LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0R73

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_M\Methods\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045301.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	13	16	21	rBV4	8759	13360	0.84%	0.088%
2	3.440	56	60	62	rBV3	4156	5123	0.32%	0.034%
3	3.599	84	87	101	rVV	17414	45012	2.84%	0.295%
4	3.704	101	105	109	rVB6	3257	5140	0.32%	0.034%
5	3.769	111	116	119	rBV7	4182	7446	0.47%	0.049%
6	3.863	129	132	134	rBV4	4559	4902	0.31%	0.032%
7	4.516	237	243	249	rBV2	10026	16614	1.05%	0.109%
8	4.646	260	265	270	rBV5	6439	12672	0.80%	0.083%
9	4.951	312	317	322	rBV4	9700	13765	0.87%	0.090%
10	5.628	428	432	433	rBV2	3923	3762	0.24%	0.025%
11	6.628	596	602	607	rBV2	14479	26549	1.68%	0.174%
12	6.663	607	608	613	rVV4	2834	2969	0.19%	0.019%
13	6.769	620	626	637	rVB2	46668	101912	6.44%	0.668%
14	6.934	647	654	665	rBV	179030	292088	18.45%	1.915%
15	7.110	678	684	695	rBV	187766	313599	19.81%	2.056%
16	7.575	756	763	769	rBV	231837	370791	23.43%	2.431%
17	7.639	769	774	790	rVB	98835	166807	10.54%	1.094%
18	7.787	795	799	802	rBV5	5883	9359	0.59%	0.061%
19	7.916	819	821	827	rVV4	2794	4086	0.26%	0.027%
20	8.186	862	867	872	rBV6	4011	7115	0.45%	0.047%
21	8.286	878	884	899	rBV	135379	244630	15.46%	1.604%
22	8.422	903	907	914	rVB6	1884	3094	0.20%	0.020%
23	8.739	954	961	970	rBV	202512	344162	21.74%	2.257%
24	8.881	976	985	990	rBV2	52637	103103	6.51%	0.676%
25	9.181	1032	1036	1040	rBV4	3881	6565	0.41%	0.043%
26	9.451	1074	1082	1093	rVV	170084	296509	18.73%	1.944%
27	9.663	1114	1118	1120	rVV2	3747	5395	0.34%	0.035%
28	9.716	1120	1127	1140	rVV3	36856	84355	5.33%	0.553%
29	9.980	1165	1172	1186	rBV	227951	437119	27.62%	2.866%
30	10.228	1208	1214	1217	rBV4	2150	3565	0.23%	0.023%
31	10.345	1227	1234	1242	rBV	292876	483323	30.54%	3.169%
32	10.510	1255	1262	1275	rBV	123945	273565	17.28%	1.794%
33	10.957	1332	1338	1340	rBV3	3288	6408	0.40%	0.042%
34	11.169	1369	1374	1383	rVV3	11738	24196	1.53%	0.159%
35	11.892	1493	1497	1504	rVV4	5349	11260	0.71%	0.074%
36	11.957	1504	1508	1514	rVB4	3645	6731	0.43%	0.044%

LSC Area Percent Report

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Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

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_M\Methods\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

37	12.516	1596	1603	1608	rBV2	22459	41057	2.59%	0.269%
38	12.551	1608	1609	1612	rVV3	2691	2750	0.17%	0.018%
39	12.586	1612	1615	1622	rVB7	3081	6055	0.38%	0.040%
40	13.074	1692	1698	1701	rBV5	4482	5440	0.34%	0.036%
41	13.127	1703	1707	1711	rVV5	4311	6301	0.40%	0.041%
42	13.474	1760	1766	1768	rBV6	2230	3275	0.21%	0.021%
43	13.657	1789	1797	1807	rBV	448669	654268	41.34%	4.290%
44	13.916	1832	1841	1851	rVV	505793	792698	50.08%	5.198%
45	14.021	1856	1859	1862	rVB2	6204	7248	0.46%	0.048%
46	14.227	1888	1894	1901	rBV	438671	657607	41.55%	4.312%
47	14.345	1911	1914	1919	rVB5	6891	10251	0.65%	0.067%
48	14.386	1919	1921	1924	rBV4	3264	3372	0.21%	0.022%
49	14.504	1934	1941	1947	rBV7	34247	95751	6.05%	0.628%
50	14.674	1965	1970	1978	rVB2	54470	92481	5.84%	0.606%
51	14.733	1978	1980	1981	rBV2	5821	4146	0.26%	0.027%
52	14.904	2006	2009	2010	rBV3	4706	3983	0.25%	0.026%
53	15.004	2022	2026	2031	rBV7	9627	16908	1.07%	0.111%
54	15.057	2031	2035	2036	rBV4	4802	5467	0.35%	0.036%
55	15.168	2049	2054	2059	rBV6	13505	24336	1.54%	0.160%
56	15.233	2059	2065	2075	rVB	662463	999347	63.14%	6.553%
57	15.374	2084	2089	2101	rVB	211508	325932	20.59%	2.137%
58	15.551	2116	2119	2122	rVB4	9361	12591	0.80%	0.083%
59	15.674	2128	2140	2148	rBV8	25314	82660	5.22%	0.542%
60	15.780	2155	2158	2162	rVB4	5334	8251	0.52%	0.054%
61	15.845	2162	2169	2175	rVV9	6898	17754	1.12%	0.116%
62	15.904	2175	2179	2185	rVB2	33498	42493	2.68%	0.279%
63	16.015	2192	2198	2205	rBV2	7530	23405	1.48%	0.153%
64	16.127	2214	2217	2223	rVB6	10719	15557	0.98%	0.102%
65	16.204	2227	2230	2233	rVB5	3294	3332	0.21%	0.022%
66	16.257	2235	2239	2241	rBV5	10787	13178	0.83%	0.086%
67	16.339	2249	2253	2259	rBV9	7363	12930	0.82%	0.085%
68	16.409	2259	2265	2270	rBV3	30709	44969	2.84%	0.295%
69	16.586	2291	2295	2301	rVB8	2460	4500	0.28%	0.030%
70	16.909	2348	2350	2354	rBV3	2961	2748	0.17%	0.018%
71	16.986	2354	2363	2374	rVV	521372	745524	47.10%	4.888%
72	17.086	2374	2380	2395	rVB	744614	1108689	70.04%	7.270%
73	17.209	2395	2401	2405	rBV3	8438	12186	0.77%	0.080%
74	17.274	2408	2412	2417	rVV6	5212	8856	0.56%	0.058%
75	17.362	2424	2427	2429	rBV4	2753	3506	0.22%	0.023%
76	17.551	2454	2459	2465	rVB5	6514	10058	0.64%	0.066%

LSC Area Percent Report

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Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	17.668	2474	2479	2484	rVB6	11166	13589	0.86%	0.089%
78	17.780	2486	2498	2505	rBV5	36983	93922	5.93%	0.616%
79	17.903	2514	2519	2526	rBV2	59021	85818	5.42%	0.563%
80	18.109	2549	2554	2562	rBV	52329	71737	4.53%	0.470%
81	18.374	2596	2599	2605	rBV6	8979	13915	0.88%	0.091%
82	18.456	2608	2613	2619	rVV7	8701	14790	0.93%	0.097%
83	18.703	2647	2655	2661	rBV9	8340	18595	1.17%	0.122%
84	18.756	2661	2664	2666	rBV4	2223	2910	0.18%	0.019%
85	18.956	2694	2698	2701	rBV4	10100	15308	0.97%	0.100%
86	18.992	2701	2704	2707	rVB3	6703	9255	0.58%	0.061%
87	19.045	2707	2713	2715	rBV5	11358	23254	1.47%	0.152%
88	19.074	2715	2718	2727	rVB3	39944	62521	3.95%	0.410%
89	19.198	2734	2739	2745	rBV	55807	80619	5.09%	0.529%
90	19.274	2749	2752	2757	rVB7	7207	9816	0.62%	0.064%
91	19.398	2767	2773	2781	rVV	906800	1298334	82.03%	8.513%
92	20.086	2886	2890	2893	rBV6	7394	11539	0.73%	0.076%
93	20.174	2903	2905	2906	rBV2	6228	4684	0.30%	0.031%
94	20.203	2906	2910	2916	rVB5	35046	56017	3.54%	0.367%
95	20.303	2922	2927	2938	rVB	117449	185395	11.71%	1.216%
96	20.709	2992	2996	3000	rBV6	10949	19968	1.26%	0.131%
97	21.197	3074	3079	3086	rBV	641989	862998	54.52%	5.659%
98	21.333	3099	3102	3106	rBV	31500	38648	2.44%	0.253%
99	23.256	3423	3429	3437	rBV2	877554	1582830	100.00%	10.378%
100	23.397	3447	3453	3461	rVB	532289	985708	62.28%	6.463%

Sum of corrected areas: 15251081

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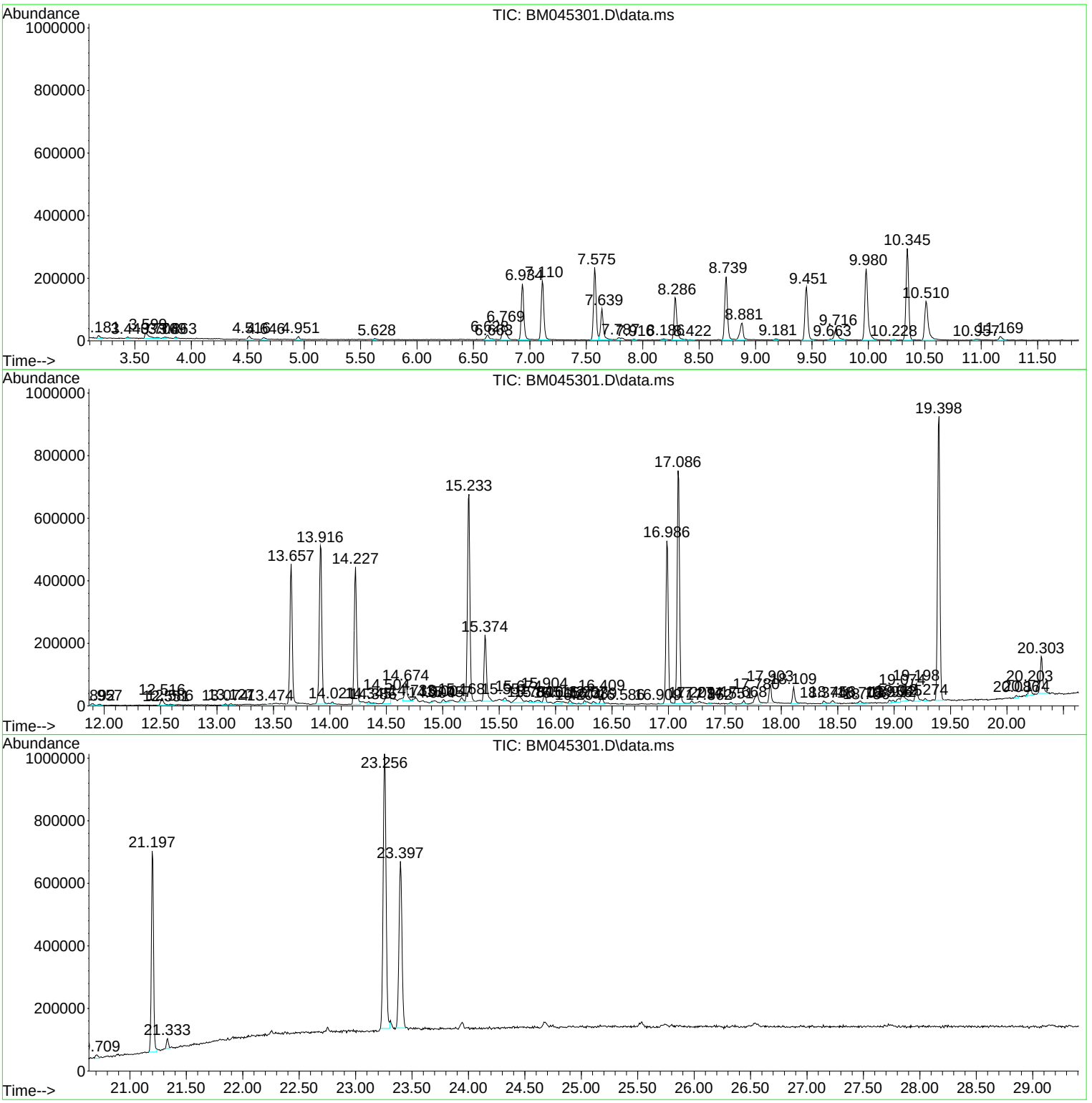
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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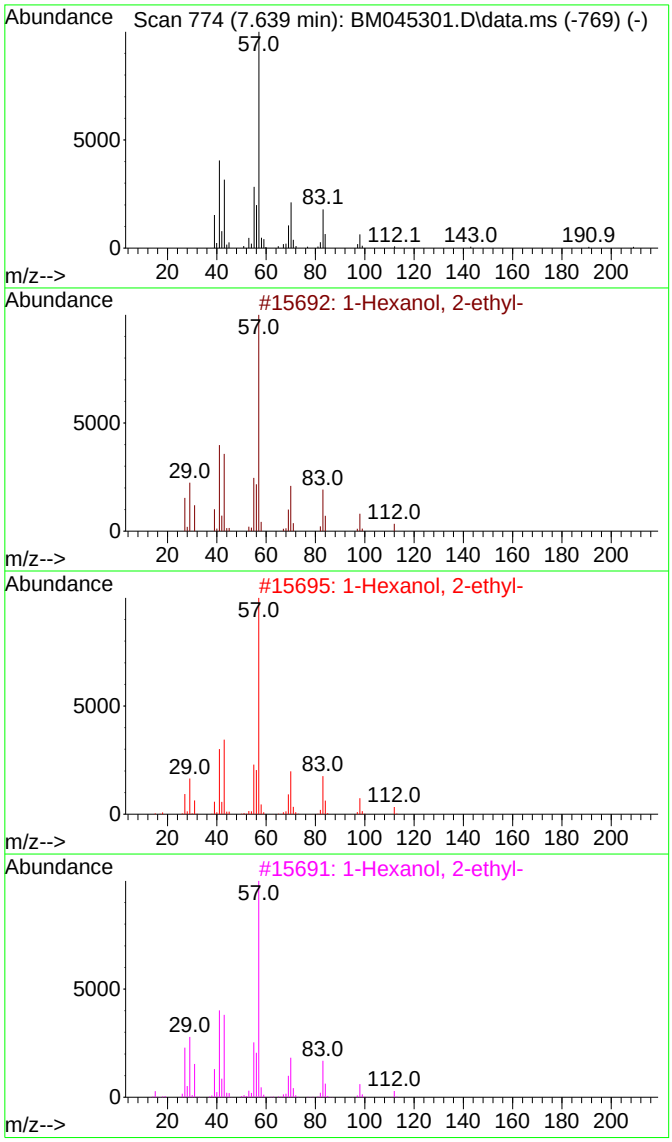
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

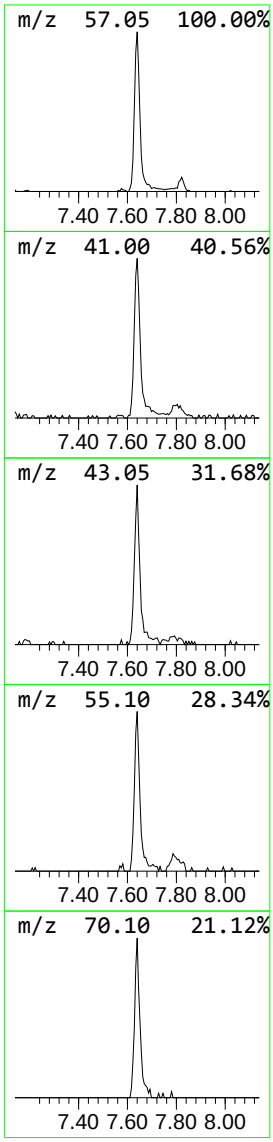
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.639	9.00 ng/ul	166807	1,4-Dichlorobenzene-d4	7.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
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Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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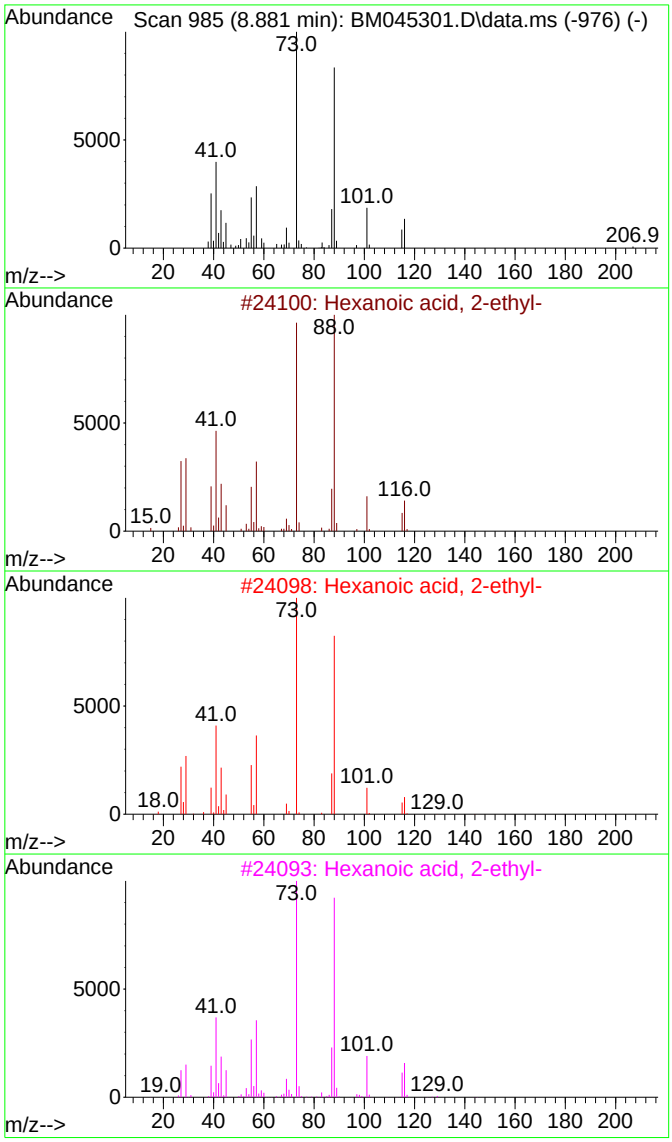
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

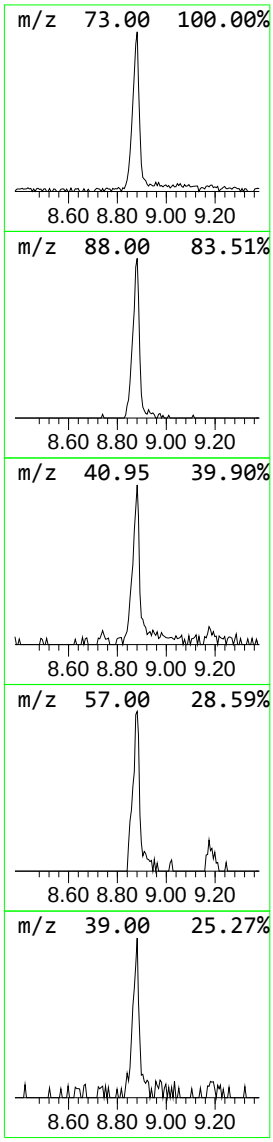
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.881	5.56 ng/ul	103103	1,4-Dichlorobenzene-d4	7.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	74
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

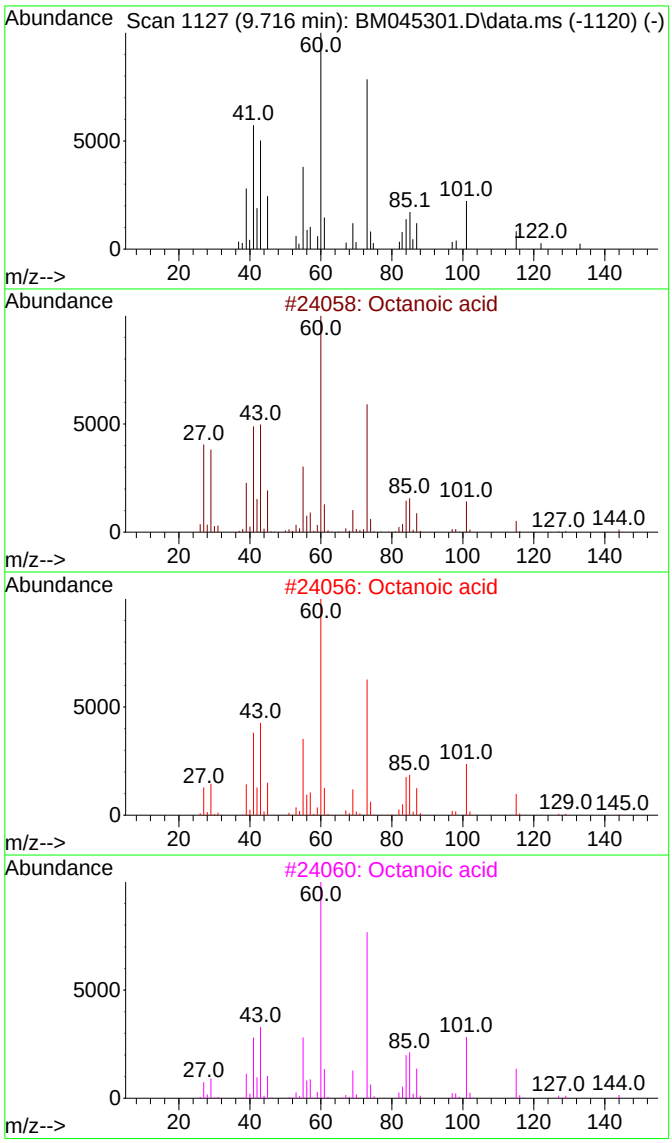
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

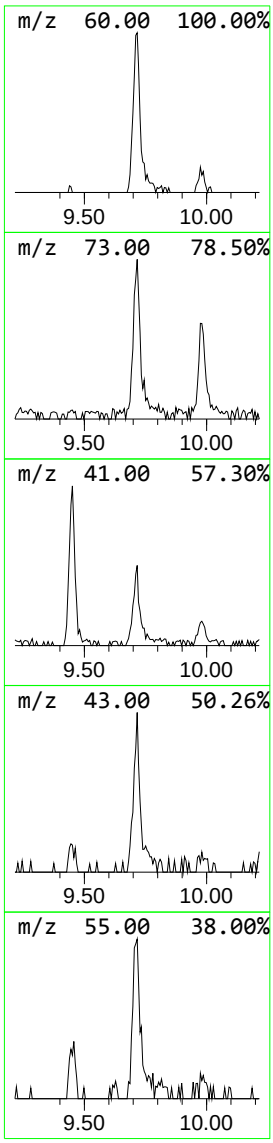
****

Peak Number 3 Octanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	3.49 ng/ul	84355	Naphthalene-d8	10.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	86
2	Octanoic acid	144	C8H16O2	000124-07-2	80
3	Octanoic acid	144	C8H16O2	000124-07-2	64
4	Hexanoic acid	116	C6H12O2	000142-62-1	59
5	Hexanoic acid	116	C6H12O2	000142-62-1	50





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

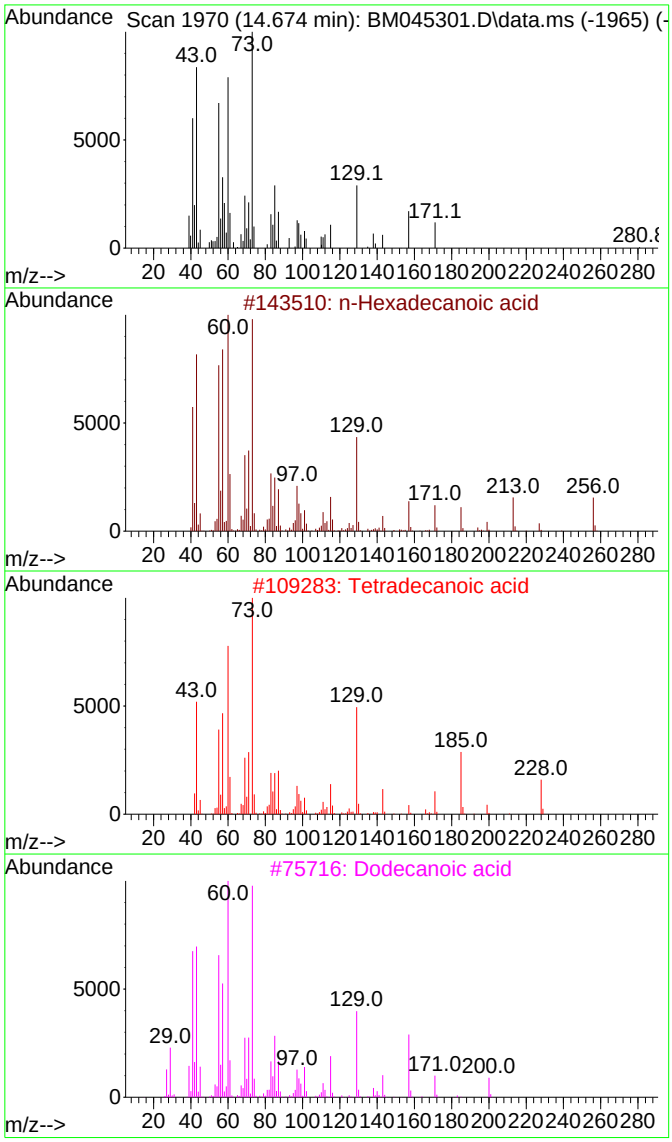
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

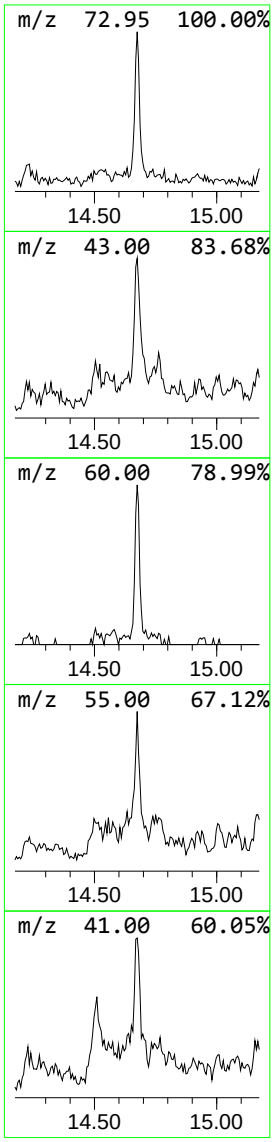
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	2.81 ng/ul	92481	Acenaphthene-d10	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

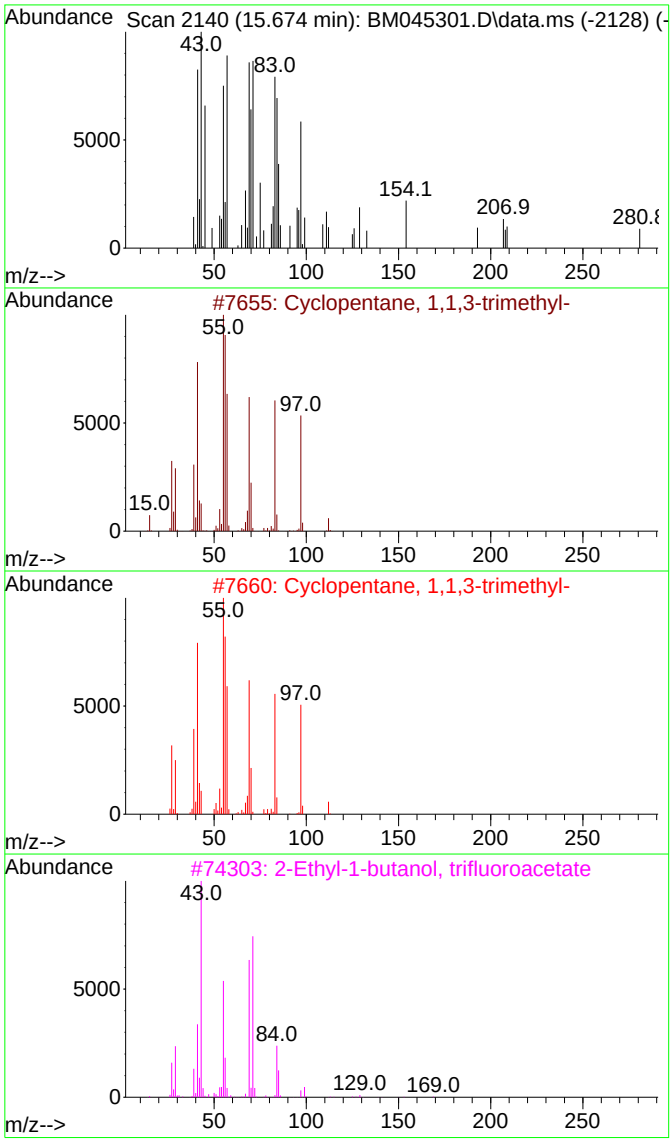
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

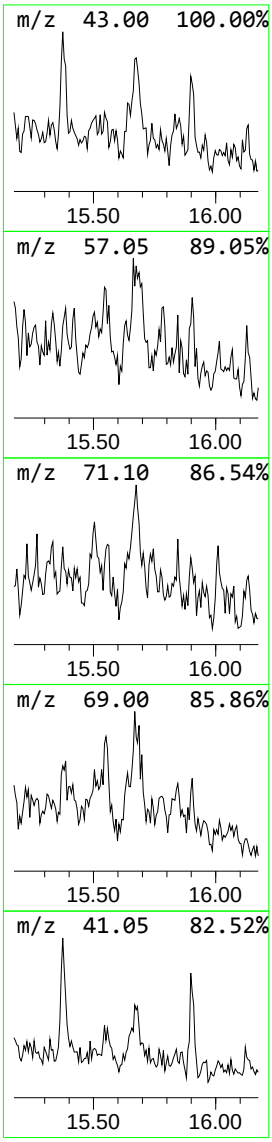
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic15.674 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	2.22 ng/ul	82660	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
3	2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	116464-98-3	35
4	5-Nonanol, pentafluoropropionate	290	C12H19F5O2	1000463-47-9	35
5	2-Pentanone, 3-[(acetyloxy)methy...	186	C10H18O3	078641-04-0	35





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Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

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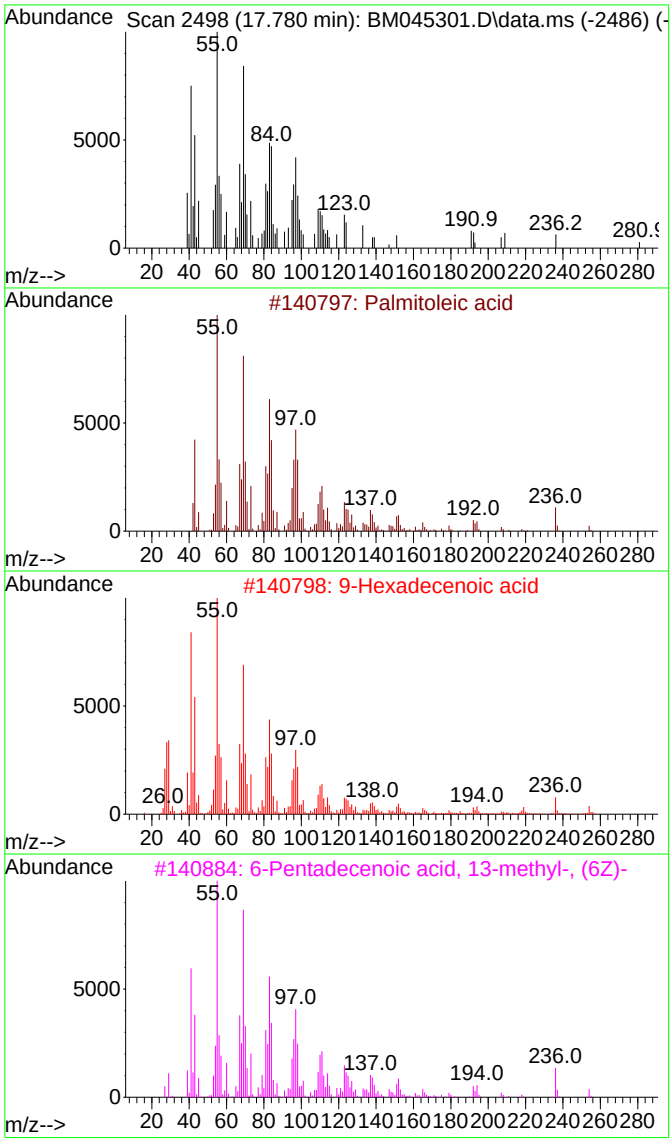
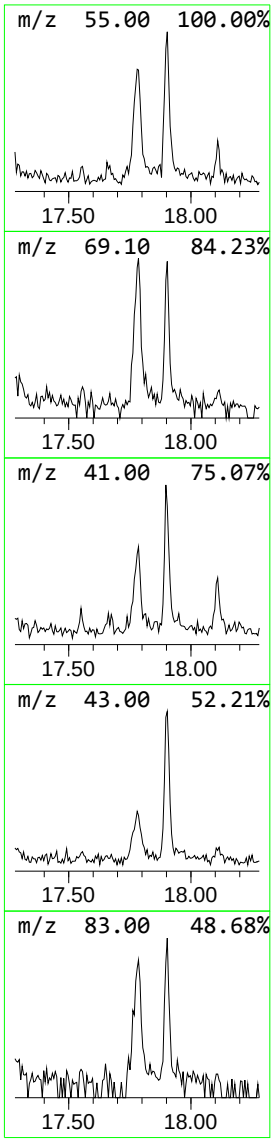
Peak Number 6 Palmitoleic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	2.52 ng/ul	93922	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	80
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70
3	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	64
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	58
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

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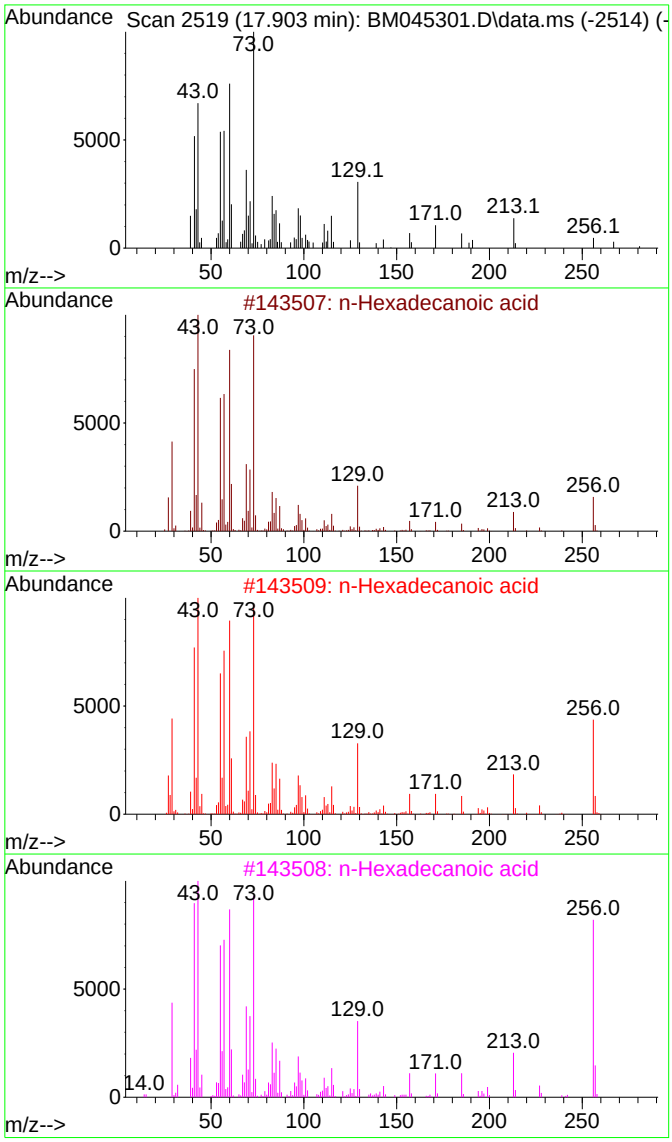
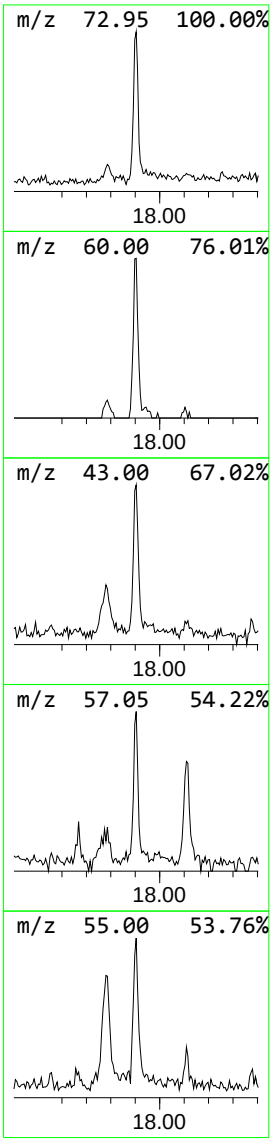
Peak Number 7 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	2.30 ng/ul	85818	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

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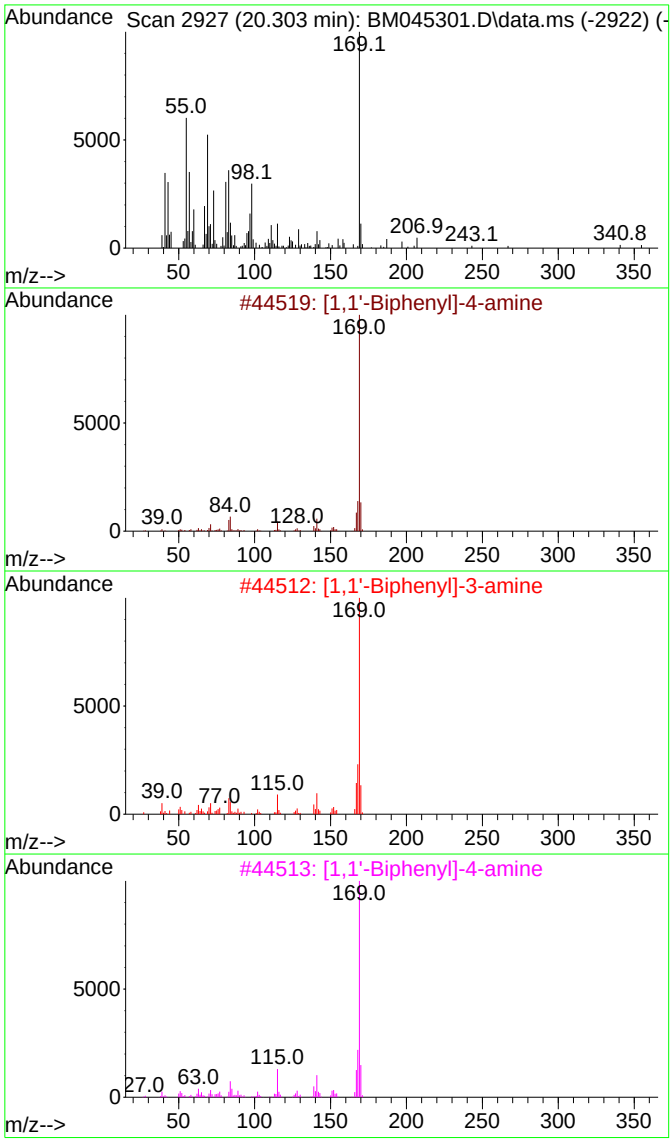
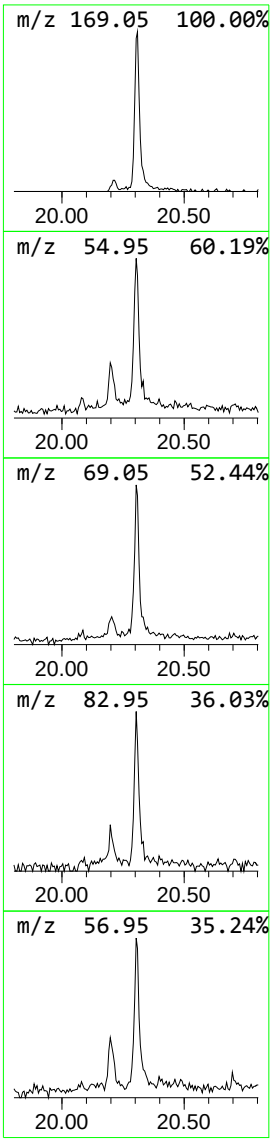
Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.303	4.30 ng/ul	185395	Chrysene-d12	21.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	43
2	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	38
3	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	38
4	Pyridine, 4-benzyl-	169	C12H11N	002116-65-6	35
5	Benzothiazole, 2-chloro-	169	C7H4ClNS	000615-20-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045301.D
Acq On : 17 Apr 2024 04:01
Operator : MA/JU
Sample : P2099-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.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
1-Hexanol, 2-et...	7.639	9.0	ng/ul	166807	1	7.575	370791	20.0
Hexanoic acid, ...	8.881	5.6	ng/ul	103103	1	7.575	370791	20.0
Octanoic acid	9.716	3.5	ng/ul	84355	2	10.345	483323	20.0
n-Hexadecanoic ...	14.674	2.8	ng/ul	92481	3	14.227	657607	20.0
(DEL) Alkane: C...	15.674	2.2	ng/ul	82660	4	16.986	745524	20.0
Palmitoleic acid	17.780	2.5	ng/ul	93922	4	16.986	745524	20.0
Tridecanoic acid	17.904	2.3	ng/ul	85818	4	16.986	745524	20.0
unknown-01	20.303	4.3	ng/ul	185395	5	21.197	862998	20.0