LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017299.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.534	72	76	79	rVV	128709	168342	2.33%	0.206%
2	3.569	79	82	88	rVV	194937	269316	3.73%	0.330%
3	3.740	107	111	119	rVV	331305	515337	7.13%	0.631%
4	3.840	125	128	138	rVV	116370	188401	2.61%	0.231%
5	3.928	138	143	151	rVB	63529	117228	1.62%	0.144%
6	4.063	161	166	174	rVB2	51366	92374	1.28%	0.113%
7	4.205	180	190	194	rBV2	73849	129606	1.79%	0.159%
8	4.363	213	217	225	rVV	188076	291874	4.04%	0.358%
9	4.493	234	239	241	rBV	65763	90261	1.25%	0.111%
10	4.852	295	300	304	rVV	85343	136830	1.89%	0.168%
11	4.993	320	324	328	rVV2	113274	162849	2.25%	0.200%
12	5.040	328	332	336	rVV	152448	207778	2.88%	0.255%
13	5.099	336	342	355	rVB4	153250	355926	4.93%	0.436%
14	5.281	368	373	383	rVB3	57379	115175	1.59%	0.141%
15	5.381	383	390	403	rBV3	124529	257033	3.56%	0.315%
16	5.522	409	414	415	rVV	408356	539378	7.47%	0.661%
17	5.540	415	417	426	rVB2	530646	812928	11.25%	0.996%
18	5.805	458	462	467	rBV2	138236	206532	2.86%	0.253%
19	5.893	467	477	482	rVB4	76477	191133	2.65%	0.234%
20	5.987	489	493	497	rVV2	61201	89424	1.24%	0.110%
21	6.134	511	518	522	rVB4	52438	97132	1.34%	0.119%
22	6.375	545	559	568	rBV3	208711	499602	6.92%	0.612%
23	6.493	573	579	587	rVB5	107778	195935	2.71%	0.240%
24	6.863	639	642	650	rVV4	57549	133320	1.85%	0.163%
25	6.975	658	661	664	rVV	100374	159950	2.21%	0.196%
26	7.010	664	667	668	rVV2	93960	124968	1.73%	0.153%
27	7.040	668	672	677	rVV	347337	536118	7.42%	0.657%
28	7.093	677	681	692	rVB2	211790	436515	6.04%	0.535%
29	7.275	703	712	720	rBV2	1054583	1795956	24.86%	2.201%
30	7.457	734	743	753	rBV	763337	1358830	18.81%	1.665%
31	7.822	802	805	810	rVB	83863	119183	1.65%	0.146%
32	7.934	816	824	831	rBV	767055	1250465	17.31%	1.532%
33	8.016	831	838	849	rVB2	400061	766653	10.61%	0.939%
34	8.204	865	870	879	rVB5	43512	122929	1.70%	0.151%
35	8.287	879	884	892	rVB	238874	382950	5.30%	0.469%
36	8.387	892	901	906	rBV4	148868	289582	4.01%	0.355%

LSC Area Percent Report

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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

37	8.446	906	911	918	rVB	140123	238280	3.30%	0.292%
38	8.540	918	927	932	rBV2	201317	384829	5.33%	0.472%
39	8.646	938	945	951	rVV	635619	1046783	14.49%	1.283%
40	8.704	951	955	964	rVB2	107029	227220	3.15%	0.278%
41	9.010	999	1007	1013	rVV2	306206	527921	7.31%	0.647%
42	9.098	1016	1022	1023	rVV2	293964	438556	6.07%	0.537%
43	9.134	1023	1028	1033	rVV	856159	1513923	20.96%	1.855%
44	9.187	1033	1037	1041	rVV	157788	269245	3.73%	0.330%
45	9.251	1041	1048	1053	rVV4	83882	188222	2.61%	0.231%
46	9.351	1059	1065	1070	rVV2	105762	234508	3.25%	0.287%
47	9.393	1070	1072	1082	rVB4	51528	83486	1.16%	0.102%
48	9.534	1092	1096	1101	rVB	149562	218290	3.02%	0.267%
49	9.845	1132	1149	1155	rBV2	861965	2156906	29.86%	2.643%
50	9.916	1155	1161	1165	rVV4	279094	570627	7.90%	0.699%
51	9.951	1165	1167	1179	rVB5	131513	333664	4.62%	0.409%
52	10.116	1188	1195	1201	rVV	358843	604559	8.37%	0.741%
53	10.175	1201	1205	1212	rVB3	56252	110568	1.53%	0.135%
54	10.287	1217	1224	1231	rVB7	52392	128935	1.78%	0.158%
55	10.369	1231	1238	1249	rBV	1155579	2021494	27.98%	2.477%
56	10.598	1268	1277	1280	rBV6	73442	174021	2.41%	0.213%
57	10.640	1280	1284	1288	rVV2	99420	181000	2.51%	0.222%
58	10.698	1288	1294	1298	rVV3	115709	223875	3.10%	0.274%
59	10.757	1298	1304	1309	rVV	957783	1664497	23.04%	2.039%
60	10.810	1309	1313	1322	rVB2	289901	653965	9.05%	0.801%
61	10.922	1322	1332	1340	rBV	795387	1393830	19.29%	1.708%
62	11.204	1374	1380	1389	rVB4	103026	248859	3.44%	0.305%
63	11.310	1390	1398	1404	rBV4	102652	272828	3.78%	0.334%
64	11.387	1405	1411	1416	rVB7	82866	185817	2.57%	0.228%
65	11.751	1467	1473	1481	rBV4	100163	270004	3.74%	0.331%
66	12.104	1528	1533	1540	rBV3	50302	120303	1.67%	0.147%
67	12.192	1540	1548	1553	rVV4	126176	266610	3.69%	0.327%
68	12.245	1553	1557	1565	rVV2	101496	209969	2.91%	0.257%
69	12.392	1576	1582	1590	rBV2	326312	836745	11.58%	1.025%
70	12.457	1590	1593	1597	rVB	105411	135946	1.88%	0.167%
71	12.634	1618	1623	1630	rVV2	247252	468508	6.49%	0.574%
72	13.110	1701	1704	1718	rVB2	39893	120661	1.67%	0.148%
73	13.434	1755	1759	1764	rVB3	84879	137979	1.91%	0.169%
74	13.745	1806	1812	1814	rBV2	135801	233636	3.23%	0.286%
75	13.898	1832	1838	1844	rBV2	105522	207361	2.87%	0.254%
76	13.957	1844	1848	1851	rVV	109017	152187	2.11%	0.186%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

77	14.010	1851	1857	1863	rVB	2250298	3065667	42.44%	3.756%
78	14.292	1897	1905	1913	rBV	2556745	3722393	51.53%	4.561%
79	14.592	1947	1956	1962	rBV	1477477	2137500	29.59%	2.619%
80	14.657	1963	1967	1973	rVB	151443	235931	3.27%	0.289%
81	14.828	1984	1996	2008	rBV4	199909	587133	8.13%	0.719%
82	14.975	2016	2021	2028	rVB2	105070	191204	2.65%	0.234%
83	15.051	2028	2034	2042	rVB3	96615	201423	2.79%	0.247%
84	15.198	2054	2059	2064	rBV	87228	146670	2.03%	0.180%
85	15.592	2120	2126	2133	rBV	3307651	4738821	65.60%	5.806%
86	15.722	2143	2148	2153	rBV	1070155	1358262	18.80%	1.664%
87	15.769	2153	2156	2164	rVB7	89407	172776	2.39%	0.212%
88	16.257	2234	2239	2244	rBV2	118345	199872	2.77%	0.245%
89	16.704	2311	2315	2321	rBV4	63956	132597	1.84%	0.162%
90	16.839	2333	2338	2346	rBV	525021	763887	10.57%	0.936%
91	17.086	2376	2380	2386	rVB4	63117	105218	1.46%	0.129%
92	17.363	2421	2427	2433	rBV	1917555	2705407	37.45%	3.315%
93	17.463	2438	2444	2453	rBV	3838154	5554143	76.88%	6.805%
94	18.210	2566	2571	2576	rBV2	800787	1083001	14.99%	1.327%
95	19.445	2777	2781	2788	rBV	224976	324042	4.49%	0.397%
96	19.710	2818	2826	2833	rBV	5183132	7122807	98.59%	8.727%
97	21.139	3065	3069	3079	rBV	479747	784986	10.87%	0.962%
98	21.468	3120	3125	3130	rBV	2438155	3067818	42.46%	3.759%
99	23.821	3518	3525	3538	rVB2	3585022	7224355	100.00%	8.852%
100	23.986	3546	3553	3562	rVB	1599184	3325042	46.03%	4.074%

Sum of corrected areas: 81615385

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
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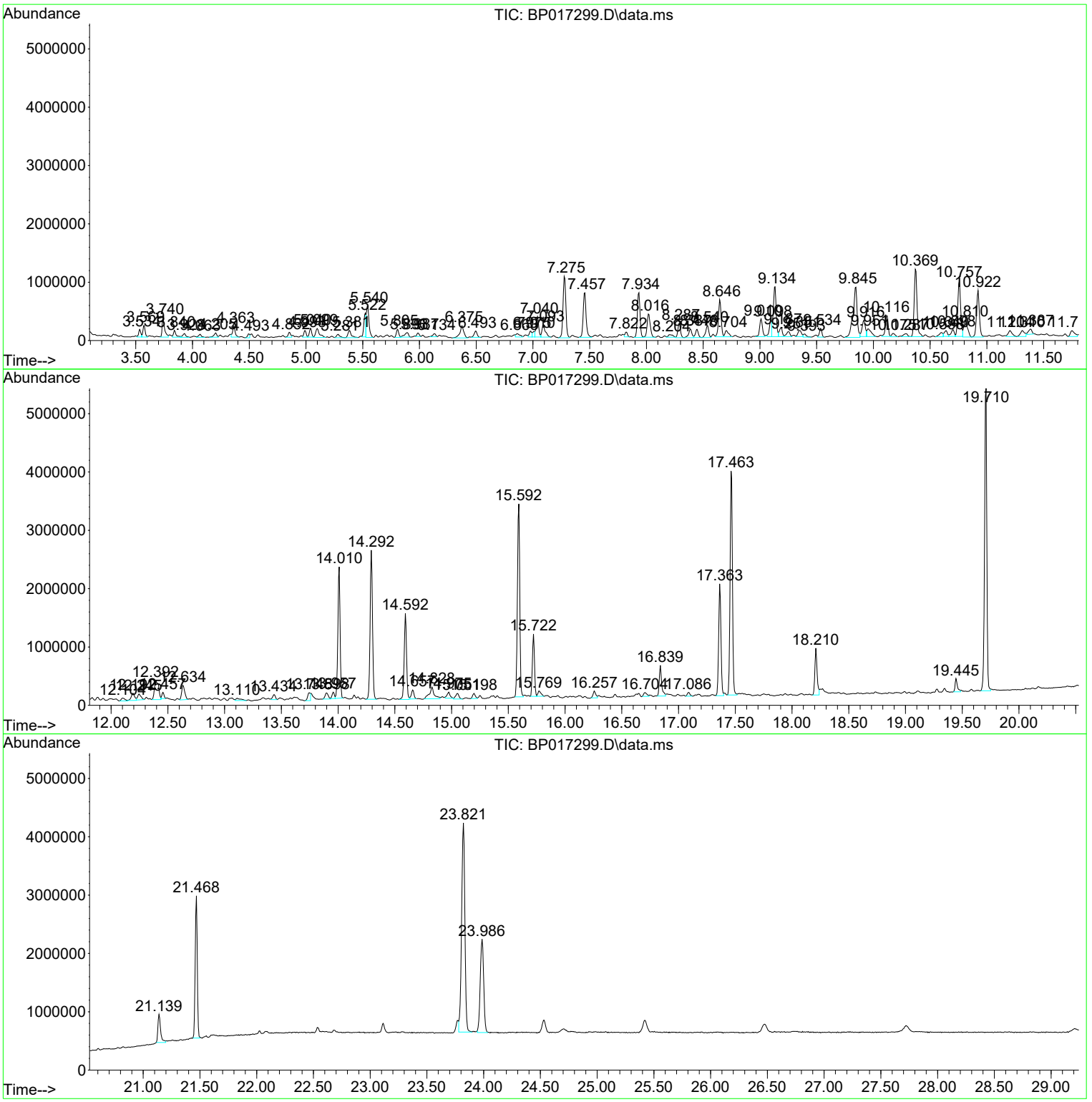
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

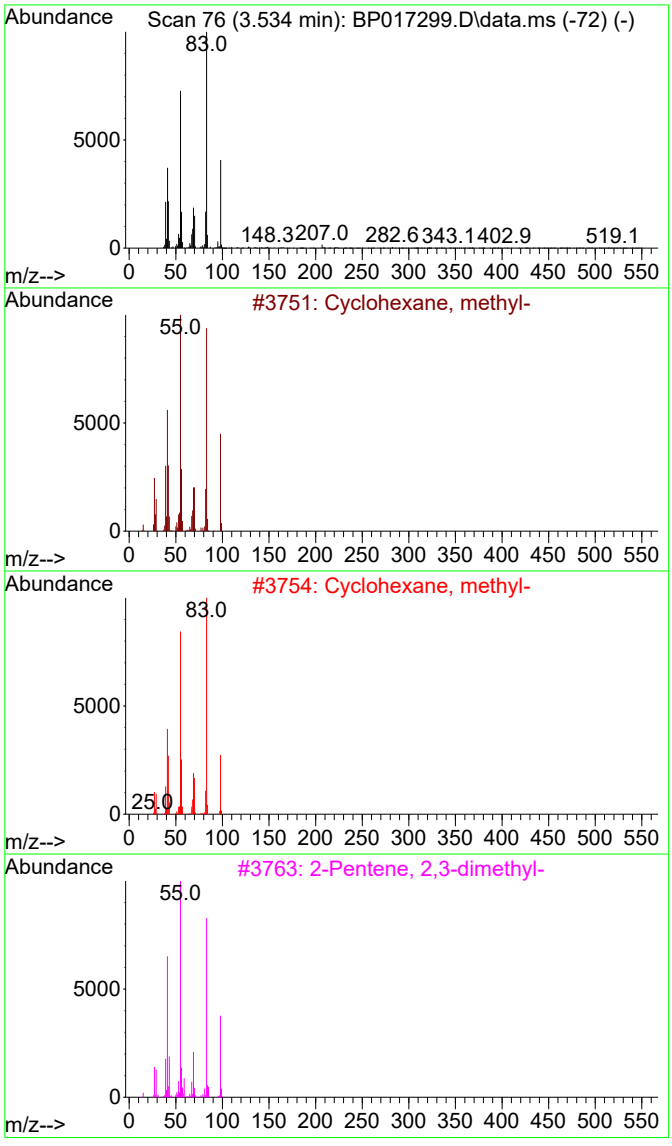
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

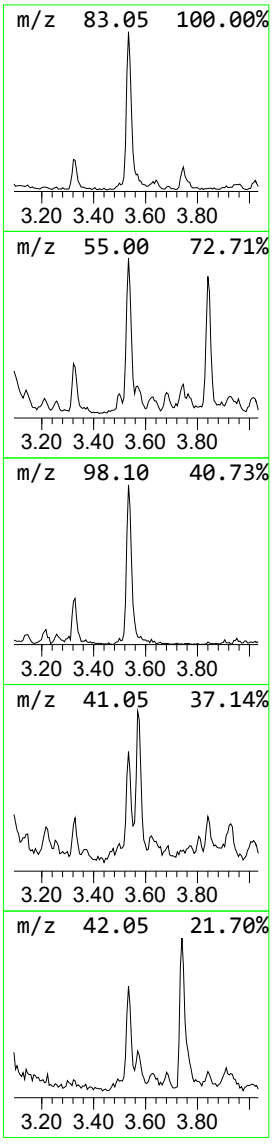
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.534 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.534	2.69 ng/ul	168342	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	86
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
4	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	64
5	1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
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Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

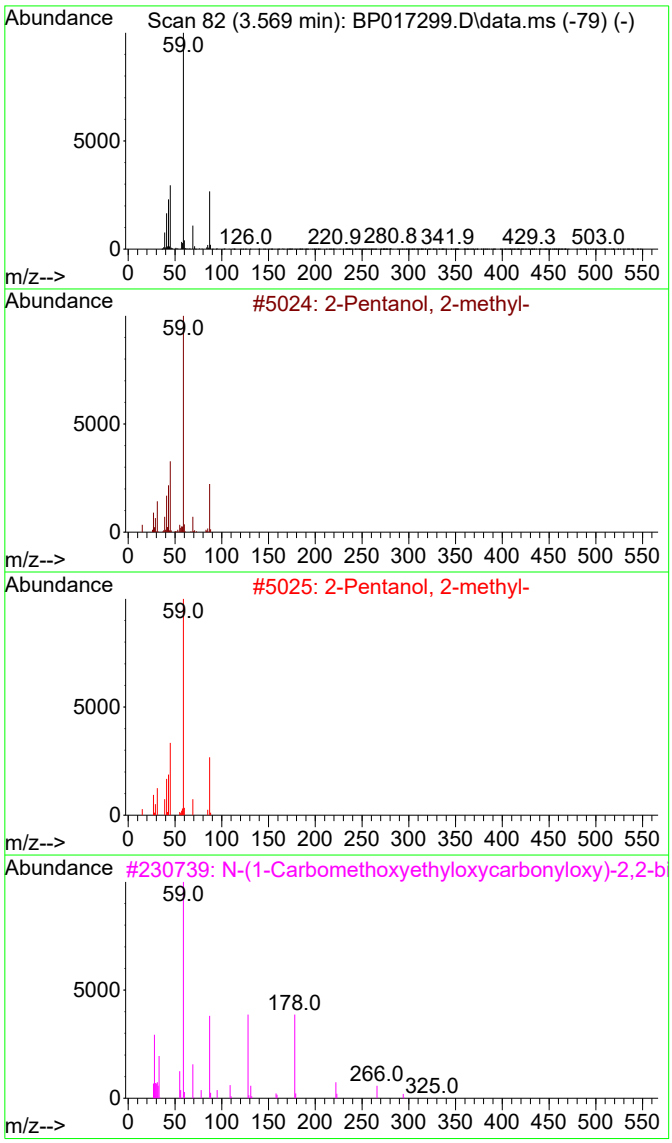
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

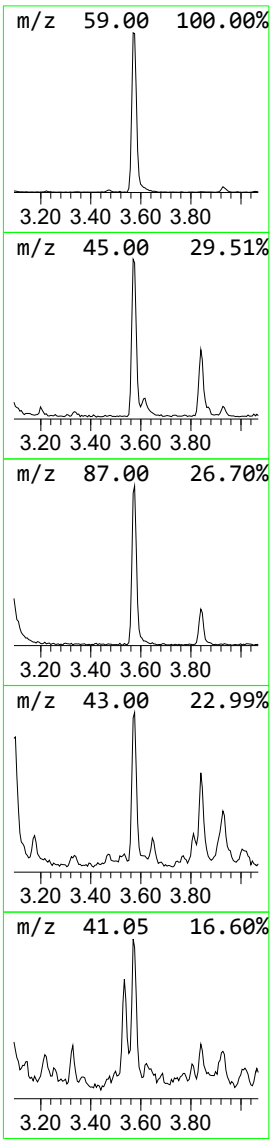
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanol, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.569	4.31 ng/ul	269316	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
3	N-(1-Carbomethoxyethyloxycarbony...	325	C9H9F6NO5	1000283-30-7	59
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	53
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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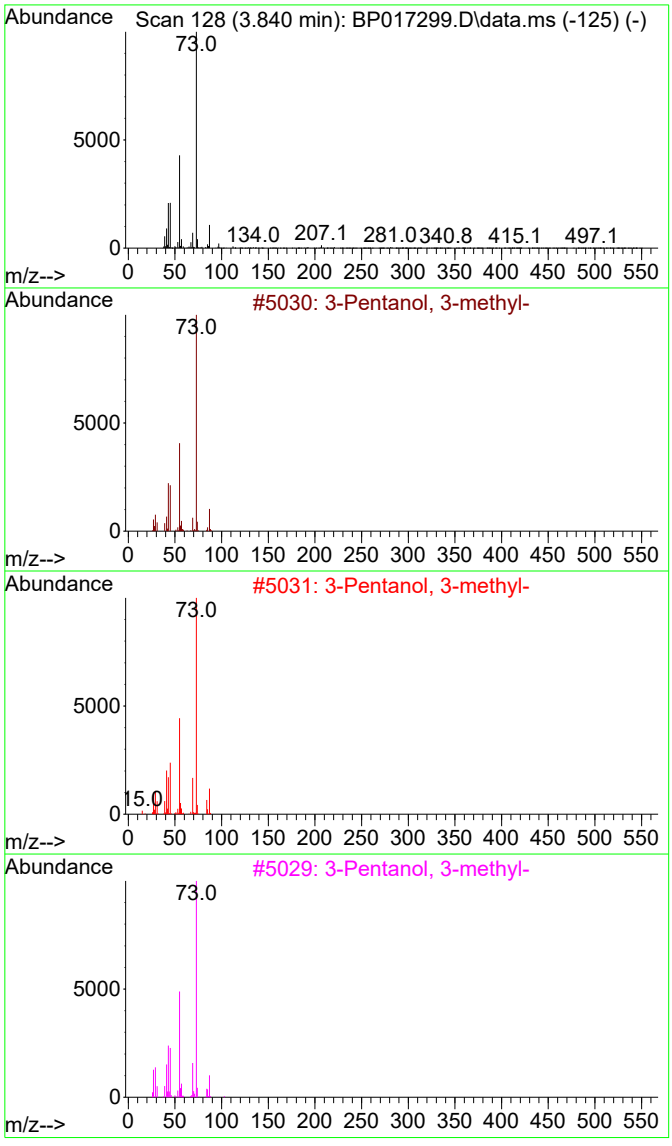
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

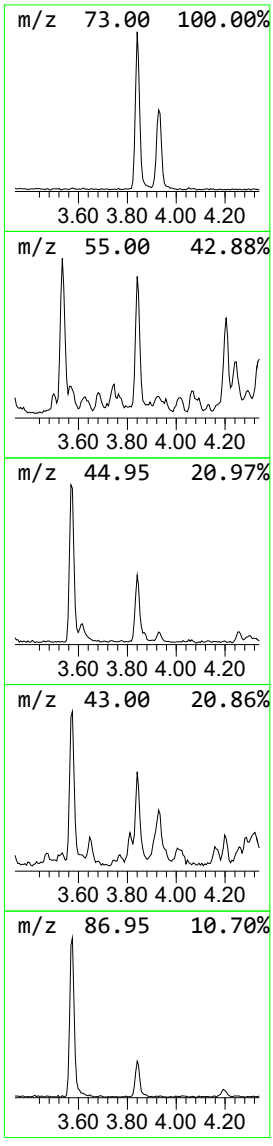
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.840	3.01 ng/ul	188401	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	64
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	39
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	37
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

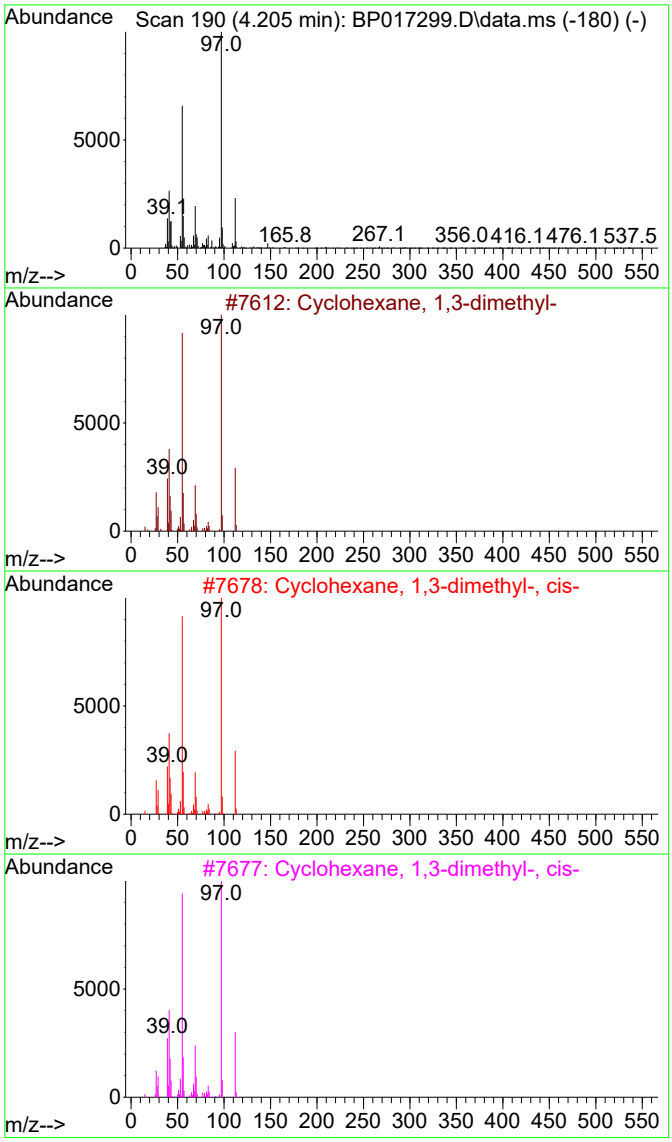
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

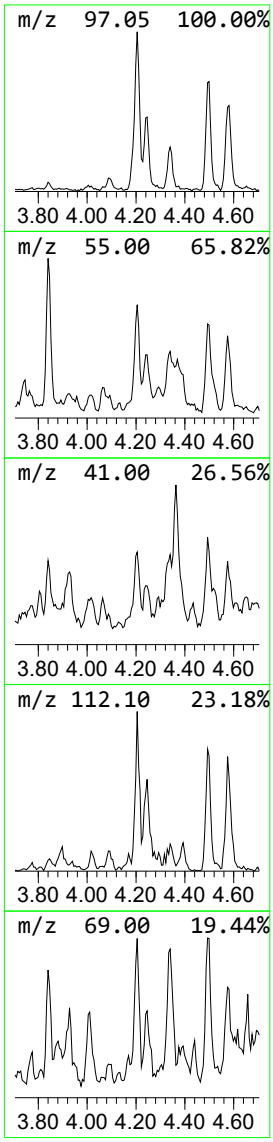
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic4.205 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.205	2.07 ng/ul	129606	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	93
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

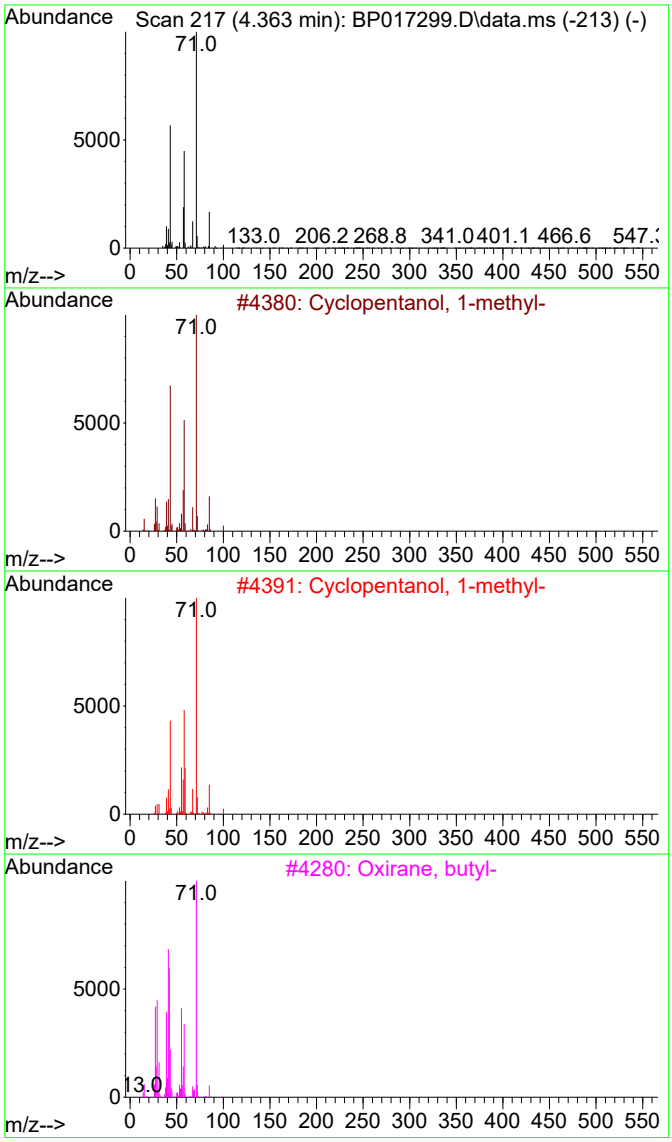
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

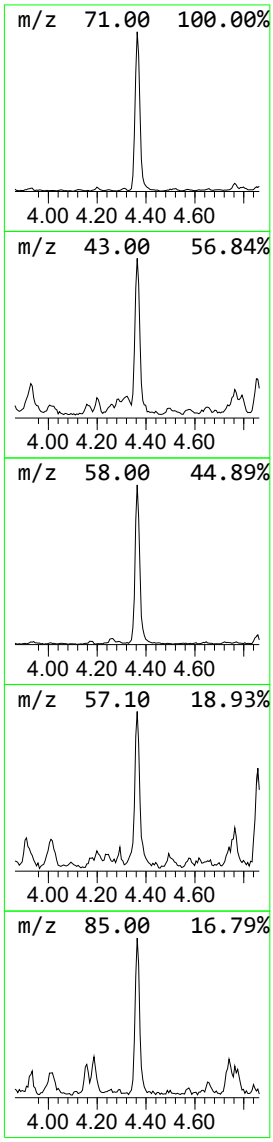
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentanol, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.363	4.67 ng/ul	291874	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	90
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	78
3	Oxirane, butyl-	100	C6H12O	001436-34-6	43
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	33
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	33





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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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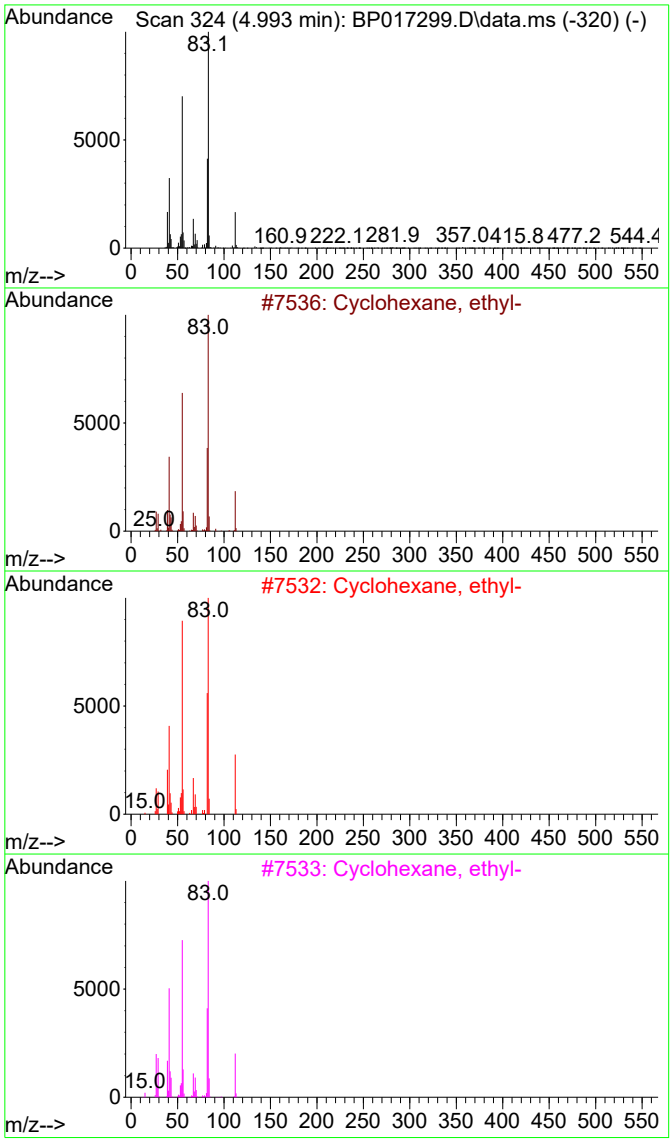
Quant Title : SVOA CALIBRATION

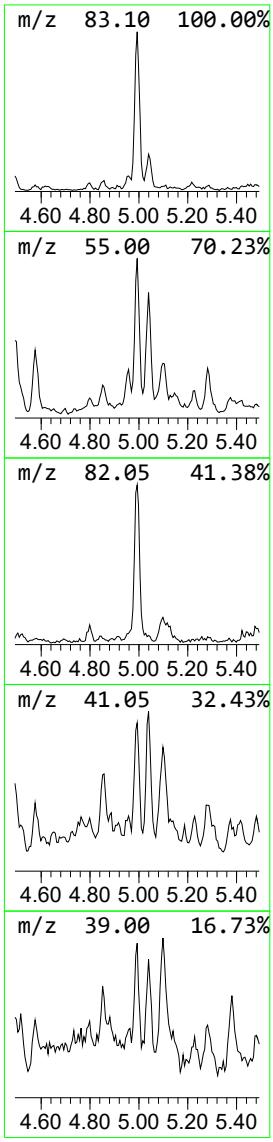
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic4.993 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	2.60 ng/ul	162849	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	92
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	62





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

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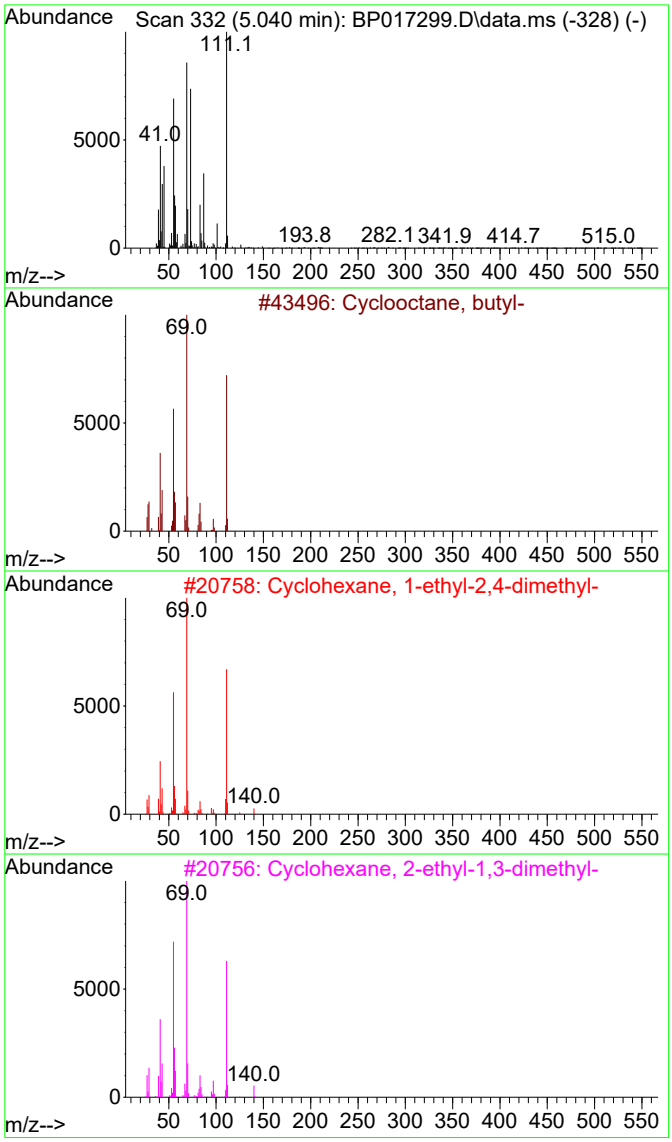
Quant Title : SVOA CALIBRATION

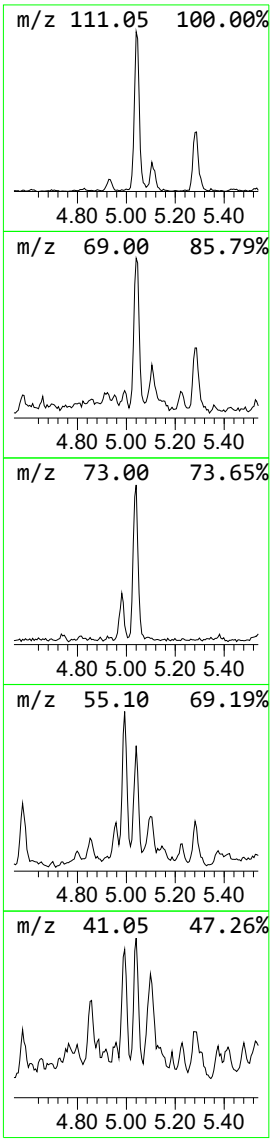
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.040 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	3.32 ng/ul	207778	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	50
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	47
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	40
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHAD7

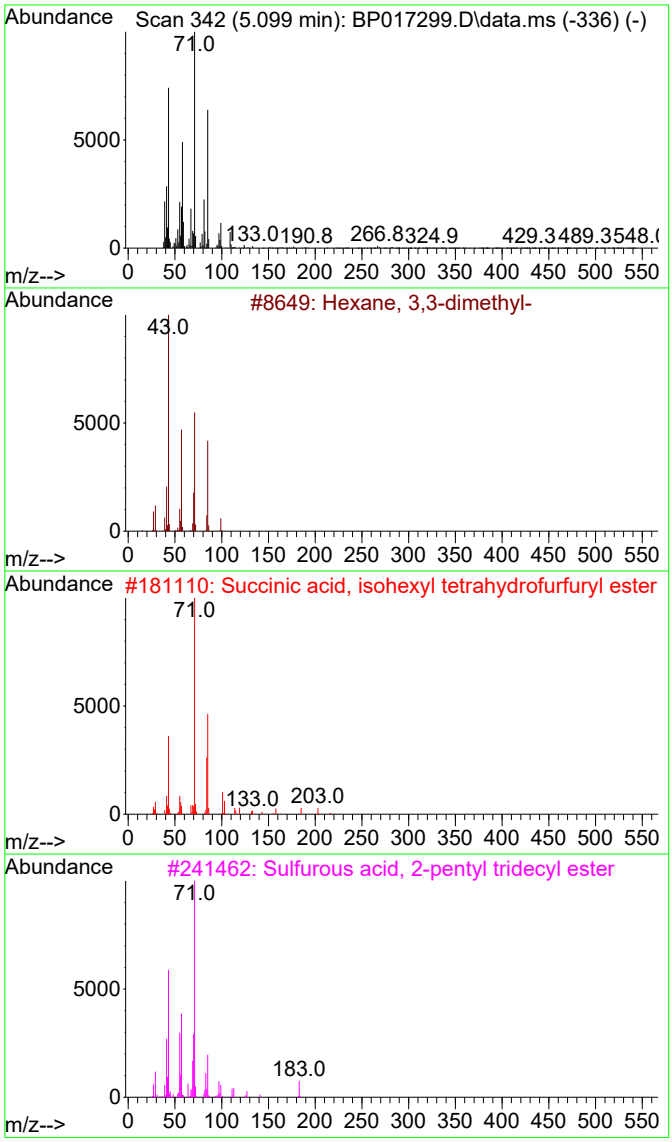
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

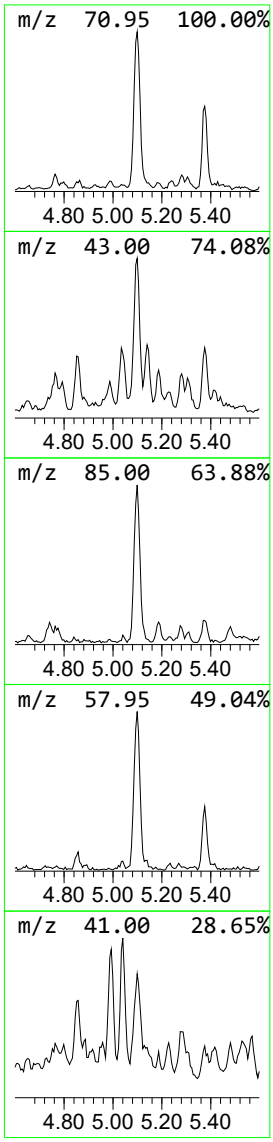
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.099	5.69 ng/ul	355926	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
2	Succinic acid, isohexyl tetrahyd...	286	C15H26O5	1000329-86-4	47
3	Sulfurous acid, 2-pentyl tridecy...	334	C18H38O3S	1000309-16-2	43
4	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	43
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	38





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

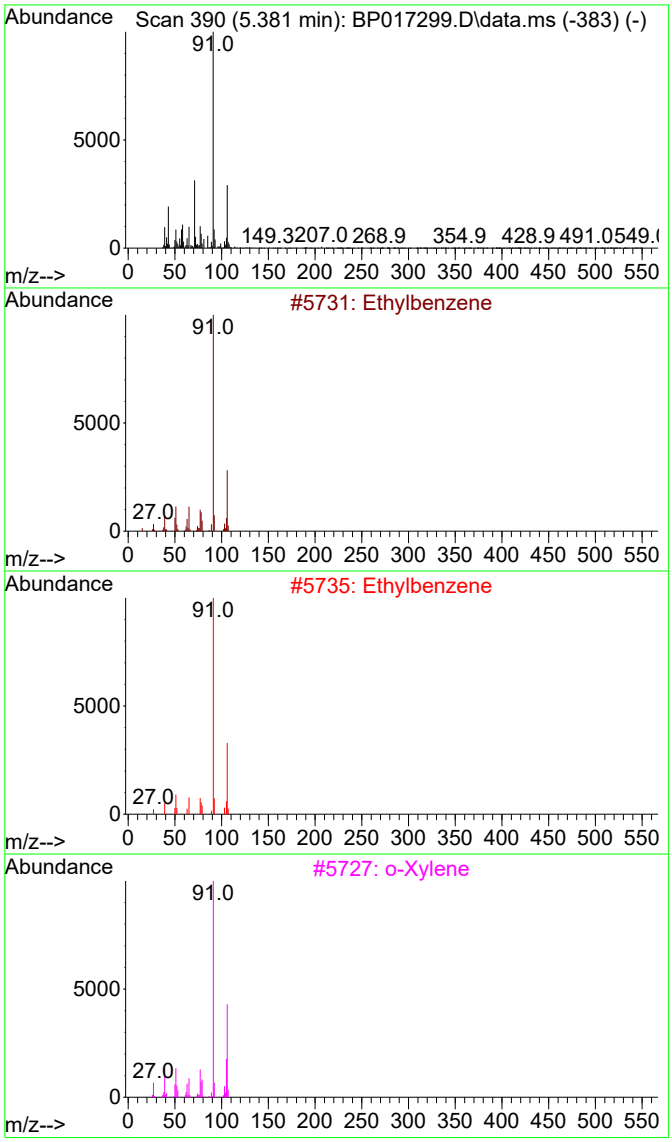
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

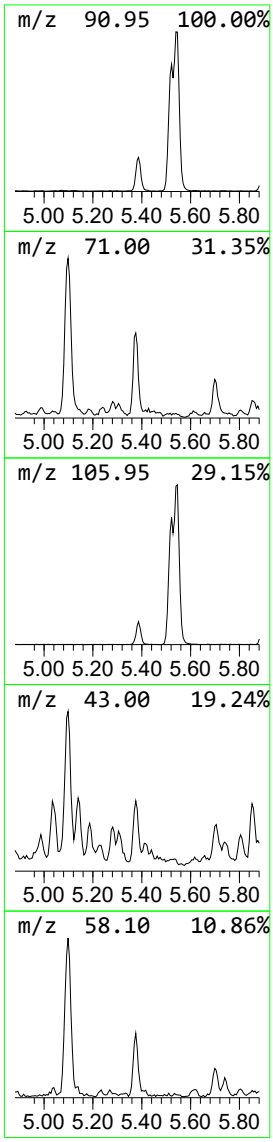
****

Peak Number 10 Ethylbenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.381	4.11 ng/ul	257033	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	90
2	Ethylbenzene	106	C8H10	000100-41-4	60
3	o-Xylene	106	C8H10	000095-47-6	60
4	o-Xylene	106	C8H10	000095-47-6	60
5	Ethylbenzene	106	C8H10	000100-41-4	60





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ClientSampleId :
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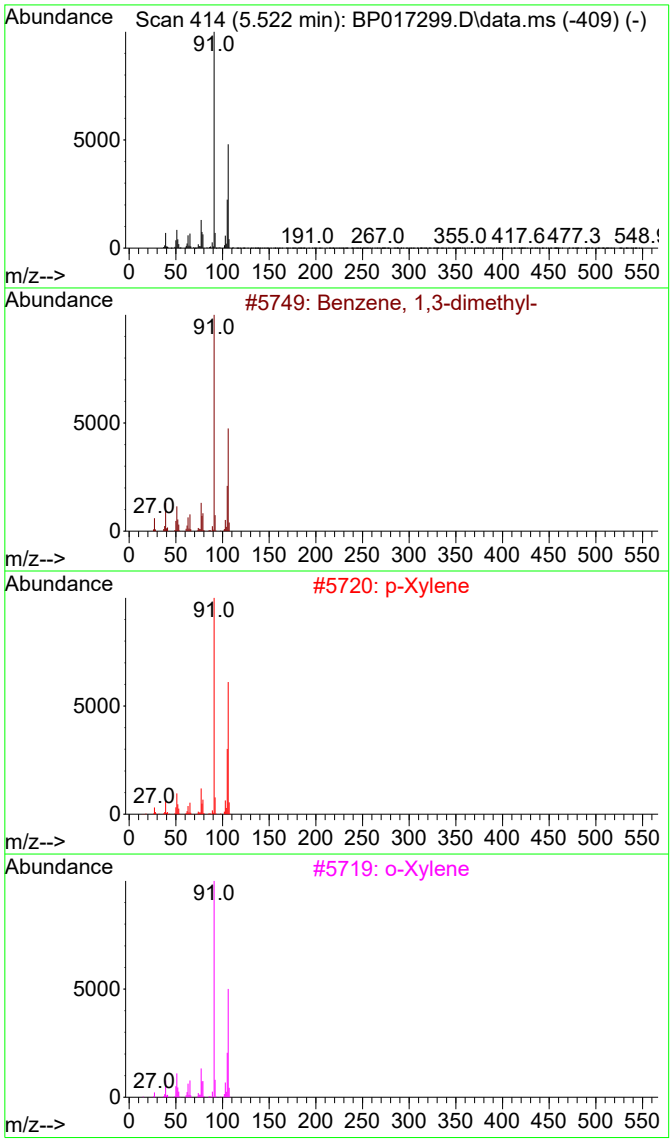
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

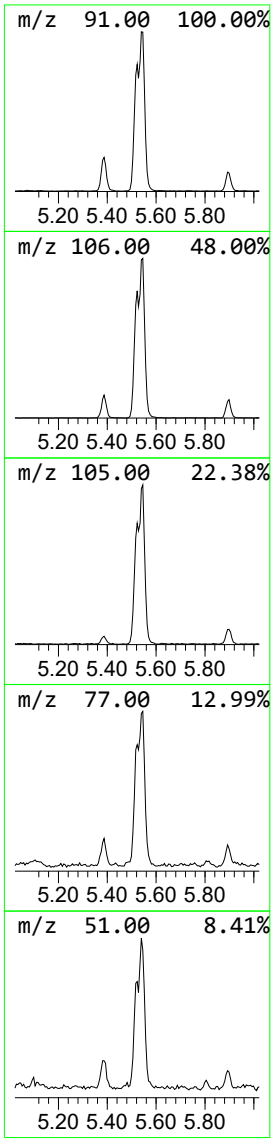
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.522	8.63 ng/ul	539378	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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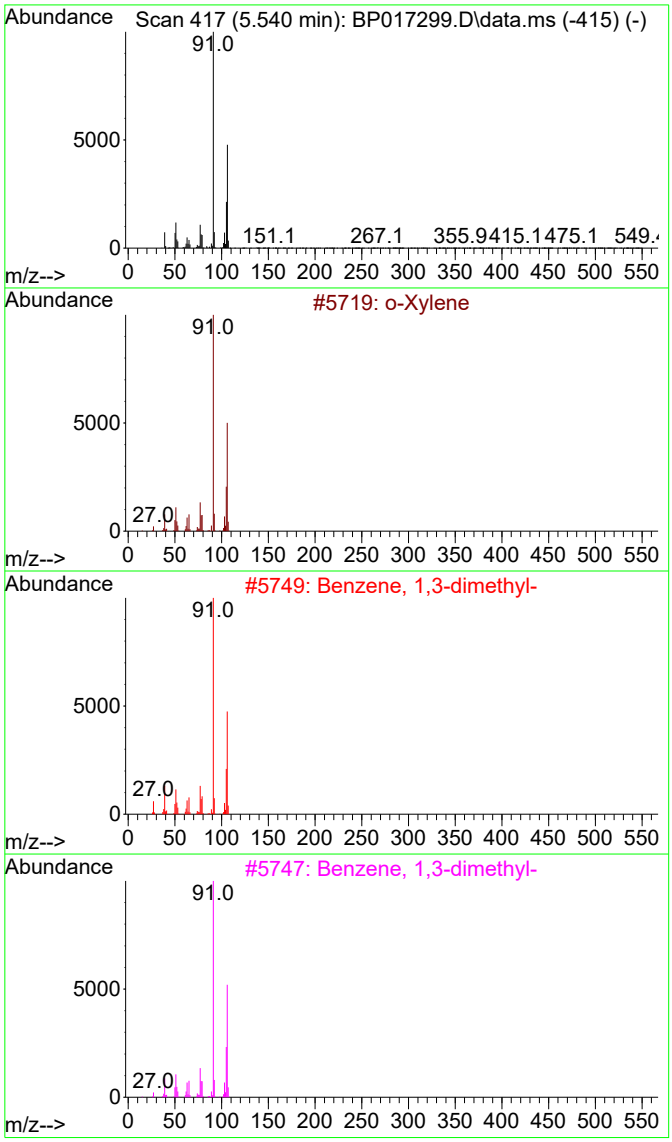
Quant Title : SVOA CALIBRATION

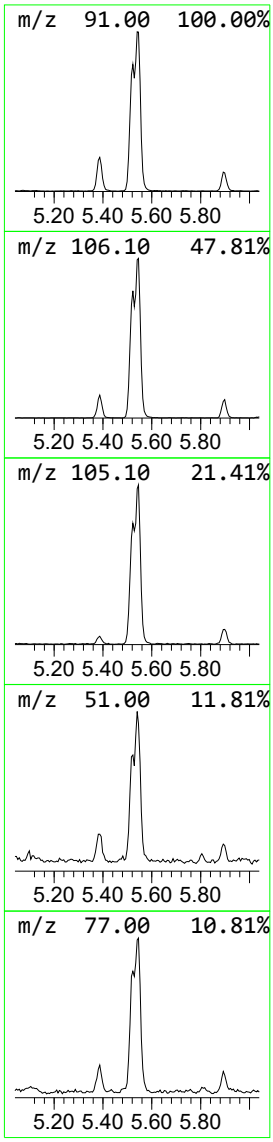
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.540	13.00 ng/ul	812928	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
4	p-Xylene	106	C8H10	000106-42-3	94
5	p-Xylene	106	C8H10	000106-42-3	93





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ClientSampleId :
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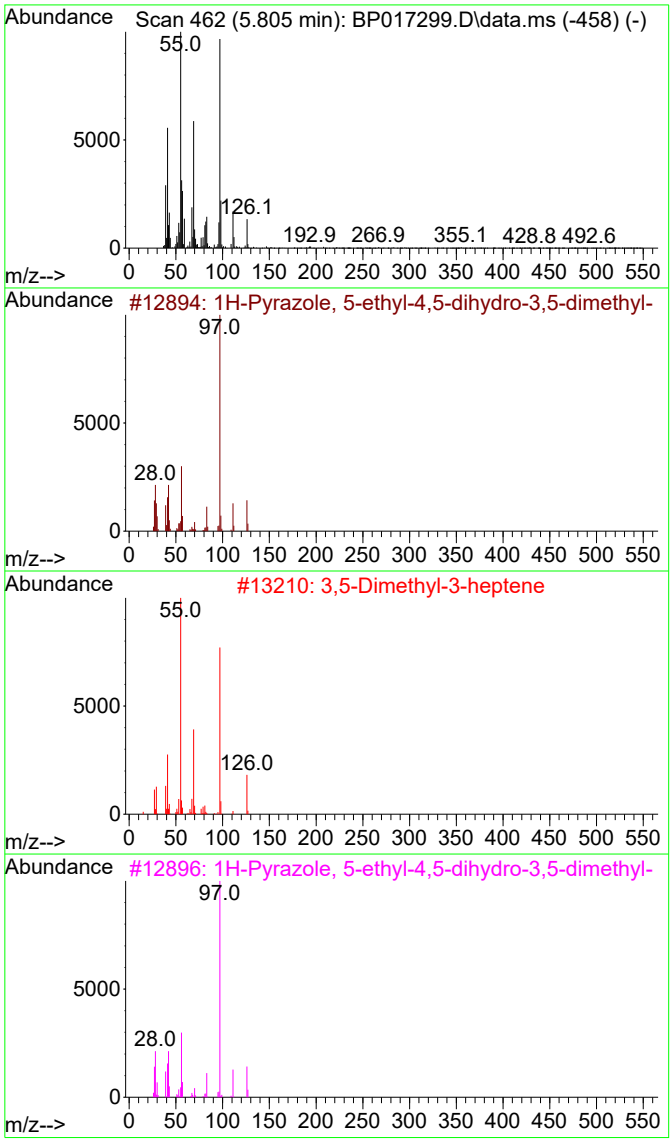
Quant Title : SVOA CALIBRATION

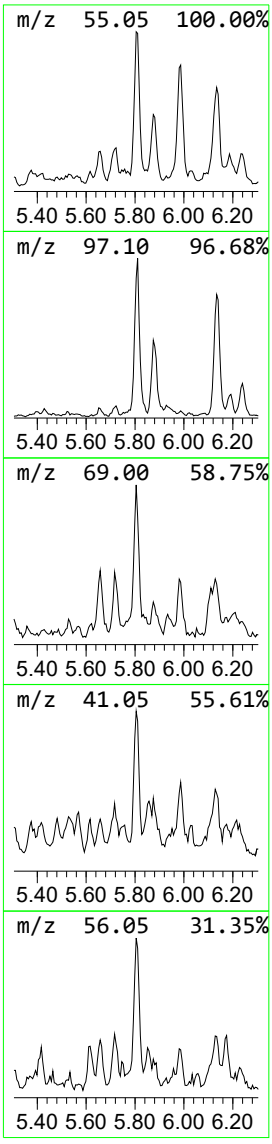
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Pyrazole, 5-ethyl-4,5-di... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.805	3.30 ng/ul	206532	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	58
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
3	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	52
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

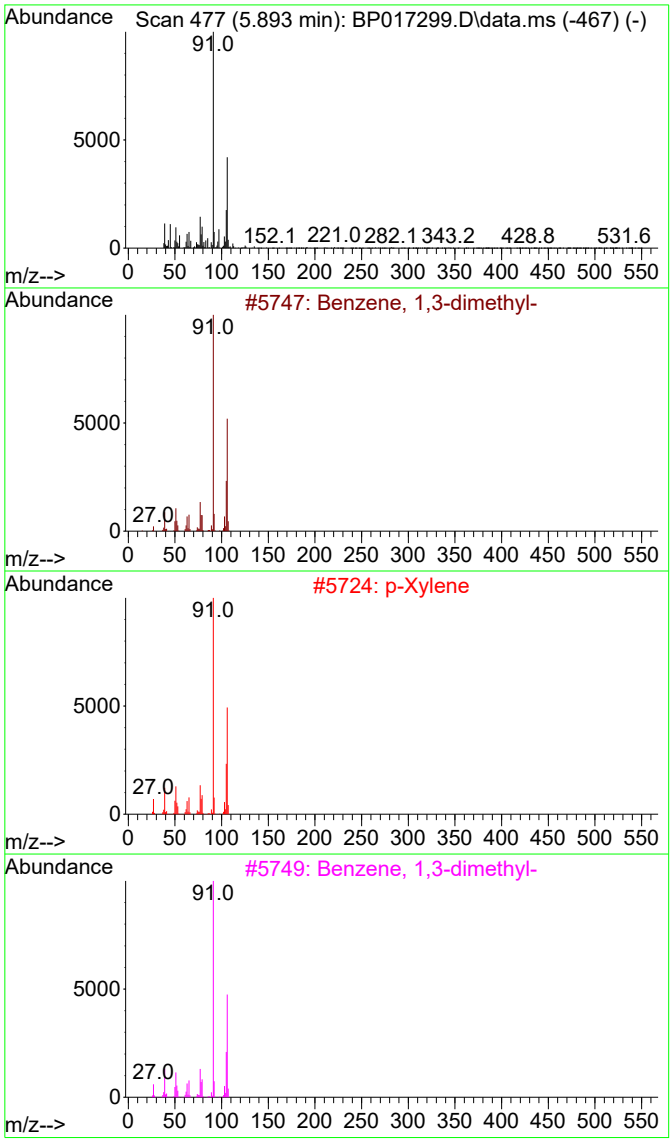
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

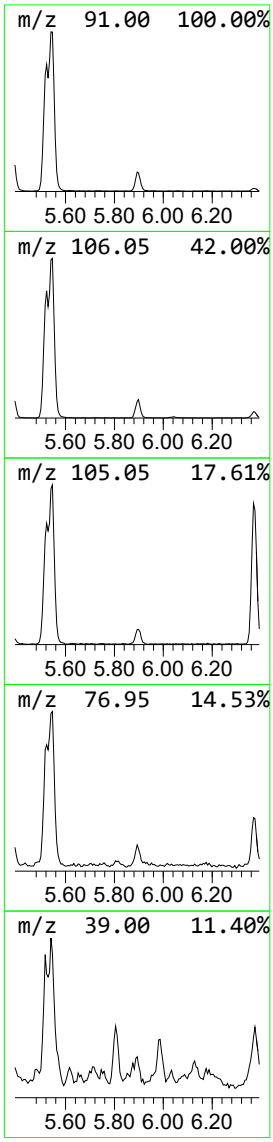
****

Peak Number 14 p-Xylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.893	3.06 ng/ul	191133	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	o-Xylene	106	C8H10	000095-47-6	94





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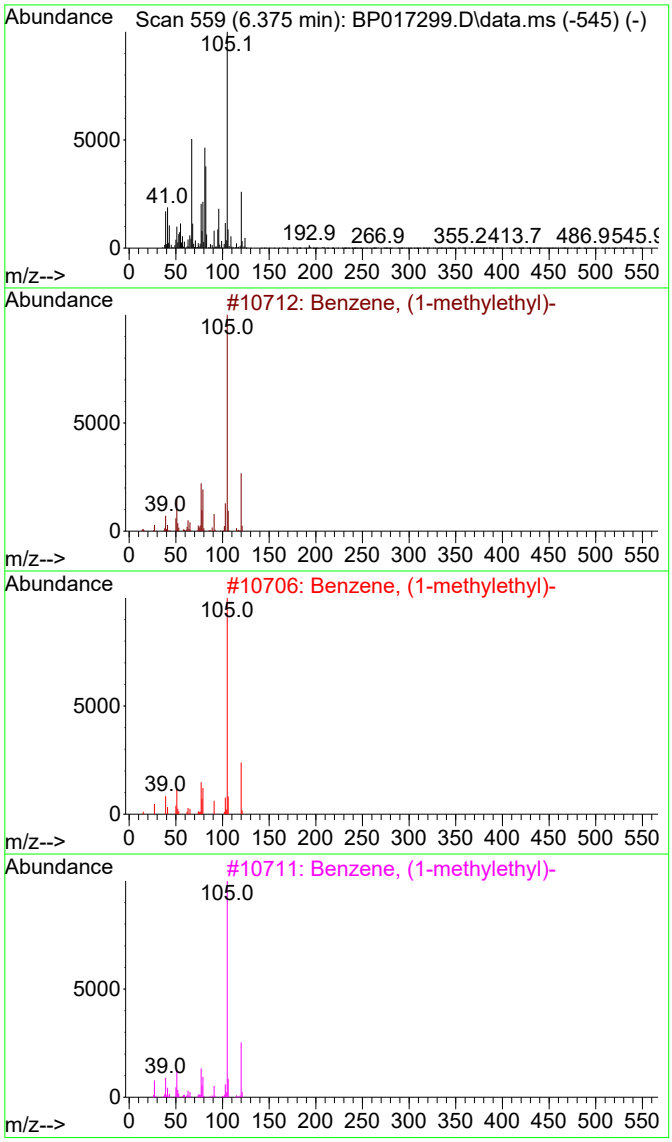
Quant Title : SVOA CALIBRATION

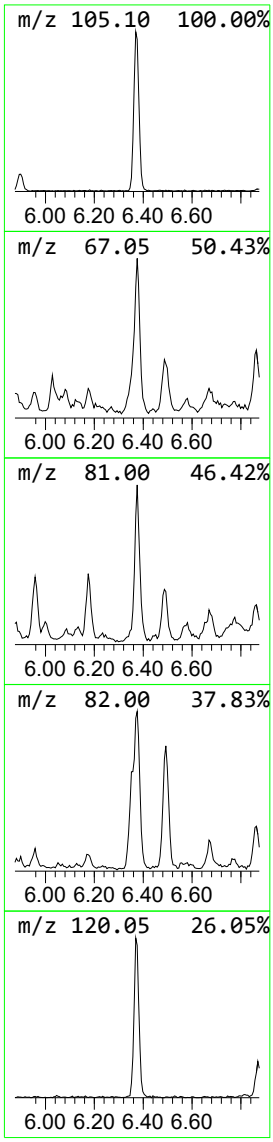
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	7.99 ng/ul	499602	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	50
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	46
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	41
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	41
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38





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ALS Vial : 24 Sample Multiplier: 1

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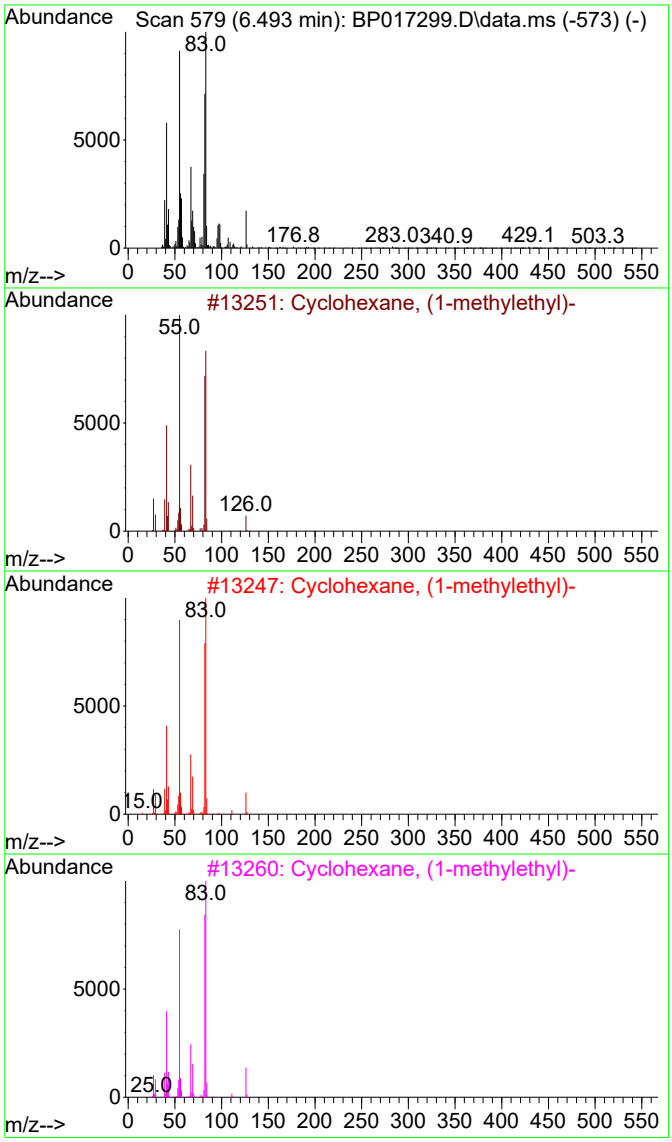
Quant Title : SVOA CALIBRATION

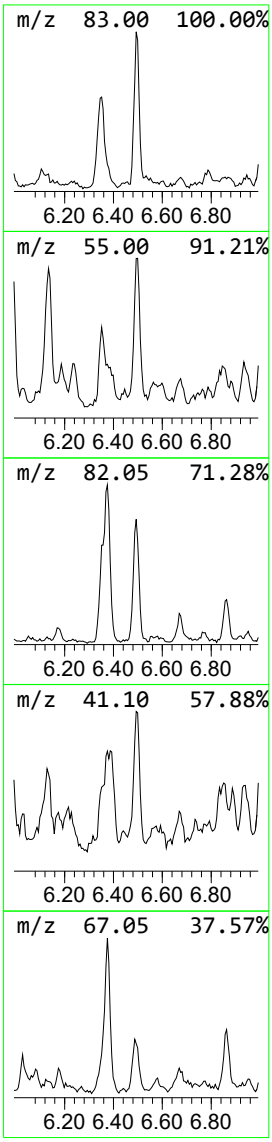
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic6.493 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	3.13 ng/ul	195935	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





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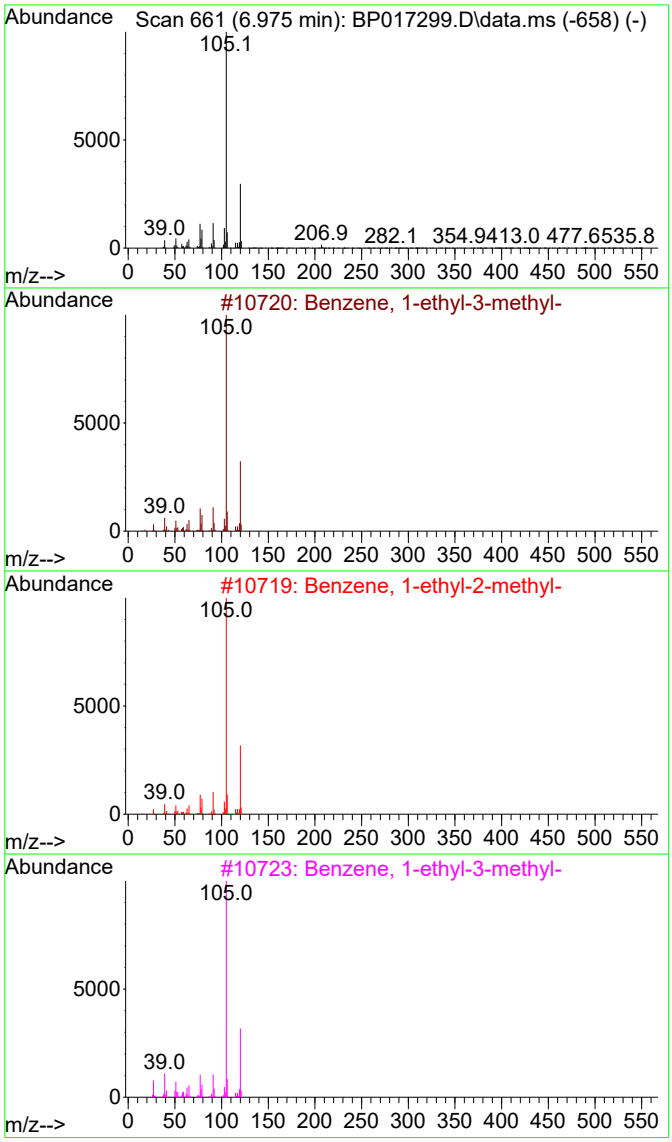
Quant Title : SVOA CALIBRATION

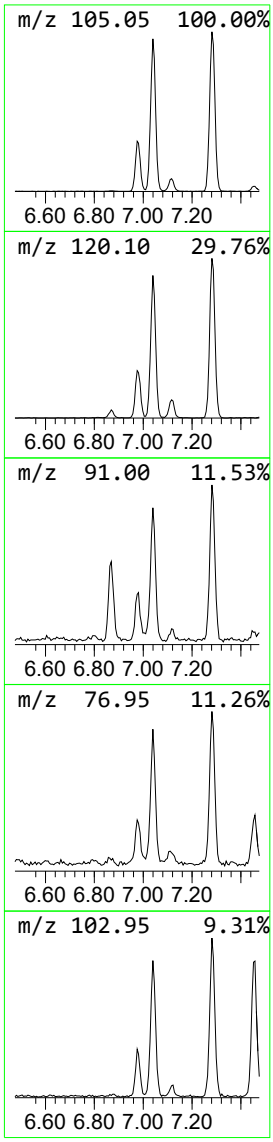
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	2.56 ng/ul	159950	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93





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ALS Vial : 24 Sample Multiplier: 1

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BHAD7

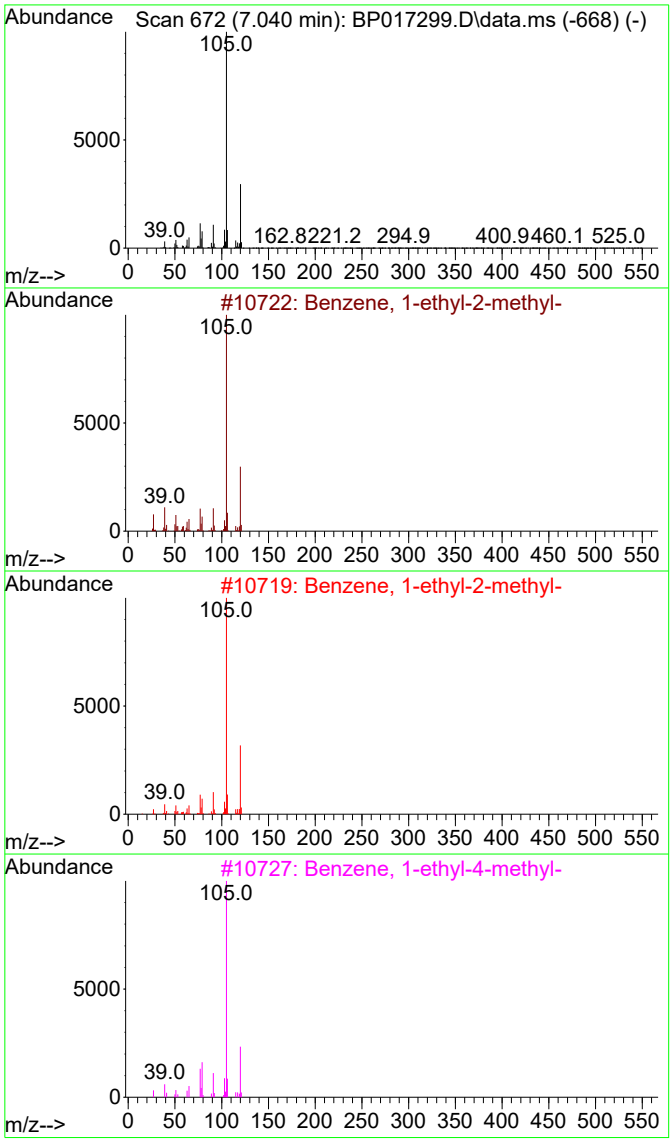
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

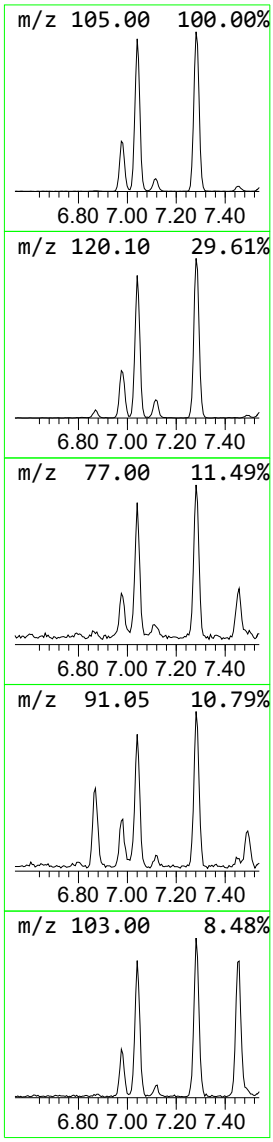
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.040	8.57 ng/ul	536118	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

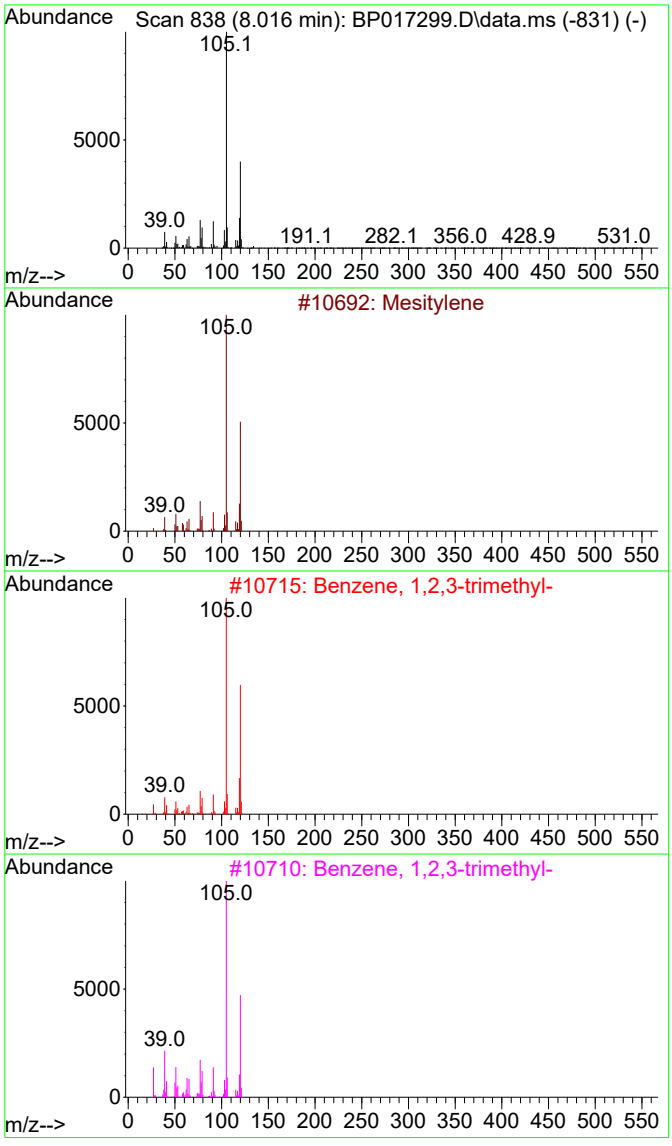
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

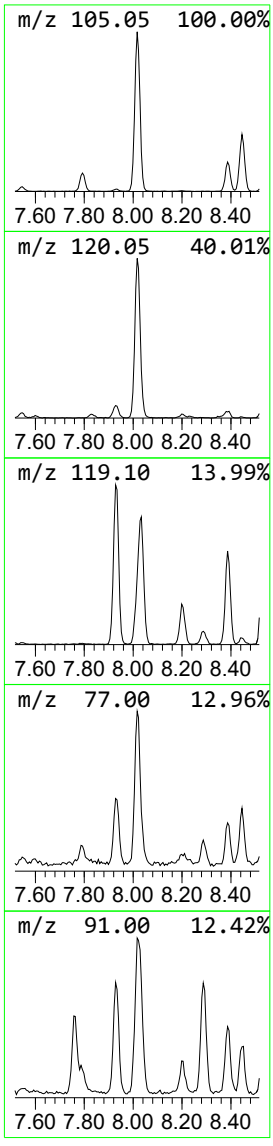
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	12.26 ng/ul	766653	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

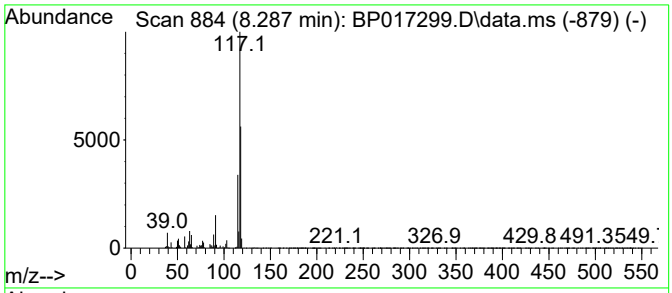
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

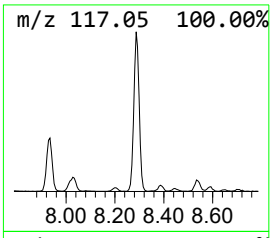
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

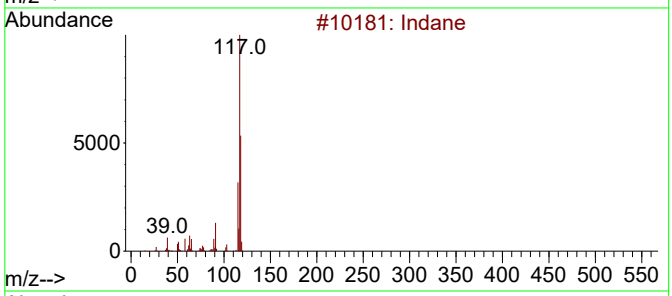
****
Peak Number 21 Indane Concentration Rank 10

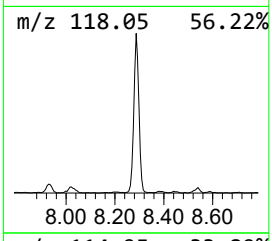
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.287	6.12 ng/ul	382950	1,4-Dichlorobenzene-d4	7.934

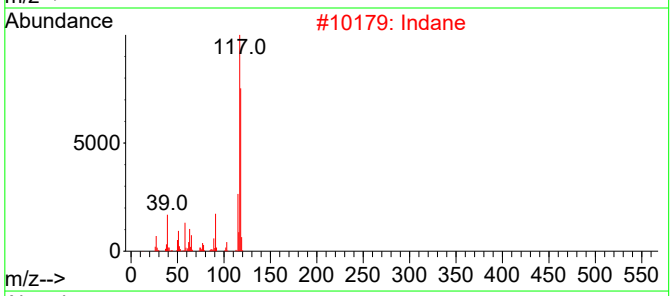
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72

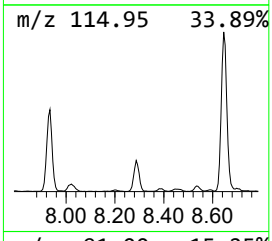


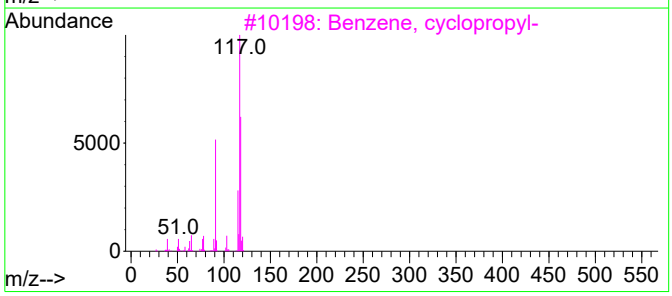


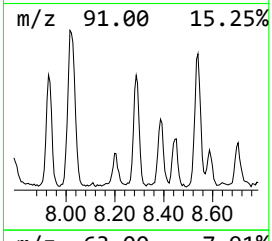


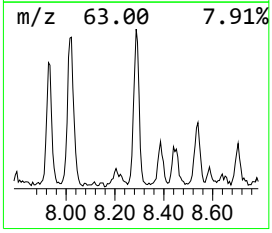












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

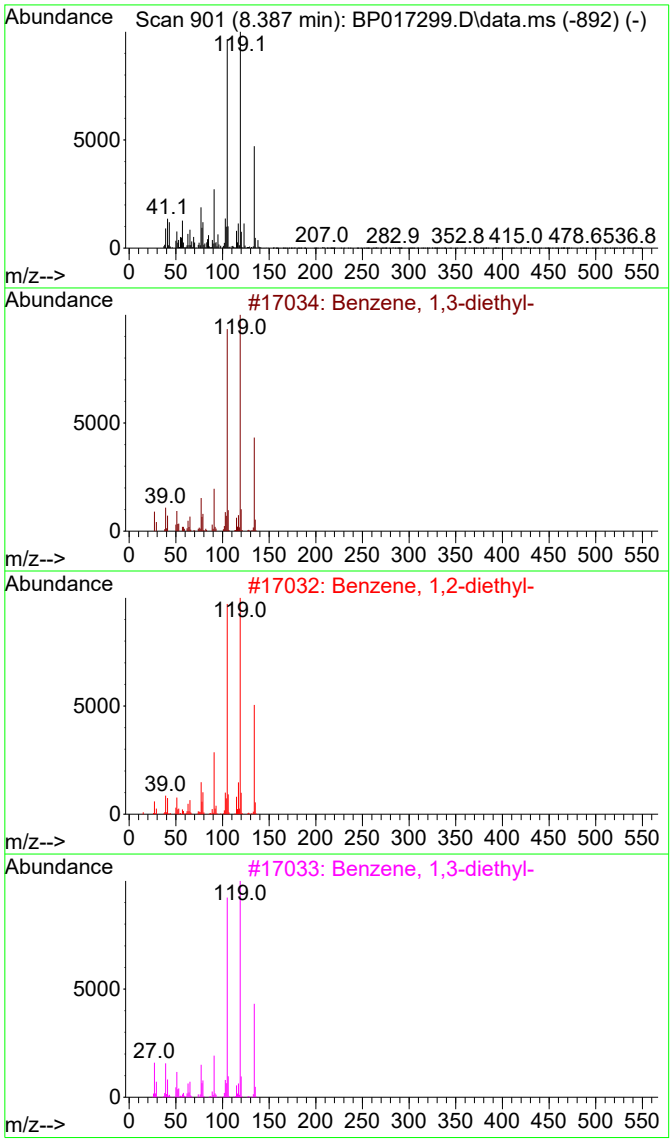
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

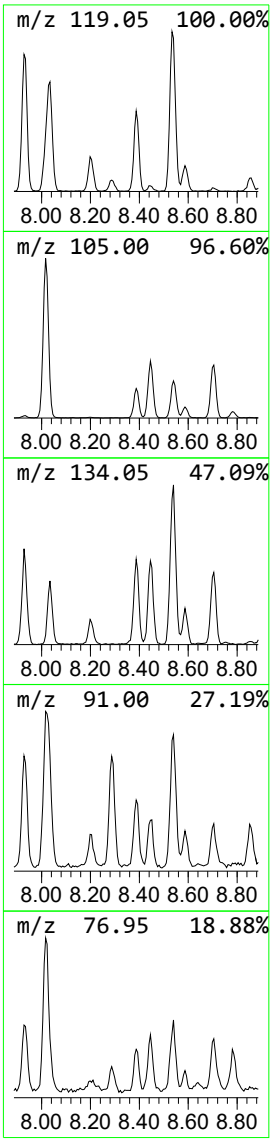
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.387	4.63 ng/ul	289582	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

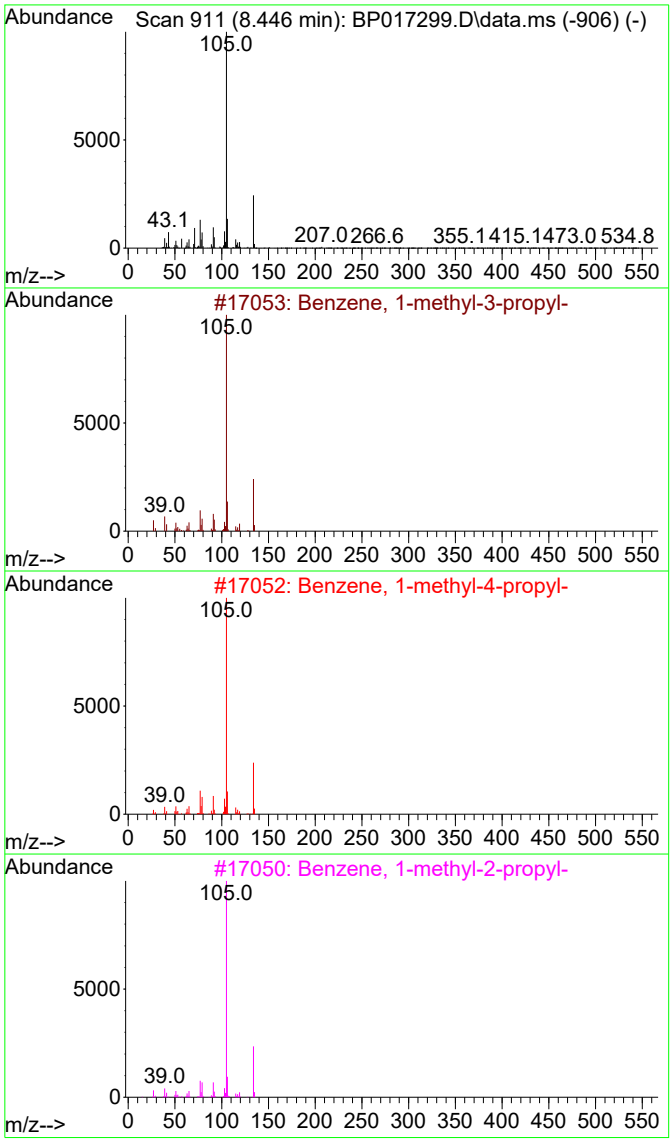
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

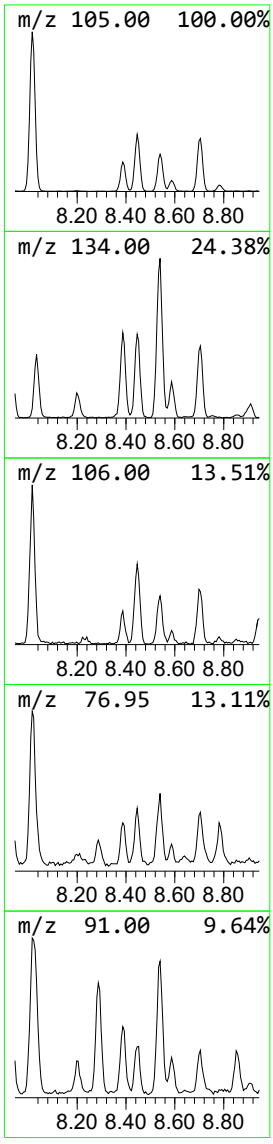
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.446	3.81 ng/ul	238280	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83





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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

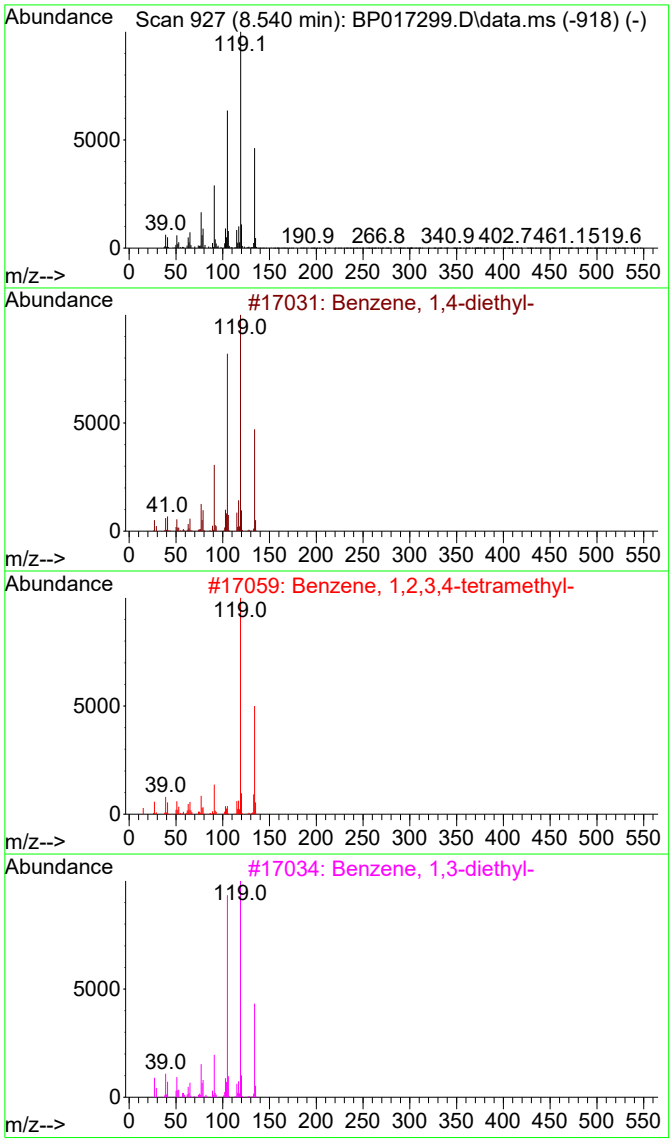
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

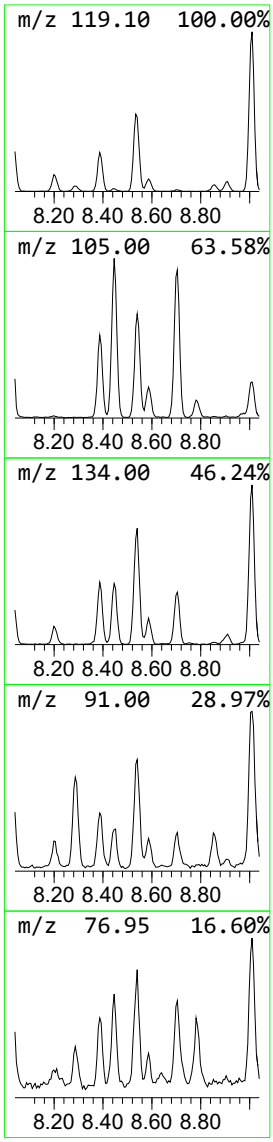
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.540	6.15 ng/ul	384829	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93





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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

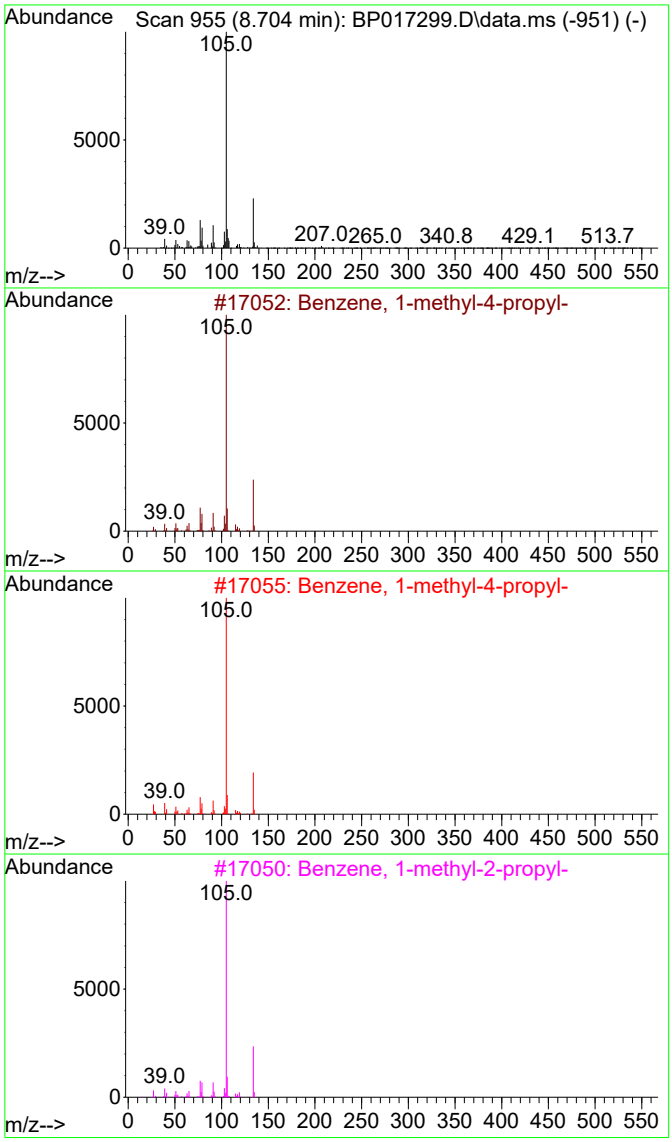
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

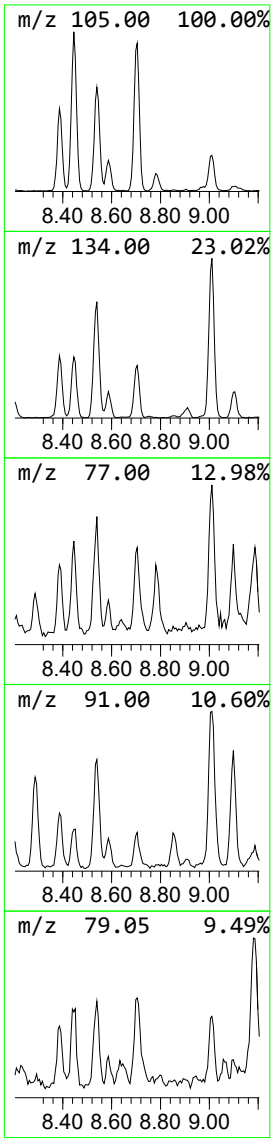
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	3.63 ng/ul	227220	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83





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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

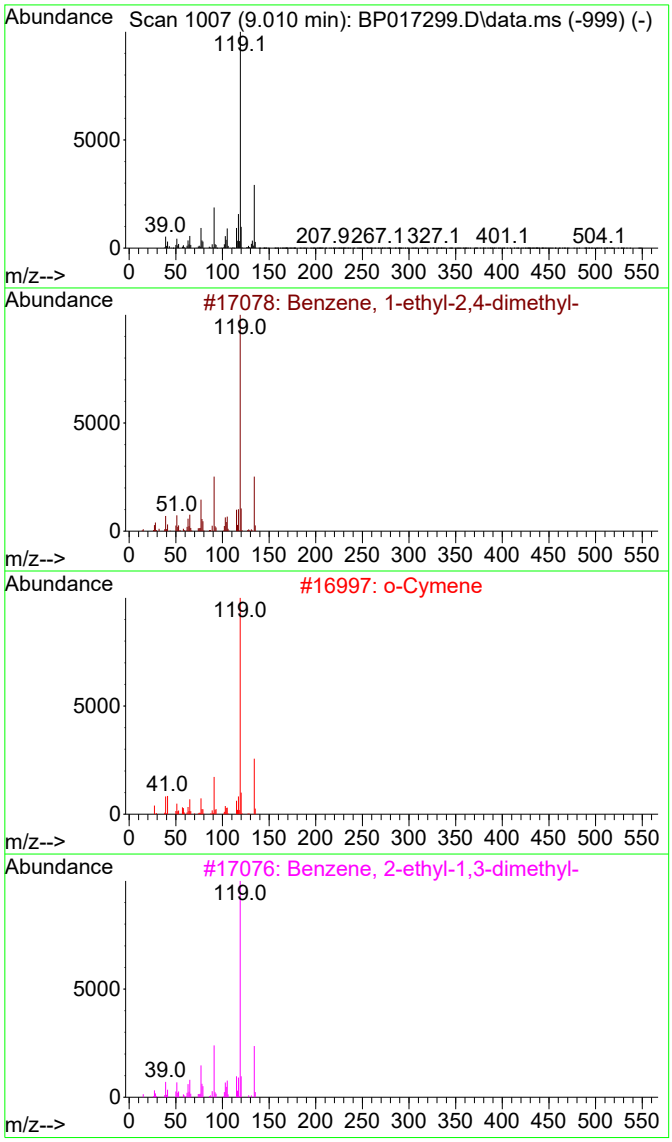
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

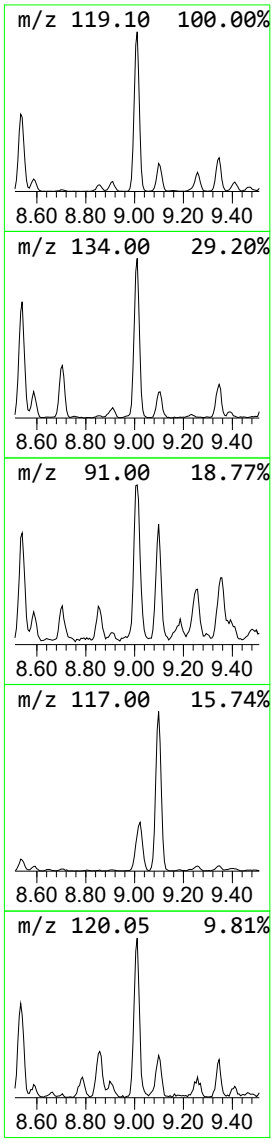
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	8.44 ng/ul	527921	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	o-Cymene	134	C10H14	000527-84-4	93





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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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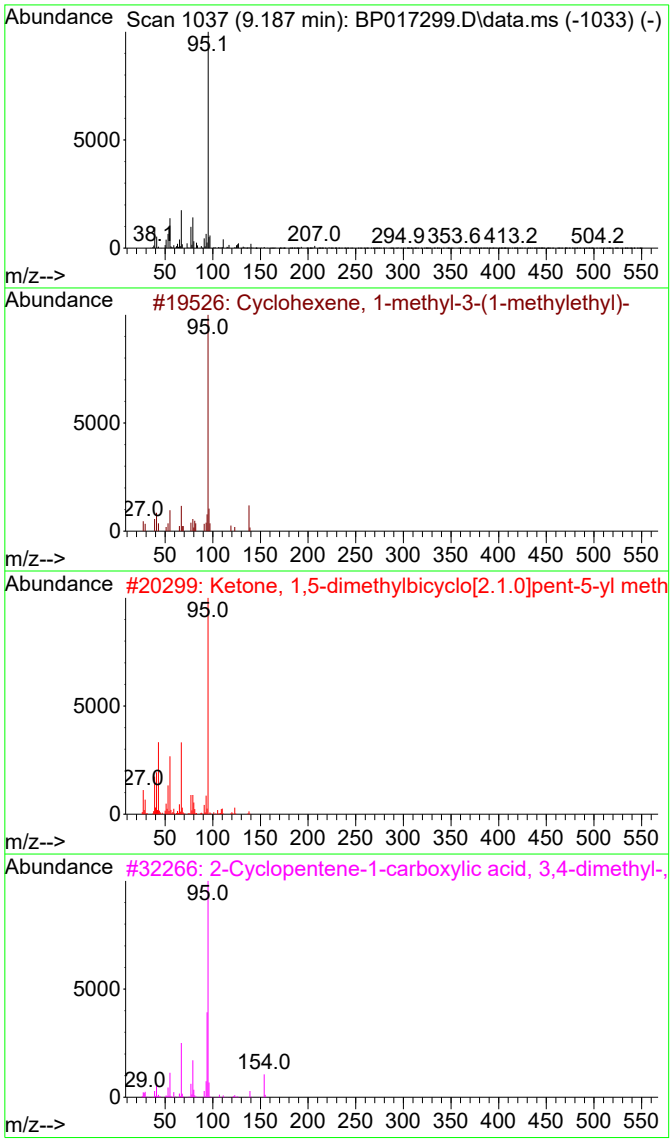
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

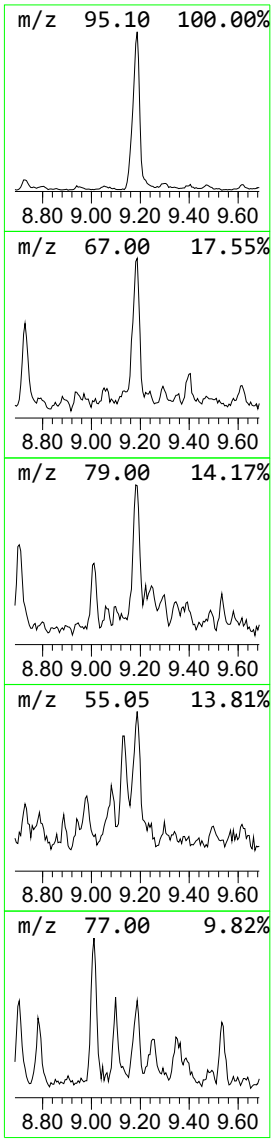
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclohexene, 1-methyl-3-(1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.187	4.31 ng/ul	269245	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	72
2	Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	64
3	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	062185-63-1	64
4	endo-Borneol	154	C10H18O	000507-70-0	50
5	Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	50





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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

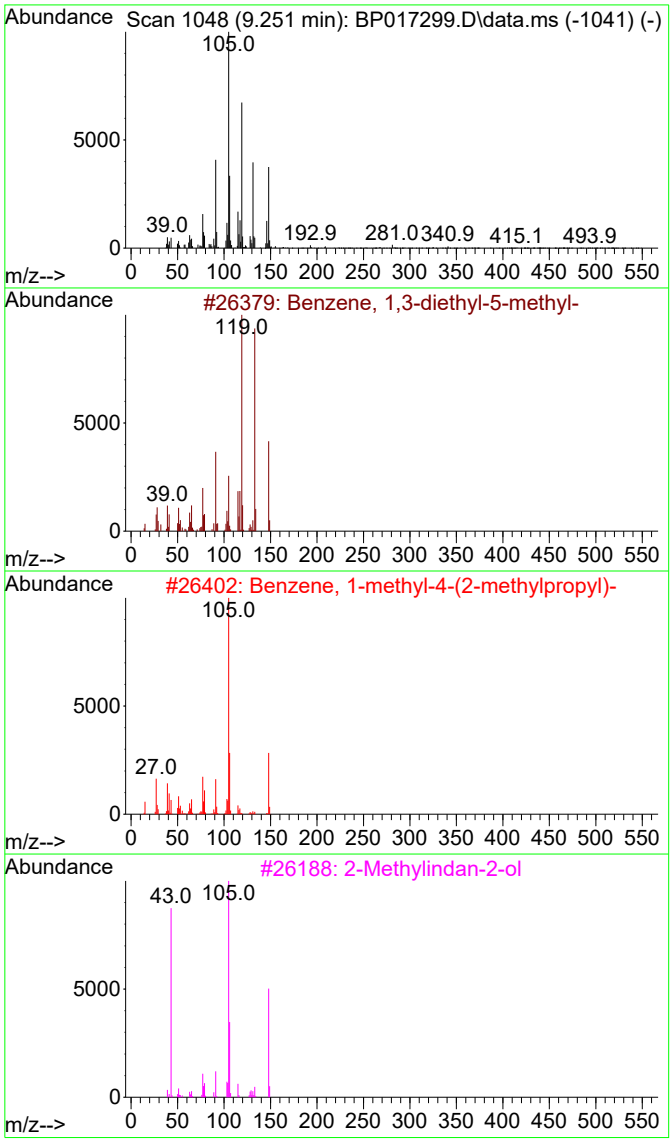
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

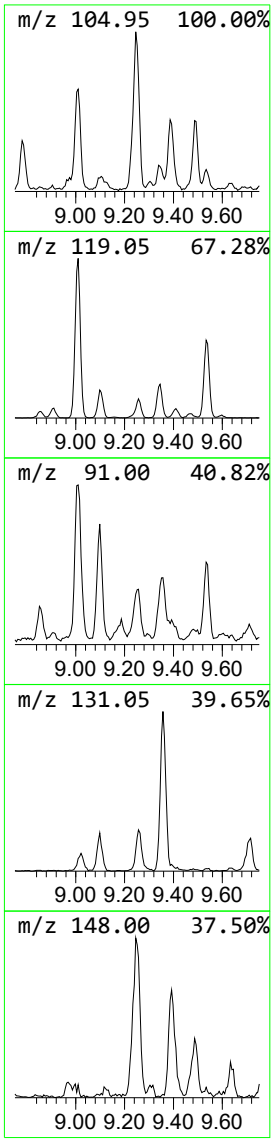
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	3.01 ng/ul	188222	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	35
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	30
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	30
5	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	30





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Operator : MA/JU
Sample : 04410-14
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

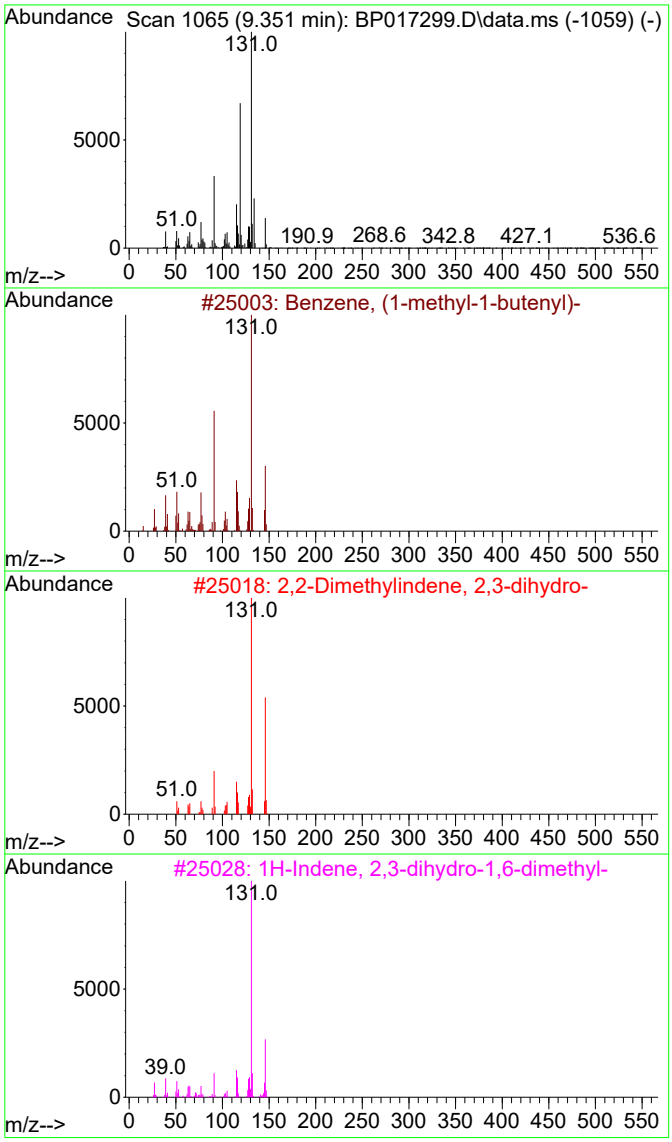
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

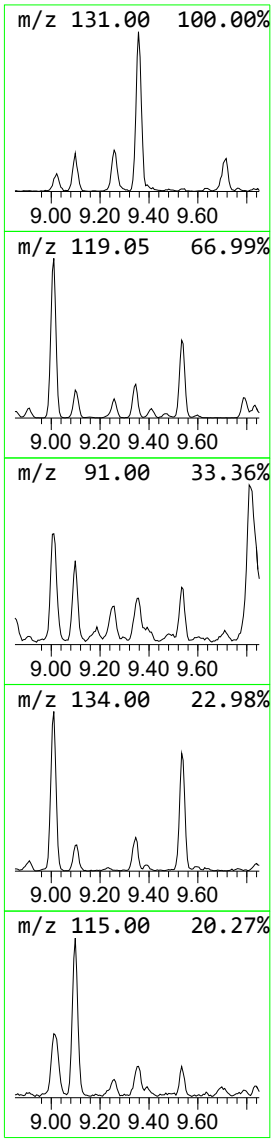
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, (1-methyl-1-butenyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	2.82 ng/ul	234508	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

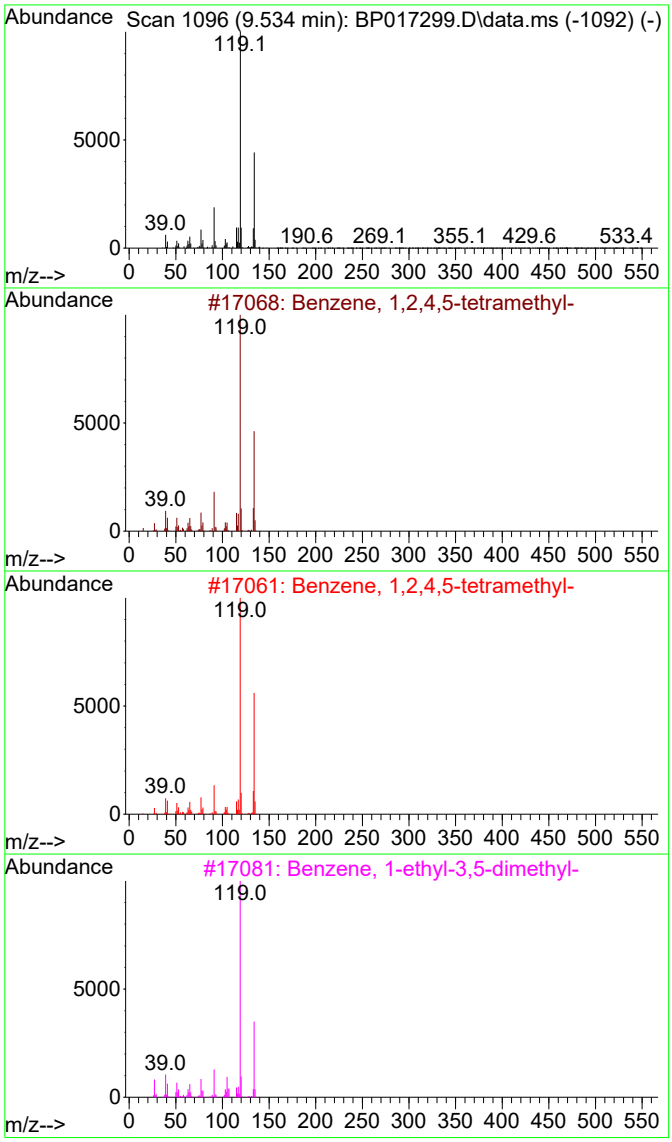
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

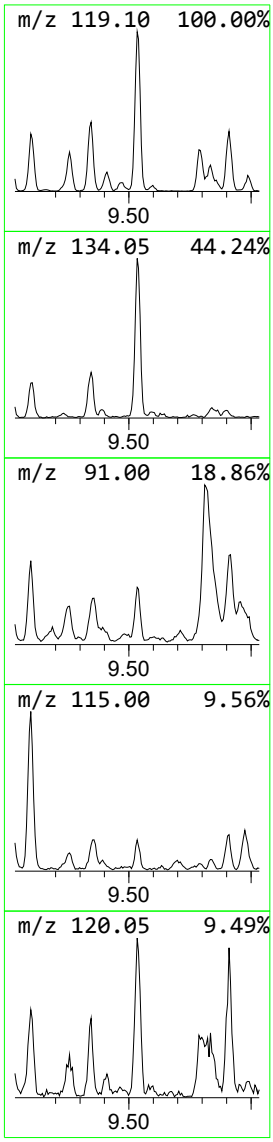
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	2.62 ng/ul	218290	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

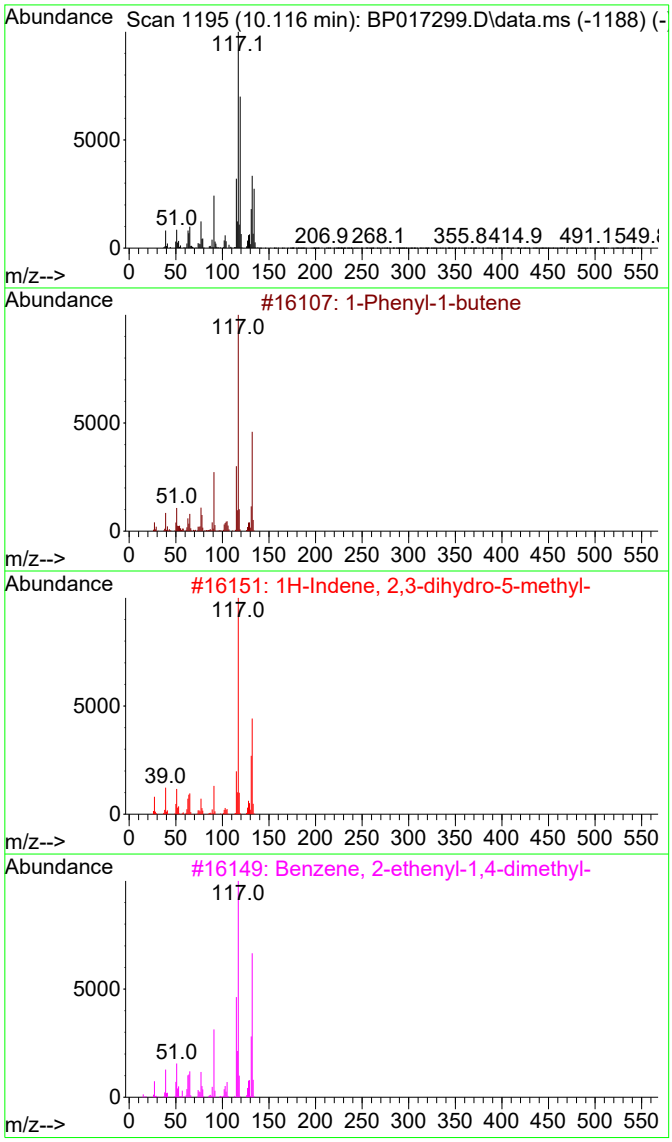
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

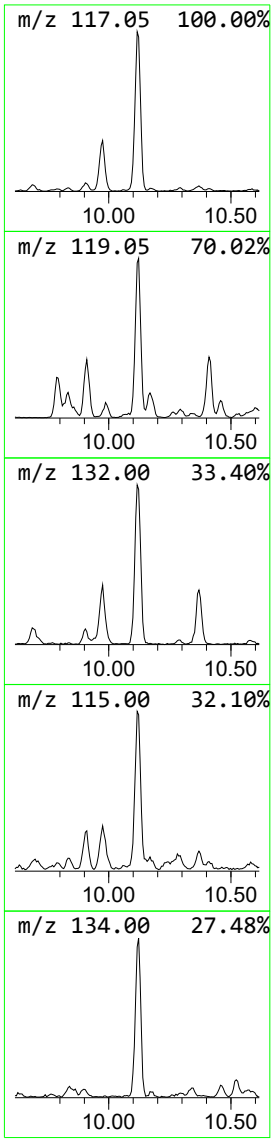
****

Peak Number 31 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	7.26 ng/ul	604559	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87





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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

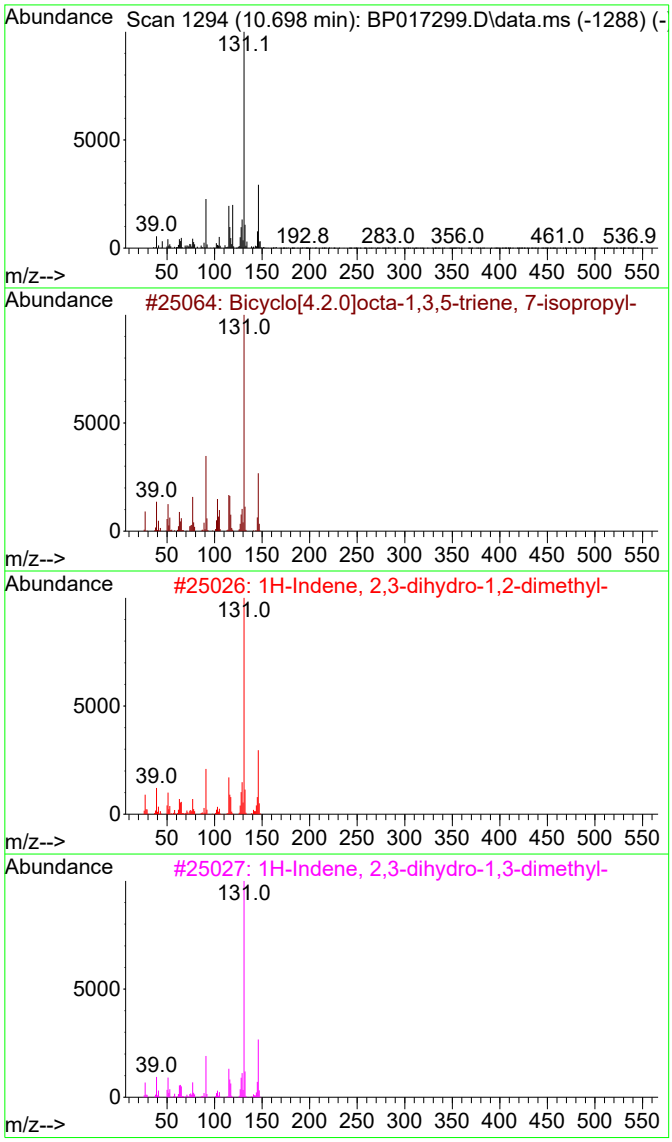
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

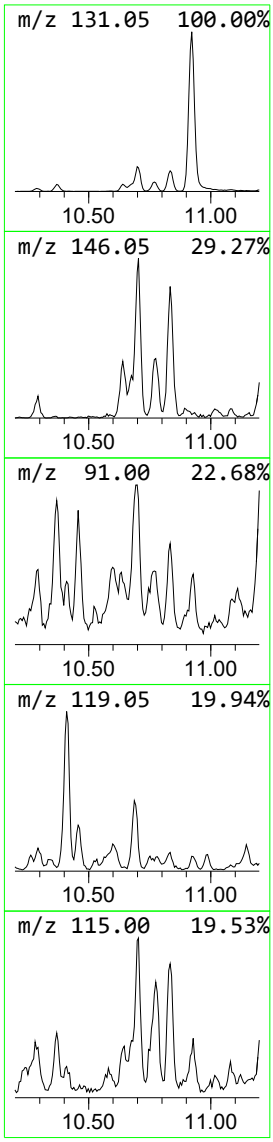
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	2.69 ng/ul	223875	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83





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Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

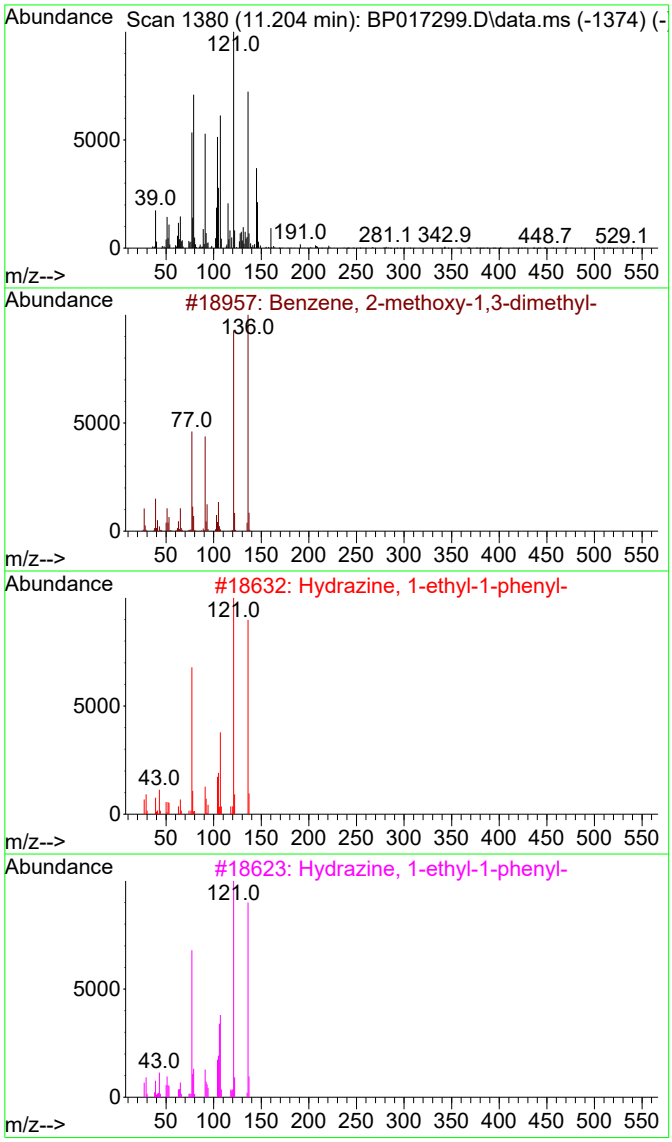
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

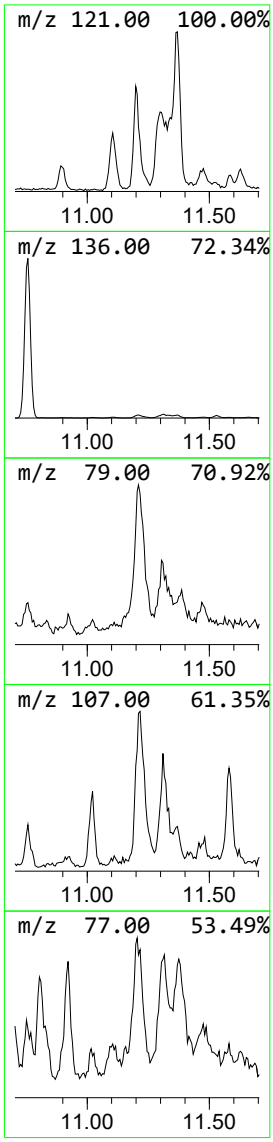
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 2-methoxy-1,3-dime... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.99 ng/ul	248859	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	60
2	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	53
3	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	46
4	2,3-Dimethylanisole	136	C9H12O	002944-49-2	45
5	2,5-Dimethylanisole	136	C9H12O	001706-11-2	45





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Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

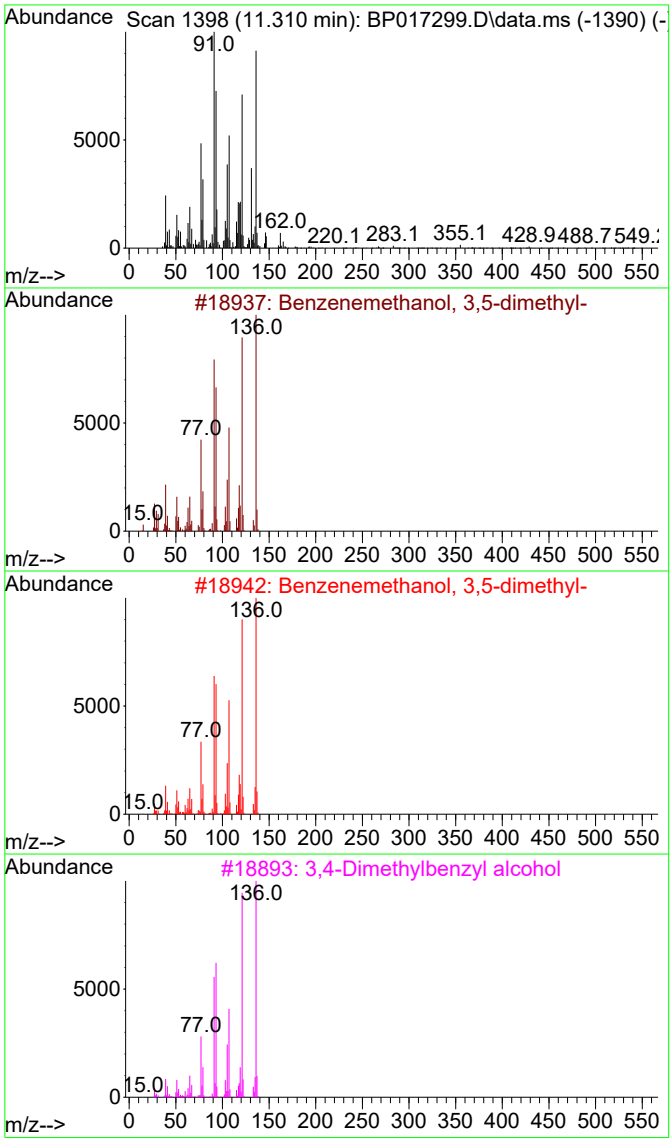
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

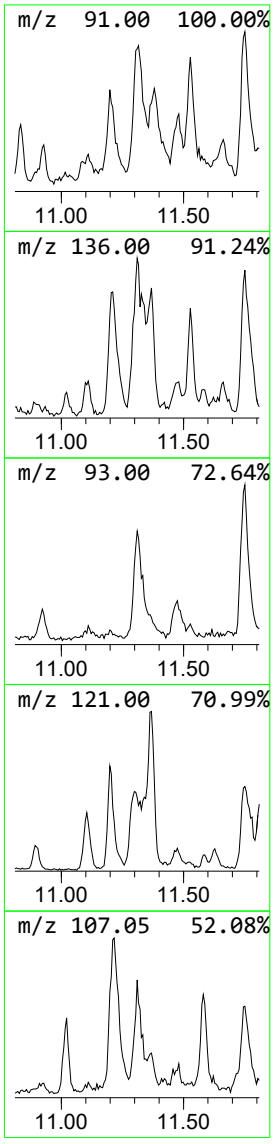
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzenemethanol, 3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	3.28 ng/ul	272828	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	94
2	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	76
3	3,4-Dimethylbenzyl alcohol	136	C9H12O	006966-10-5	70
4	Benzenemethanol, 2,4-dimethyl-	136	C9H12O	016308-92-2	64
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	55





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Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

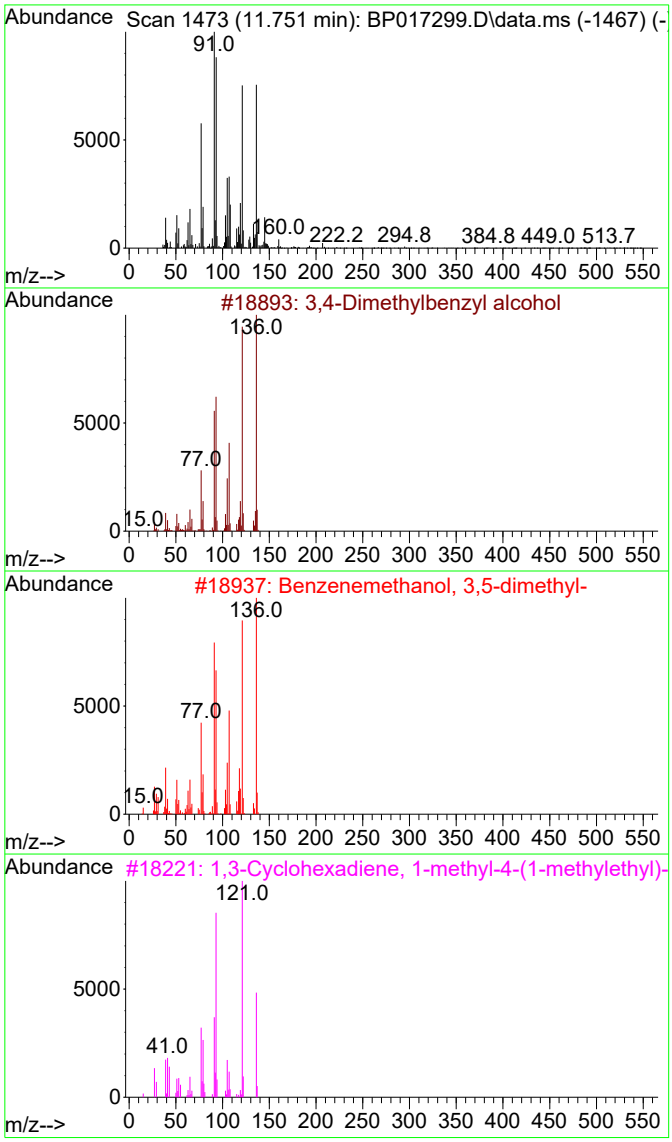
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

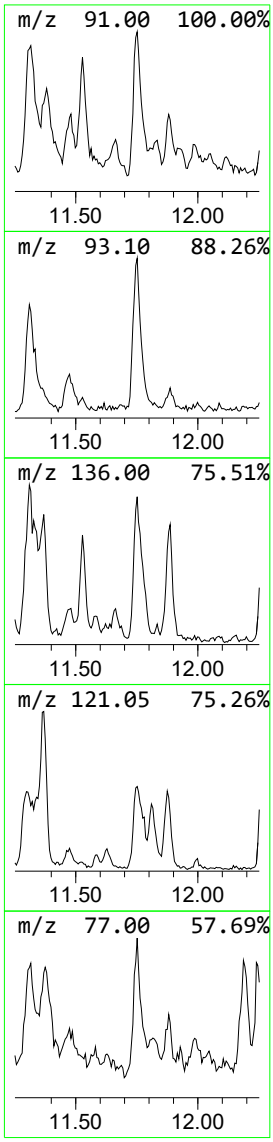
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 3,4-Dimethylbenzyl alcohol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	3.24 ng/ul	270004	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzyl alcohol	136	C9H12O	006966-10-5	83
2	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	81
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	76
4	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	74
5	2,5-Dimethylanisole	136	C9H12O	001706-11-2	70





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Operator : MA/JU
Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

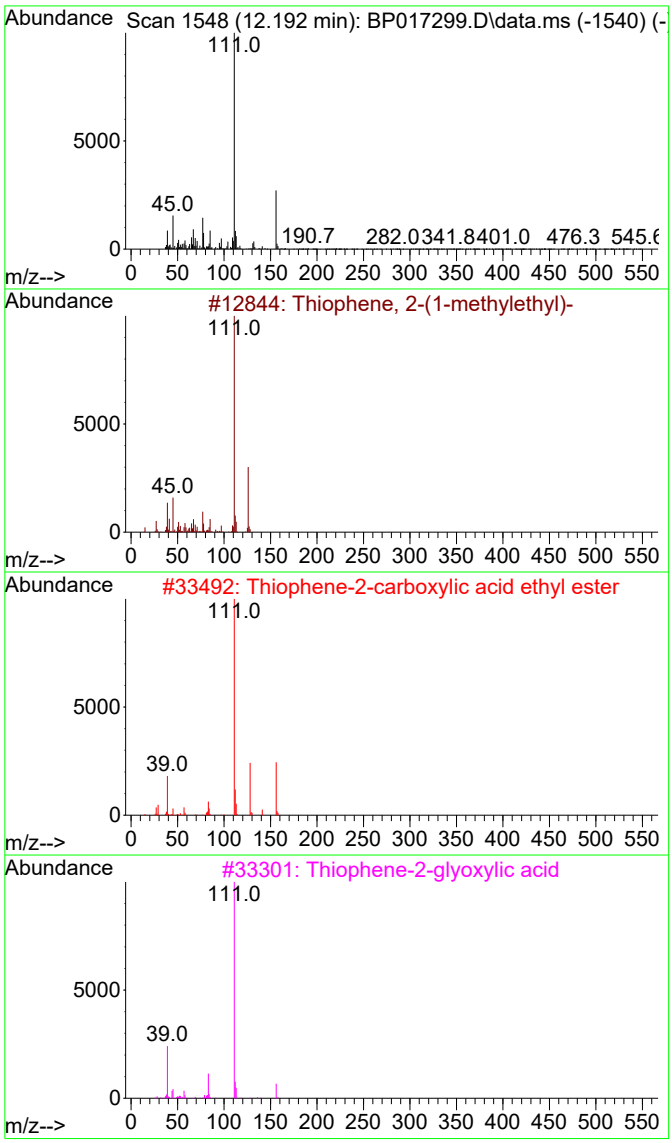
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

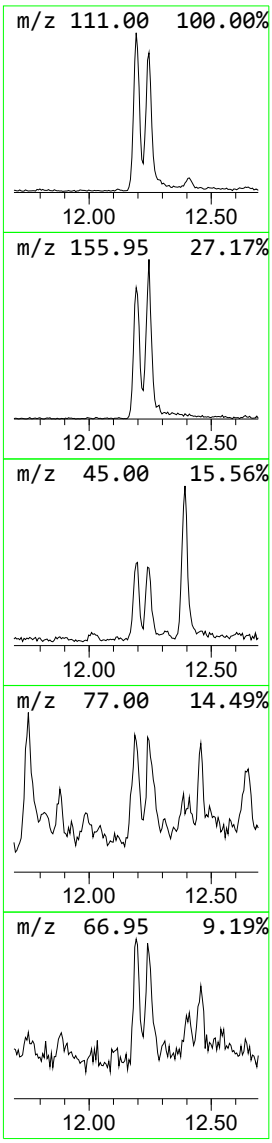
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Thiophene, 2-(1-methylethyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.20 ng/ul	266610	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	59
2	Thiophene-2-carboxylic acid ethy...	156	C7H8O2S	002810-04-0	59
3	Thiophene-2-glyoxylic acid	156	C6H4O3S	004075-59-6	59
4	Furan, 2-(1,2-dimethoxyethyl)-	156	C8H12O3	053914-27-5	59
5	2-Thiophenecarboxylic acid, 6-et...	268	C15H24O2S	1000278-87-6	53





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Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

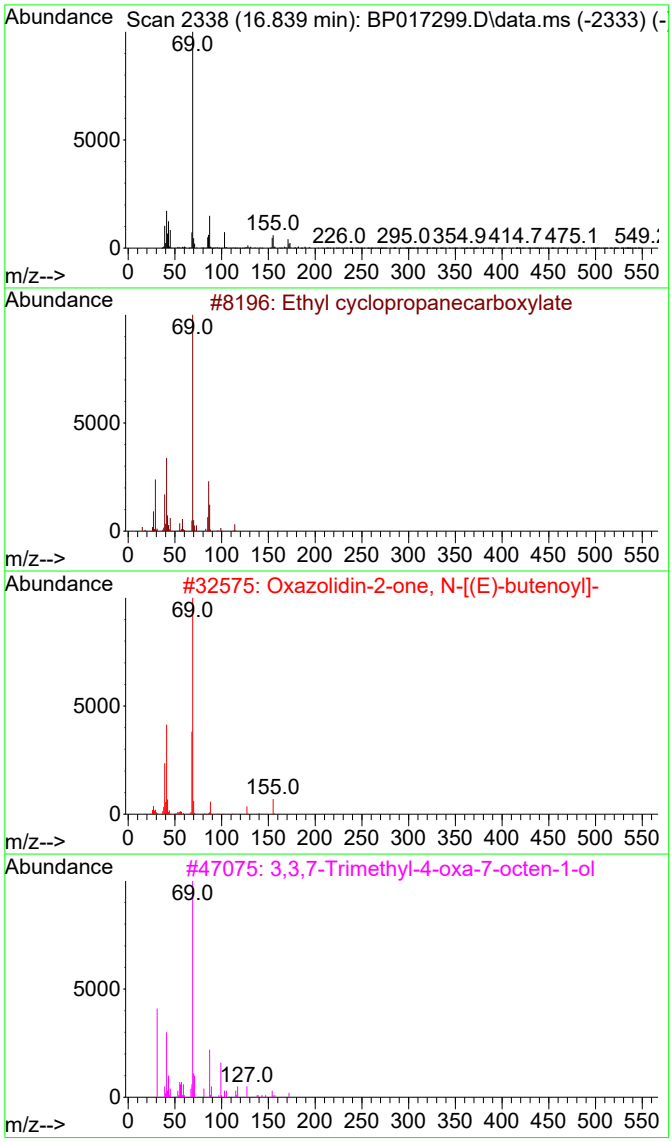
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

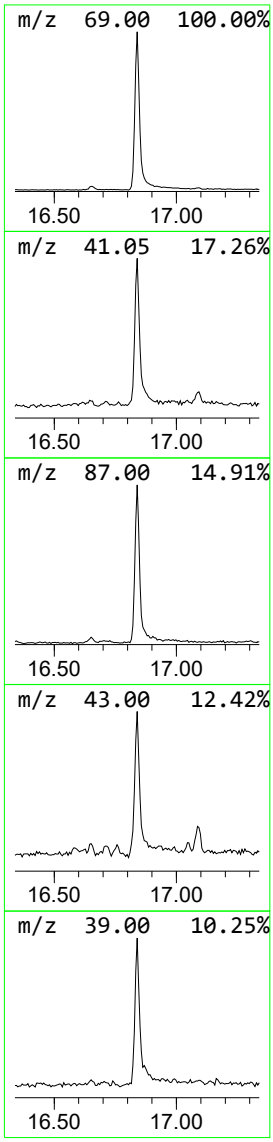
****

Peak Number 42 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.839	5.65 ng/ul	763887	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
2	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1010156-45-5	33
3	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9
4	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	9
5	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9





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Sample : 04410-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

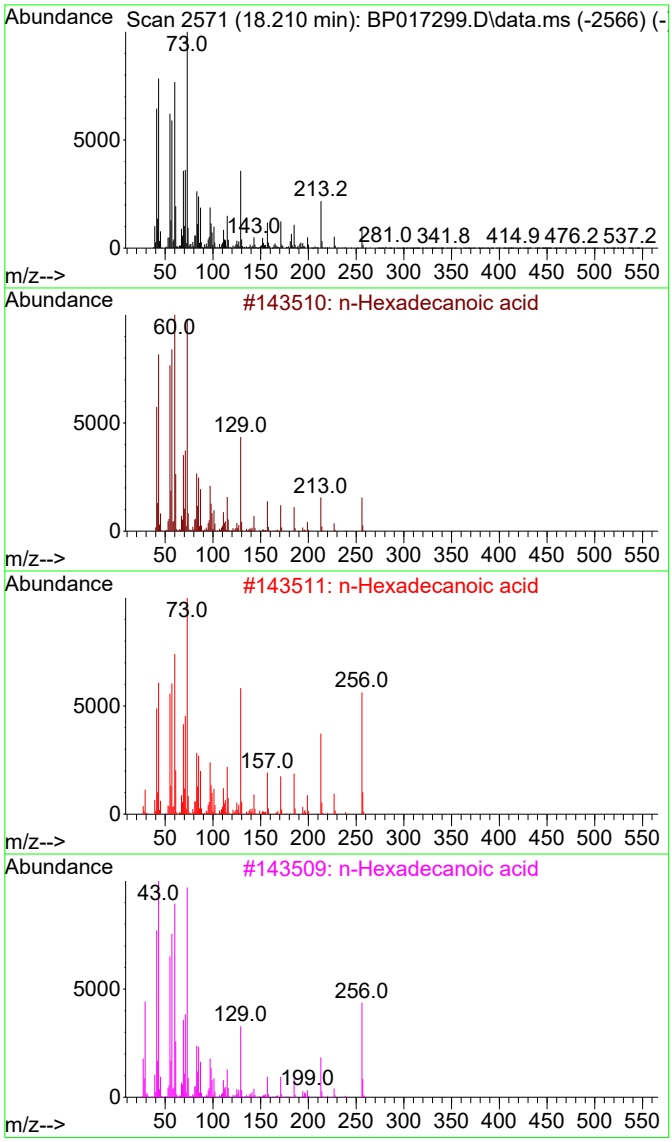
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

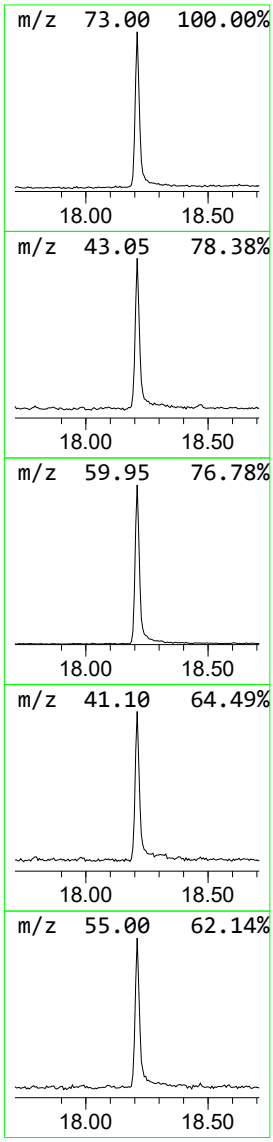
****

Peak Number 43 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	8.01 ng/ul	1083000	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHAD7

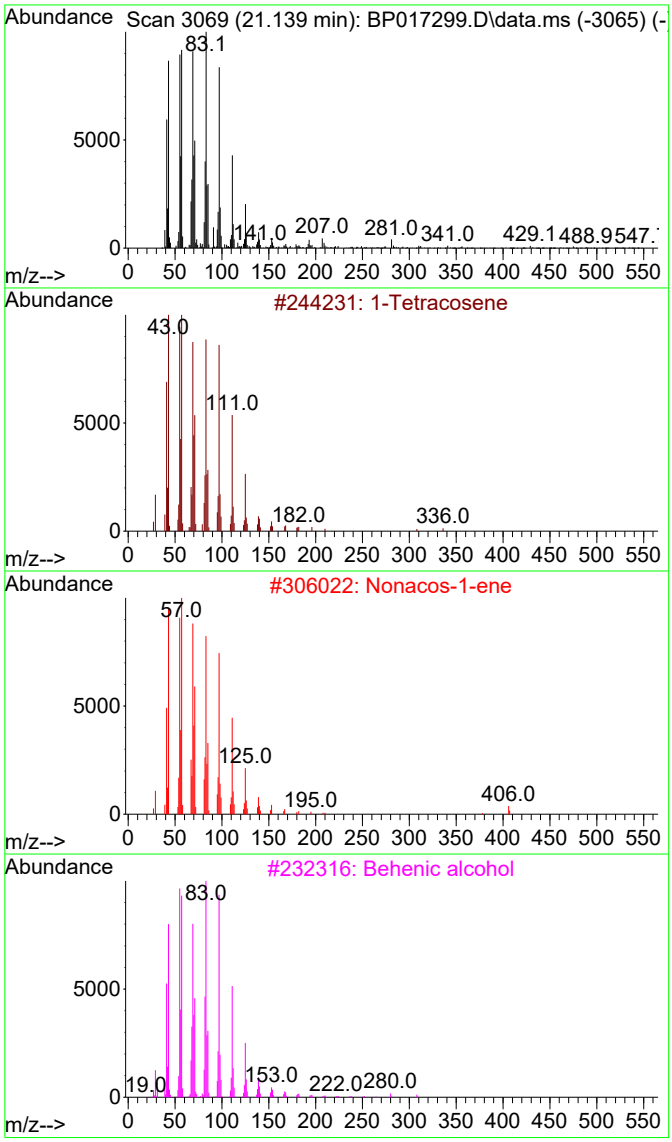
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

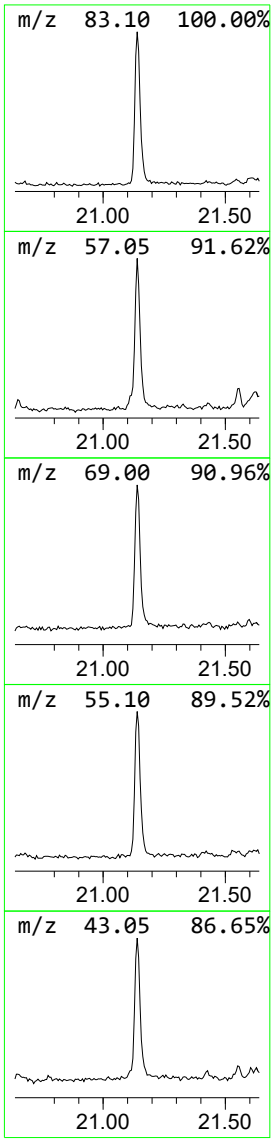
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	5.12 ng/ul	784986	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	Nonacos-1-ene	406	C29H58	018835-35-3	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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Data File : BP017299.D
Acq On : 22 Sep 2023 22:17
Operator : MA/JU
Sample : 04410-14
Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.534	2.7	ng/ul	168342	1	7.934	1250470	20.0
2-Pentanol, 2-m...	3.569	4.3	ng/ul	269316	1	7.934	1250470	20.0
3-Pentanol, 3-m...	3.840	3.0	ng/ul	188401	1	7.934	1250470	20.0
(DEL) Alkane: C...	4.205	2.1	ng/ul	129606	1	7.934	1250470	20.0
Cyclopentanol, ...	4.363	4.7	ng/ul	291874	1	7.934	1250470	20.0
(DEL) Alkane: C...	4.993	2.6	ng/ul	162849	1	7.934	1250470	20.0
(DEL) Alkane: C...	5.040	3.3	ng/ul	207778	1	7.934	1250470	20.0
(DEL) Alkane: S...	5.099	5.7	ng/ul	355926	1	7.934	1250470	20.0
Ethylbenzene	5.381	4.1	ng/ul	257033	1	7.934	1250470	20.0
Benzene, 1,3-di...	5.522	8.6	ng/ul	539378	1	7.934	1250470	20.0
o-Xylene	5.540	13.0	ng/ul	812928	1	7.934	1250470	20.0
1H-Pyrazole, 5-...	5.805	3.3	ng/ul	206532	1	7.934	1250470	20.0
p-Xylene	5.893	3.1	ng/ul	191133	1	7.934	1250470	20.0
Benzene, (1-met...	6.375	8.0	ng/ul	499602	1	7.934	1250470	20.0
(DEL) Alkane: C...	6.493	3.1	ng/ul	195935	1	7.934	1250470	20.0
Benzene, 1-ethy...	6.975	2.6	ng/ul	159950	1	7.934	1250470	20.0
Benzene, 1-ethy...	7.040	8.6	ng/ul	536118	1	7.934	1250470	20.0
Mesitylene	8.016	12.3	ng/ul	766653	1	7.934	1250470	20.0
Indane	8.287	6.1	ng/ul	382950	1	7.934	1250470	20.0
Benzene, 1,3-di...	8.387	4.6	ng/ul	289582	1	7.934	1250470	20.0
Benzene, 1-meth...	8.446	3.8	ng/ul	238280	1	7.934	1250470	20.0
Benzene, 1,4-di...	8.540	6.2	ng/ul	384829	1	7.934	1250470	20.0
Benzene, 1-meth...	8.704	3.6	ng/ul	227220	1	7.934	1250470	20.0
Benzene, 1-ethy...	9.010	8.4	ng/ul	527921	1	7.934	1250470	20.0
Cyclohexene, 1-...	9.187	4.3	ng/ul	269245	1	7.934	1250470	20.0
Benzene, 1,3-di...	9.251	3.0	ng/ul	188222	1	7.934	1250470	20.0
Benzene, (1-met...	9.351	2.8	ng/ul	234508	2	10.757	1664500	20.0
Benzene, 1,2,4,...	9.534	2.6	ng/ul	218290	2	10.757	1664500	20.0
1-Phenyl-1-butene	10.116	7.3	ng/ul	604559	2	10.757	1664500	20.0
Bicyclo[4.2.0]o...	10.698	2.7	ng/ul	223875	2	10.757	1664500	20.0
Benzene, 2-meth...	11.204	3.0	ng/ul	248859	2	10.757	1664500	20.0
Benzenemethanol...	11.310	3.3	ng/ul	272828	2	10.757	1664500	20.0
3,4-Dimethylben...	11.751	3.2	ng/ul	270004	2	10.757	1664500	20.0
Thiophene, 2-(1...	12.192	3.2	ng/ul	266610	2	10.757	1664500	20.0
unknown-01	16.839	5.7	ng/ul	763887	4	17.363	2705410	20.0
n-Hexadecanoic ...	18.210	8.0	ng/ul	1083000	4	17.363	2705410	20.0
(DEL) Alkane: S...	21.139	5.1	ng/ul	784986	5	21.468	3067820	20.0