LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020866.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	13	17	27	rVB	182748	326982	3.89%	0.382%
2	3.475	79	83	86	rBV2	41278	62803	0.75%	0.073%
3	3.528	86	92	97	rVV	249454	391893	4.66%	0.457%
4	3.681	115	118	124	rVV	249839	370186	4.40%	0.432%
5	3.740	124	128	132	rVV	297524	453539	5.39%	0.529%
6	3.781	132	135	139	rVV	98684	150144	1.79%	0.175%
7	3.834	139	144	160	rVV	389749	672913	8.00%	0.785%
8	4.081	182	186	197	rVB3	43529	91001	1.08%	0.106%
9	4.216	203	209	216	rBV2	61888	123832	1.47%	0.145%
10	4.281	216	220	223	rVV2	50897	81409	0.97%	0.095%
11	4.463	244	251	257	rVB	65881	99560	1.18%	0.116%
12	4.699	285	291	299	rBV	117089	216689	2.58%	0.253%
13	4.934	326	331	336	rBV	107606	160959	1.91%	0.188%
14	4.987	336	340	345	rVV2	65903	110395	1.31%	0.129%
15	5.210	370	378	382	rBV4	46552	81695	0.97%	0.095%
16	5.410	403	412	420	rVB6	27053	70943	0.84%	0.083%
17	5.881	489	492	498	rVB	39506	58974	0.70%	0.069%
18	6.281	556	560	567	rVV4	28432	60461	0.72%	0.071%
19	6.399	575	580	590	rVV7	35651	90443	1.08%	0.106%
20	6.822	647	652	657	rVB4	42765	87222	1.04%	0.102%
21	6.916	663	668	673	rBV	404541	651931	7.75%	0.761%
22	6.963	673	676	681	rVB3	80801	128214	1.52%	0.150%
23	7.069	687	694	705	rBV	804600	1306686	15.54%	1.525%
24	7.199	705	716	722	rBV	206449	468215	5.57%	0.546%
25	7.269	722	728	735	rBV	973476	1583997	18.84%	1.849%
26	7.375	742	746	755	rVB6	58528	120936	1.44%	0.141%
27	7.722	799	805	811	rBV	721641	1145494	13.62%	1.337%
28	7.793	811	817	821	rBV3	82987	154094	1.83%	0.180%
29	7.934	829	841	845	rBV6	32839	123256	1.47%	0.144%
30	8.140	845	876	879	rVV	1157566	6158677	73.24%	7.188%
31	8.369	908	915	920	rBV6	38085	111007	1.32%	0.130%
32	8.434	920	926	942	rVV	925510	1786311	21.24%	2.085%
33	8.751	965	980	986	rBV3	336560	1226452	14.59%	1.432%
34	8.881	987	1002	1011	rVB2	1273010	4702140	55.92%	5.488%
35	9.040	1019	1029	1033	rBV	218298	410175	4.88%	0.479%
36	9.145	1042	1047	1054	rVB	51917	89099	1.06%	0.104%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	9.351	1075	1082	1087	rBV3	34993	87456	1.04%	0.102%
38	9.516	1103	1110	1114	rBV2	66028	123588	1.47%	0.144%
39	9.593	1114	1123	1132	rVB	855980	1569566	18.67%	1.832%
40	9.769	1148	1153	1162	rBV2	62349	119226	1.42%	0.139%
41	9.922	1176	1179	1193	rVB7	26619	66301	0.79%	0.077%
42	10.128	1207	1214	1225	rVV	1278118	2257430	26.85%	2.635%
43	10.240	1227	1233	1238	rVV4	57115	156038	1.86%	0.182%
44	10.287	1239	1241	1248	rVV5	40752	68159	0.81%	0.080%
45	10.363	1248	1254	1258	rVV5	48853	87327	1.04%	0.102%
46	10.416	1258	1263	1271	rVV	152914	303323	3.61%	0.354%
47	10.498	1271	1277	1283	rVV	1005053	1700738	20.23%	1.985%
48	10.545	1283	1285	1290	rVB	46757	59394	0.71%	0.069%
49	10.645	1295	1302	1313	rBV	837341	1601808	19.05%	1.870%
50	10.792	1322	1327	1332	rVB3	41858	85296	1.01%	0.100%
51	10.916	1343	1348	1363	rVB8	120847	348747	4.15%	0.407%
52	11.045	1363	1370	1373	rBV3	42639	84790	1.01%	0.099%
53	11.239	1398	1403	1411	rBV9	36138	74193	0.88%	0.087%
54	11.369	1422	1425	1431	rVB6	42246	80228	0.95%	0.094%
55	11.675	1473	1477	1481	rBV3	42274	68236	0.81%	0.080%
56	11.816	1496	1501	1506	rVB	70323	114050	1.36%	0.133%
57	12.116	1548	1552	1556	rVB2	38587	58617	0.70%	0.068%
58	12.186	1557	1564	1569	rBV8	57033	124275	1.48%	0.145%
59	12.245	1571	1574	1582	rVB8	35908	68210	0.81%	0.080%
60	12.381	1589	1597	1601	rVB5	59851	142002	1.69%	0.166%
61	12.451	1601	1609	1615	rBV7	84143	236405	2.81%	0.276%
62	12.616	1630	1637	1640	rBV3	35718	81430	0.97%	0.095%
63	12.798	1665	1668	1672	rVB	43630	57112	0.68%	0.067%
64	12.851	1674	1677	1685	rVV7	32698	78750	0.94%	0.092%
65	13.151	1721	1728	1730	rBV6	31061	74201	0.88%	0.087%
66	13.369	1761	1765	1774	rVB4	53453	116003	1.38%	0.135%
67	13.586	1796	1802	1808	rBV6	98792	193988	2.31%	0.226%
68	13.669	1810	1816	1821	rVV6	83825	182613	2.17%	0.213%
69	13.757	1825	1831	1840	rVV	2255665	3565876	42.41%	4.162%
70	13.833	1841	1844	1849	rVB2	43470	70584	0.84%	0.082%
71	13.992	1867	1871	1875	rBV3	100955	167839	2.00%	0.196%
72	14.045	1875	1880	1891	rVB	2762734	3937411	46.82%	4.596%
73	14.169	1899	1901	1911	rVB5	54650	100607	1.20%	0.117%
74	14.357	1927	1933	1941	rBV	1591418	2461661	29.27%	2.873%
75	14.457	1943	1950	1956	rVV5	82009	256301	3.05%	0.299%
76	14.551	1962	1966	1970	rVB3	79599	111937	1.33%	0.131%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

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-BP062524.MA.M
Title : SVOA CALIBRATION

77	14.610	1970	1976	1984	rVB2	307066	540082	6.42%	0.630%
78	14.686	1984	1989	1994	rVB3	94036	149892	1.78%	0.175%
79	14.769	1996	2003	2006	rBV4	79898	170125	2.02%	0.199%
80	14.839	2012	2015	2021	rBV4	33592	65113	0.77%	0.076%
81	15.122	2059	2063	2065	rBV3	40595	62211	0.74%	0.073%
82	15.210	2074	2078	2082	rVB3	103348	163455	1.94%	0.191%
83	15.316	2092	2096	2098	rBV2	45880	67590	0.80%	0.079%
84	15.369	2098	2105	2112	rVV	3426788	5087568	60.50%	5.938%
85	15.439	2114	2117	2121	rVB3	48844	63731	0.76%	0.074%
86	15.516	2124	2130	2137	rVV	834884	1273057	15.14%	1.486%
87	15.645	2148	2152	2160	rVB2	178078	286928	3.41%	0.335%
88	15.769	2165	2173	2181	rVB2	299001	679147	8.08%	0.793%
89	15.922	2196	2199	2203	rBV2	86735	144450	1.72%	0.169%
90	17.163	2405	2410	2419	rVB	1941611	2823656	33.58%	3.296%
91	17.280	2422	2430	2440	rVV	3604189	5844247	69.50%	6.821%
92	18.110	2567	2571	2577	rBV	443233	645805	7.68%	0.754%
93	18.169	2578	2581	2590	rVB2	102417	188847	2.25%	0.220%
94	19.439	2793	2797	2808	rBV2	234460	409453	4.87%	0.478%
95	19.663	2829	2835	2841	rBV	5178519	7027226	83.57%	8.202%
96	19.915	2875	2878	2885	rVB	97564	130267	1.55%	0.152%
97	20.168	2918	2921	2924	rBV4	124597	157269	1.87%	0.184%
98	21.633	3164	3170	3180	rVB	1962618	3108552	36.97%	3.628%
99	24.762	3692	3702	3726	rVB	2880157	8408924	100.00%	9.815%
100	24.992	3733	3741	3752	rBV	1163239	3107541	36.96%	3.627%

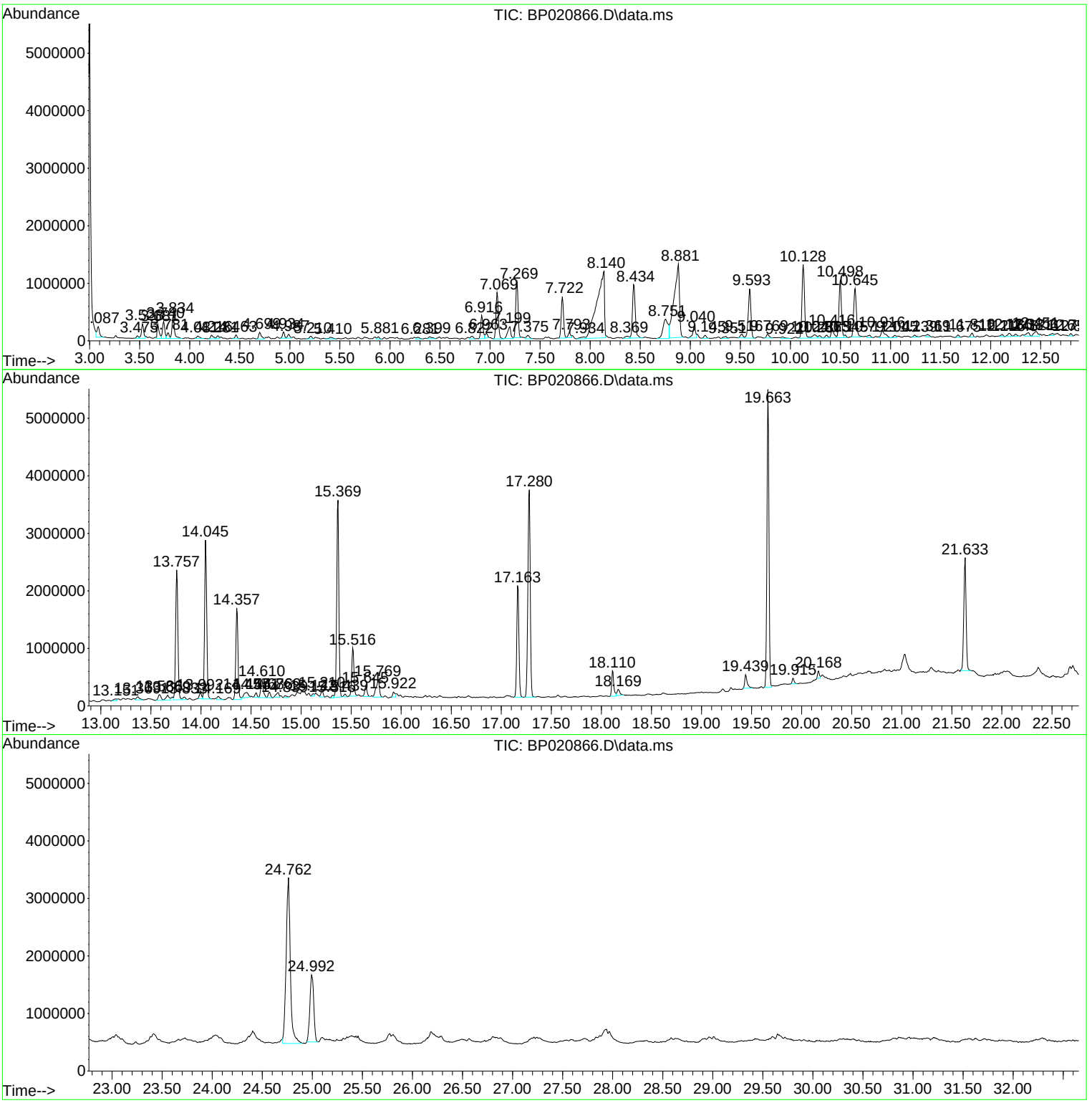
Sum of corrected areas: 85675579

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

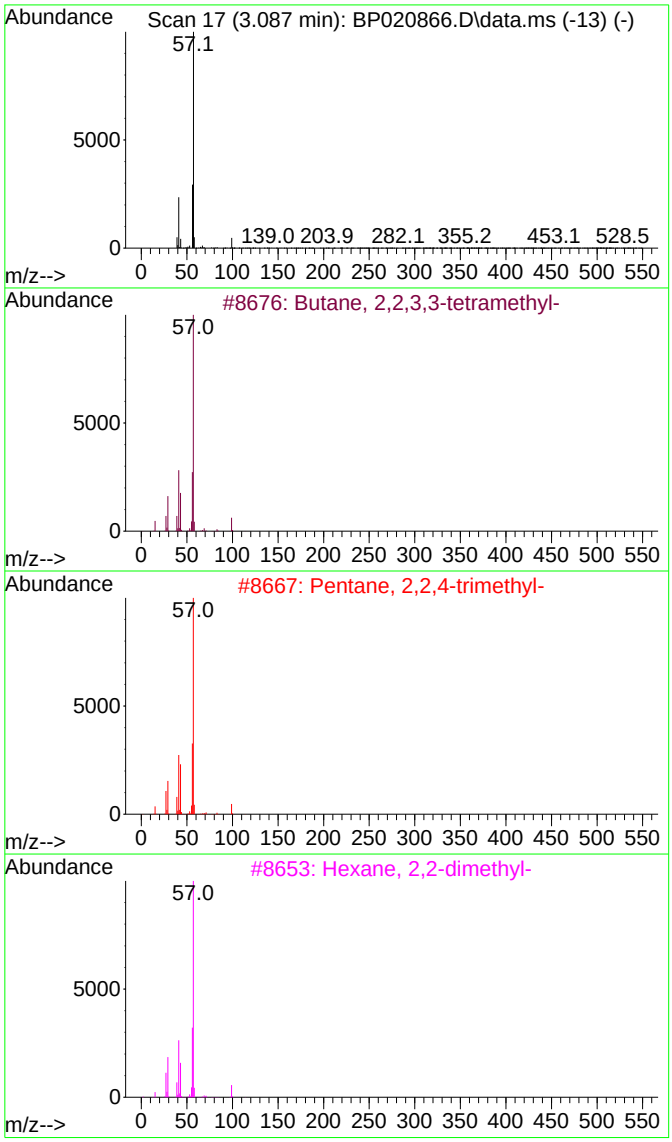
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

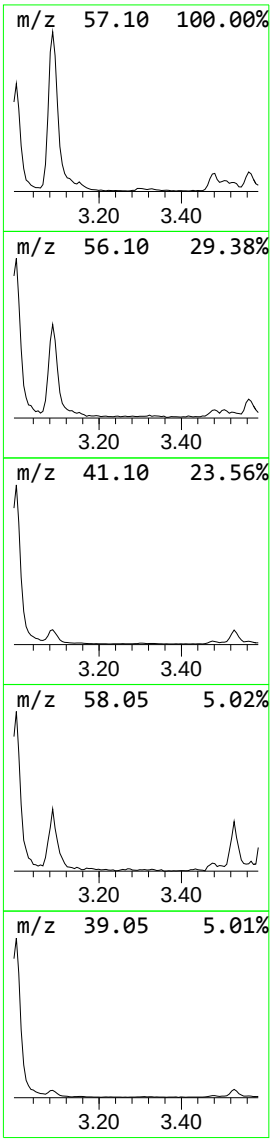
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	5.71 ng/ul	326982	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	39
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

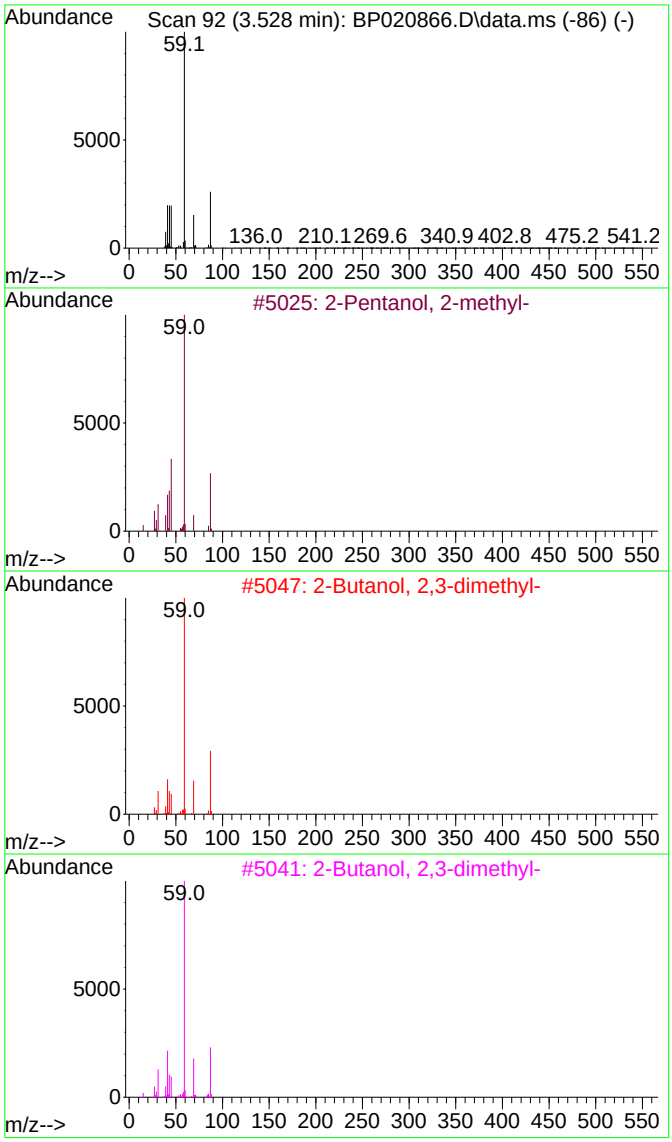
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

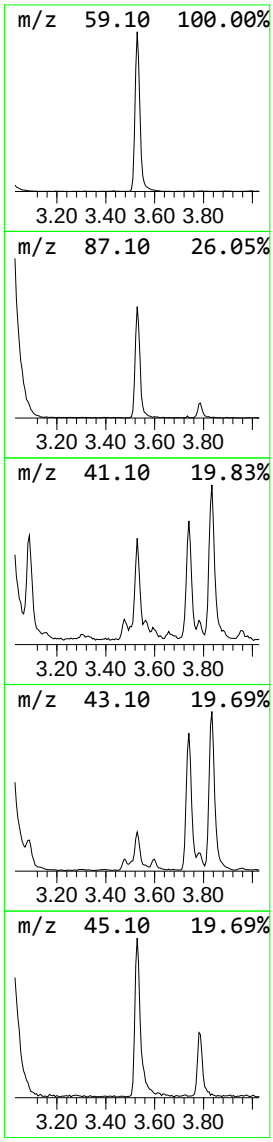
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanol, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.528	6.84 ng/ul	391893	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

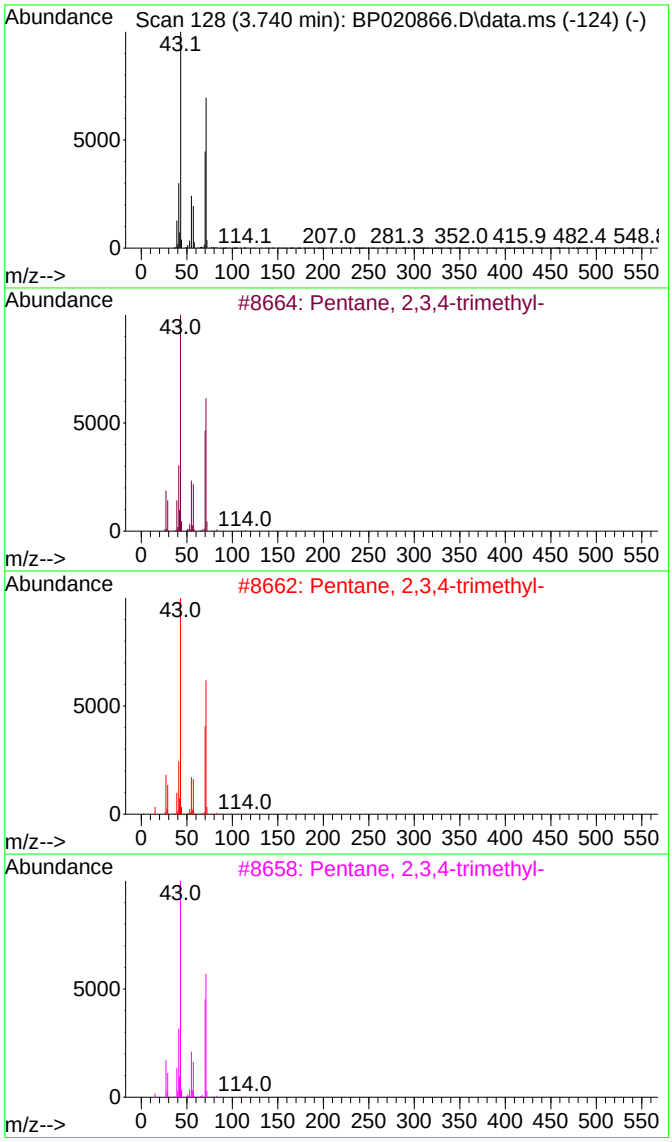
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

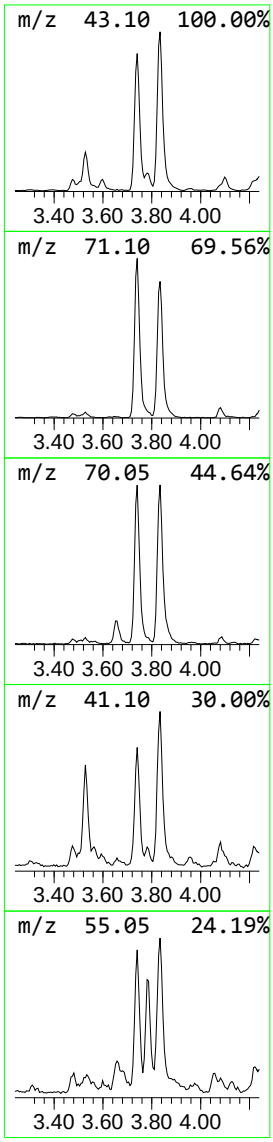
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.740	7.92 ng/ul	453539	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

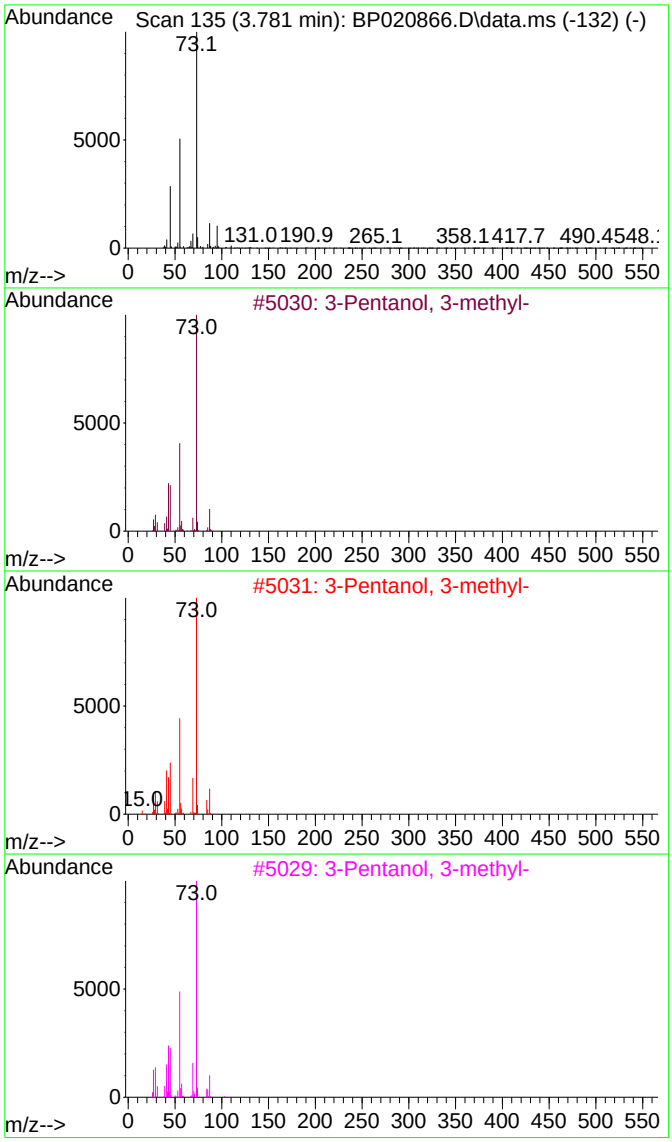
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

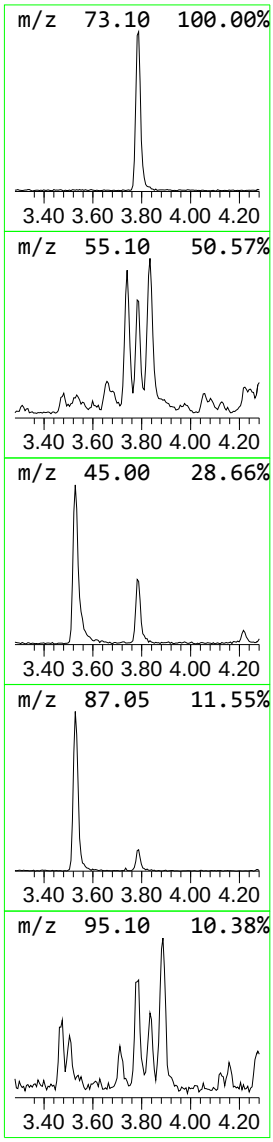
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanol, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	2.62 ng/ul	150144	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

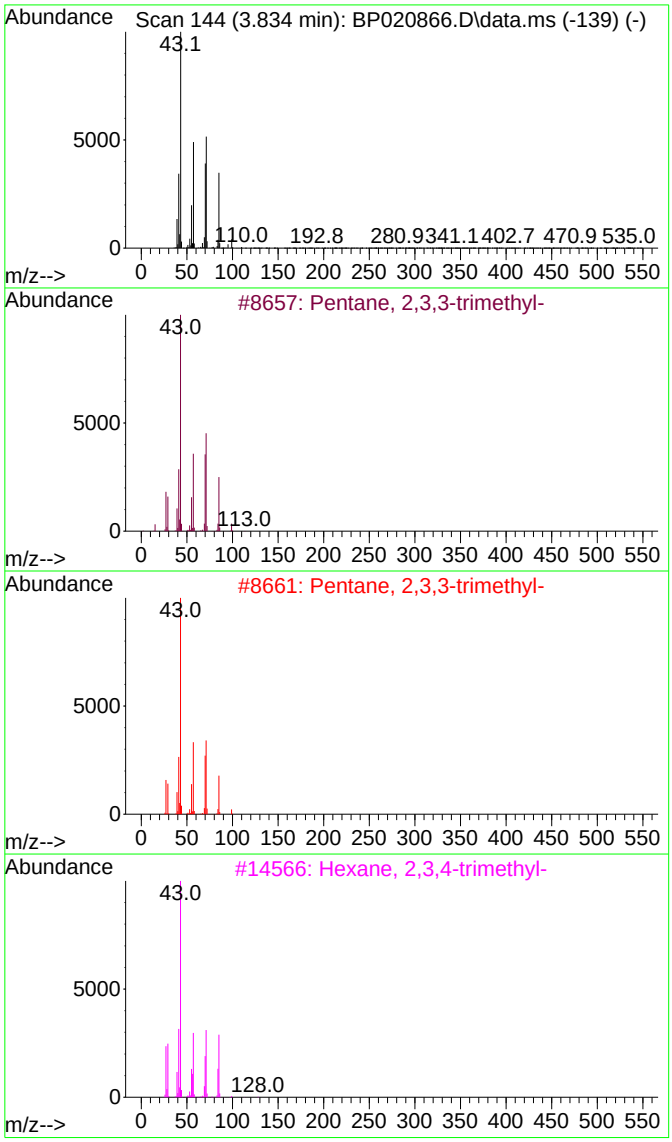
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

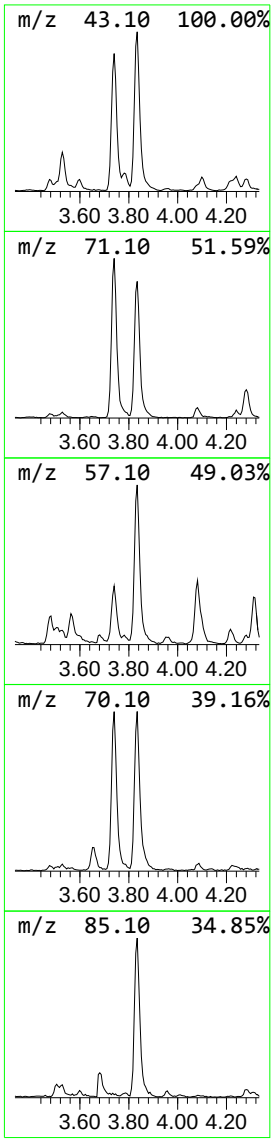
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.834	11.75 ng/ul	672913	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4	Octane, 4-methyl-	128	C9H20	002216-34-4	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





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Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

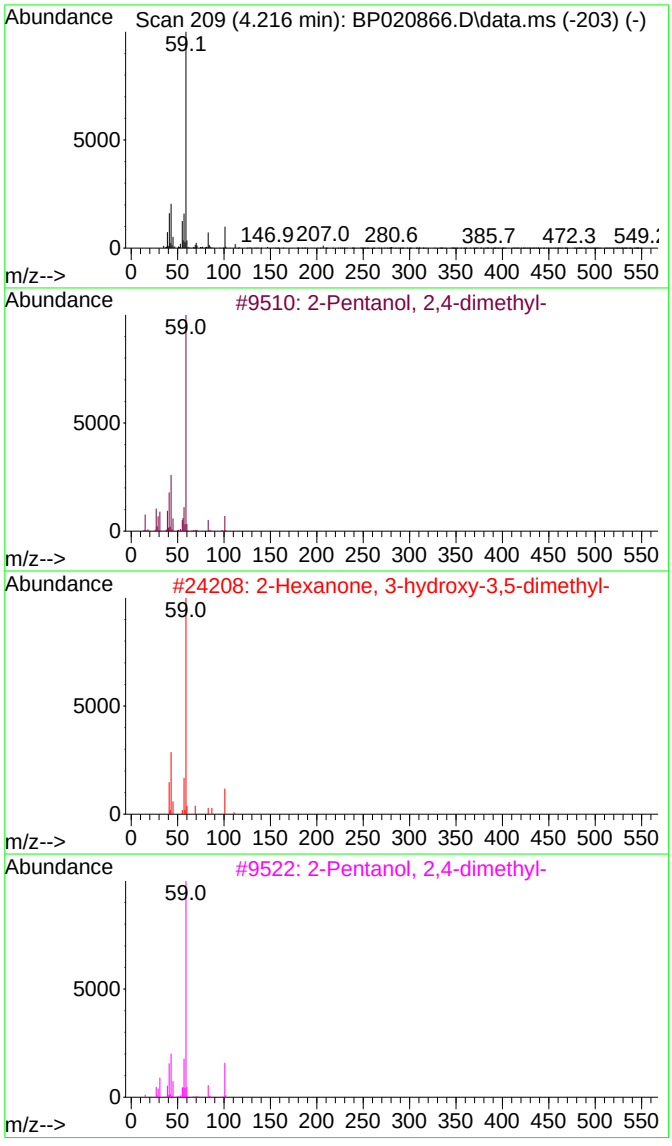
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

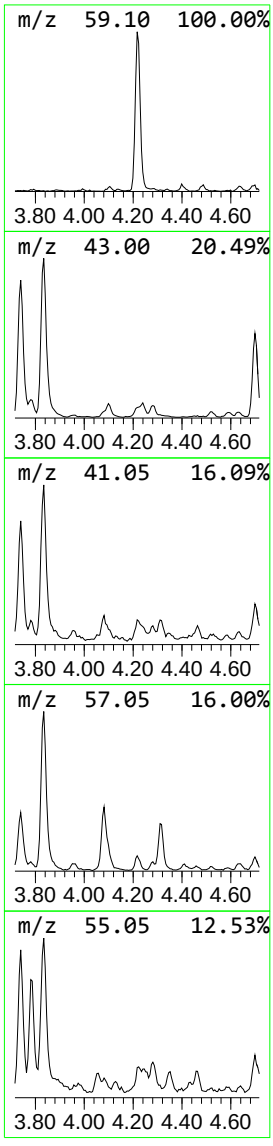
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Pentanol, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.216	2.16 ng/ul	123832	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	78
2	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	78
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	64
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	64





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Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

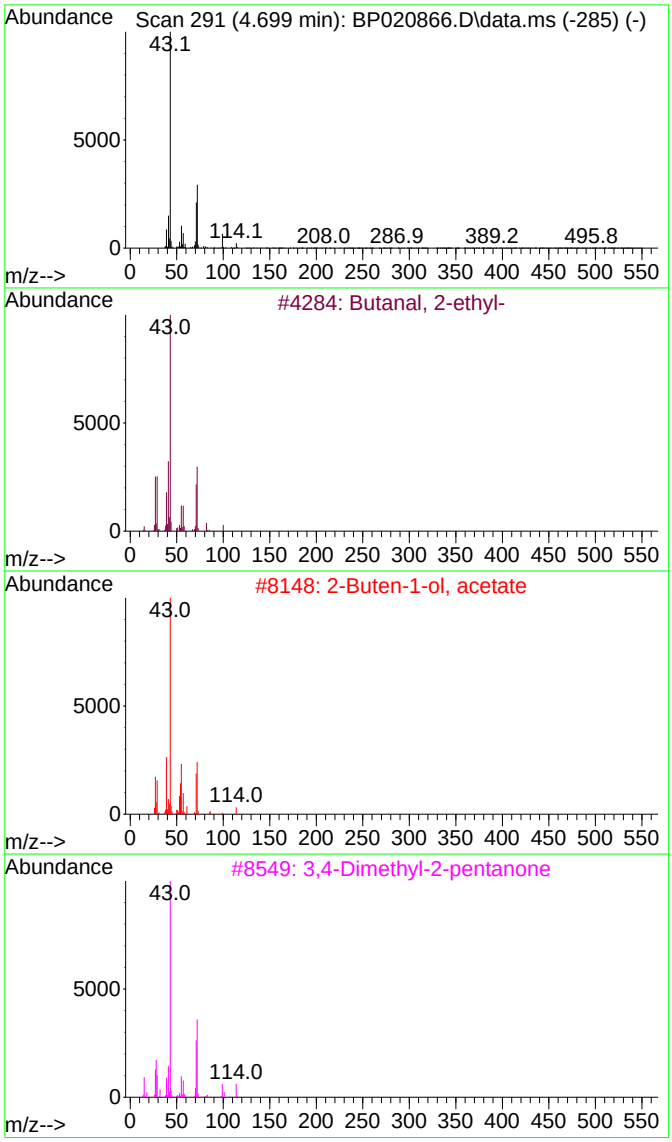
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

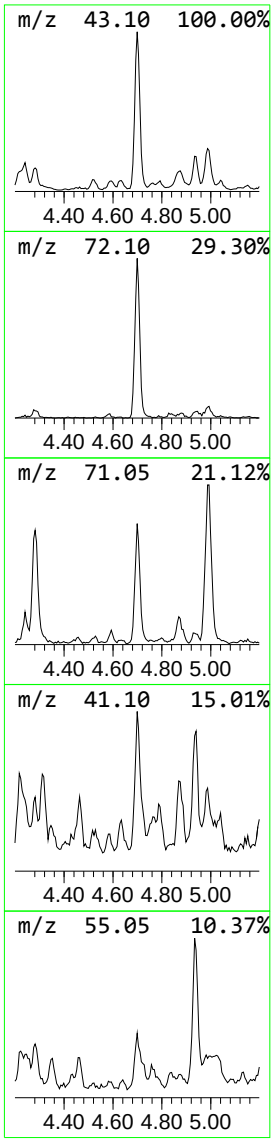
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butanal, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.699	3.78 ng/ul	216689	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	64
2	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	50
3	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	50
4	2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	50
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	50





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Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

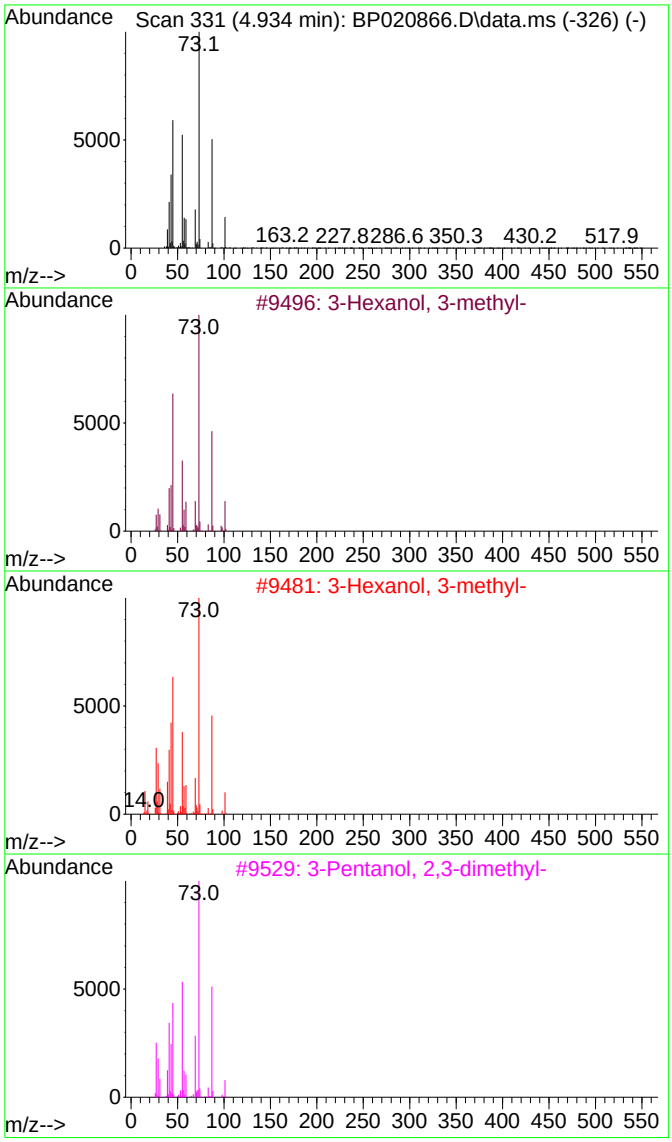
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

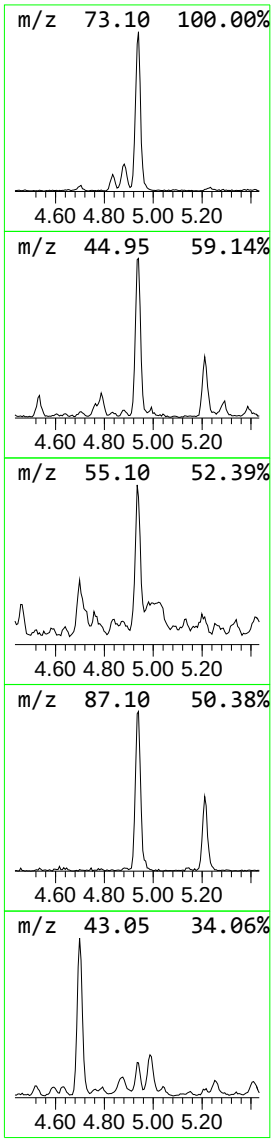
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Hexanol, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	2.81 ng/ul	160959	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	78
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	78
3	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	64
4	Hexane, 3-methoxy-	116	C7H16O	054658-01-4	53
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	45





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Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

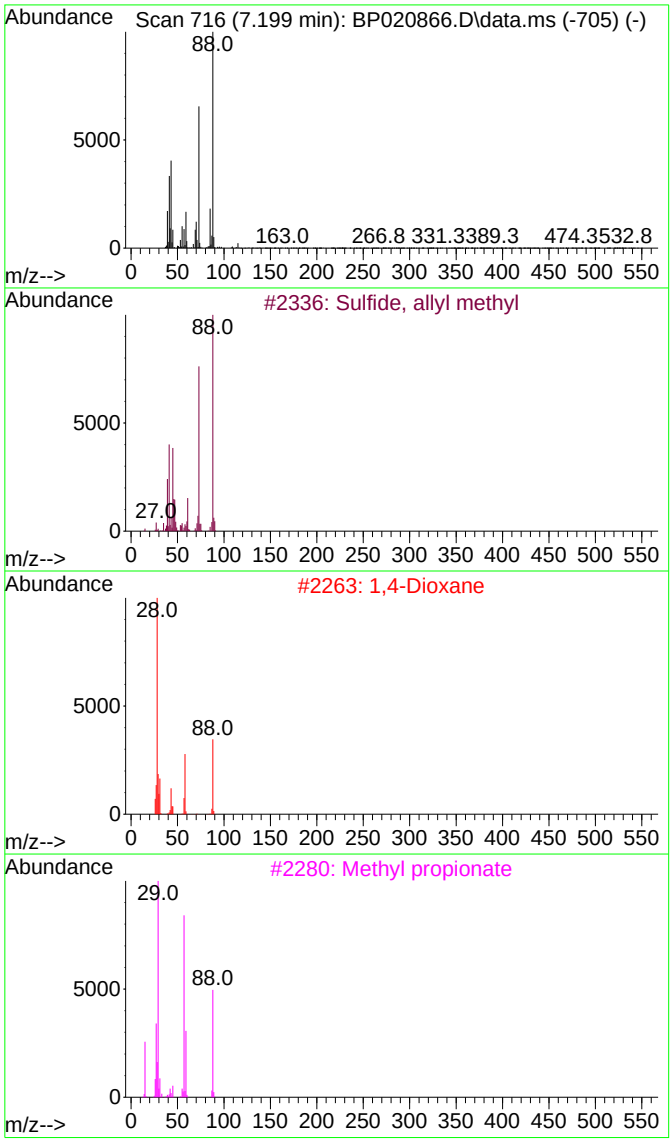
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

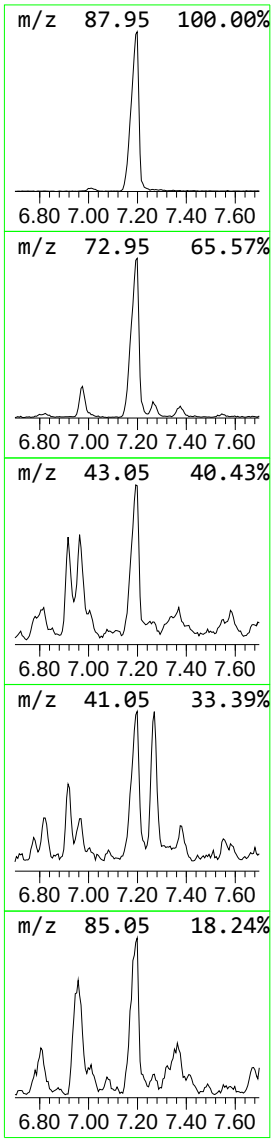
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Sulfide, allyl methyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.199	8.17 ng/ul	468215	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, allyl methyl	88	C4H8S	010152-76-8	53
2	1,4-Dioxane	88	C4H8O2	000123-91-1	53
3	Methyl propionate	88	C4H8O2	000554-12-1	50
4	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	43
5	Aspartic acid	133	C4H7NO4	000056-84-8	40





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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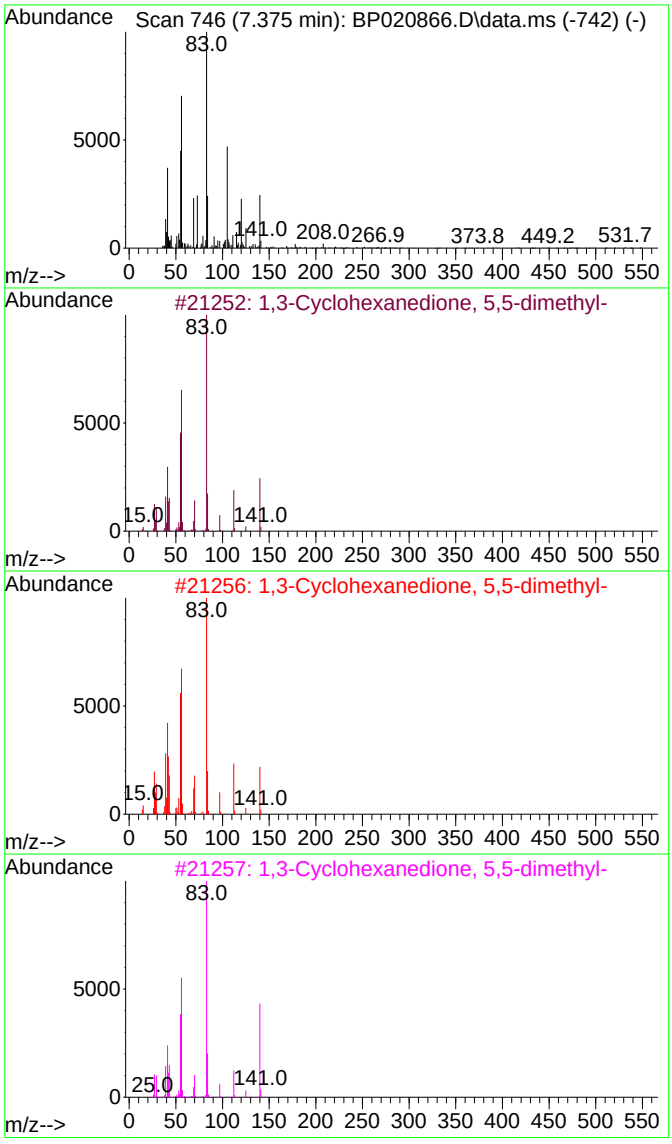
Quant Title : SVOA CALIBRATION

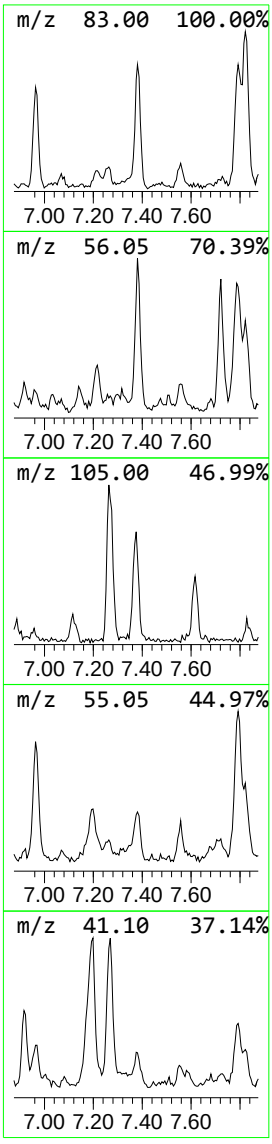
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,3-Cyclohexanedione, 5,5-d... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.375	2.11 ng/ul	120936	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	64
2	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	53
3	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	45
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	43
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	38





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Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

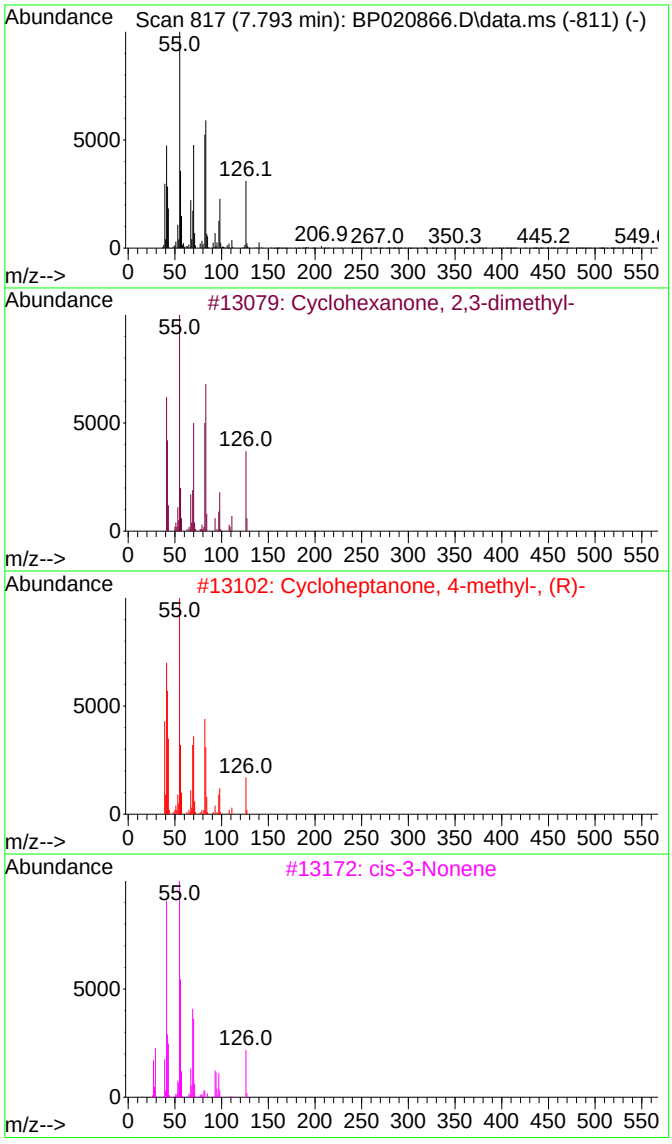
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

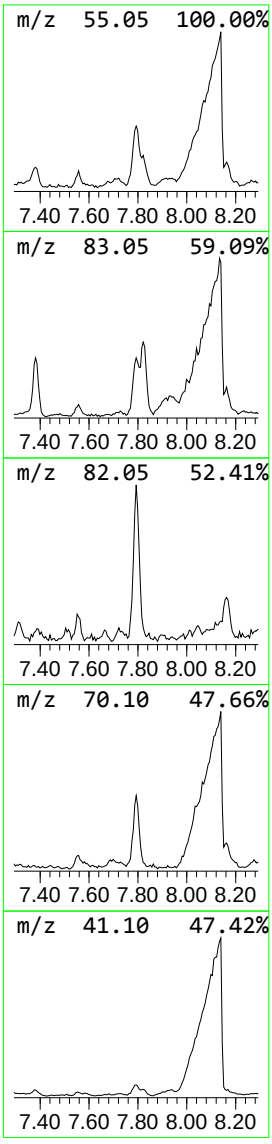
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexanone, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.793	2.69 ng/ul	154094	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
2	Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	80
3	cis-3-Nonene	126	C9H18	020237-46-1	38
4	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	27
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	27





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Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

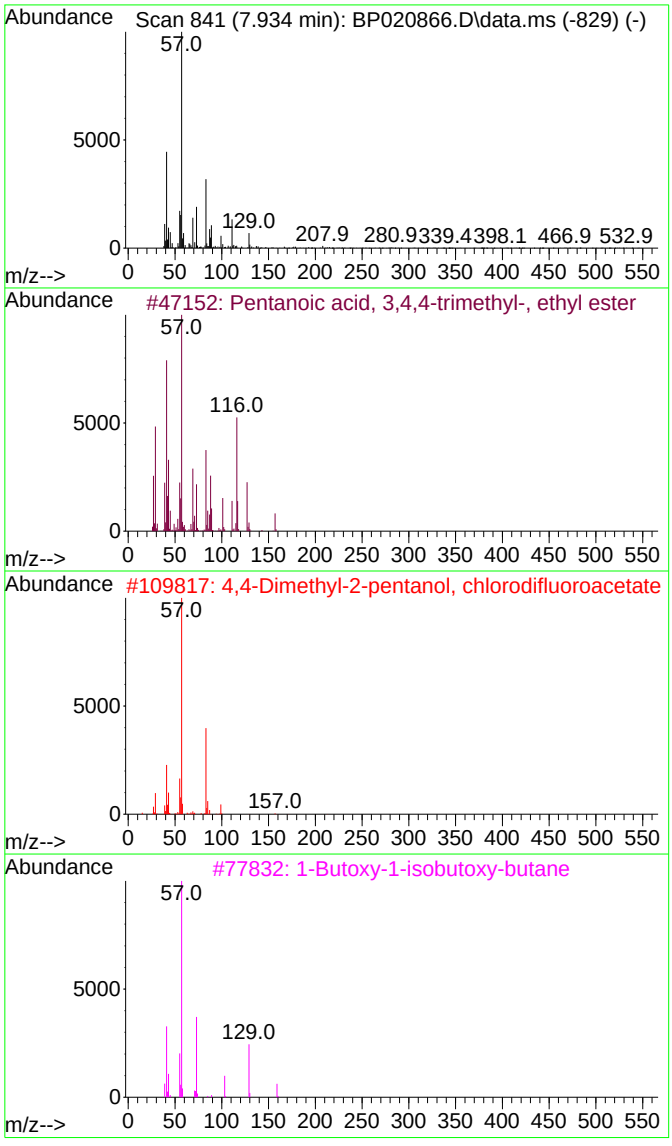
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

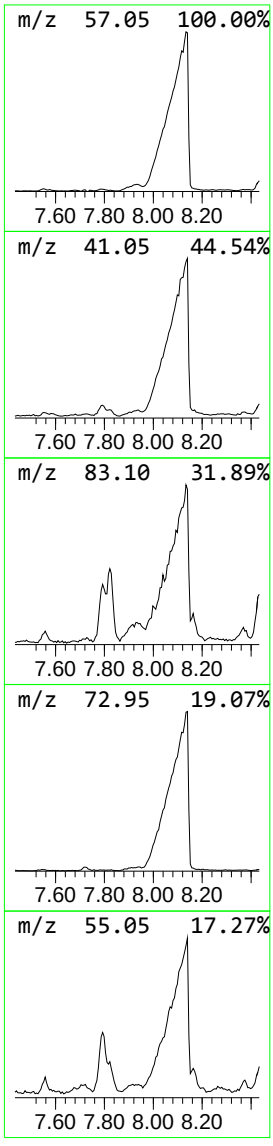
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.934	2.15 ng/ul	123256	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 3,4,4-trimethyl-...	172	C10H20O2	106325-27-3	40
2	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	35
3	1-Butoxy-1-isobutoxy-butane	202	C12H26O2	020266-12-0	16
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	12
5	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	12





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Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

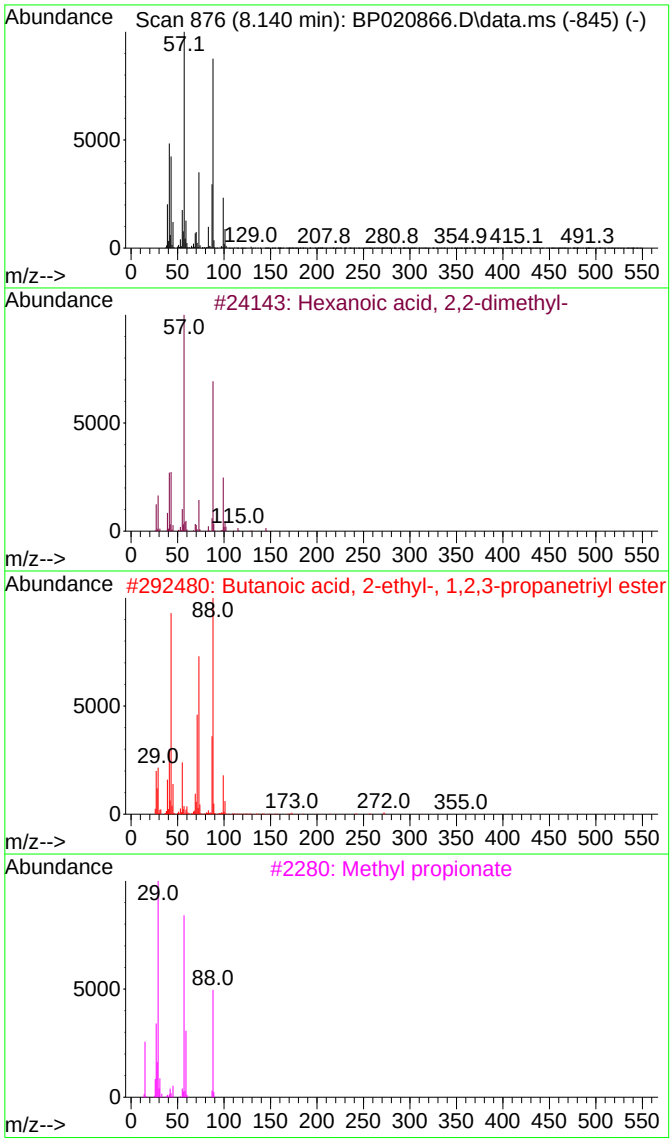
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

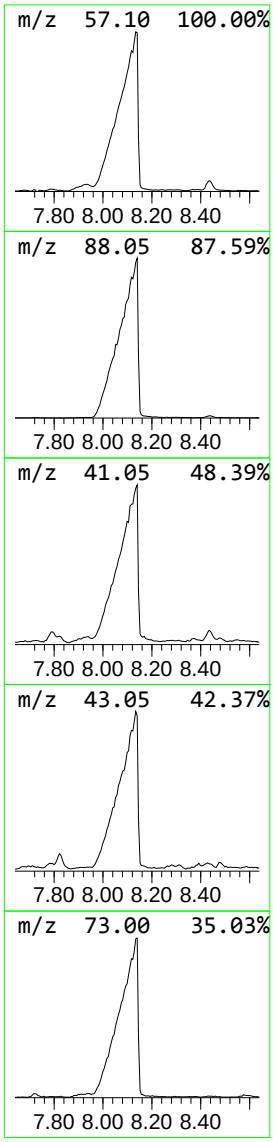
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexanoic acid, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.140	107.53 ng/ul	6158680	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	59
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Methyl propionate	88	C4H8O2	000554-12-1	47
4	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	40
5	t-C4H9CH2C(O)OCH2CH3	144	C8H16O2	005340-78-3	40





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Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
H0HC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

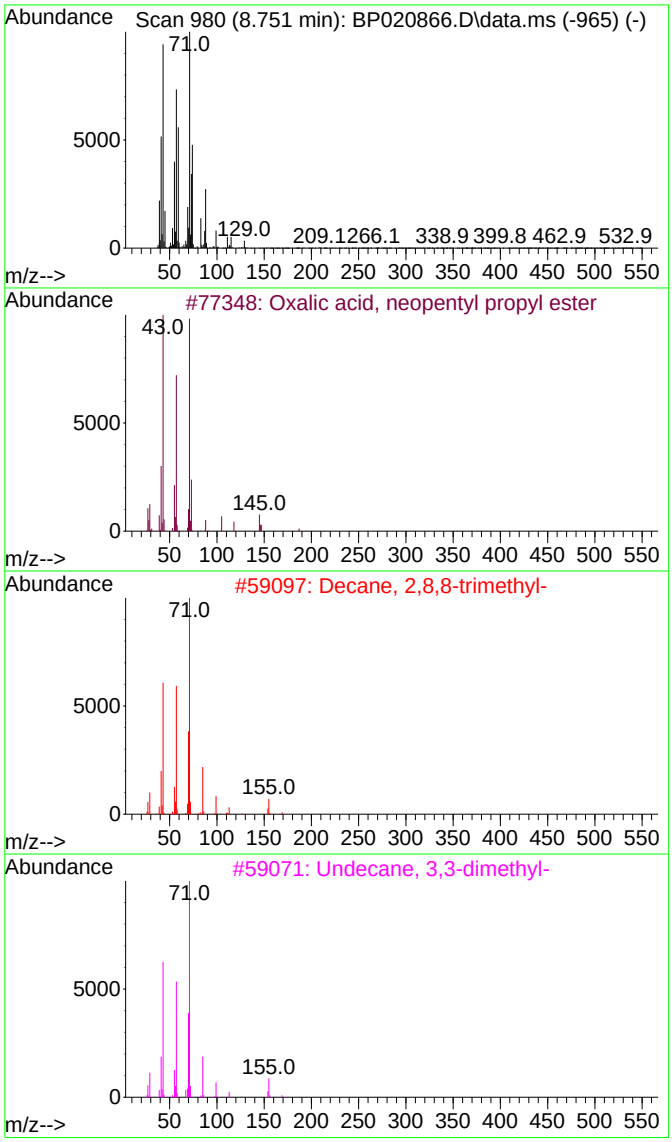
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

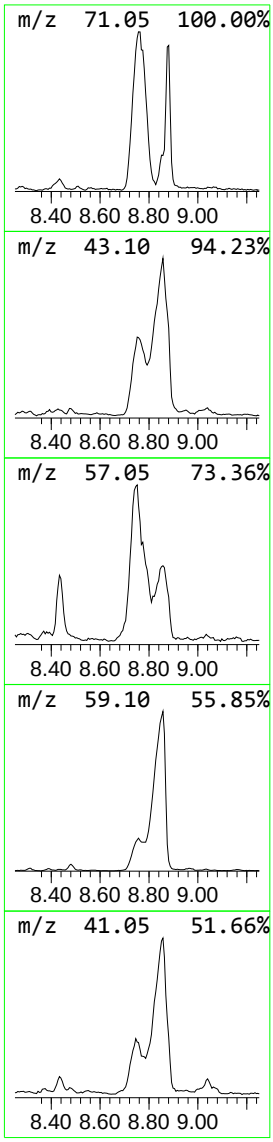
****

Peak Number 14 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	21.41 ng/ul	1226450	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, neopentyl propyl ester	202	C10H18O4	1000309-72-5	38
2	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	35
3	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	35
4	3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	35
5	2,2,3-Triethyloxirane	128	C8H16O	053229-40-6	35





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ALS Vial : 40 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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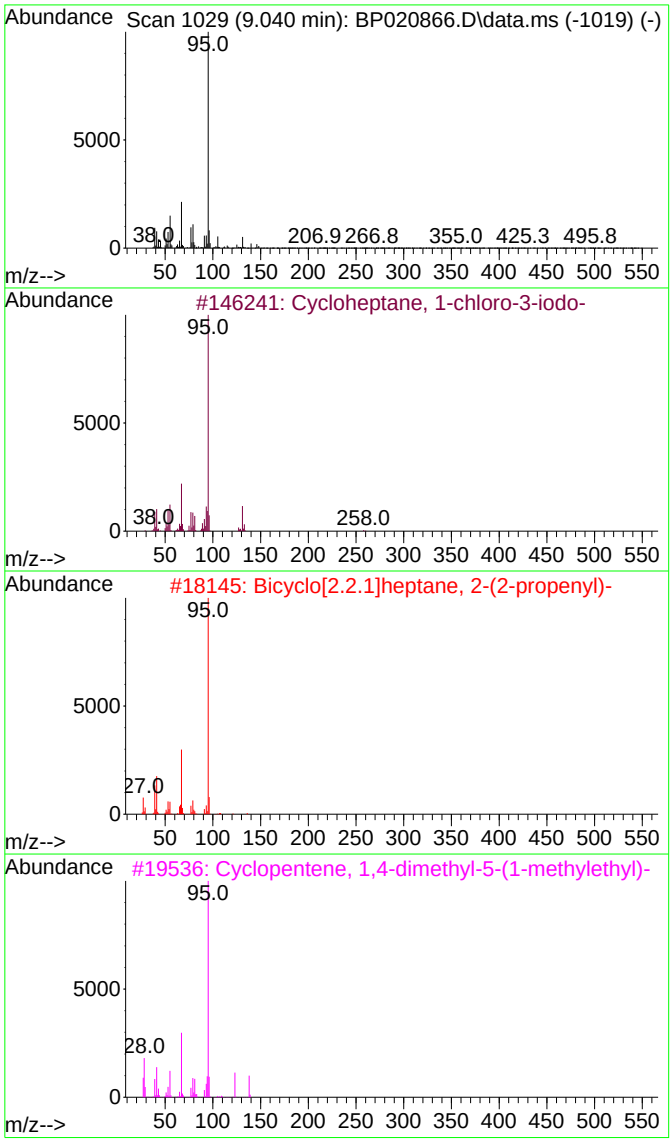
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

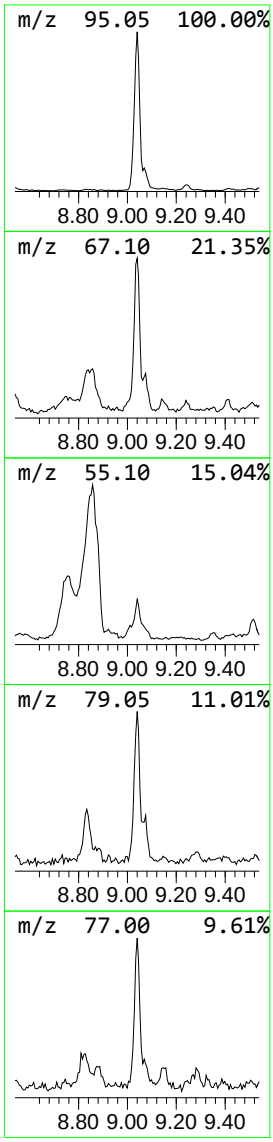
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cycloheptane, 1-chloro-3-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.040	7.16 ng/ul	410175	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 1-chloro-3-iodo-	258	C7H12ClI	1000337-09-8	72
2	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	64
3	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	56
4	Cyclohexene, 3-(iodomethyl)-	222	C7H11I	034825-94-0	50
5	Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	50





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ClientSampleId :
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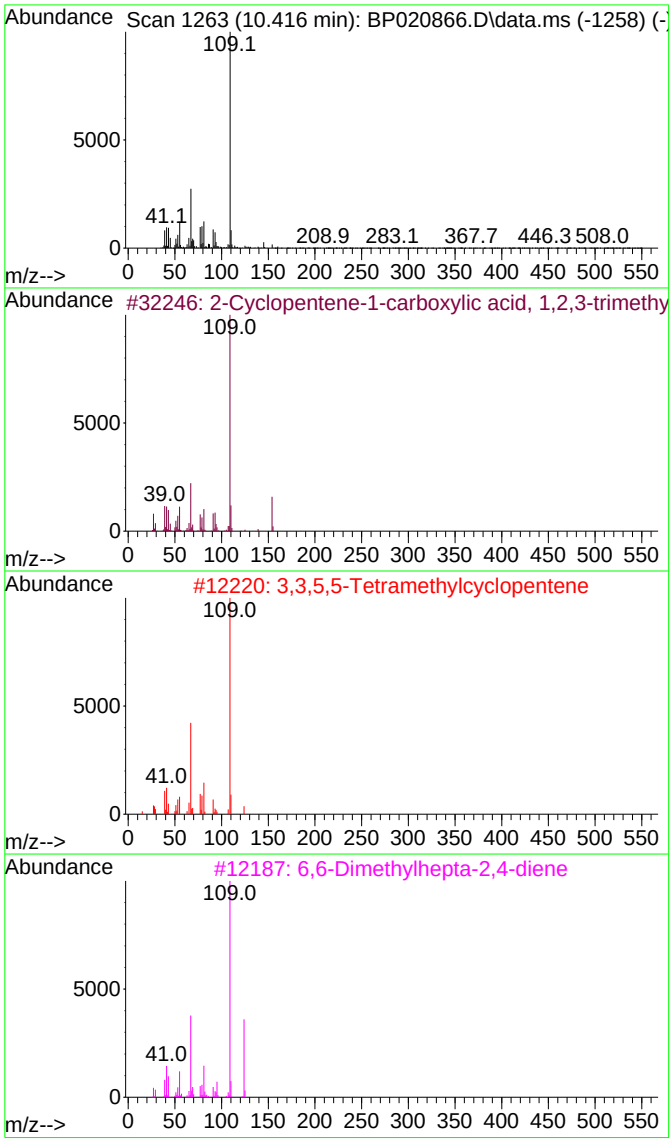
Quant Title : SVOA CALIBRATION

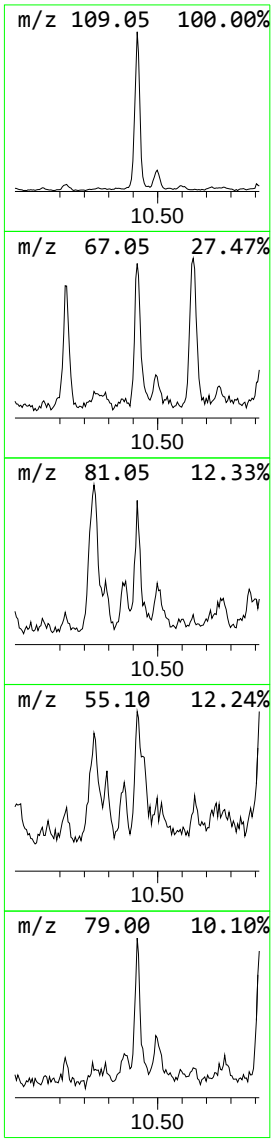
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Cyclopentene-1-carboxylic... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	3.57 ng/ul	303323	Naphthalene-d8	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	80
2	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	78
3	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	72
4	1,2,3,1',2',3'-Hexamethyl-bicycl...	218	C16H26	051999-35-0	64
5	1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

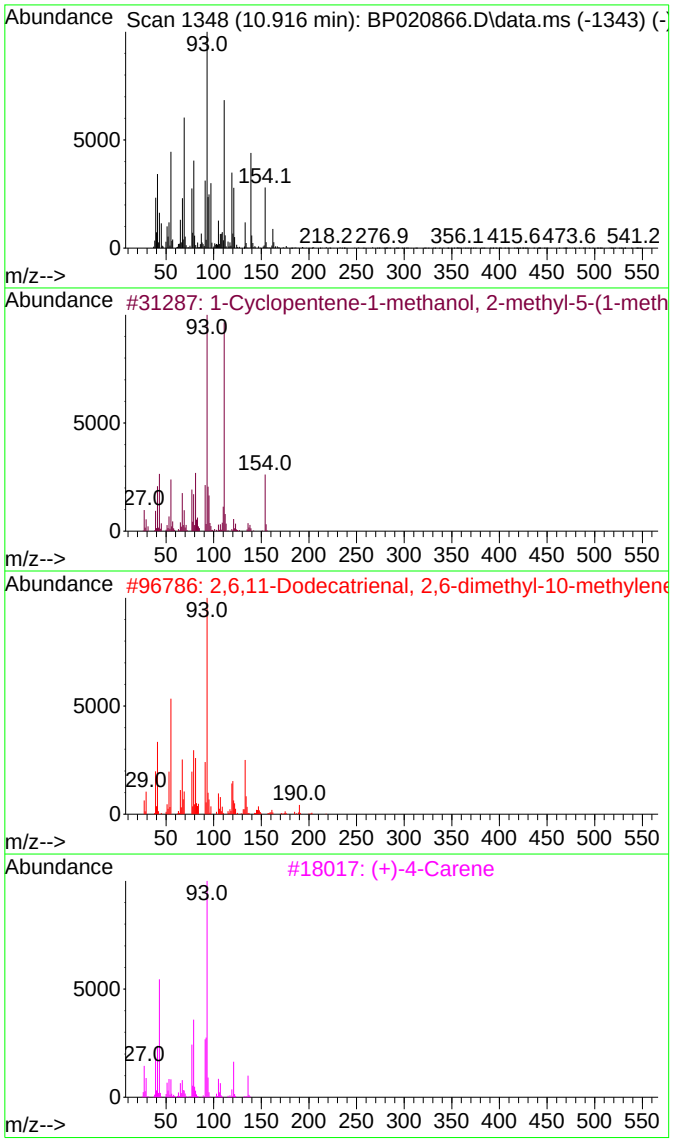
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

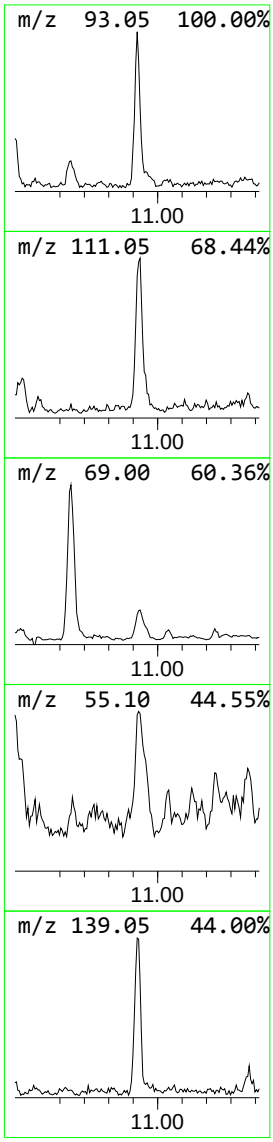
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	4.10 ng/ul	348747	Naphthalene-d8	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopentene-1-methanol, 2-met...	154	C10H18O	080113-82-2	47
2	2,6,11-Dodecatrienal, 2,6-dimeth...	218	C15H22O	060066-88-8	35
3	(+)-4-Carene	136	C10H16	029050-33-7	27
4	2(3H)-Benzofuranone, hexahydro-7...	154	C9H14O2	039163-24-1	25
5	.beta.-Santalol	220	C15H24O	000077-42-9	25





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Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

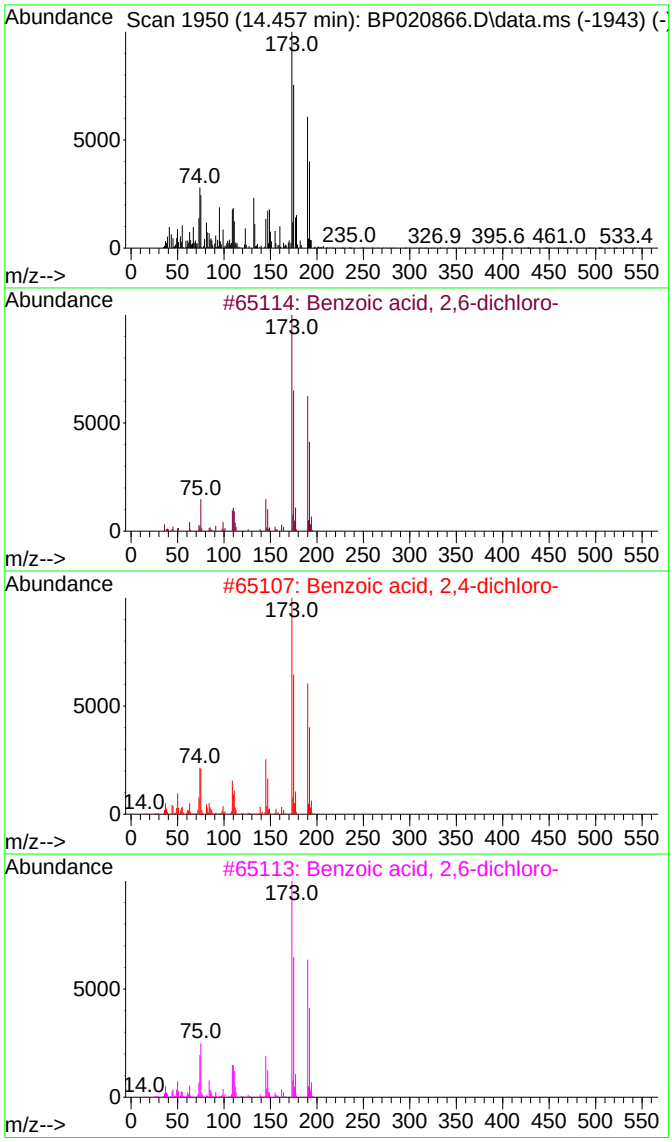
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

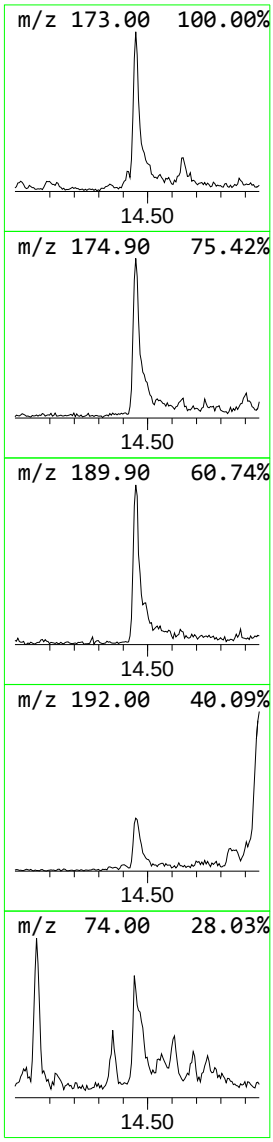
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzoic acid, 2,6-dichloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	2.08 ng/ul	256301	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	91
2	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	91
3	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	90
4	Benzoic acid, 2,3-dichloro-	190	C7H4Cl2O2	000050-45-3	90
5	Benzoic acid, 2,3-dichloro-	190	C7H4Cl2O2	000050-45-3	90





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Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

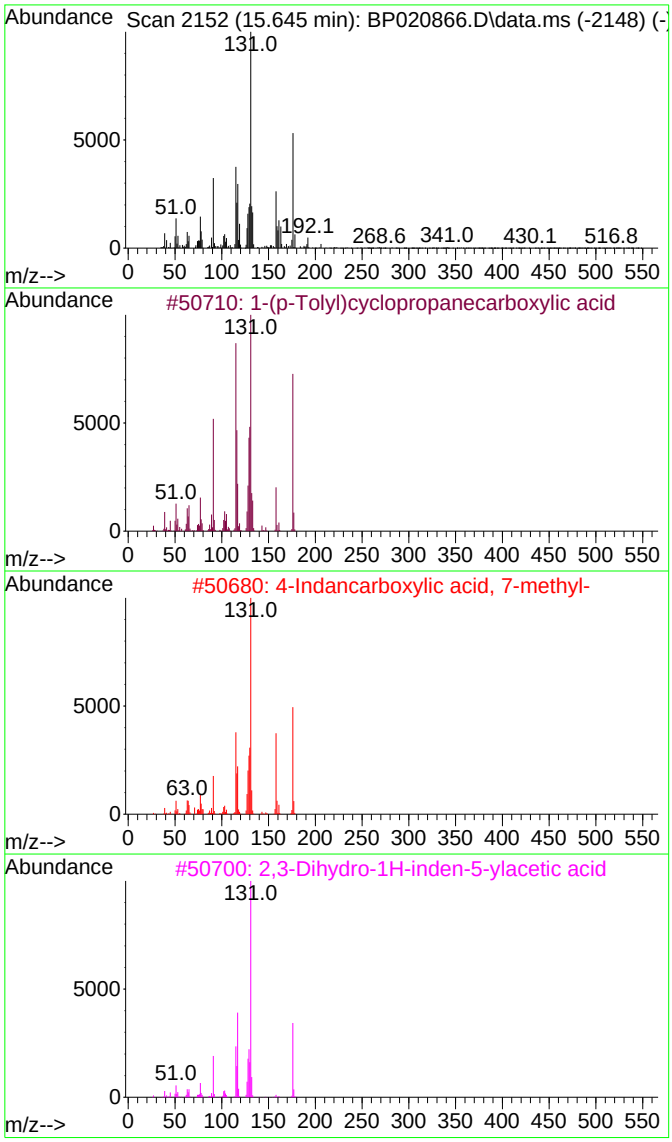
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

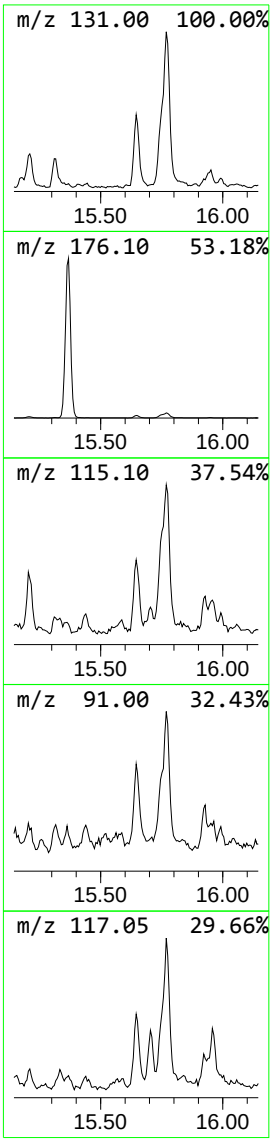
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-(p-Tolyl)cyclopropanecarb... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	2.33 ng/ul	286928	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Tolyl)cyclopropanecarboxyli...	176	C11H12O2	083846-66-6	72
2	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	64
3	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	58
4	3-(Hydroxyimino)-7-methylindolin...	176	C9H8N2O2	013208-96-3	53
5	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

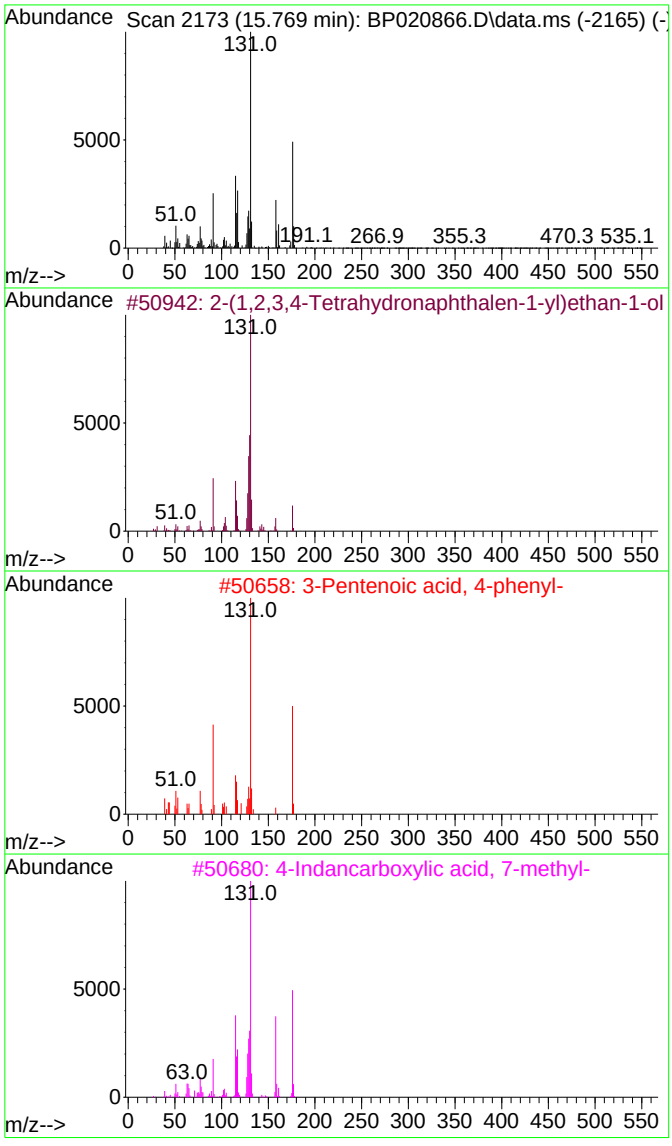
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

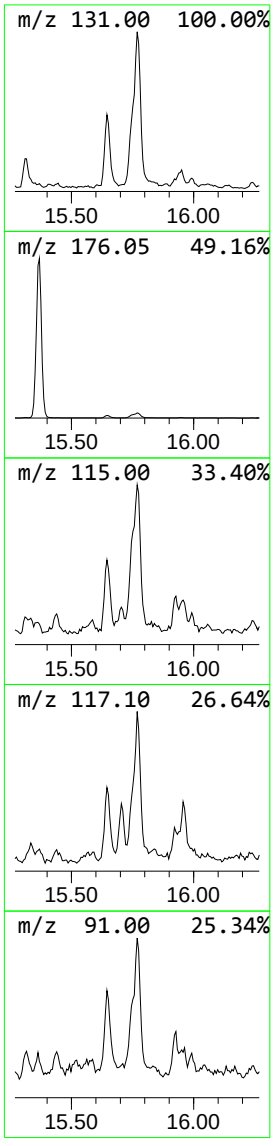
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-(1,2,3,4-Tetrahydronaphth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	4.81 ng/ul	679147	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1,2,3,4-Tetrahydronaphthalen-...	176	C12H16O	068480-12-6	68
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	68
3	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	64
4	1-(p-Tolyl)cyclopropanecarboxyli...	176	C11H12O2	083846-66-6	53
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49





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Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

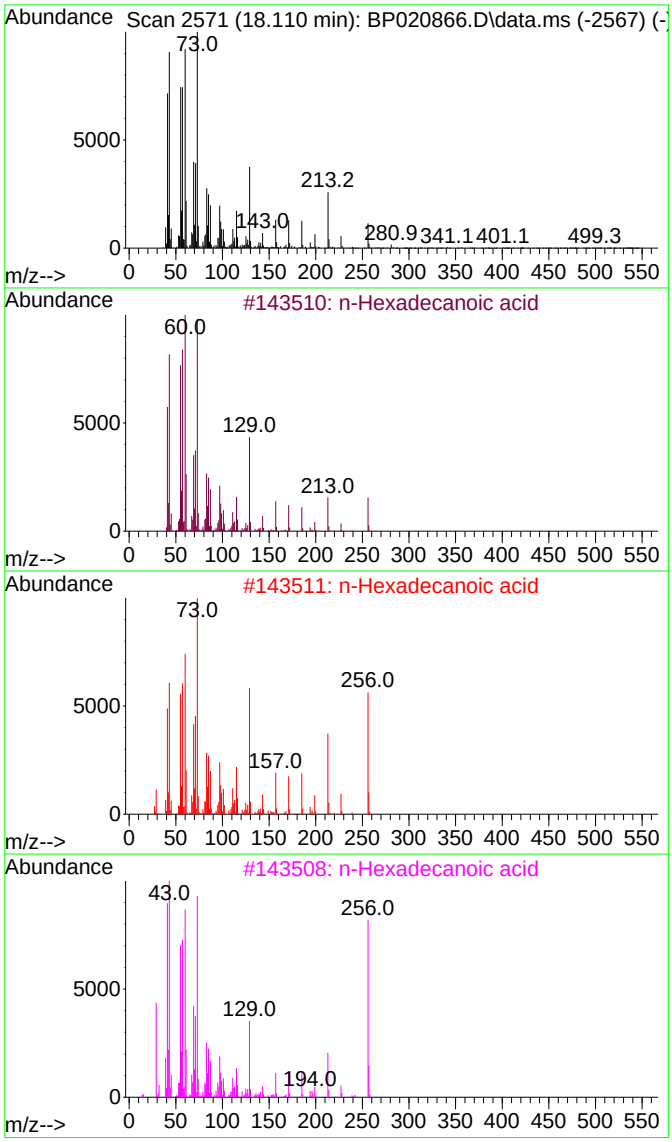
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

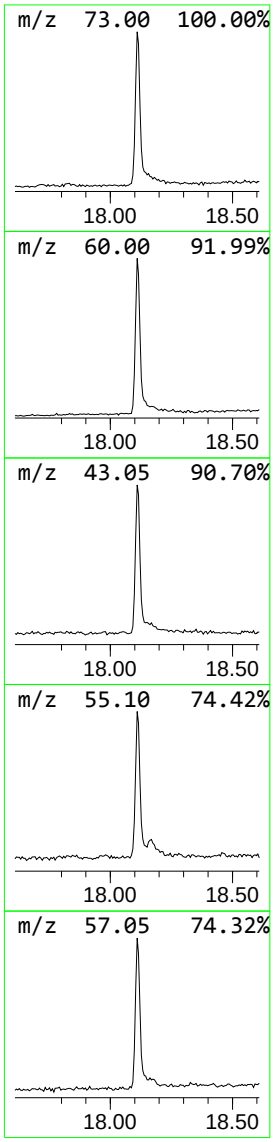
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	4.57 ng/ul	645805	Phenanthrene-d10	17.163

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	98
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	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

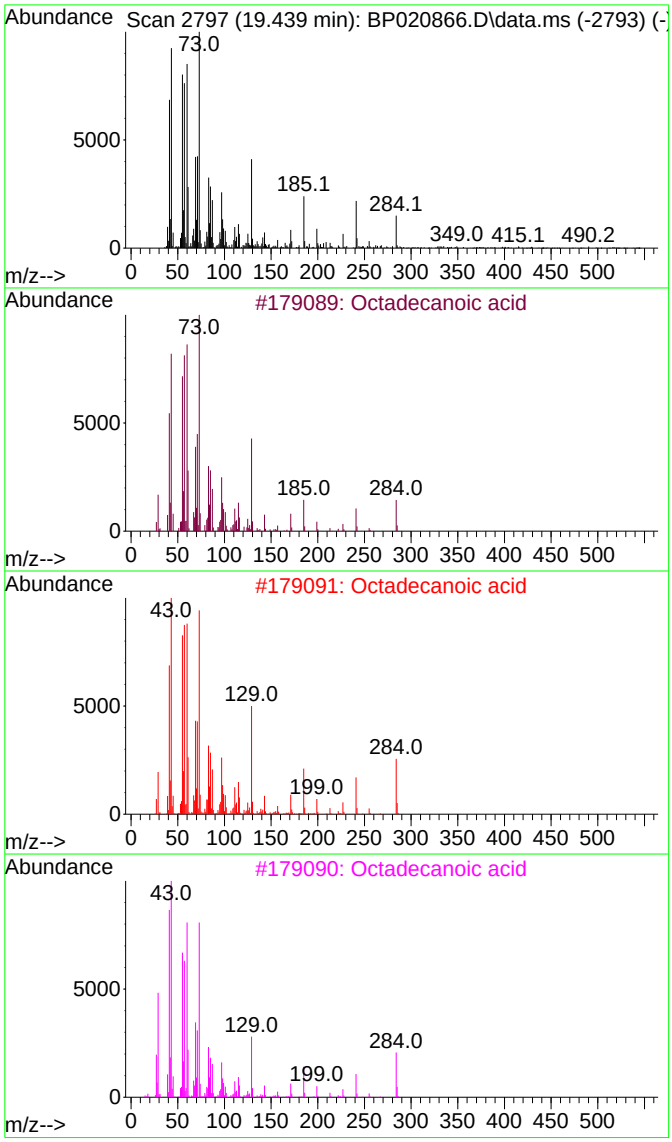
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

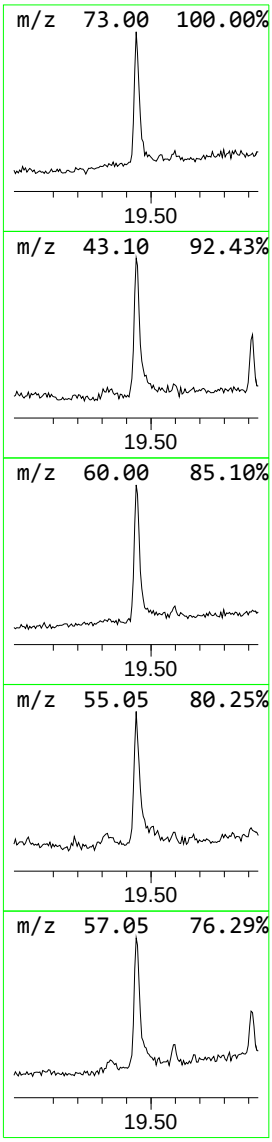
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	2.63 ng/ul	409453	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020866.D
Acq On : 09 Jul 2024 16:12
Operator : MA/JU
Sample : P3109-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
(DEL) Alkane: S...	3.087	5.7	ng/ul	326982	1	7.722	1145490	20.0
2-Pentanol, 2-m...	3.528	6.8	ng/ul	391893	1	7.722	1145490	20.0
(DEL) Alkane: S...	3.740	7.9	ng/ul	453539	1	7.722	1145490	20.0
3-Pentanol, 3-m...	3.781	2.6	ng/ul	150144	1	7.722	1145490	20.0
(DEL) Alkane: S...	3.834	11.8	ng/ul	672913	1	7.722	1145490	20.0
2-Pentanol, 2,4...	4.216	2.2	ng/ul	123832	1	7.722	1145490	20.0
Butanal, 2-ethyl-	4.699	3.8	ng/ul	216689	1	7.722	1145490	20.0
3-Hexanol, 3-me...	4.934	2.8	ng/ul	160959	1	7.722	1145490	20.0
Sulfide, allyl ...	7.199	8.2	ng/ul	468215	1	7.722	1145490	20.0
1,3-Cyclohexane...	7.375	2.1	ng/ul	120936	1	7.722	1145490	20.0
Cyclohexanone, ...	7.793	2.7	ng/ul	154094	1	7.722	1145490	20.0
unknown-01	7.934	2.1	ng/ul	123256	1	7.722	1145490	20.0
Hexanoic acid, ...	8.140	107.5	ng/ul	6158680	1	7.722	1145490	20.0
unknown-02	8.751	21.4	ng/ul	1226450	1	7.722	1145490	20.0
Cycloheptane, 1...	9.040	7.2	ng/ul	410175	1	7.722	1145490	20.0
2-Cyclopentene-...	10.416	3.6	ng/ul	303323	2	10.498	1700740	20.0
unknown-03	10.916	4.1	ng/ul	348747	2	10.498	1700740	20.0
Benzoic acid, 2...	14.457	2.1	ng/ul	256301	3	14.357	2461660	20.0
1-(p-Tolyl)cycl...	15.645	2.3	ng/ul	286928	3	14.357	2461660	20.0
2-(1,2,3,4-Tetr...	15.769	4.8	ng/ul	679147	4	17.163	2823660	20.0
n-Hexadecanoic ...	18.110	4.6	ng/ul	645805	4	17.163	2823660	20.0
Octadecanoic acid	19.439	2.6	ng/ul	409453	5	21.633	3108550	20.0