LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

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-BP092424.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022116.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	402	407	416	rVB	795846	1478956	1.05%	0.260%
2	5.746	463	469	482	rVB	1126275	1800353	1.27%	0.317%
3	5.940	494	502	508	rBV	690061	1006373	0.71%	0.177%
4	6.234	546	552	564	rVB2	1844752	3056938	2.16%	0.538%
5	6.622	614	618	624	rVB	675765	1002352	0.71%	0.177%
6	6.805	639	649	654	rBV	1662304	2596540	1.84%	0.457%
7	6.863	654	659	666	rVV	2216556	3718120	2.63%	0.655%
8	6.940	666	672	679	rVB	1758400	2650647	1.88%	0.467%
9	7.099	692	699	702	rVV2	2289895	4192334	2.97%	0.738%
10	7.146	702	707	715	rVB	3739801	5900984	4.18%	1.039%
11	7.234	715	722	734	rBV	7120304	11842021	8.38%	2.086%
12	7.352	734	742	749	rVB2	5106016	8743524	6.19%	1.540%
13	7.699	790	801	804	rBV2	444865	873557	0.62%	0.154%
14	7.822	804	822	826	rVV	17605477	53111346	37.58%	9.354%
15	7.893	829	834	838	rVV	1763065	2627529	1.86%	0.463%
16	7.957	842	845	856	rVB2	1363723	2471440	1.75%	0.435%
17	8.146	870	877	880	rBV	2842373	4526214	3.20%	0.797%
18	8.175	880	882	888	rVB2	972097	1314679	0.93%	0.232%
19	8.334	903	909	914	rVV2	644160	1222231	0.86%	0.215%
20	8.416	919	923	930	rVV2	443916	835348	0.59%	0.147%
21	8.493	930	936	944	rVB2	541108	1040107	0.74%	0.183%
22	8.693	965	970	975	rVB2	634304	1087946	0.77%	0.192%
23	8.828	989	993	999	rVB2	368547	793552	0.56%	0.140%
24	9.116	1019	1042	1049	rBV	6264307	14540832	10.29%	2.561%
25	9.228	1049	1061	1065	rVV3	1849338	7629406	5.40%	1.344%
26	9.269	1065	1068	1073	rVB	629530	815968	0.58%	0.144%
27	9.410	1087	1092	1098	rVB	3073134	4649735	3.29%	0.819%
28	9.469	1098	1102	1108	rVB	728478	1096811	0.78%	0.193%
29	9.540	1108	1114	1117	rBV2	1031029	1980752	1.40%	0.349%
30	9.634	1123	1130	1135	rBV	3303794	5868290	4.15%	1.034%
31	9.728	1140	1146	1152	rVV3	776381	1652860	1.17%	0.291%
32	9.863	1162	1169	1174	rBV3	1122566	1933701	1.37%	0.341%
33	9.993	1185	1191	1198	rVB	696211	1267049	0.90%	0.223%
34	10.099	1202	1209	1215	rBV3	890371	1612927	1.14%	0.284%
35	10.157	1215	1219	1225	rVB2	697033	1171097	0.83%	0.206%
36	10.234	1225	1232	1243	rVB3	1009190	2033655	1.44%	0.358%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

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-BP092424.MA.M
Title : SVOA CALIBRATION

37	10.363	1243	1254	1256	rBV3	706491	1424541	1.01%	0.251%
38	10.457	1263	1270	1275	rBV2	1305135	2521497	1.78%	0.444%
39	10.510	1275	1279	1286	rVB2	850208	1659009	1.17%	0.292%
40	10.587	1286	1292	1298	rBV3	1038850	2260950	1.60%	0.398%
41	10.699	1306	1311	1314	rVV	985240	1498096	1.06%	0.264%
42	10.787	1320	1326	1330	rBV	1363981	2010049	1.42%	0.354%
43	10.840	1330	1335	1343	rVB2	2399923	4023616	2.85%	0.709%
44	11.046	1366	1370	1380	rVB3	509595	1315471	0.93%	0.232%
45	11.310	1410	1415	1419	rBV3	500556	817487	0.58%	0.144%
46	11.663	1469	1475	1478	rVV3	642749	1150582	0.81%	0.203%
47	11.722	1482	1485	1489	rVB	707437	959913	0.68%	0.169%
48	11.916	1514	1518	1524	rVB	1679749	2424175	1.72%	0.427%
49	11.998	1524	1532	1537	rBV3	898547	1699412	1.20%	0.299%
50	12.057	1537	1542	1548	rBV	663847	1187629	0.84%	0.209%
51	12.122	1548	1553	1557	rVV2	800737	1471560	1.04%	0.259%
52	12.163	1557	1560	1566	rVB	1042452	1511530	1.07%	0.266%
53	12.228	1566	1571	1576	rBV	369955	794799	0.56%	0.140%
54	12.281	1576	1580	1585	rBV4	477944	869378	0.62%	0.153%
55	12.334	1585	1589	1594	rVB	668579	1030335	0.73%	0.181%
56	12.410	1594	1602	1607	rBV2	1207836	2418528	1.71%	0.426%
57	12.540	1619	1624	1631	rBV4	1112992	2050759	1.45%	0.361%
58	12.604	1631	1635	1638	rBV2	501254	960540	0.68%	0.169%
59	12.681	1643	1648	1651	rVV2	1209456	2548481	1.80%	0.449%
60	12.728	1651	1656	1662	rVV2	2560877	4047050	2.86%	0.713%
61	12.881	1677	1682	1686	rBV	895035	1331656	0.94%	0.235%
62	12.987	1695	1700	1704	rBV3	465822	779106	0.55%	0.137%
63	13.063	1705	1713	1718	rVV	3717153	5980414	4.23%	1.053%
64	13.157	1722	1729	1734	rVB2	662663	1089749	0.77%	0.192%
65	13.275	1740	1749	1752	rBV	3345171	5121368	3.62%	0.902%
66	13.357	1759	1763	1770	rVB2	569353	1014796	0.72%	0.179%
67	13.451	1773	1779	1783	rBV	754131	1433569	1.01%	0.252%
68	13.581	1795	1801	1811	rVV	5781825	10965248	7.76%	1.931%
69	13.681	1811	1818	1822	rVV	4425762	7577190	5.36%	1.335%
70	13.716	1822	1824	1829	rVB	1220340	1345292	0.95%	0.237%
71	13.834	1837	1844	1849	rBV	1925939	3239572	2.29%	0.571%
72	13.998	1867	1872	1875	rBV2	1197416	1761064	1.25%	0.310%
73	14.034	1875	1878	1881	rVV	1289144	1825663	1.29%	0.322%
74	14.087	1881	1887	1893	rVV	2896414	6374030	4.51%	1.123%
75	14.222	1905	1910	1916	rBV	915195	1340259	0.95%	0.236%
76	14.310	1916	1925	1930	rBV	1085357	1882131	1.33%	0.331%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

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-BP092424.MA.M
Title : SVOA CALIBRATION

77	14.434	1939	1946	1953	rVB10	535998	1355789	0.96%	0.239%
78	14.528	1953	1962	1969	rBV5	1015679	2932450	2.07%	0.516%
79	14.669	1976	1986	1989	rBV2	8041972	17973443	12.72%	3.166%
80	14.816	2006	2011	2017	rBV4	644046	1181978	0.84%	0.208%
81	14.981	2028	2039	2051	rVB	32951026	72240989	51.12%	12.724%
82	15.328	2092	2098	2103	rVB	1874428	2736878	1.94%	0.482%
83	15.434	2110	2116	2121	rBV2	1592899	2545308	1.80%	0.448%
84	15.692	2155	2160	2167	rVB	877173	1207761	0.85%	0.213%
85	16.210	2230	2248	2254	rBV2	16980156	35021418	24.78%	6.168%
86	16.804	2331	2349	2354	rBV2	40506051	141327117	100.00%	24.892%
87	16.928	2365	2370	2374	rVB2	548313	810652	0.57%	0.143%
88	17.116	2396	2402	2411	rVV	1708434	2927023	2.07%	0.516%
89	17.222	2411	2420	2426	rVB2	1974325	3509552	2.48%	0.618%
90	17.422	2450	2454	2460	rVV5	840334	1535668	1.09%	0.270%
91	17.480	2460	2464	2477	rVB	1462405	3324052	2.35%	0.585%
92	18.045	2554	2560	2566	rBV4	480190	929566	0.66%	0.164%
93	18.104	2566	2570	2576	rVB3	640751	817949	0.58%	0.144%
94	18.375	2608	2616	2619	rVV	649911	1185122	0.84%	0.209%
95	18.769	2678	2683	2687	rBV	689327	892031	0.63%	0.157%
96	19.127	2739	2744	2752	rBV5	456105	818540	0.58%	0.144%
97	19.592	2817	2823	2834	rVB	2866720	3687895	2.61%	0.650%
98	21.527	3147	3152	3160	rVB2	1412796	2366493	1.67%	0.417%
99	24.598	3664	3674	3686	rVB	1462637	3966893	2.81%	0.699%
100	24.815	3702	3711	3725	rVB	1021747	2612776	1.85%	0.460%

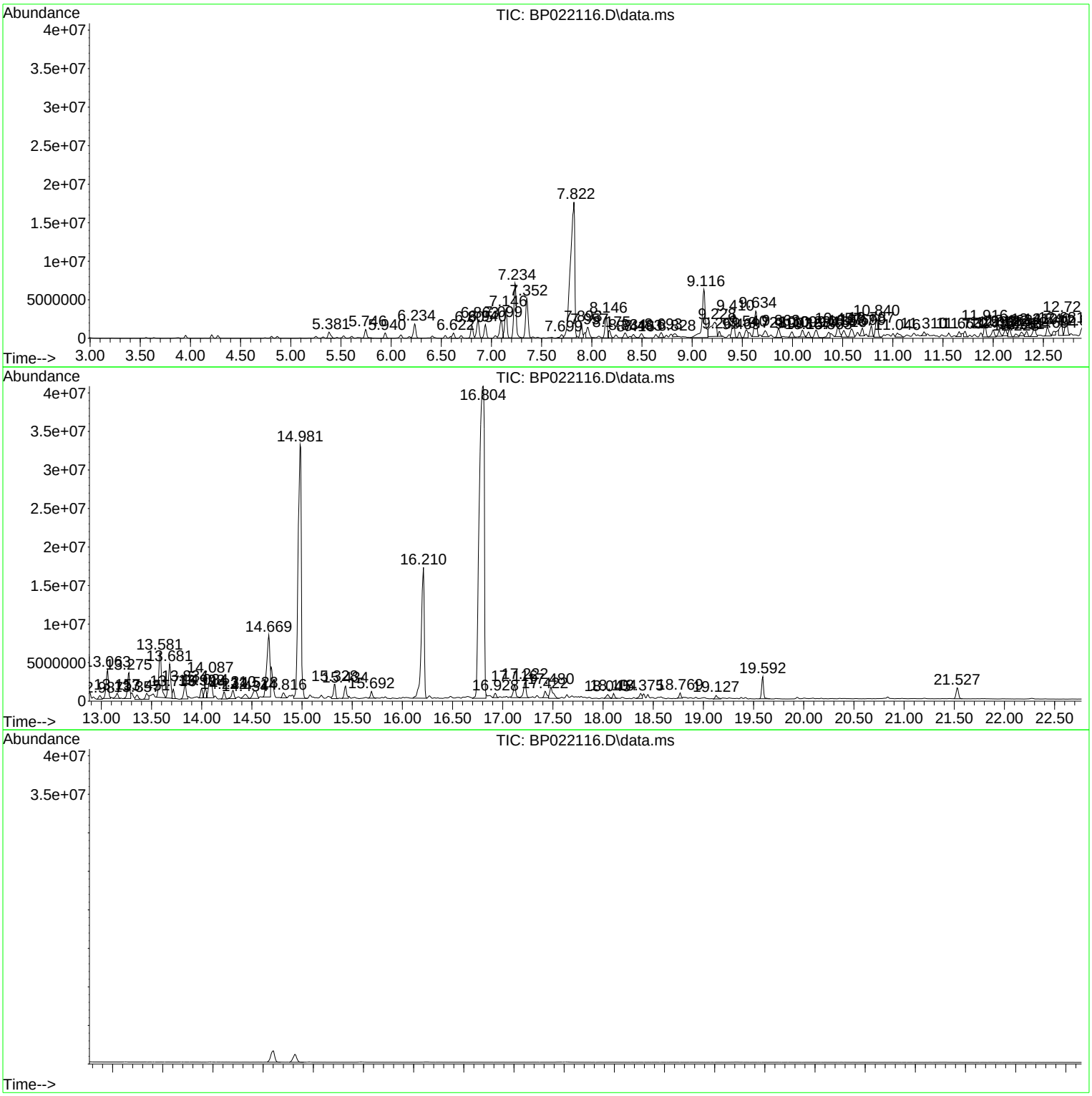
Sum of corrected areas: 567770011

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.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\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

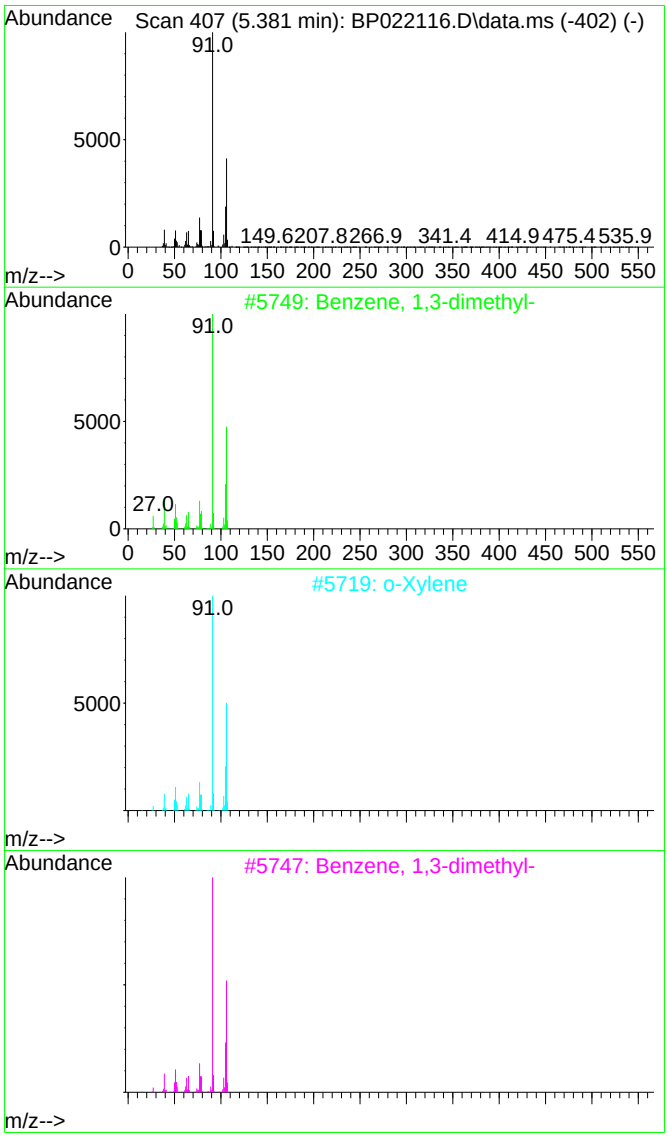
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

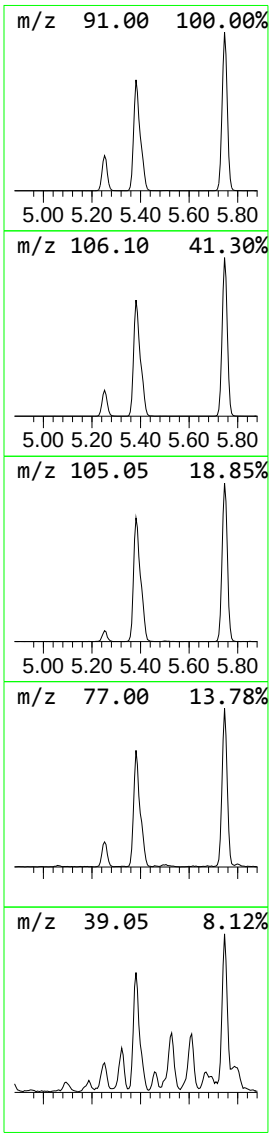
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.381	33.86 ng/ul	1478960	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	94
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

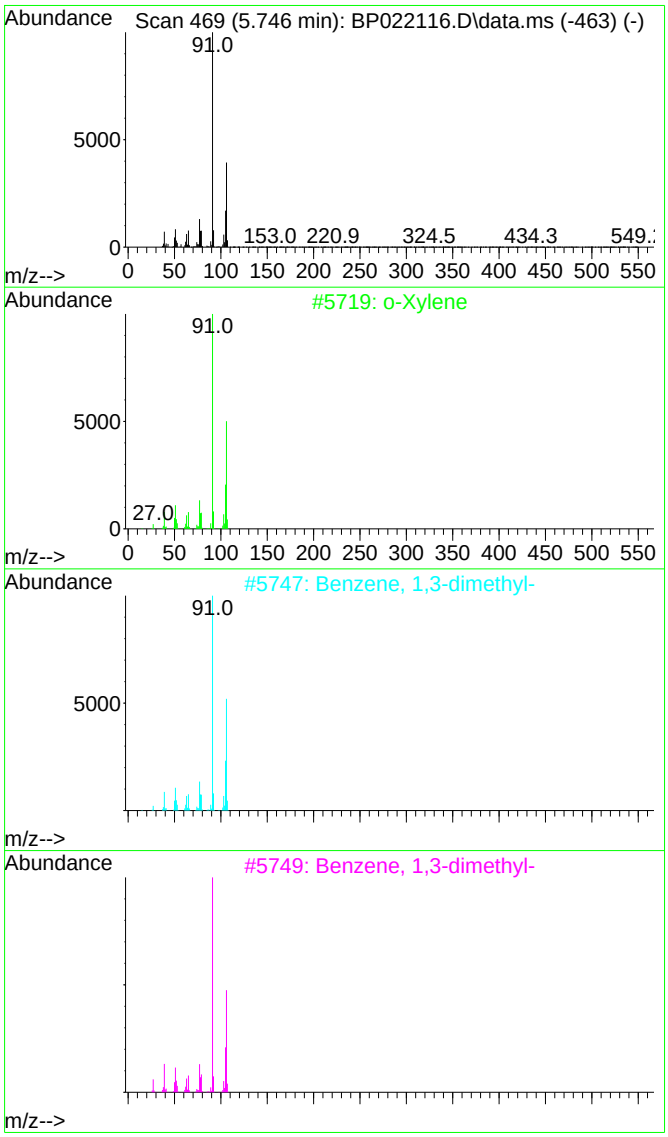
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

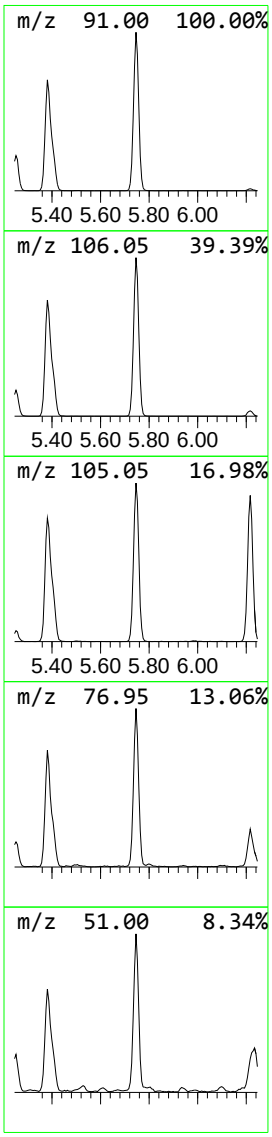
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 o-Xylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.746	41.22 ng/ul	1800350	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

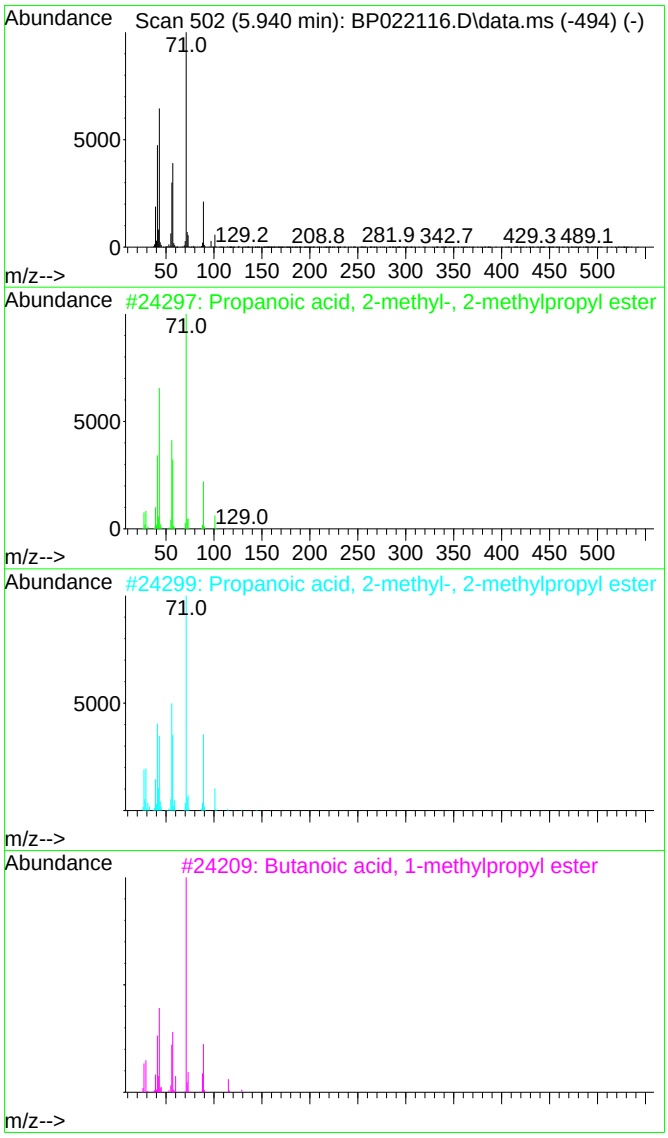
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

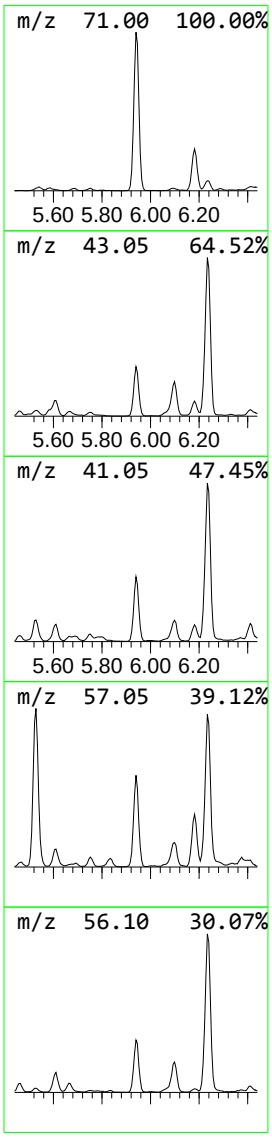
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	23.04 ng/ul	1006370	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	86
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	64
3	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	56
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	56
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

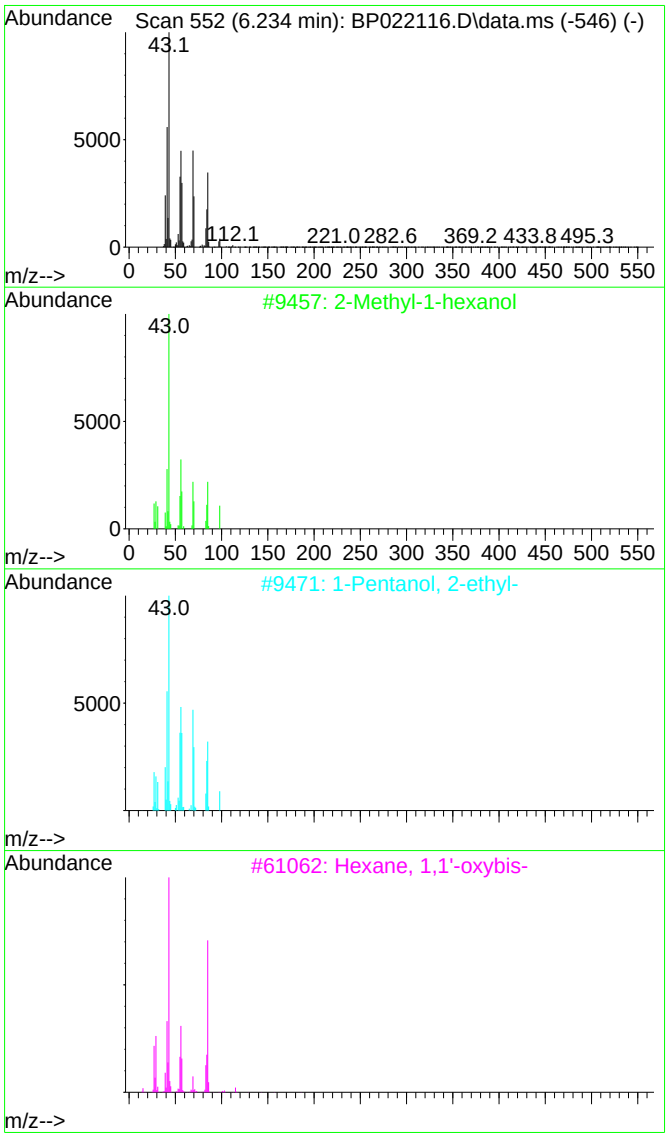
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

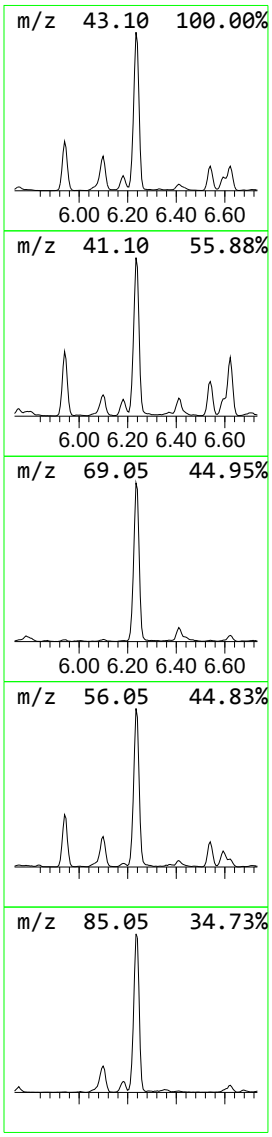
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Methyl-1-hexanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.234	69.99 ng/ul	3056940	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	90
2	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	83
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
4	Octane, 4-methyl-	128	C9H20	002216-34-4	53
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

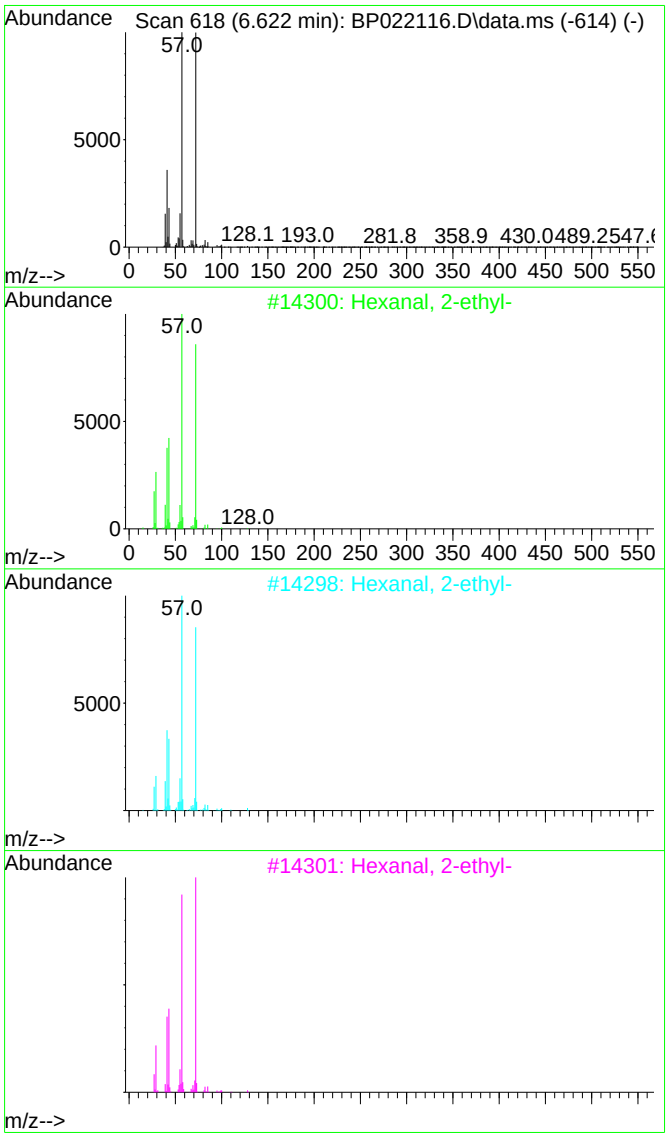
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

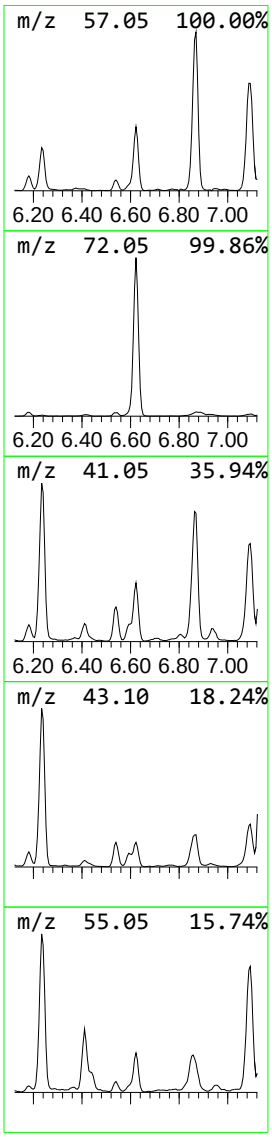
****

Peak Number 5 Hexanal, 2-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	22.95 ng/ul	1002350	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	80
2	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	64
3	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	56
4	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	50
5	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	35





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Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

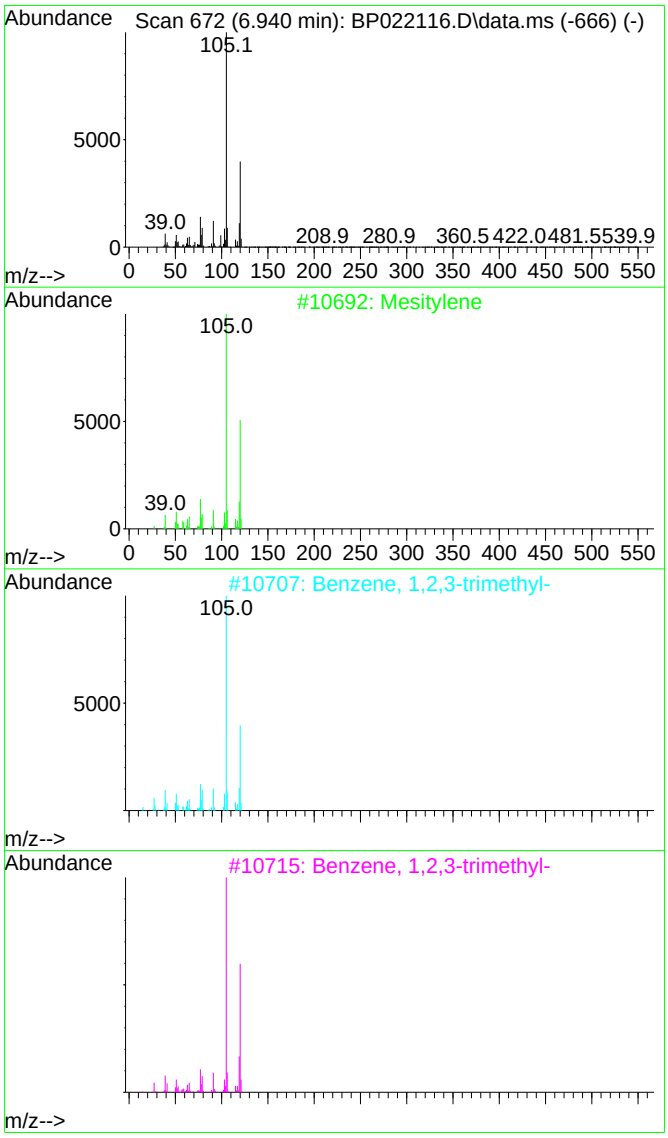
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

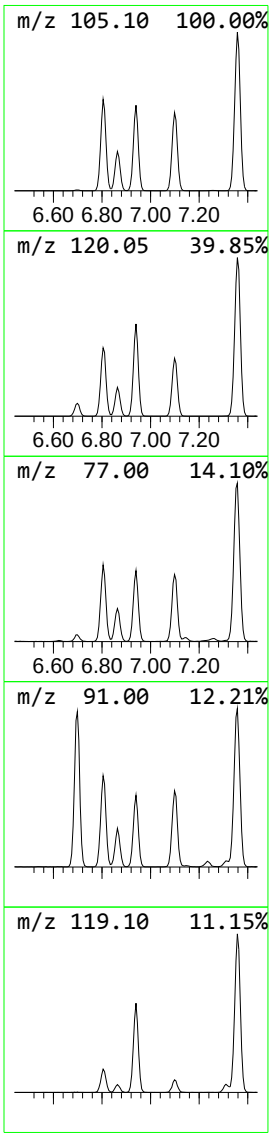
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	60.69 ng/ul	2650650	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

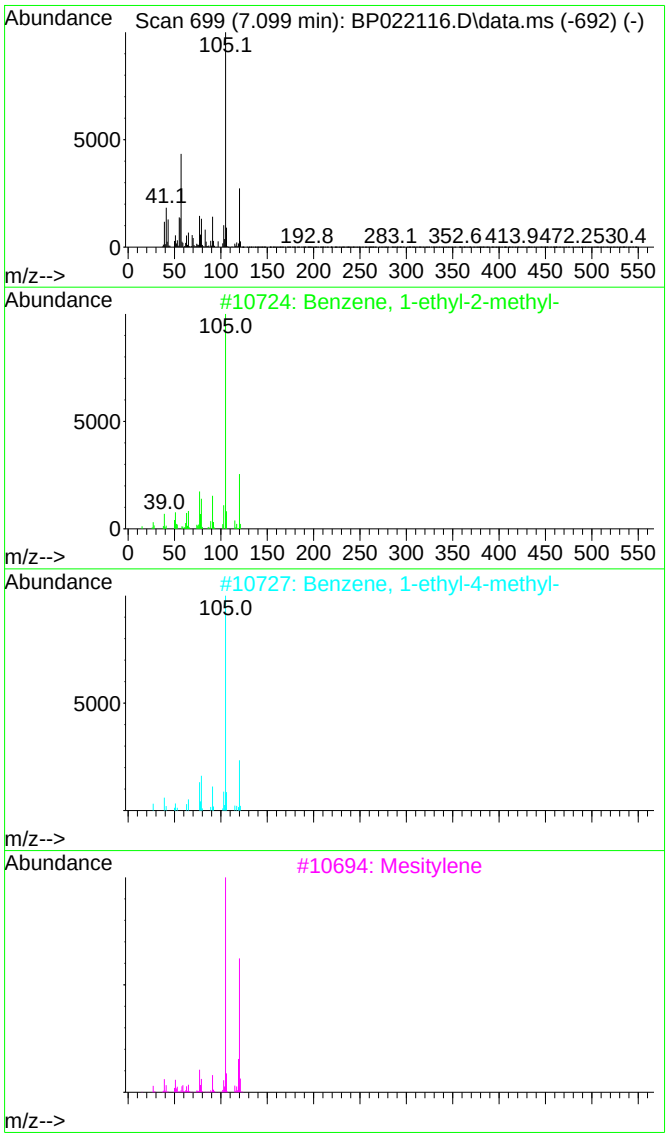
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

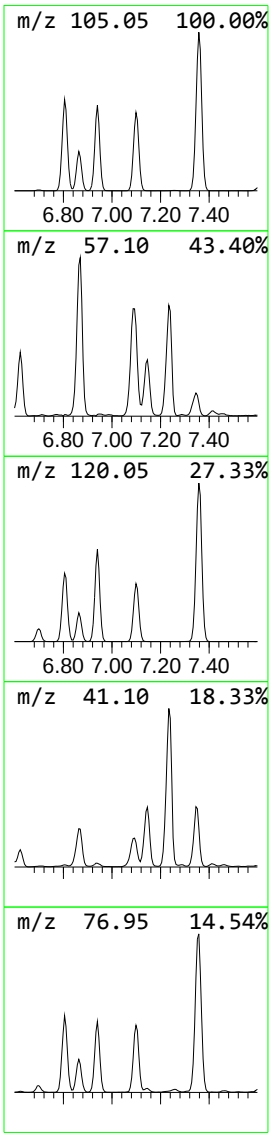
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.099	95.98 ng/ul	4192330	1,4-Dichlorobenzene-d4	7.699

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-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	81
4	Mesitylene	120	C9H12	000108-67-8	81
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

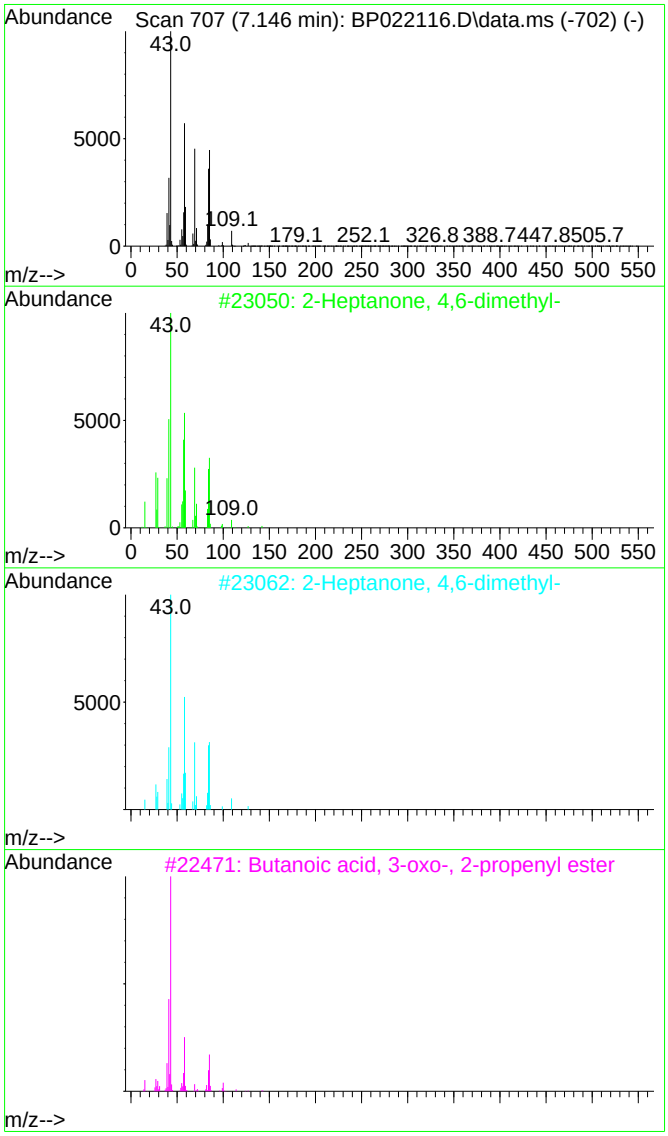
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

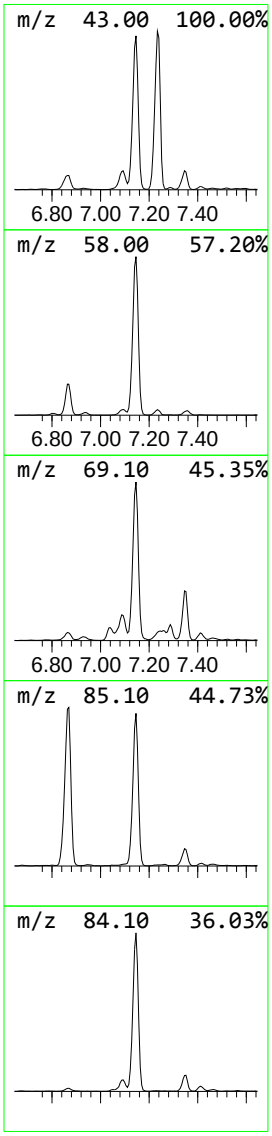
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Heptanone, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.146	135.10 ng/ul	5900980	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
3	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	50
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	43
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	43





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Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

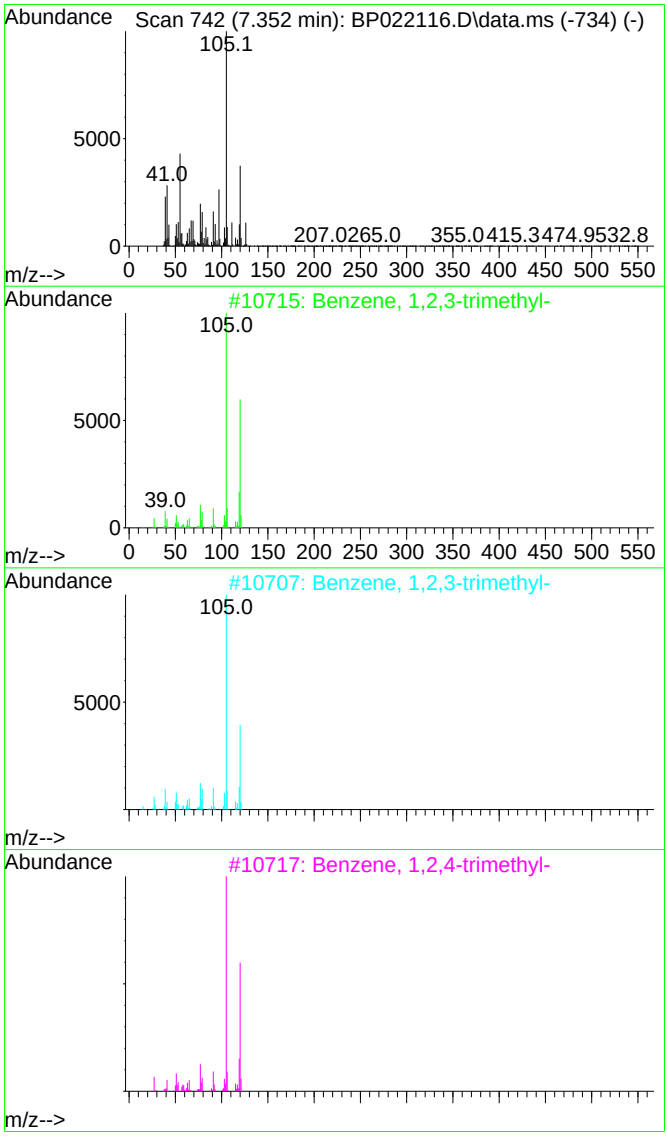
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

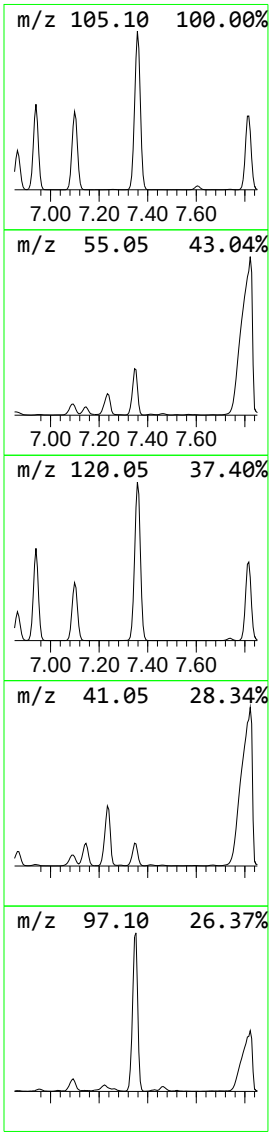
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.352	200.18 ng/ul	8743520	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

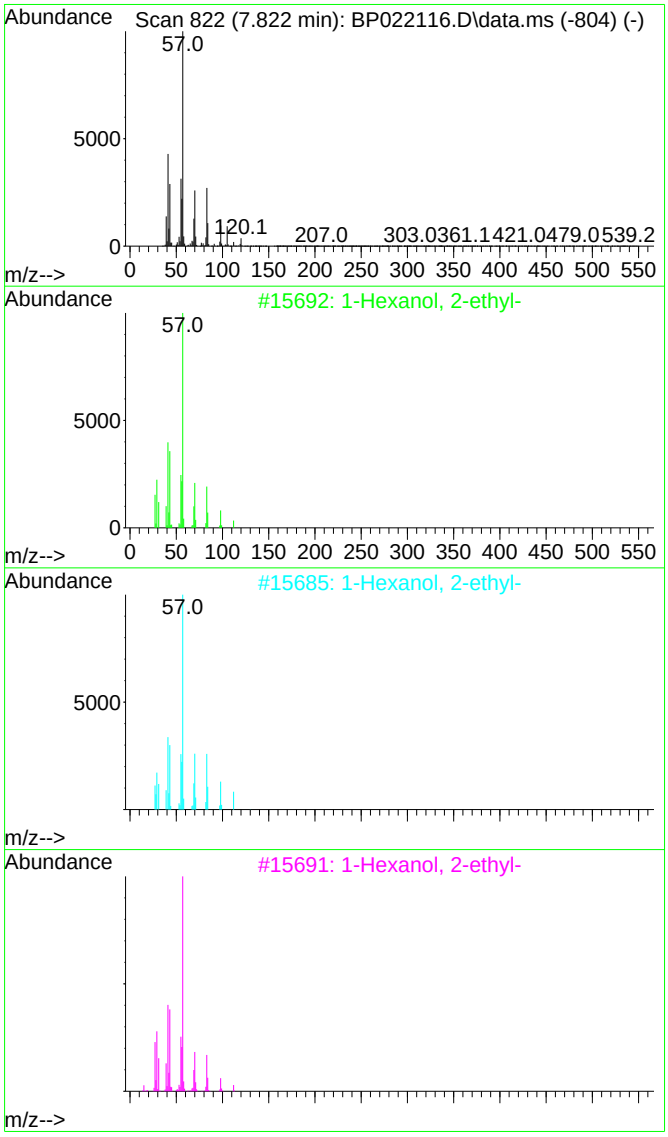
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

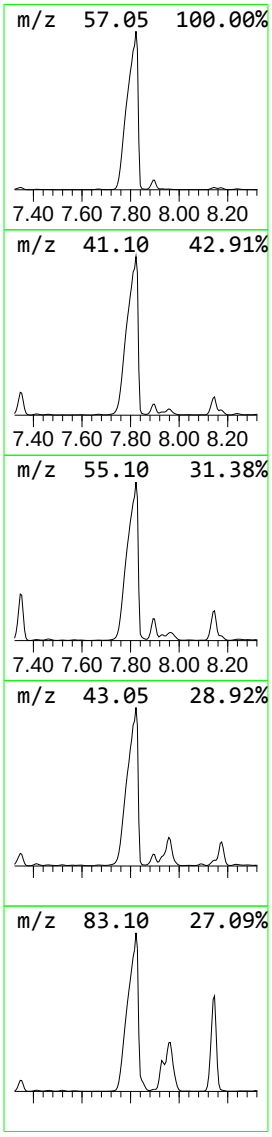
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.822	1215.98 ng/ul	53111300	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	50





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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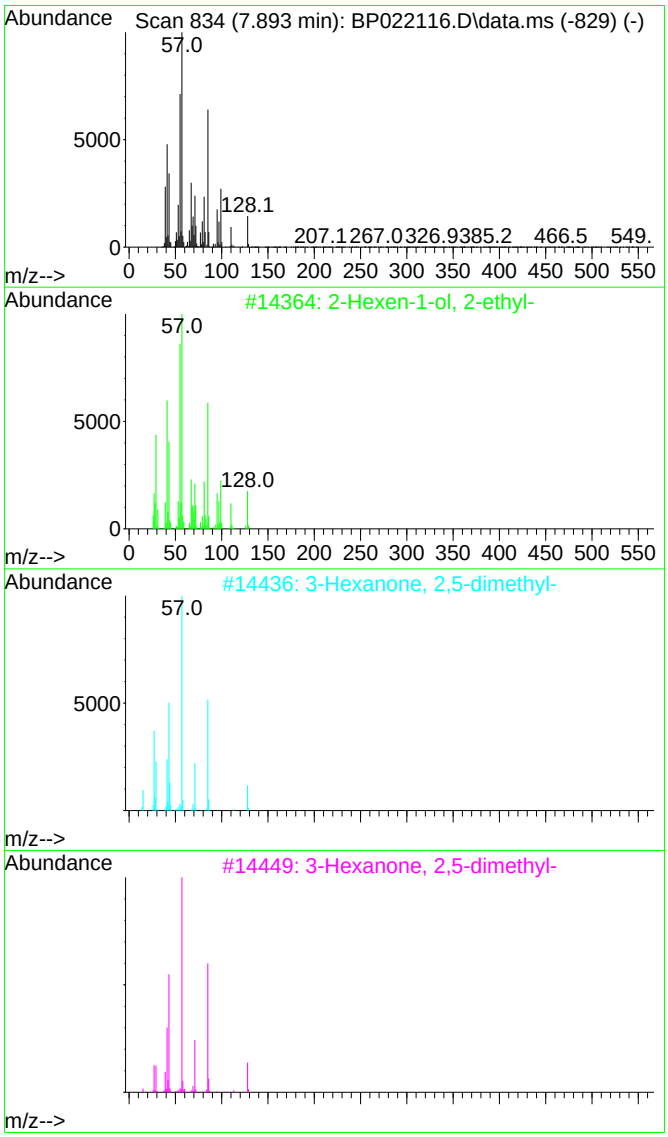
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

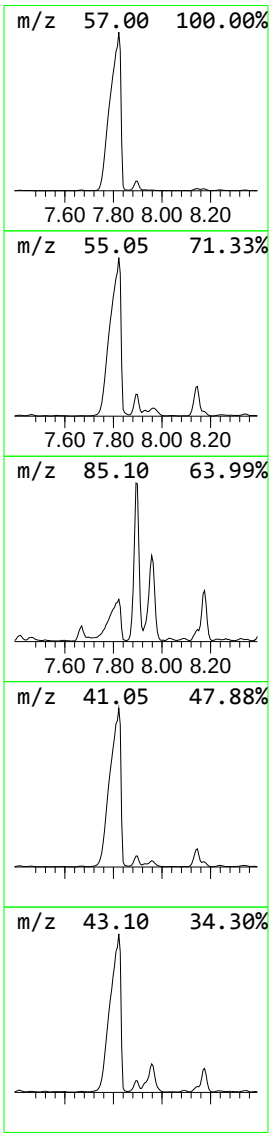
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Hexen-1-ol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.893	60.16 ng/ul	2627530	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexen-1-ol, 2-ethyl-	128	C8H16O	050639-00-4	76
2	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	46
3	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	46
4	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	45
5	2-Hexen-1-ol, 2-ethyl-	128	C8H16O	050639-00-4	43





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

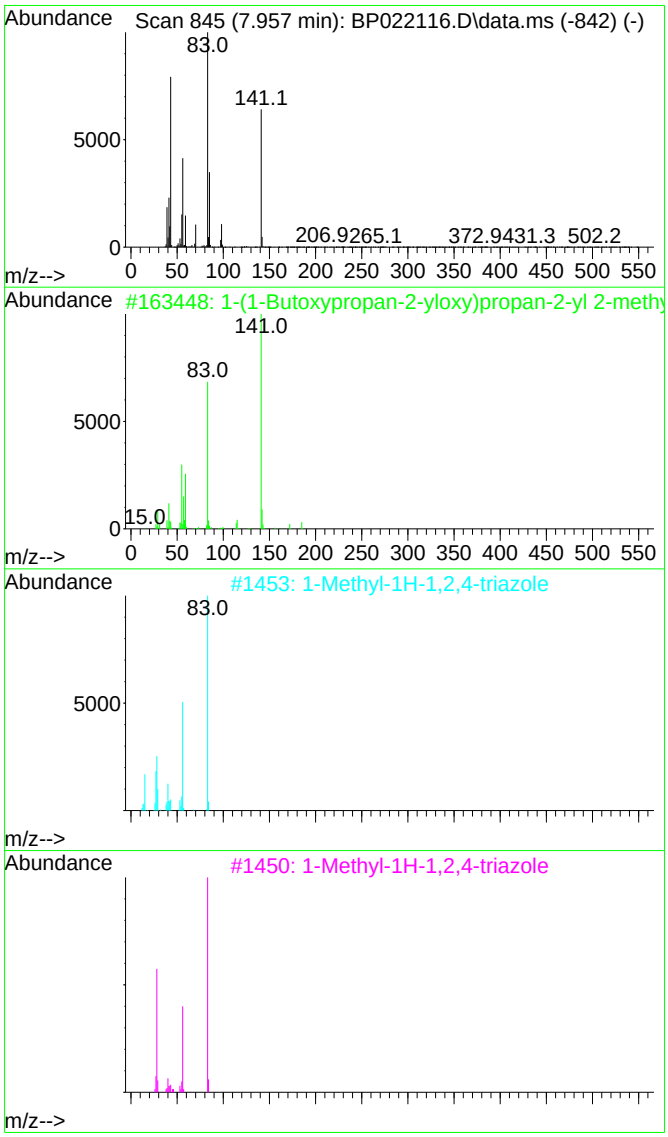
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

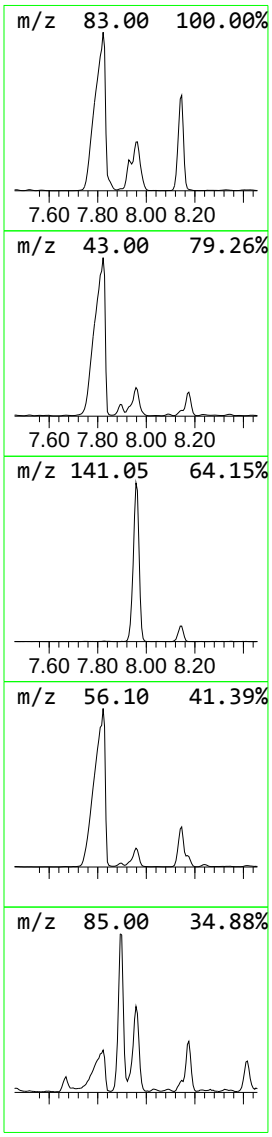
****

Peak Number 12 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.957	56.58 ng/ul	2471440	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	272	C15H28O4	1000367-11-0	47
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	43
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	43
4	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	27
5	4(1H)-Pyrimidinone, 2-amino-6-hy...	141	C5H7N3O2	006627-65-2	22





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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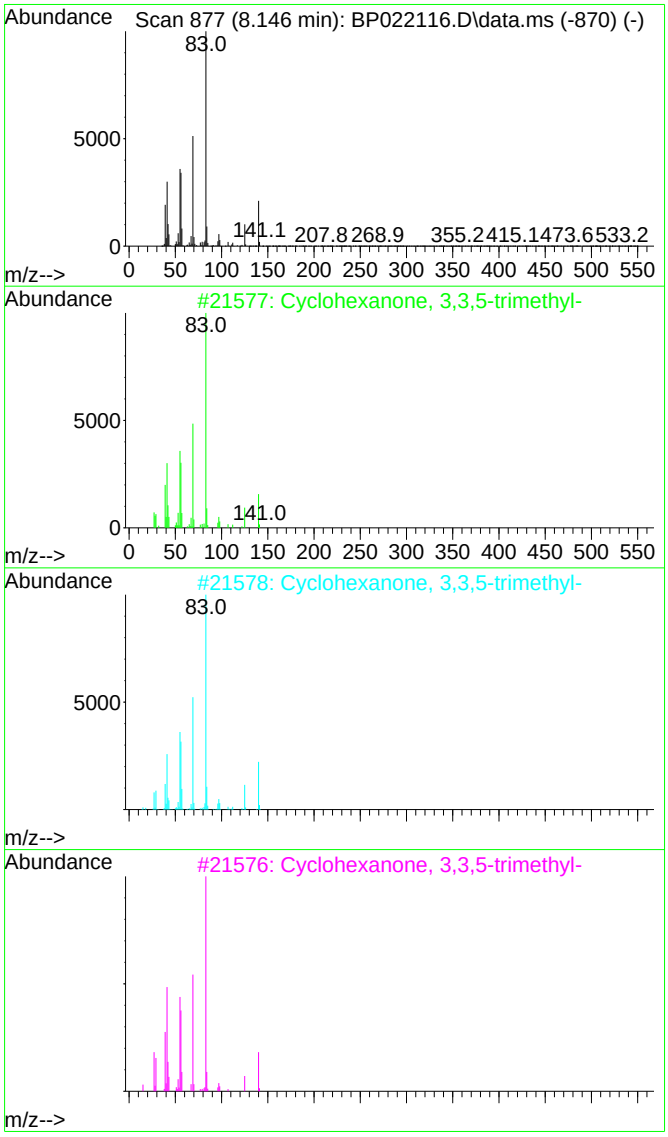
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

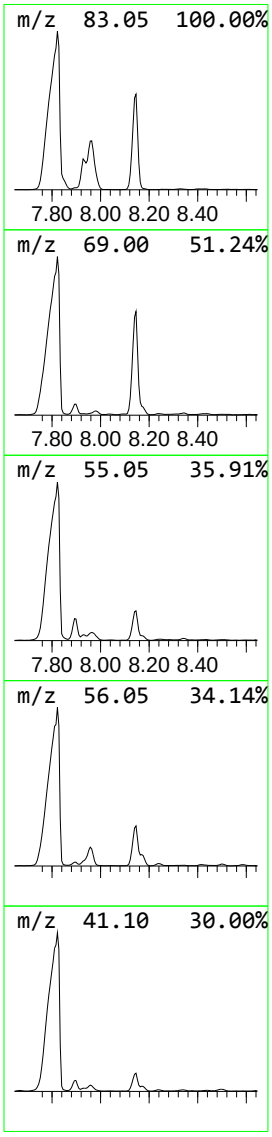
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexanone, 3,3,5-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	103.63 ng/ul	4526210	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DDCA1

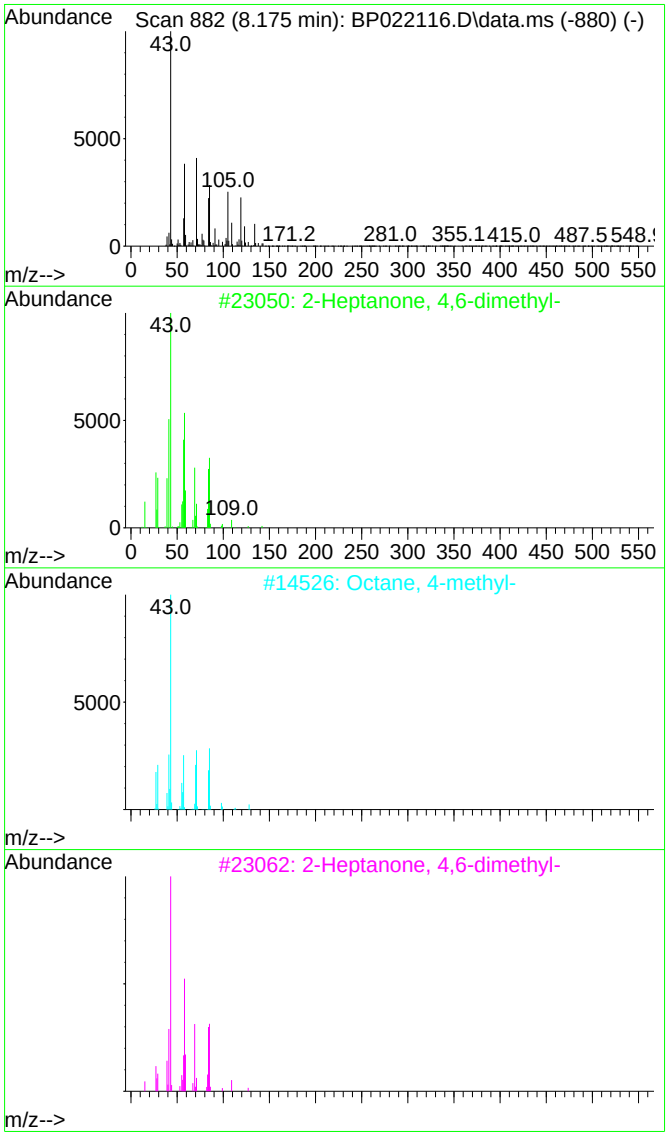
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

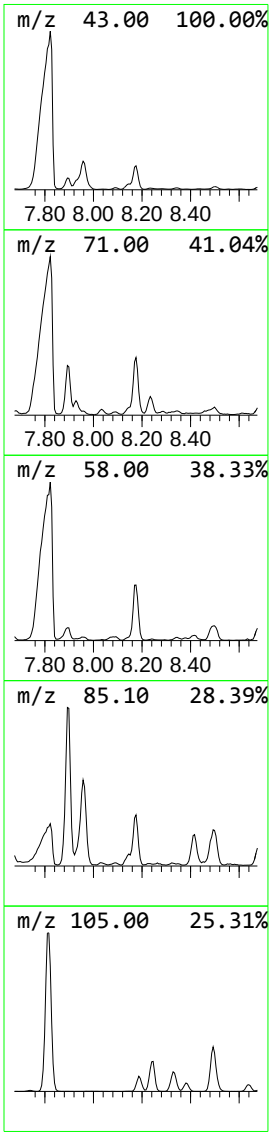
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	30.10 ng/ul	1314680	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	35
2	Octane, 4-methyl-	128	C9H20	002216-34-4	27
3	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	25
4	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	23
5	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	23





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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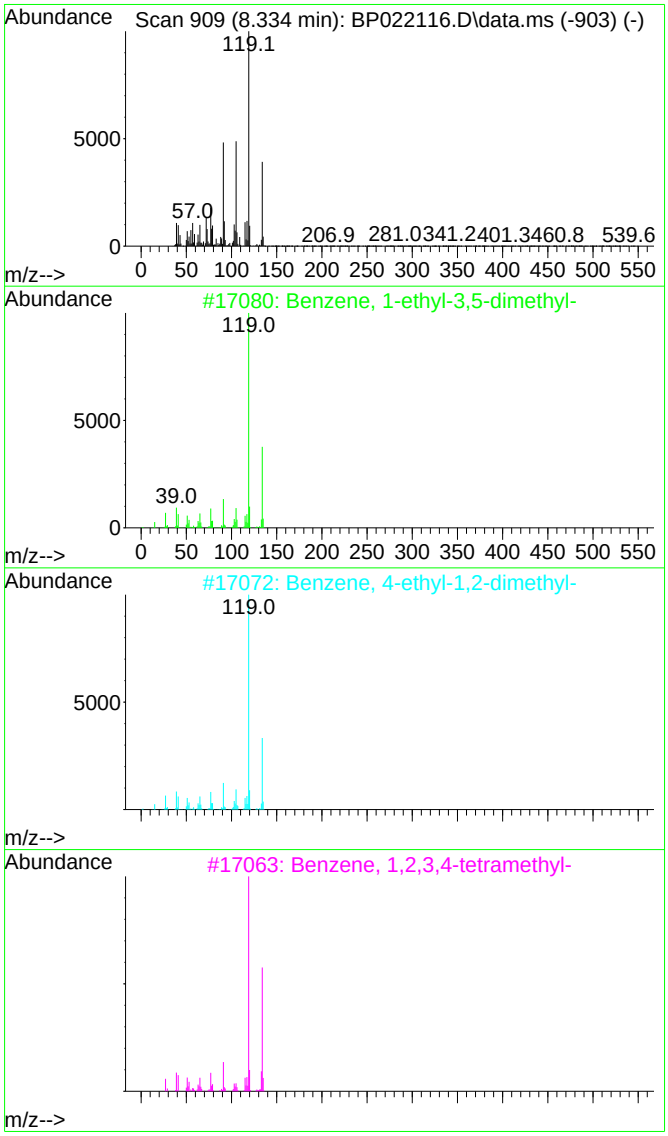
Quant Title : SVOA CALIBRATION

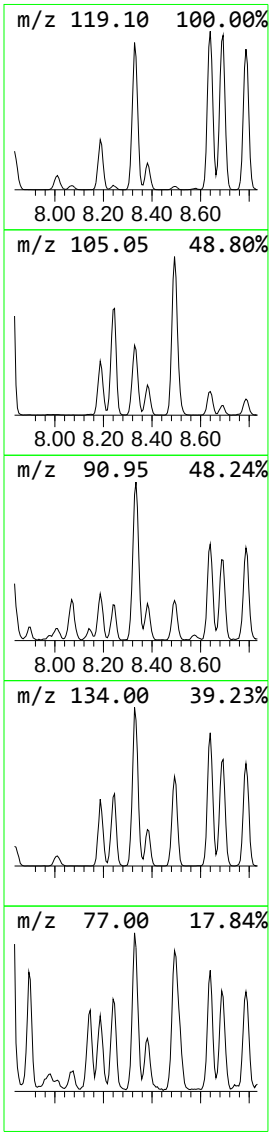
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	27.98 ng/ul	1222230	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





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ALS Vial : 6 Sample Multiplier: 1

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BNA_P
ClientSampleId :
DDCA1

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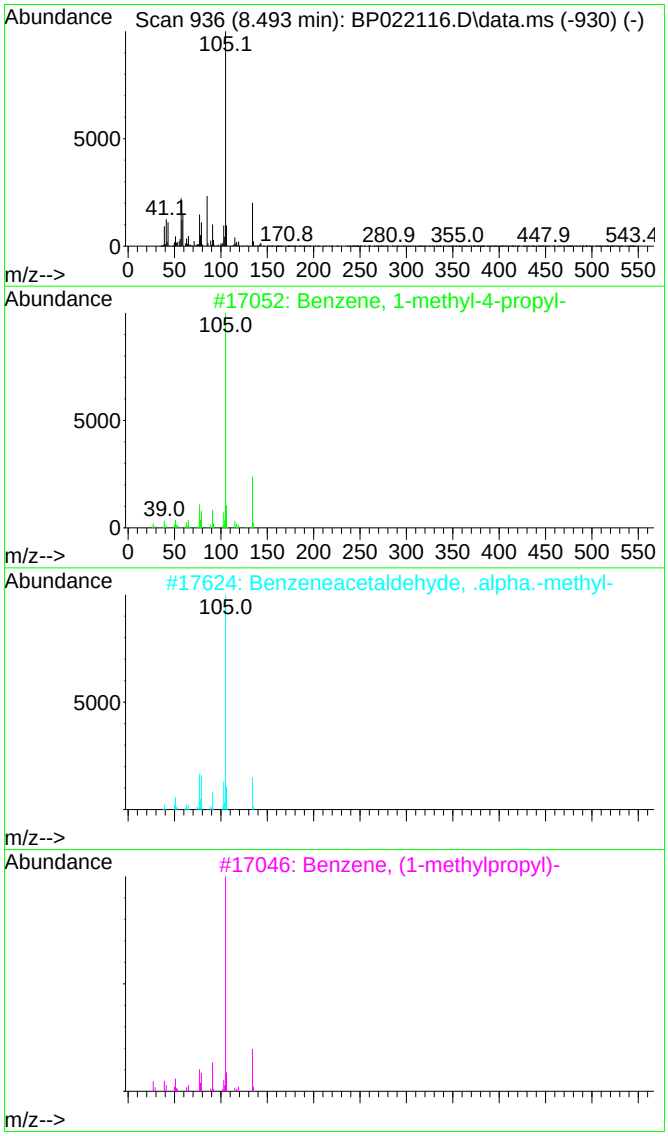
Quant Title : SVOA CALIBRATION

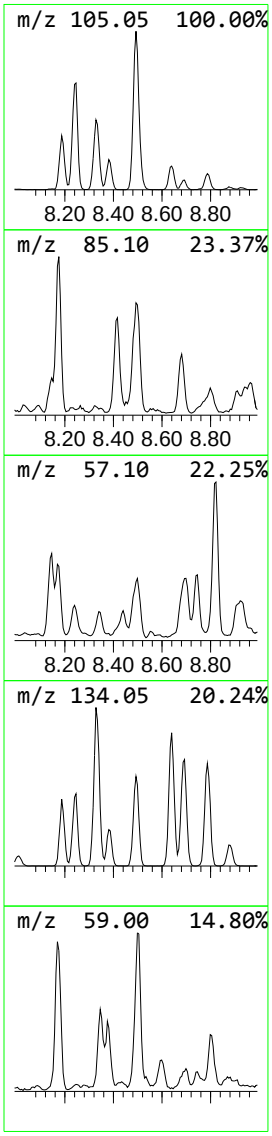
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.493	23.81 ng/ul	1040110	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68





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Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

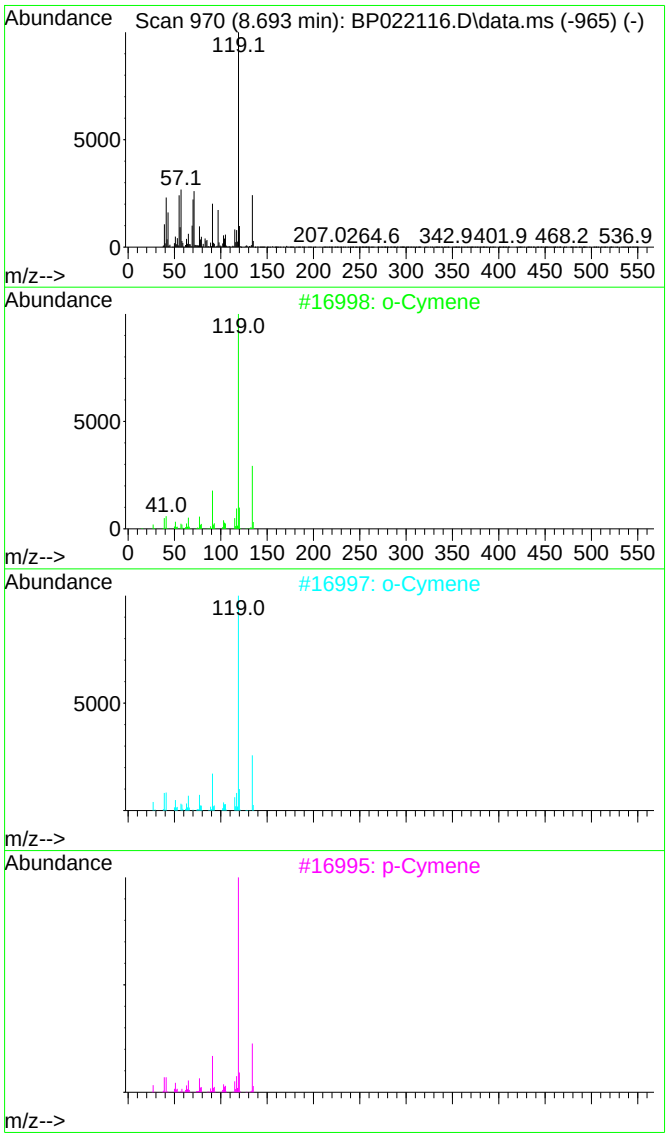
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

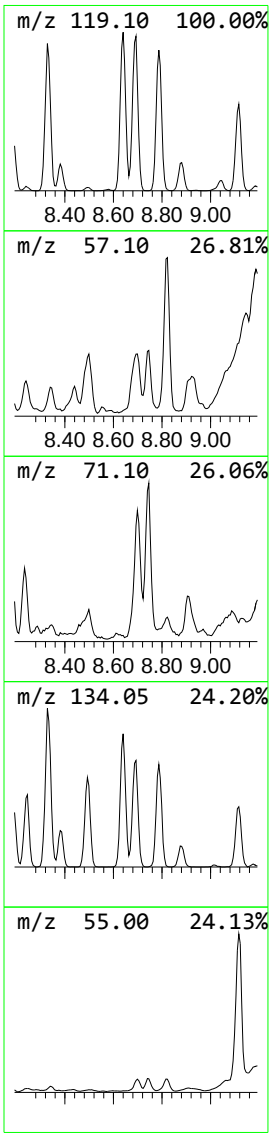
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.693	24.91 ng/ul	1087950	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

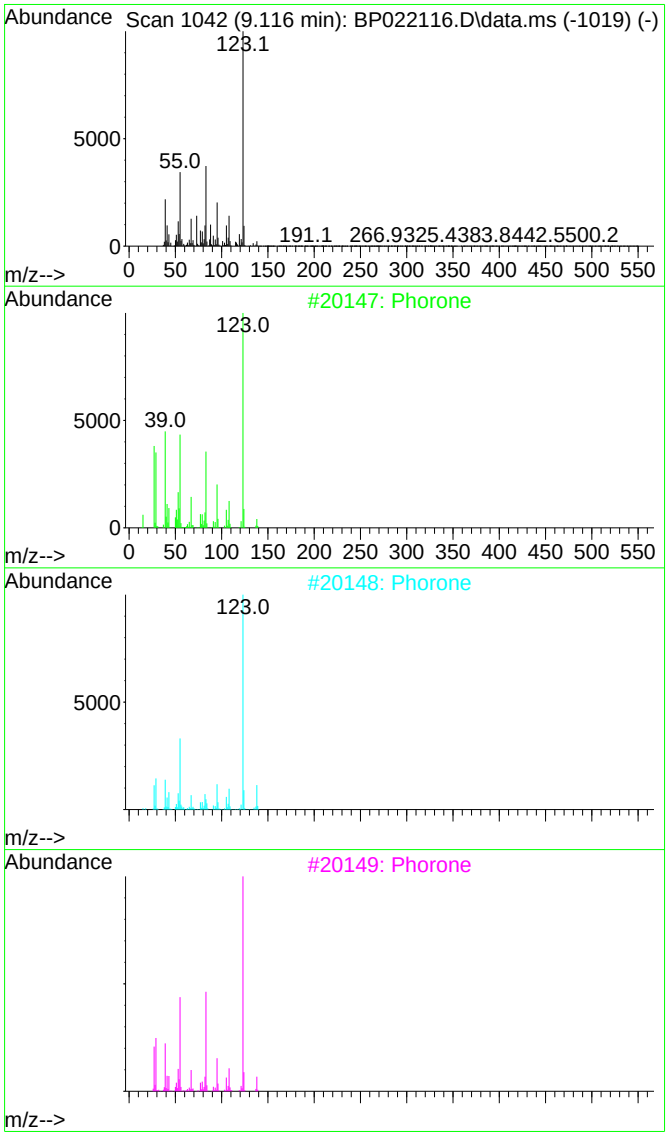
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

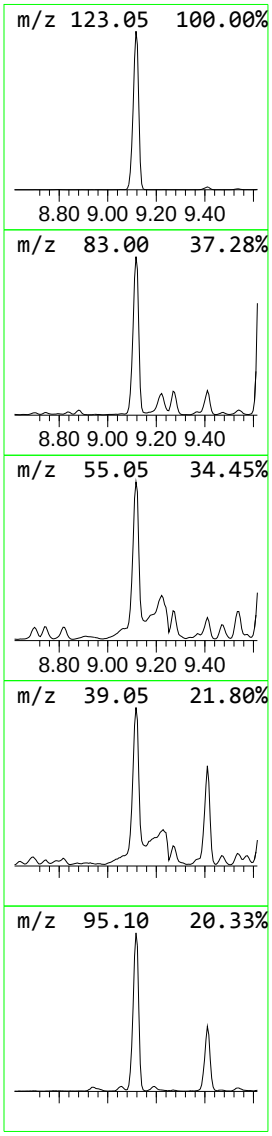
****

Peak Number 18 Phorone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	115.33 ng/ul	14540800	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phorone	138	C9H14O	000504-20-1	90
2	Phorone	138	C9H14O	000504-20-1	53
3	Phorone	138	C9H14O	000504-20-1	53
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	53
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	50





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

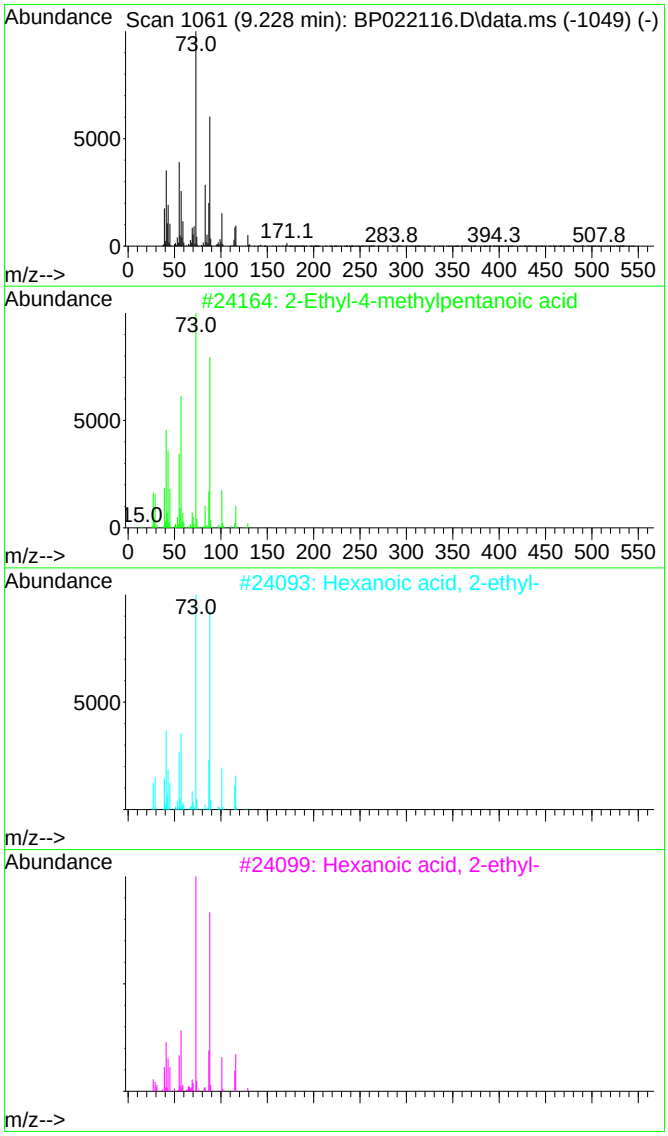
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

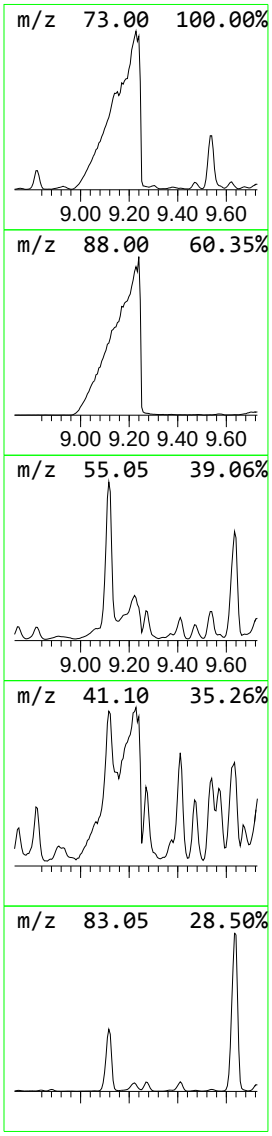
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Ethyl-4-methylpentanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	60.51 ng/ul	7629410	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	53
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	52
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	47





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

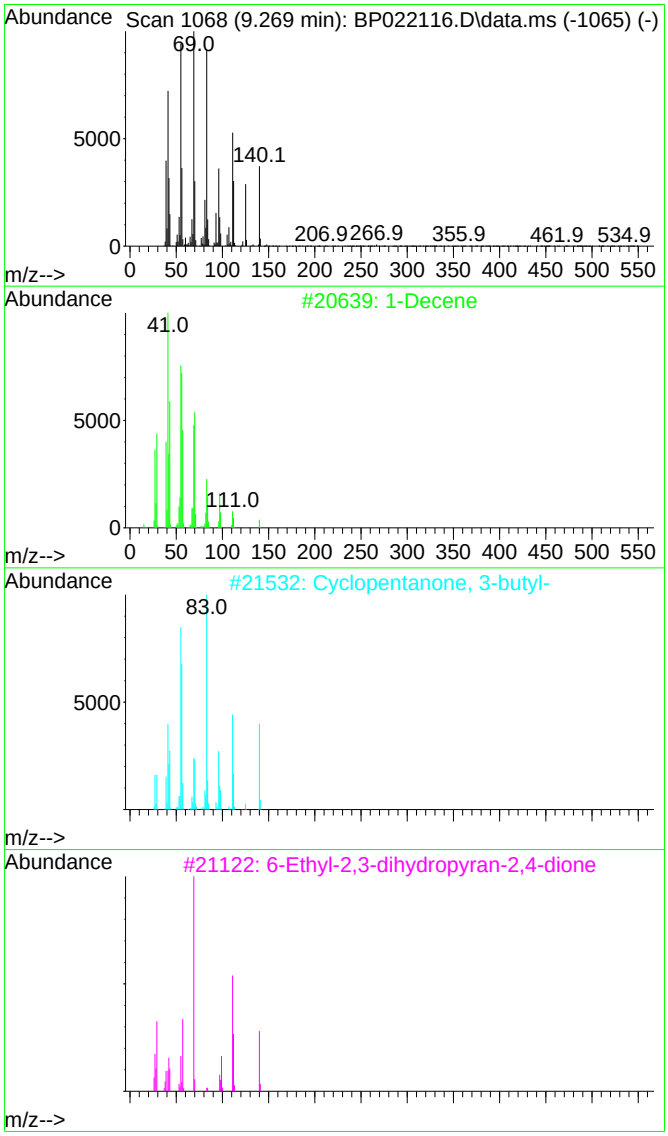
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

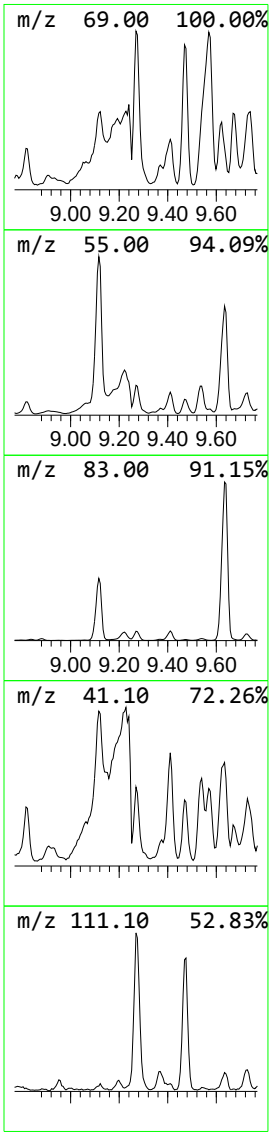
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	6.47 ng/ul	815968	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	64
2	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	58
3	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	46
4	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	42
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	38





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Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

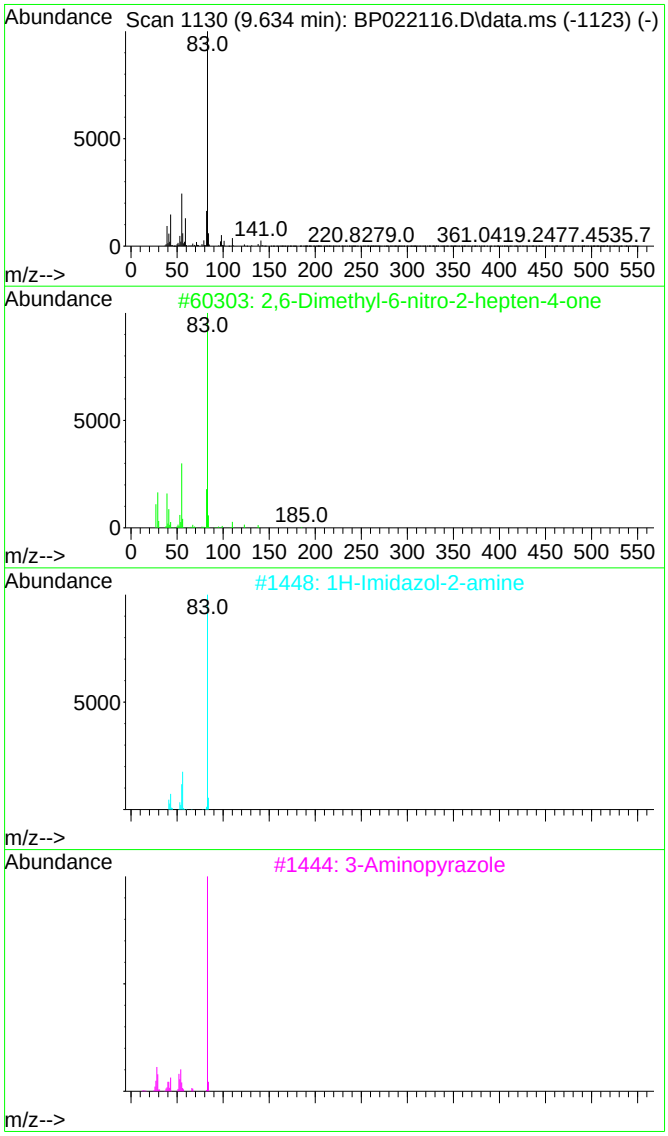
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

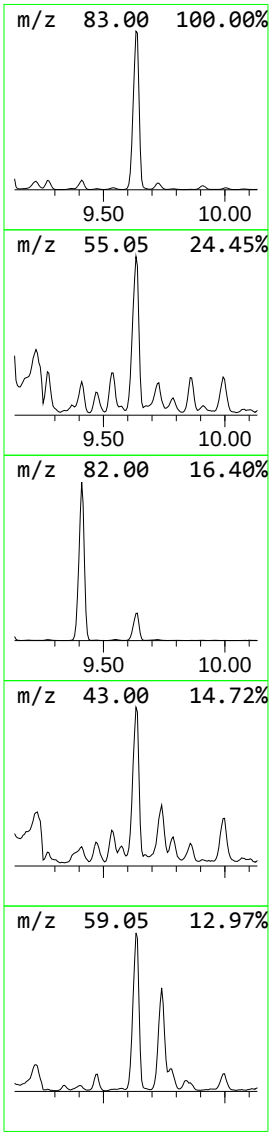
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2,6-Dimethyl-6-nitro-2-hept... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	46.55 ng/ul	5868290	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	64
2	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	50
3	3-Aminopyrazole	83	C3H5N3	001820-80-0	50
4	Propanenitrile, 3,3'-iminobis-	123	C6H9N3	000111-94-4	42
5	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	42





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

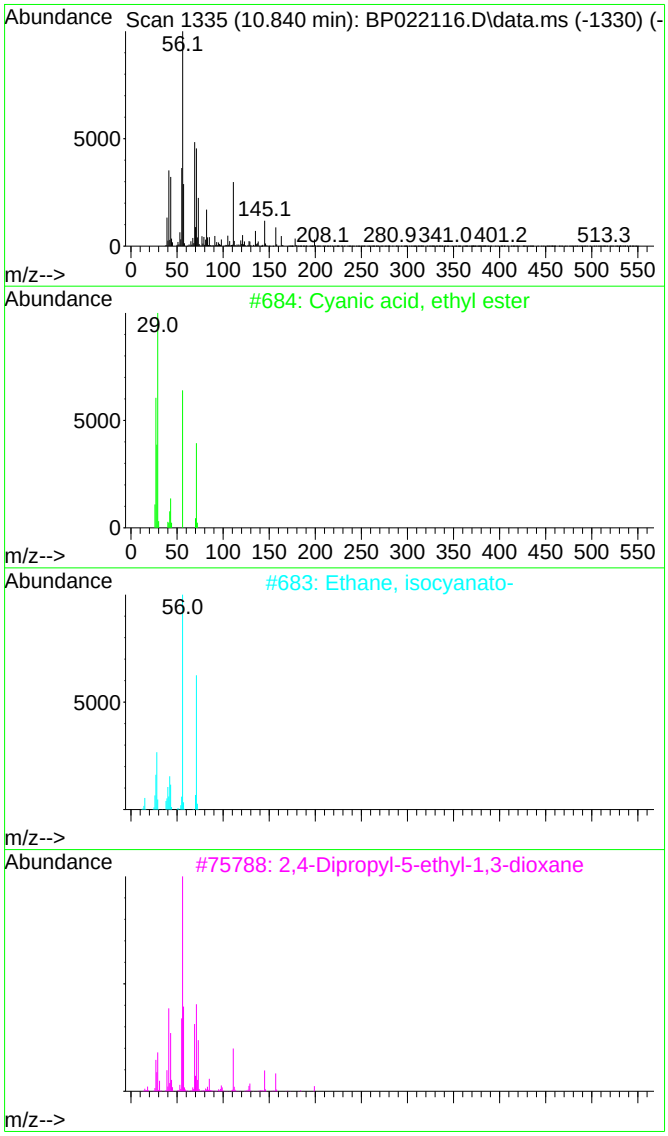
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

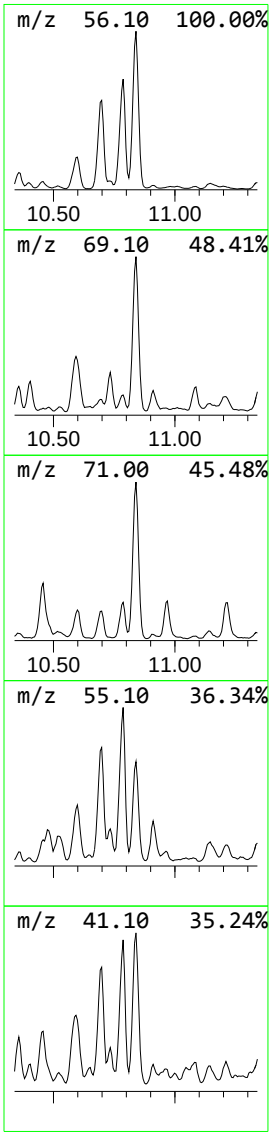
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.840	31.91 ng/ul	4023620	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	49
2	Ethane, isocyanato-	71	C3H5NO	000109-90-0	38
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	35
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	23
5	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	23





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

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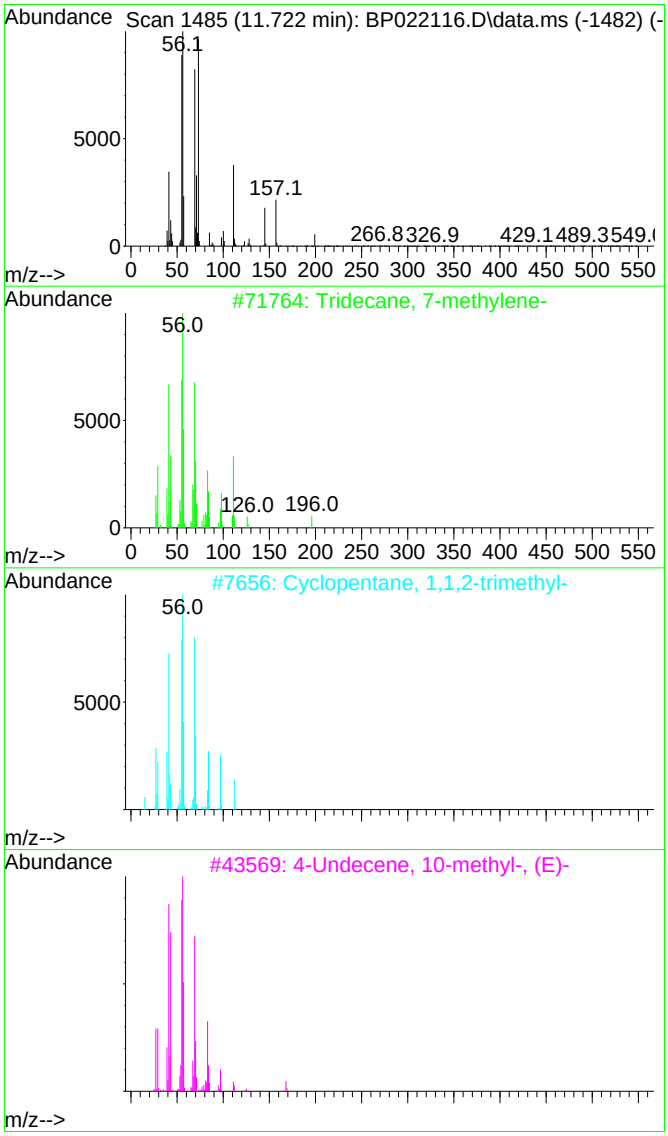
Quant Title : SVOA CALIBRATION

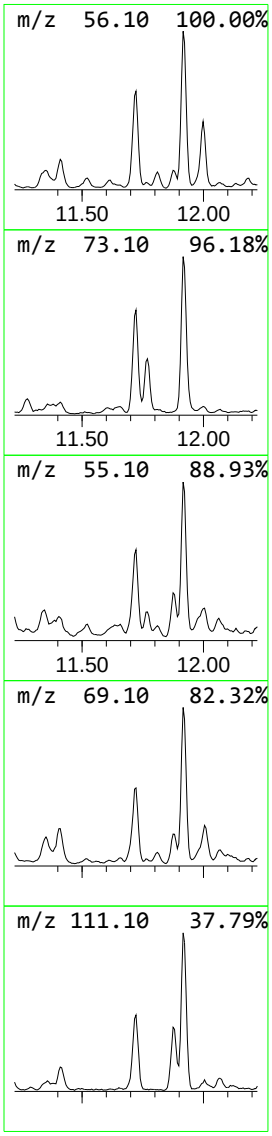
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	7.61 ng/ul	959913	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	38
2	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	33
3	4-Undecene, 10-methyl-, (E)-	168	C12H24	074630-60-7	33
4	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	28
5	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	28





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Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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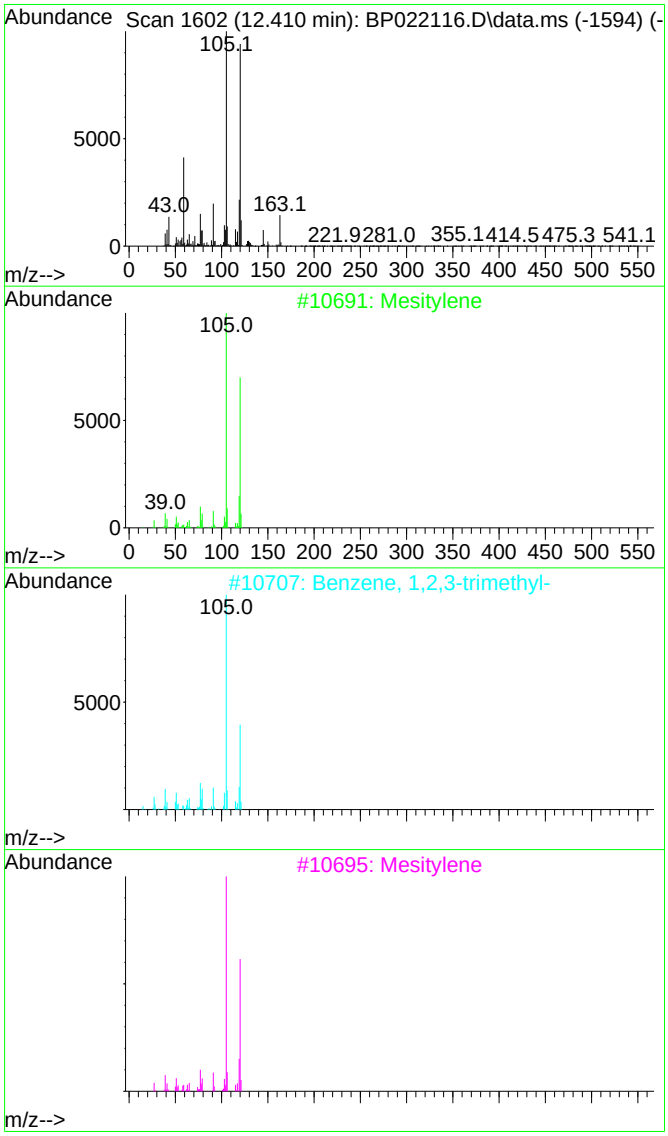
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

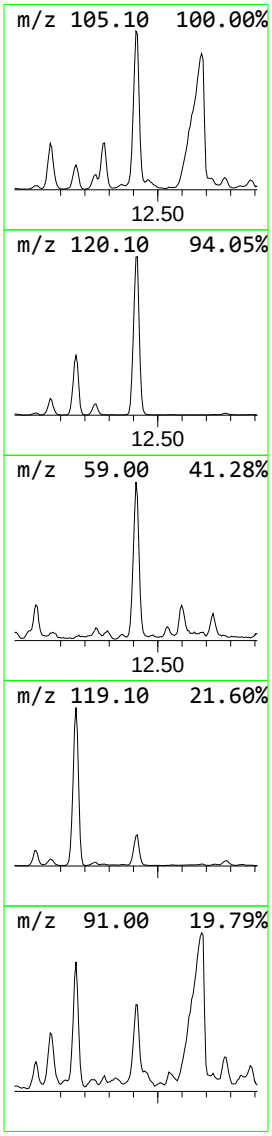
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,2,4-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	25.70 ng/ul	2418530	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	70
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
3	Mesitylene	120	C9H12	000108-67-8	70
4	Mesitylene	120	C9H12	000108-67-8	70
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	62





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Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

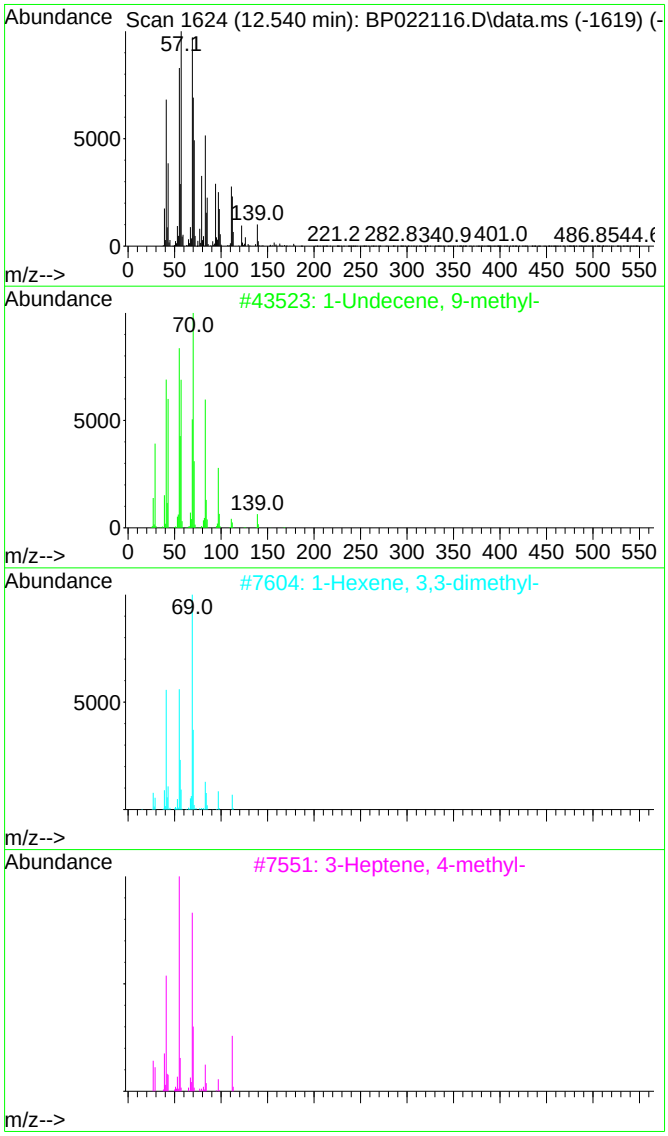
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

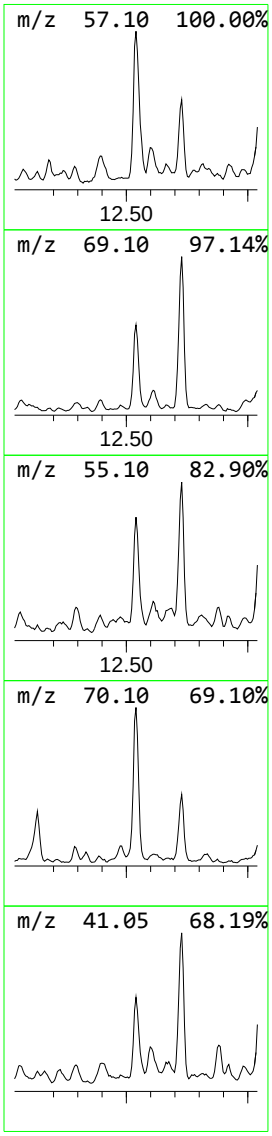
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.540	21.79 ng/ul	2050760	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 9-methyl-	168	C12H24	074630-41-4	38
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
3	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30
4	1-Octene, 3-methyl-	126	C9H18	013151-08-1	27
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	25





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Operator : RC/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

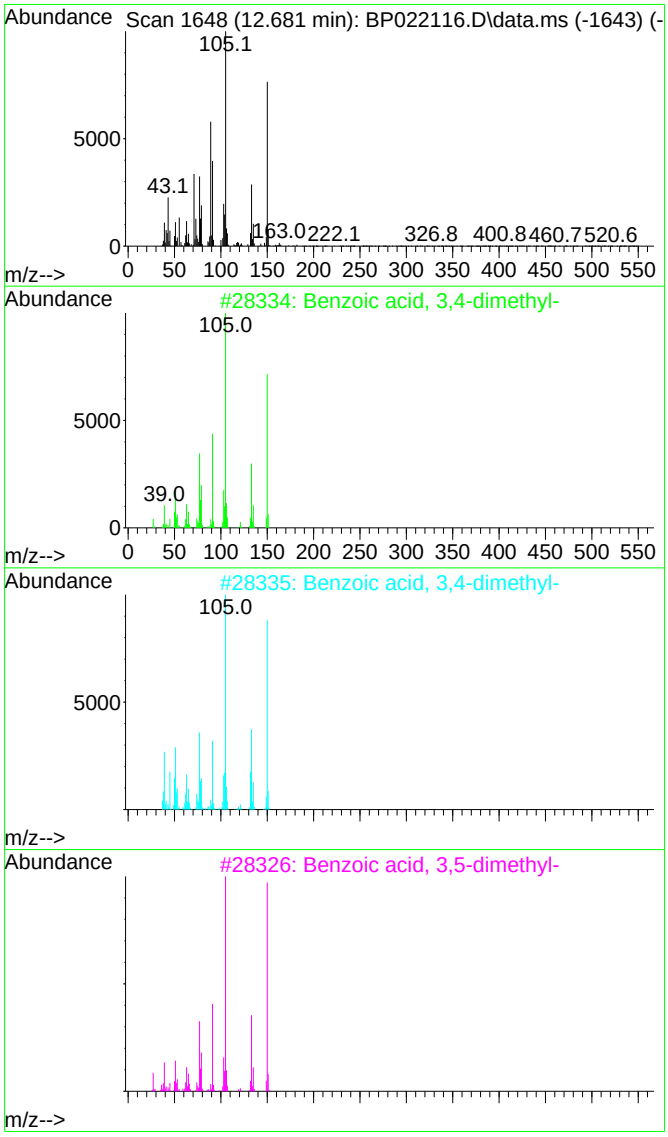
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

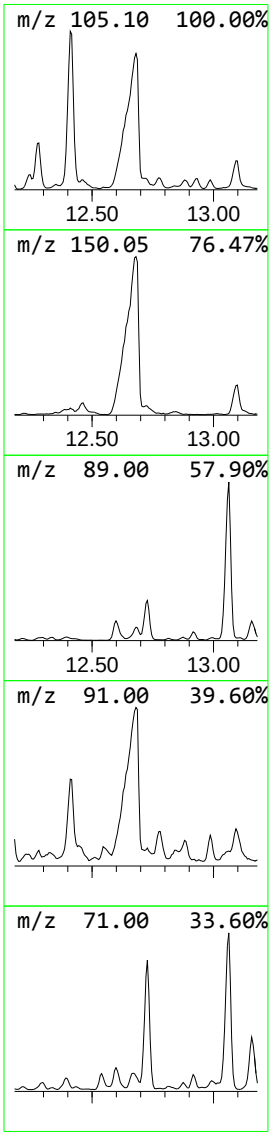
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzoic acid, 3,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.681	27.08 ng/ul	2548480	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	93
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	83
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	83
4	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	78
5	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	64





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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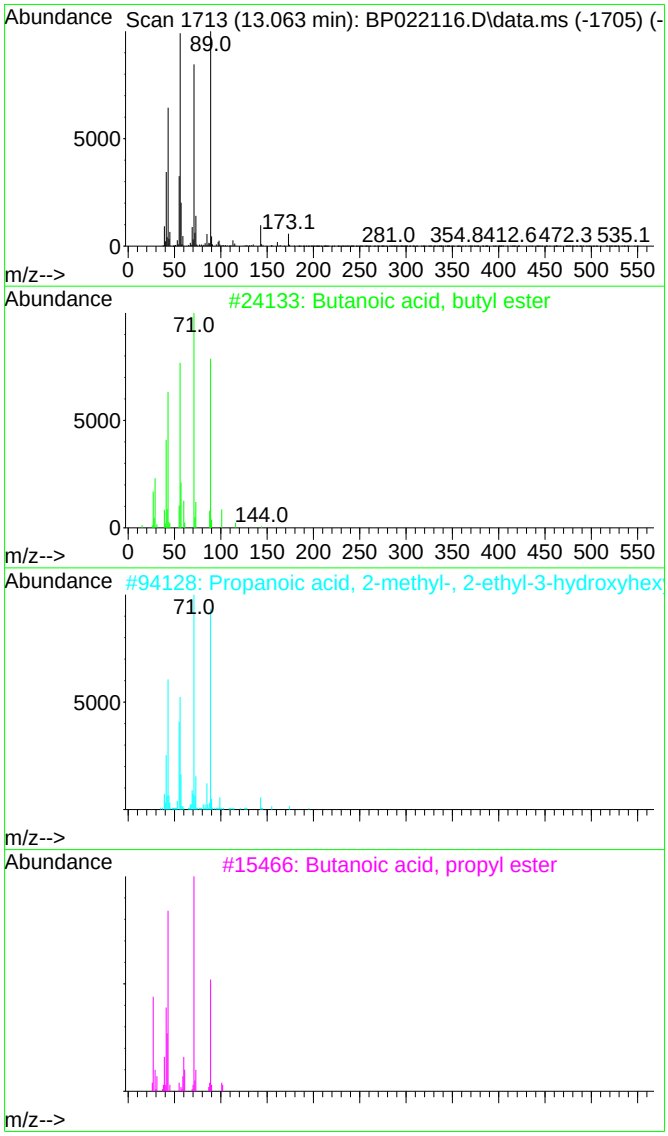
Quant Title : SVOA CALIBRATION

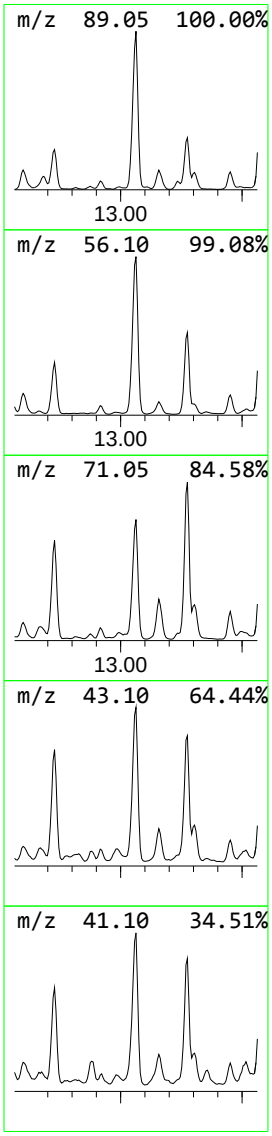
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Butanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	63.55 ng/ul	5980410	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
4	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	56
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	56





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Sample : P4022-07
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ALS Vial : 6 Sample Multiplier: 1

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BNA_P
ClientSampleId :
DDCA1

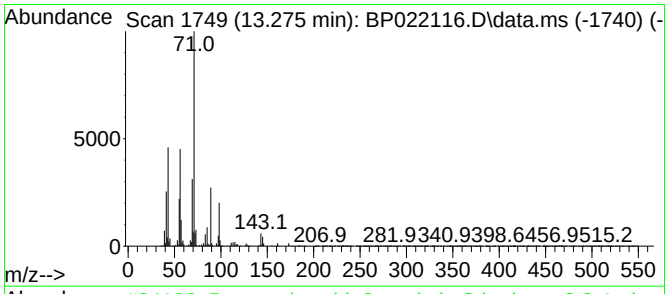
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

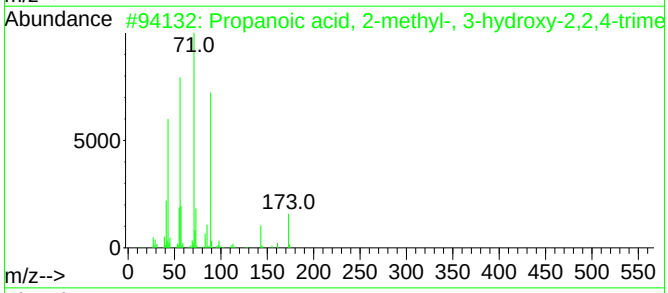
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

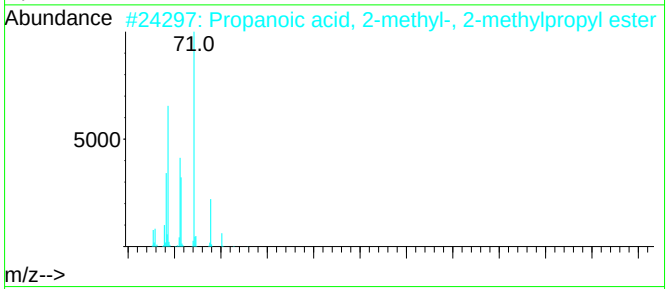
****
Peak Number 47 unknown-04 Concentration Rank 17

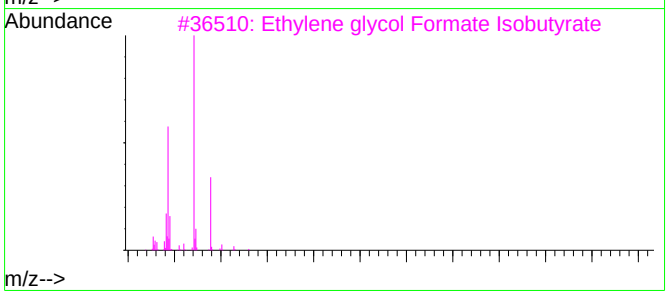
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	54.42 ng/ul	5121370	Acenaphthene-d10	14.310

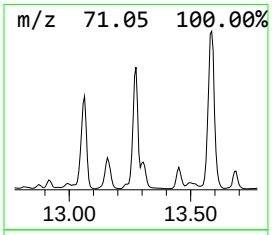
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	000077-68-9	47
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	45
3	Ethylene glycol Formate Isobutyrate	160	C7H12O4	1000458-48-0	43
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
5	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	000077-68-9	40

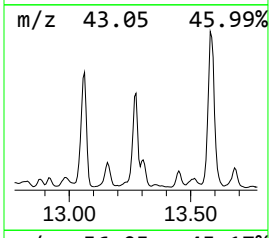


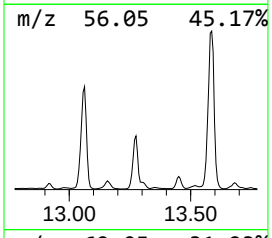


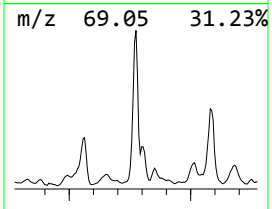


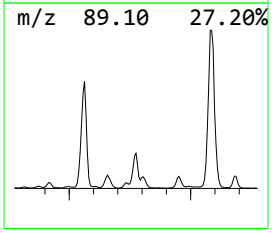












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

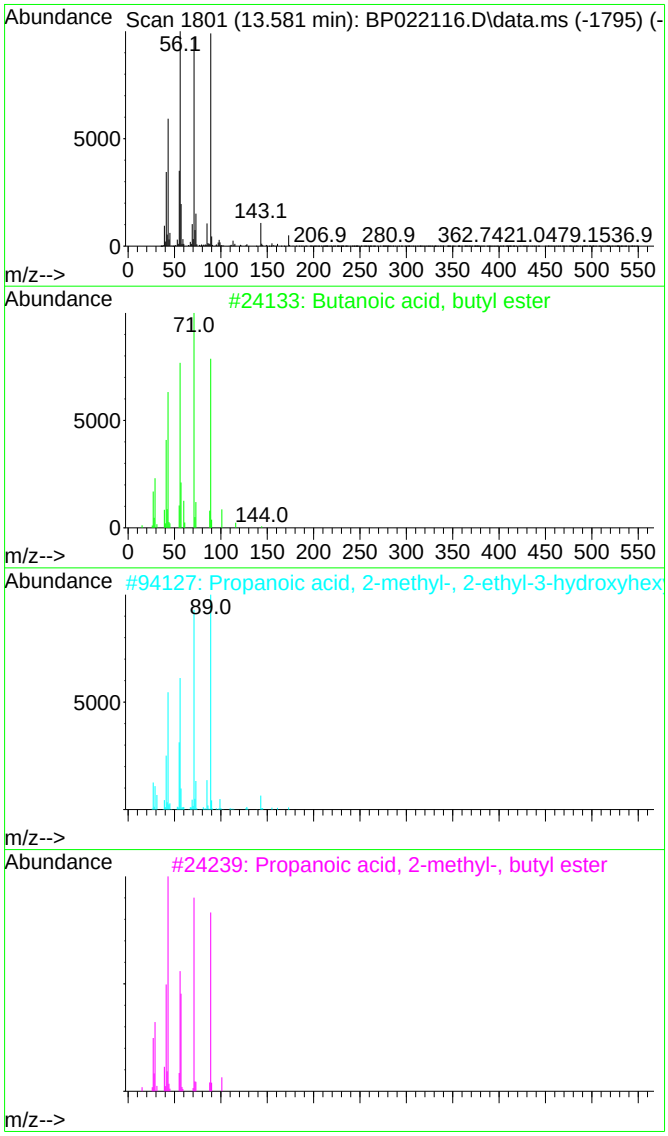
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

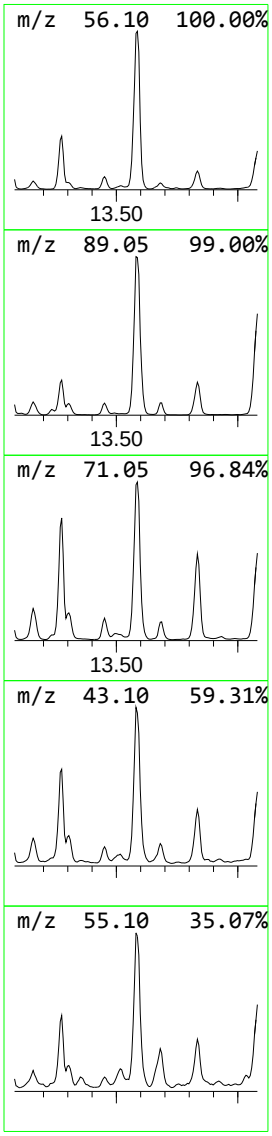
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.581	116.52 ng/ul	10965200	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	90
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
3	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	72
4	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
5	Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

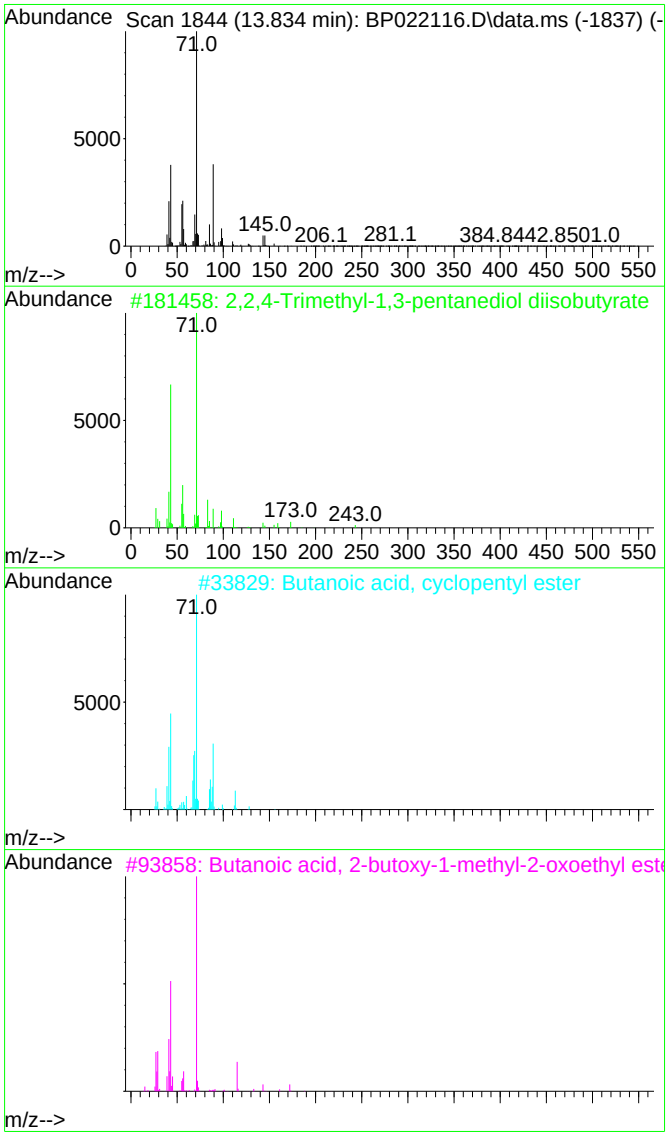
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

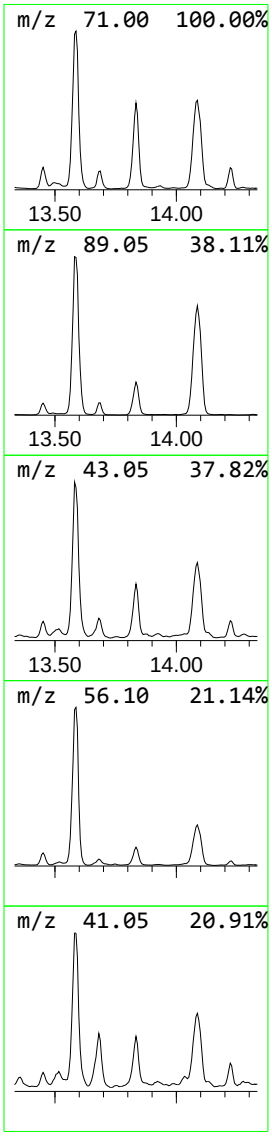
****

Peak Number 51 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	34.42 ng/ul	3239570	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
2	Butanoic acid, cyclopentyl ester	156	C9H16O2	006290-13-7	38
3	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	37
4	3-Tetrahydro-2-furanylpropanoic ...	144	C7H12O3	000935-12-6	37
5	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

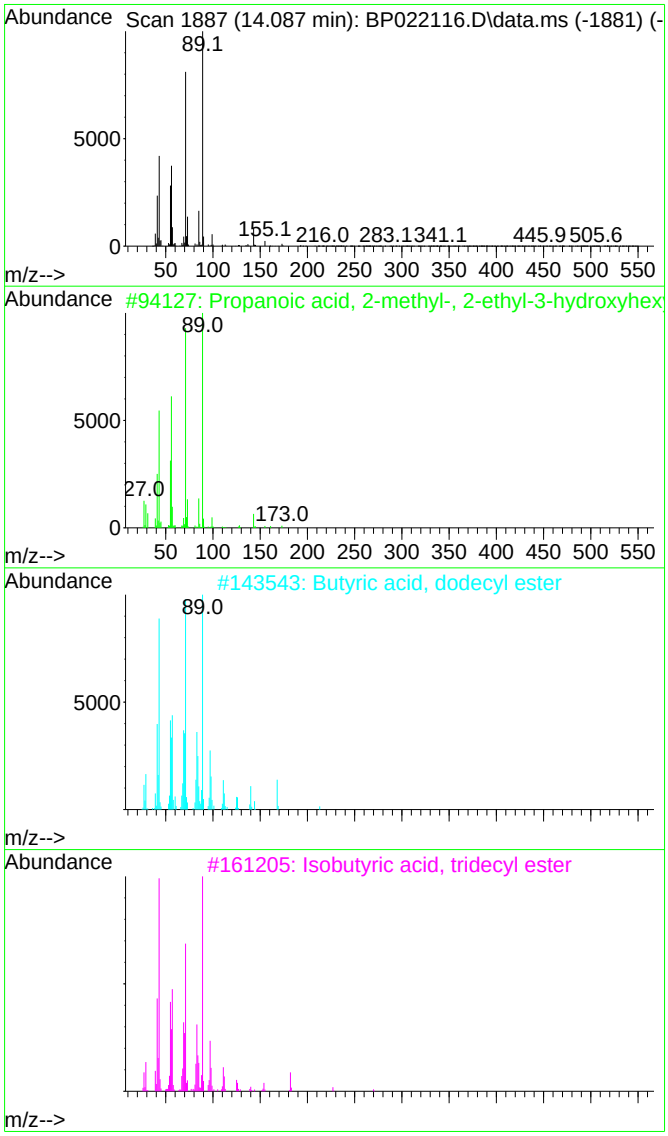
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

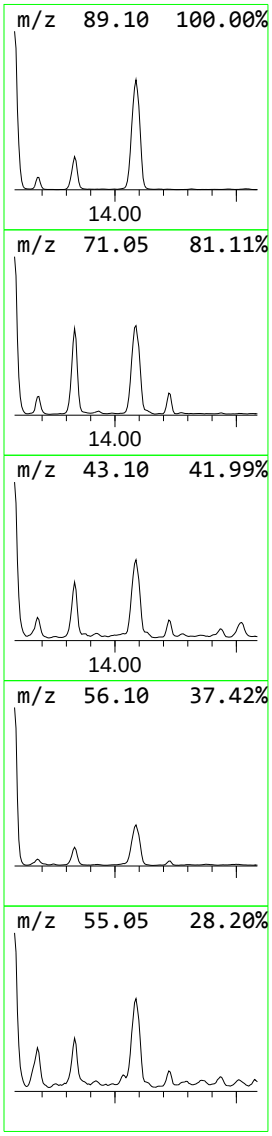
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Butyric acid, dodecyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	67.73 ng/ul	6374030	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	90
2	Butyric acid, dodecyl ester	256	C16H32O2	003724-61-6	74
3	Isobutyric acid, tridecyl ester	270	C17H34O2	269404-22-0	74
4	Butyric acid, tridecyl ester	270	C17H34O2	056164-20-6	74
5	Propanoic acid, 2-methyl-, dodec...	256	C16H32O2	006624-71-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

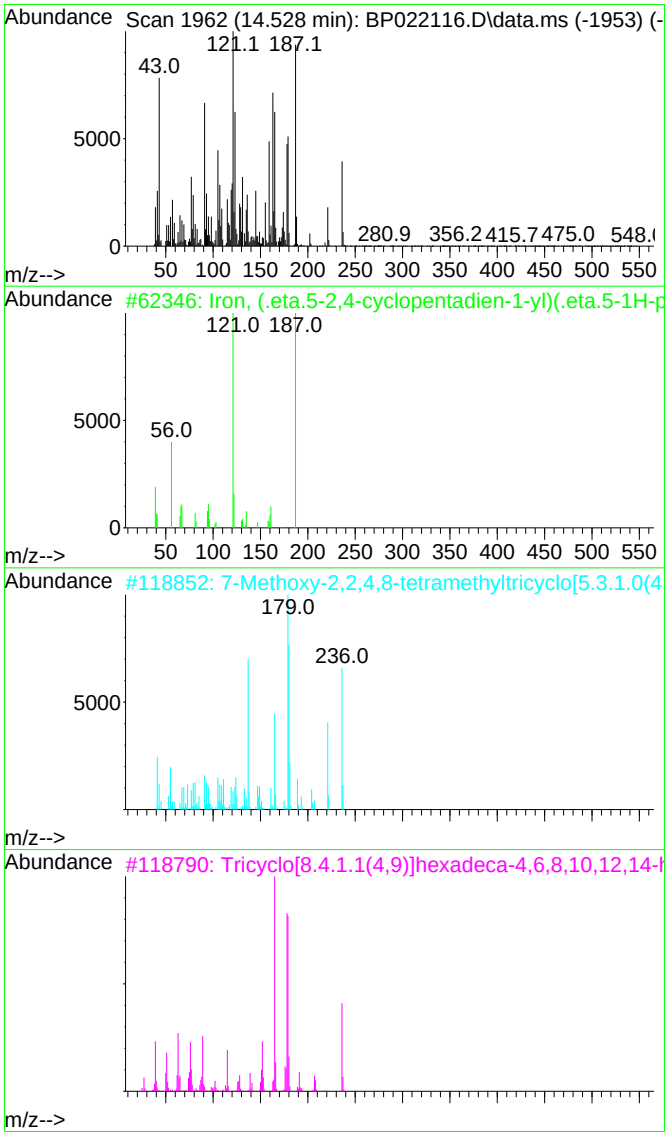
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

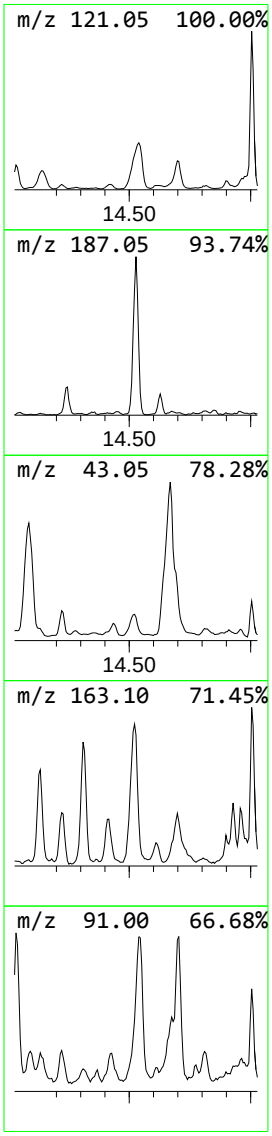
****

Peak Number 55 unknown-06 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.528	31.16 ng/ul	2932450	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iron, (.eta.5-2,4-cyclopentadien...	187	C9H9FeN	011077-12-6	38
2	7-Methoxy-2,2,4,8-tetramethyltri...	236	C16H28O	1010140-32-8	25
3	Tricyclo[8.4.1.1(4,9)]hexadeca-4...	236	C16H12O2	1000157-87-3	22
4	3-Methyl-1-(3-methylphenyl)-1H-p...	187	C11H13N3	092721-83-0	15
5	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

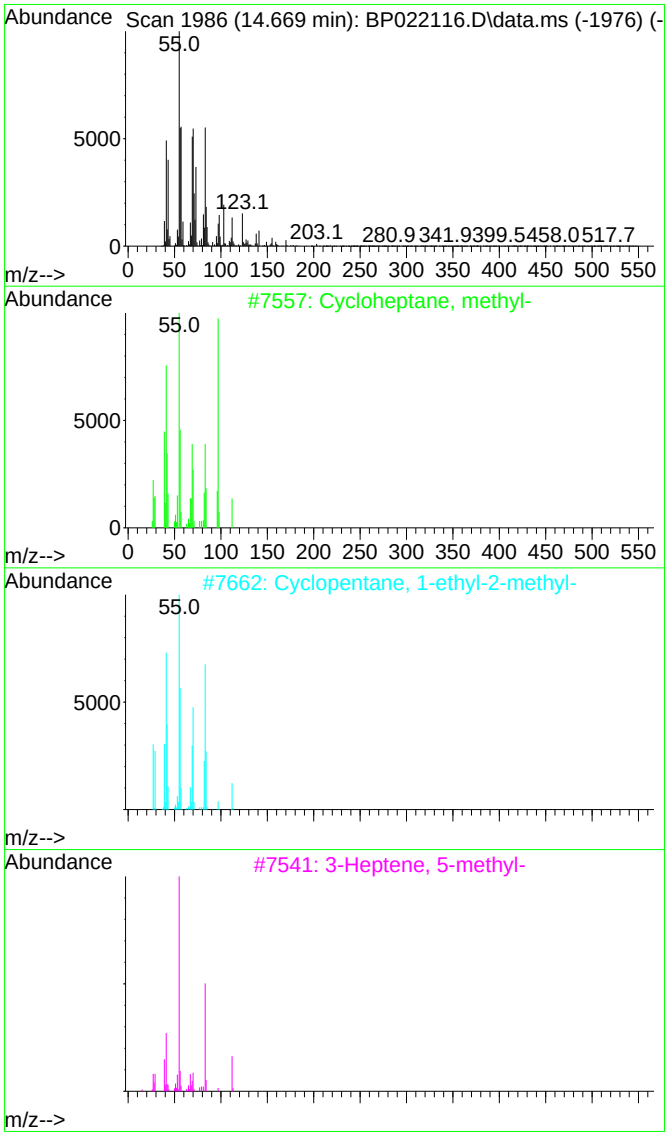
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

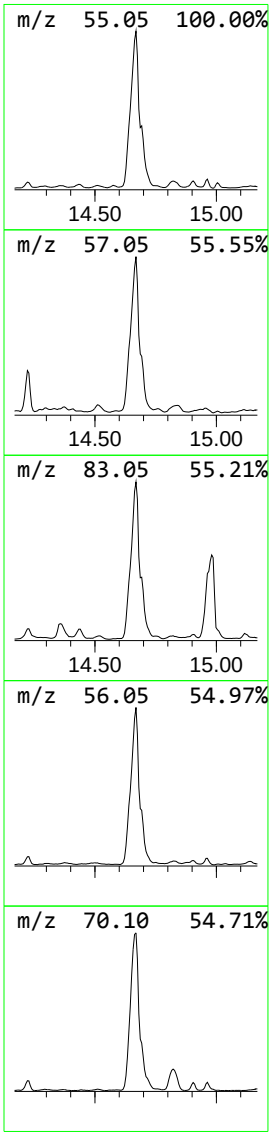
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic14.669 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	190.99 ng/ul	17973400	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	49
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	46
3	3-Heptene, 5-methyl-	112	C8H16	013172-91-3	25
4	Heptane, 4-methylene-	112	C8H16	015918-08-8	25
5	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

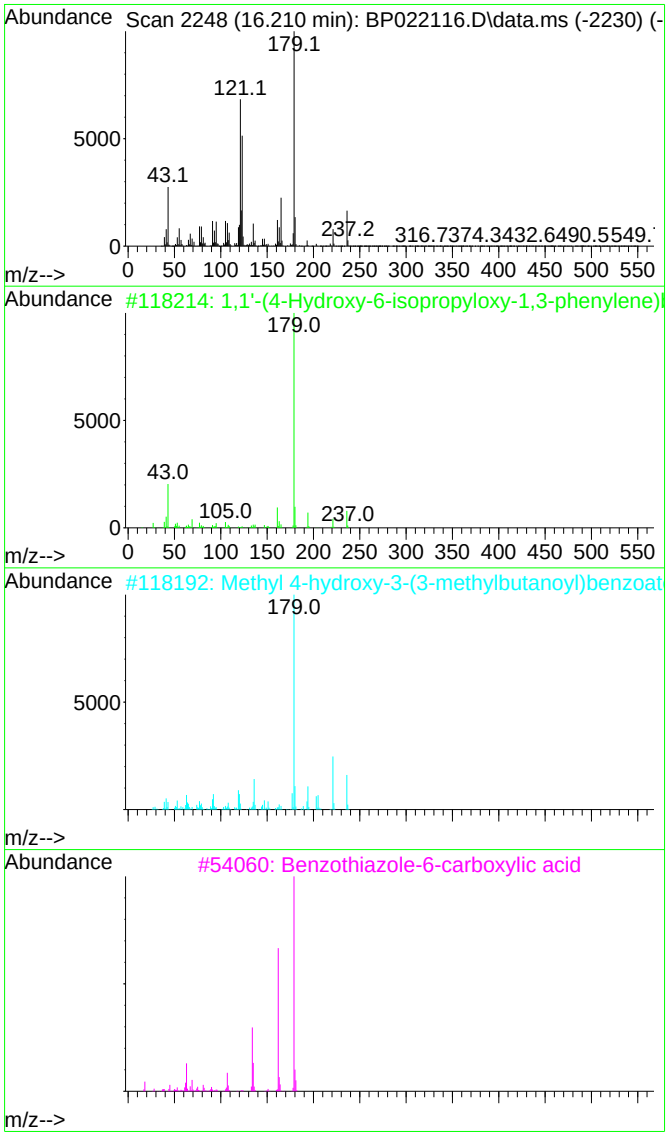
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

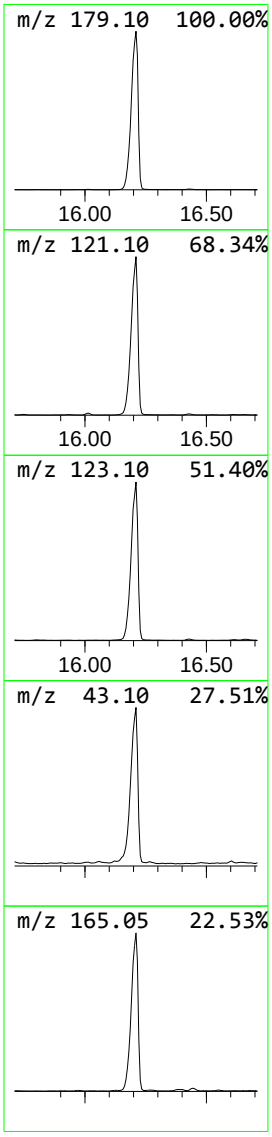
****

Peak Number 59 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.210	239.30 ng/ul	35021400	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-(4-Hydroxy-6-isopropyloxy-1...	236	C13H16O4	1000454-72-6	46
2	Methyl 4-hydroxy-3-(3-methylbuta...	236	C13H16O4	343323-37-5	38
3	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	38
4	DL-2-fluorophenylglycine, N-dime...	252	C13H17FN2O2	1000375-81-0	35
5	Benzoic Acid, TBDMS derivative	236	C13H20O2Si	075732-41-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
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
Benzene, 1,3-di...	5.381	33.9	ng/ul	1478960	1	7.699	873557	20.0
o-Xylene	5.746	41.2	ng/ul	1800350	1	7.699	873557	20.0
Propanoic acid,...	5.940	23.0	ng/ul	1006370	1	7.699	873557	20.0
2-Methyl-1-hexanol	6.234	70.0	ng/ul	3056940	1	7.699	873557	20.0
Hexanal, 2-ethyl-	6.622	22.9	ng/ul	1002350	1	7.699	873557	20.0
Mesitylene	6.940	60.7	ng/ul	2650650	1	7.699	873557	20.0
Benzene, 1-ethy...	7.099	96.0	ng/ul	4192330	1	7.699	873557	20.0
2-Heptanone, 4,...	7.146	135.1	ng/ul	5900980	1	7.699	873557	20.0
Benzene, 1,2,3-...	7.352	200.2	ng/ul	8743520	1	7.699	873557	20.0
1-Hexanol, 2-et...	7.822	1216.0	ng/ul	53111300	1	7.699	873557	20.0
2-Hexen-1-ol, 2...	7.893	60.2	ng/ul	2627530	1	7.699	873557	20.0
unknown-01	7.957	56.6	ng/ul	2471440	1	7.699	873557	20.0
Cyclohexanone, ...	8.146	103.6	ng/ul	4526210	1	7.699	873557	20.0
unknown-02	8.175	30.1	ng/ul	1314680	1	7.699	873557	20.0
Benzene, 1-ethy...	8.334	28.0	ng/ul	1222230	1	7.699	873557	20.0
Benzene, 1-meth...	8.493	23.8	ng/ul	1040110	1	7.699	873557	20.0
o-Cymene	8.693	24.9	ng/ul	1087950	1	7.699	873557	20.0
Phorone	9.116	115.3	ng/ul	14540800	2	10.457	2521500	20.0
2-Ethyl-4-methy...	9.228	60.5	ng/ul	7629410	2	10.457	2521500	20.0
(DEL) Alkane: S...	9.269	6.5	ng/ul	815968	2	10.457	2521500	20.0
2,6-Dimethyl-6-...	9.634	46.5	ng/ul	5868290	2	10.457	2521500	20.0
unknown-03	10.840	31.9	ng/ul	4023620	2	10.457	2521500	20.0
(DEL) Alkane: S...	11.722	7.6	ng/ul	959913	2	10.457	2521500	20.0
Benzene, 1,2,4-...	12.410	25.7	ng/ul	2418530	3	14.310	1882130	20.0
(DEL) Alkane: S...	12.540	21.8	ng/ul	2050760	3	14.310	1882130	20.0
Benzoic acid, 3...	12.681	27.1	ng/ul	2548480	3	14.310	1882130	20.0
Butanoic acid, ...	13.063	63.5	ng/ul	5980410	3	14.310	1882130	20.0
unknown-04	13.275	54.4	ng/ul	5121370	3	14.310	1882130	20.0
Propanoic acid,...	13.581	116.5	ng/ul	10965200	3	14.310	1882130	20.0
unknown-05	13.834	34.4	ng/ul	3239570	3	14.310	1882130	20.0
Butyric acid, d...	14.087	67.7	ng/ul	6374030	3	14.310	1882130	20.0
unknown-06	14.528	31.2	ng/ul	2932450	3	14.310	1882130	20.0
(DEL) Alkane: C...	14.669	191.0	ng/ul	17973400	3	14.310	1882130	20.0
unknown-07	16.210	239.3	ng/ul	35021400	4	17.116	2927020	20.0