LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029896.D
Acq On : 08 May 2021 03:35
Operator : CG/JU
Sample : M2161-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ7

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-BM050721.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.746	651	656	670	rVB	120265	254839	4.49%	0.498%
2	6.898	677	682	702	rBV	469845	841340	14.83%	1.644%
3	7.093	708	715	728	rBV	552045	956219	16.85%	1.869%
4	7.551	787	793	805	rBV	506470	860700	15.17%	1.682%
5	8.216	903	906	909	rBV5	5606	7442	0.13%	0.015%
6	8.269	910	915	936	rVV	357279	674512	11.89%	1.318%
7	8.710	983	990	1011	rBV	665515	1194346	21.05%	2.334%
8	9.128	1057	1061	1067	rVB6	5584	8288	0.15%	0.016%
9	9.428	1104	1112	1132	rBV	551708	1020439	17.98%	1.994%
10	9.963	1196	1203	1229	rBV	657415	1378799	24.30%	2.695%
11	10.328	1256	1265	1278	rBV	790442	1347364	23.74%	2.633%
12	10.504	1289	1295	1306	rBV6	15619	44604	0.79%	0.087%
13	11.945	1533	1540	1545	rBV3	8953	17429	0.31%	0.034%
14	12.810	1681	1687	1695	rVB4	5999	9484	0.17%	0.019%
15	13.027	1720	1724	1726	rBV3	5213	6684	0.12%	0.013%
16	13.110	1731	1738	1758	rBV	831438	1308481	23.06%	2.557%
17	13.622	1818	1825	1831	rBV	1823123	2543345	44.82%	4.971%
18	13.669	1831	1833	1843	rVV	66207	97560	1.72%	0.191%
19	13.892	1863	1871	1888	rBV	2127536	3086326	54.39%	6.032%
20	14.116	1903	1909	1912	rBV3	5085	6825	0.12%	0.013%
21	14.204	1917	1924	1934	rBV	1296773	1911209	33.68%	3.736%
22	14.457	1962	1967	1977	rBV4	32033	107274	1.89%	0.210%
23	15.039	2063	2066	2069	rVV2	12353	16802	0.30%	0.033%
24	15.074	2069	2072	2076	rVB5	5860	7617	0.13%	0.015%
25	15.198	2087	2093	2110	rBV	2641137	3869205	68.18%	7.563%
26	15.339	2110	2117	2131	rVV2	1650818	2566900	45.23%	5.017%
27	15.439	2131	2134	2146	rVB	38983	83513	1.47%	0.163%
28	15.580	2153	2158	2161	rVB7	5154	7675	0.14%	0.015%
29	15.763	2187	2189	2193	rBV5	5699	8799	0.16%	0.017%
30	15.886	2207	2210	2214	rBV5	6604	7621	0.13%	0.015%
31	15.986	2223	2227	2231	rVB4	12189	17802	0.31%	0.035%
32	16.104	2242	2247	2253	rBV9	6931	12746	0.22%	0.025%
33	16.186	2257	2261	2266	rVB	13467	16523	0.29%	0.032%
34	16.345	2284	2288	2292	rBV5	4469	5880	0.10%	0.011%

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Sample : M2161-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ7

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-BM050721.M
Title : SVOA CALIBRATION

35	16.504	2310	2315	2318	rBV3	7341	11580	0.20%	0.023%
36	16.627	2333	2336	2341	rVB5	4823	6913	0.12%	0.014%
37	16.739	2349	2355	2359	rBV5	6847	13851	0.24%	0.027%
38	16.945	2384	2390	2400	rBV	1527984	2240429	39.48%	4.379%
39	17.045	2401	2407	2423	rVV	3211641	4634625	81.67%	9.059%
40	17.186	2427	2431	2437	rVV8	18988	44888	0.79%	0.088%
41	17.268	2439	2445	2454	rVV	154779	273044	4.81%	0.534%
42	17.351	2456	2459	2470	rVB10	16124	37858	0.67%	0.074%
43	17.633	2504	2507	2508	rBV3	5474	6542	0.12%	0.013%
44	17.733	2522	2524	2529	rBV6	3608	6177	0.11%	0.012%
45	17.857	2540	2545	2555	rBV2	194262	321579	5.67%	0.629%
46	17.921	2555	2556	2560	rVB	19212	18199	0.32%	0.036%
47	18.145	2590	2594	2600	rBV3	12843	18258	0.32%	0.036%
48	18.615	2670	2674	2679	rBV8	6029	8811	0.16%	0.017%
49	18.721	2687	2692	2700	rBV3	41349	79393	1.40%	0.155%
50	18.792	2701	2704	2712	rVB4	18612	34061	0.60%	0.067%
51	18.909	2721	2724	2727	rBV4	9148	13276	0.23%	0.026%
52	18.980	2732	2736	2741	rVV	40374	72658	1.28%	0.142%
53	19.045	2742	2747	2754	rVB	506793	580101	10.22%	1.134%
54	19.145	2760	2764	2770	rBV2	75465	124409	2.19%	0.243%
55	19.233	2775	2779	2782	rVB	34879	47795	0.84%	0.093%
56	19.274	2784	2786	2791	rVB4	12788	17316	0.31%	0.034%
57	19.345	2792	2798	2808	rBV	4273770	5674892	100.00%	11.092%
58	19.498	2819	2824	2830	rVB2	63599	89990	1.59%	0.176%
59	19.674	2852	2854	2858	rVB5	20561	23227	0.41%	0.045%
60	19.880	2884	2889	2891	rBV	102999	153839	2.71%	0.301%
61	20.233	2945	2949	2954	rVB	241495	259548	4.57%	0.507%
62	20.403	2975	2978	2982	rVB3	30702	36062	0.64%	0.070%
63	20.862	3051	3056	3065	rBV	335628	586050	10.33%	1.145%
64	21.133	3097	3102	3116	rBV	1946493	2581942	45.50%	5.047%
65	21.298	3127	3130	3135	rBV3	43734	63793	1.12%	0.125%
66	21.715	3199	3201	3208	rBV3	50565	71276	1.26%	0.139%
67	22.156	3274	3276	3282	rVB	112036	134054	2.36%	0.262%
68	22.645	3355	3359	3363	rBV	151683	199013	3.51%	0.389%
69	23.156	3439	3446	3459	rVB	2817775	5356803	94.39%	10.470%
70	23.286	3462	3468	3482	rVB2	1265961	2360954	41.60%	4.615%
71	23.797	3551	3555	3561	rVB	192534	338198	5.96%	0.661%

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ClientSampleId : C0AQ7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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72	24.497	3671	3674	3683	rVB	153774	316780	5.58%	0.619%

Sum of corrected areas: 51162776

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ClientSampleId :
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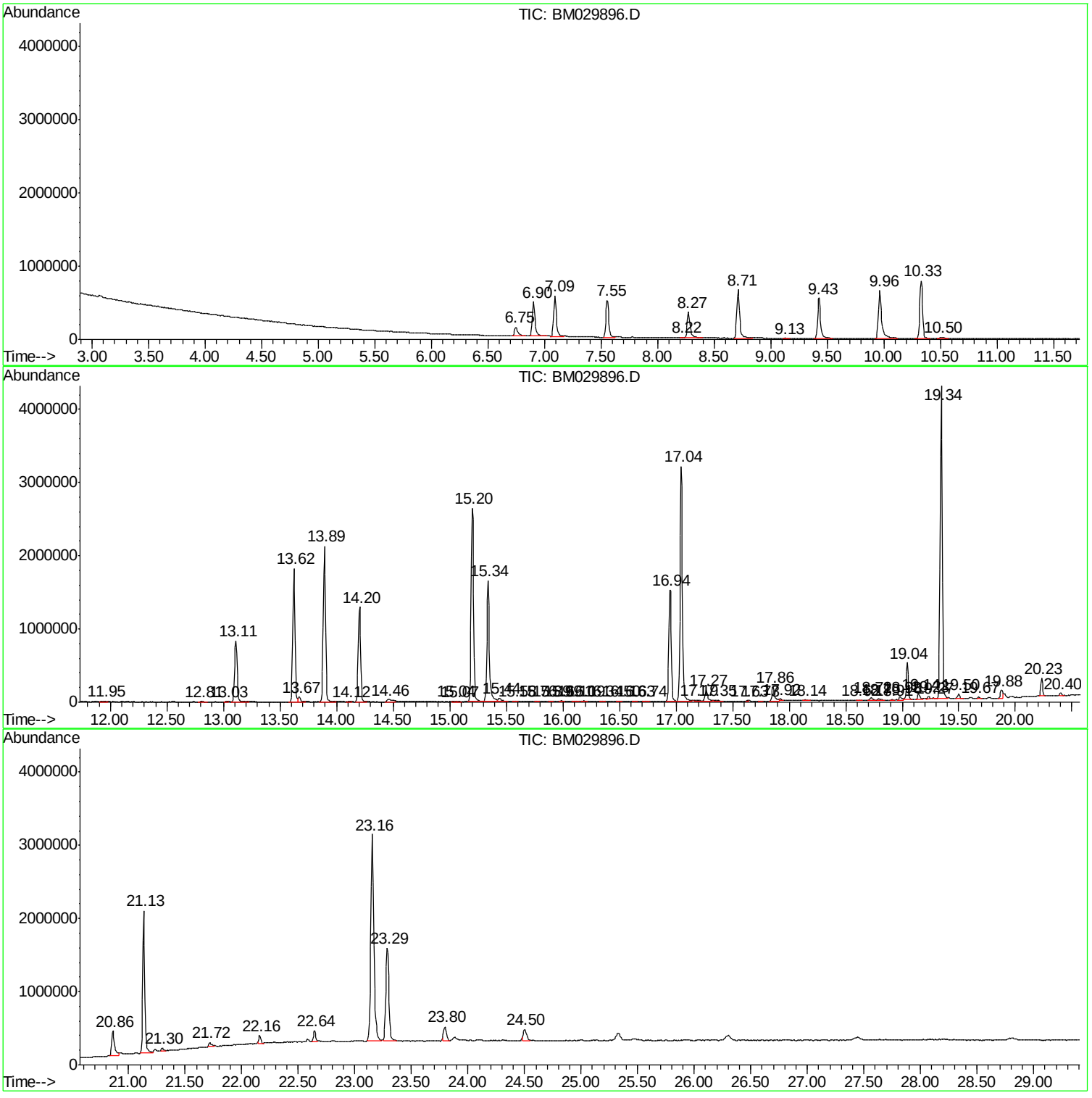
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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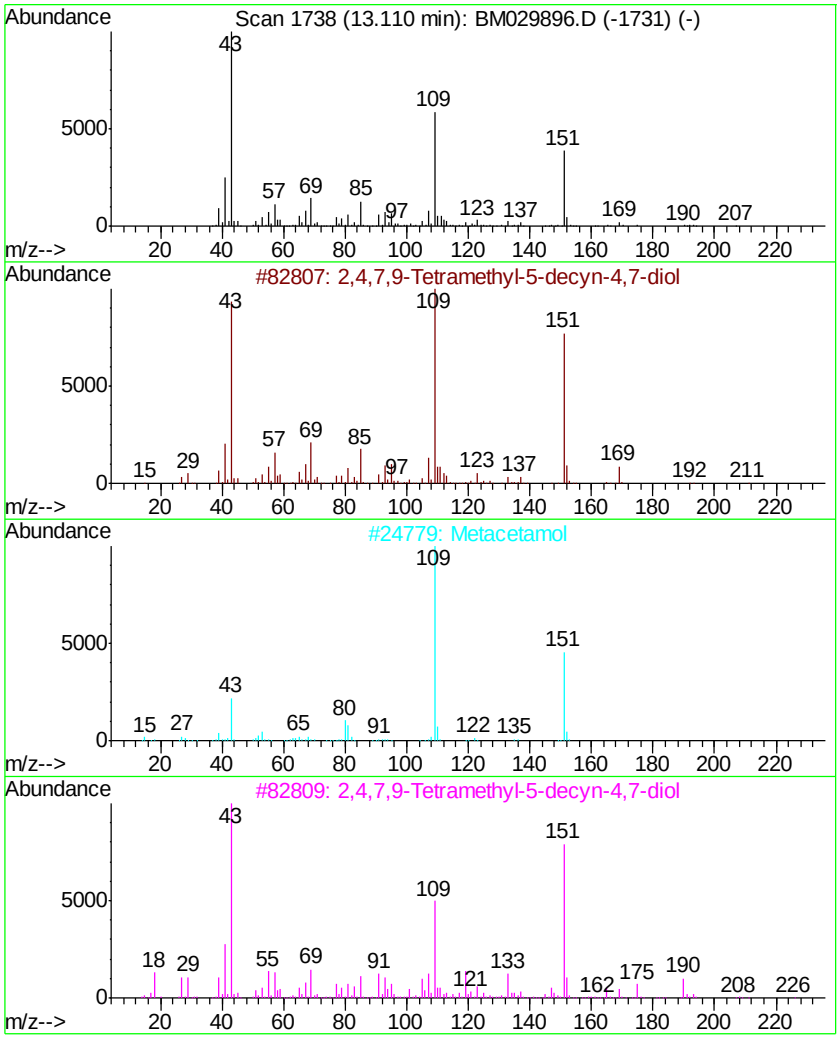
TIC Integration Parameters: LSCINT.P

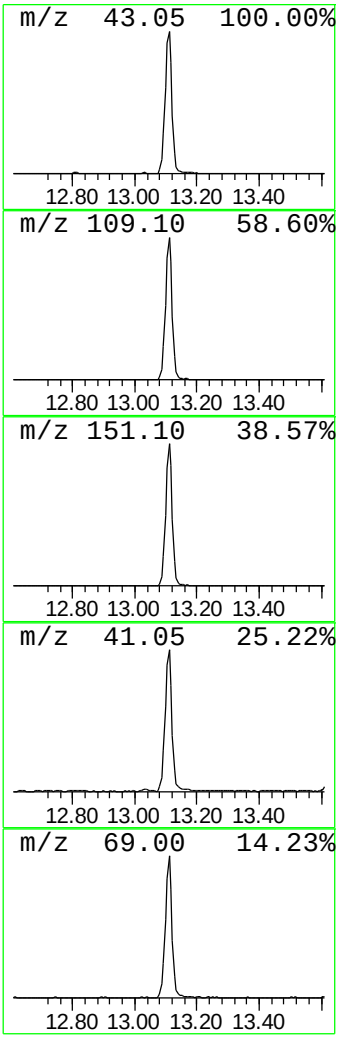
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	13.69 ng/ul	1308480	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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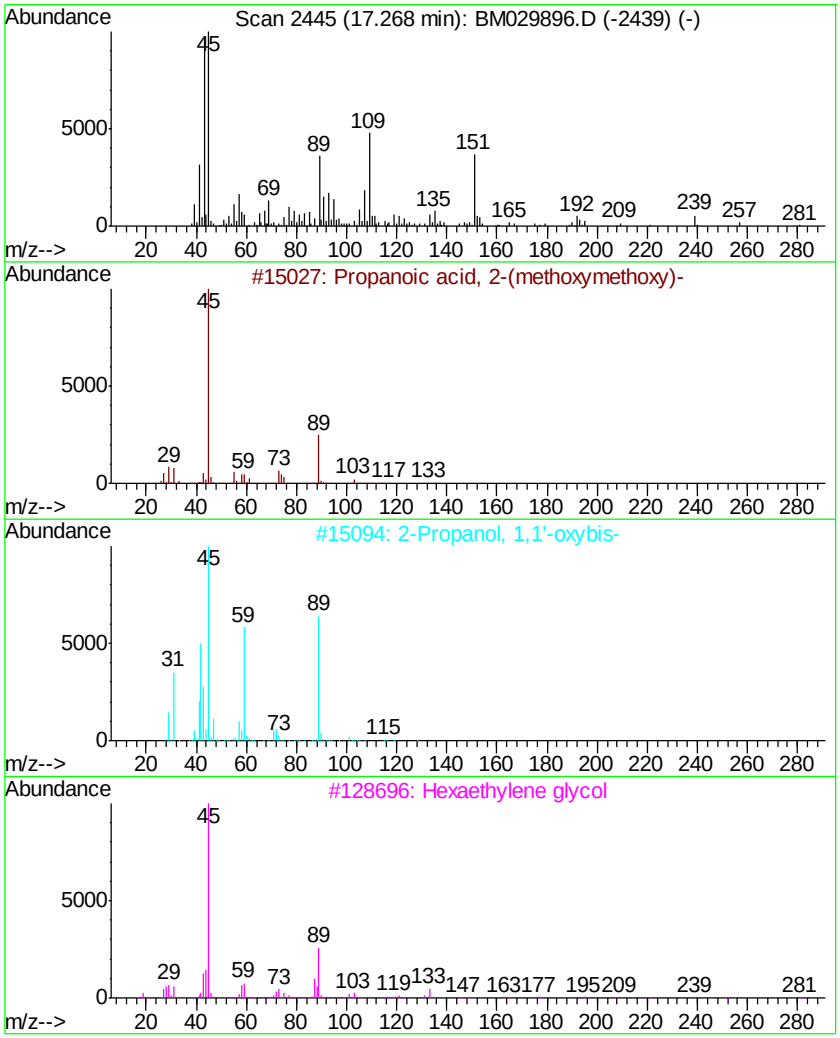
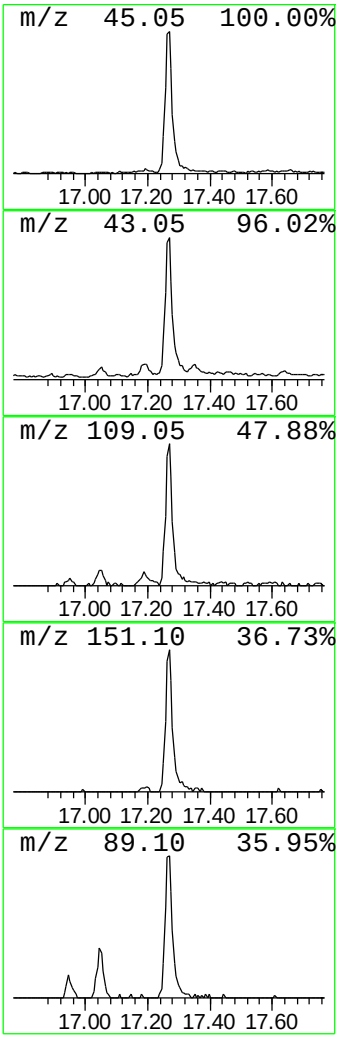
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.44 ng/ul	273044	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	38
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	38
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	38
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	38
5	Bromomethyl methyl ether	124	C2H5BrO	013057-17-5	35





Library Search Compound Report

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Sample : M2161-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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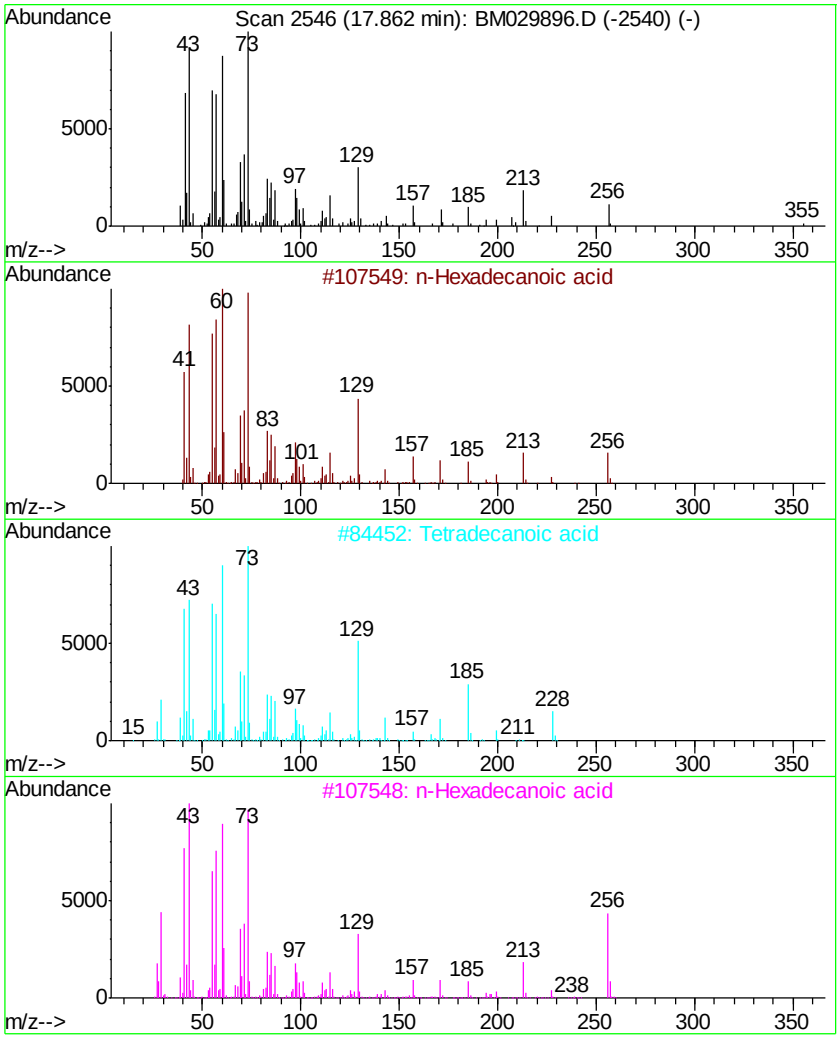
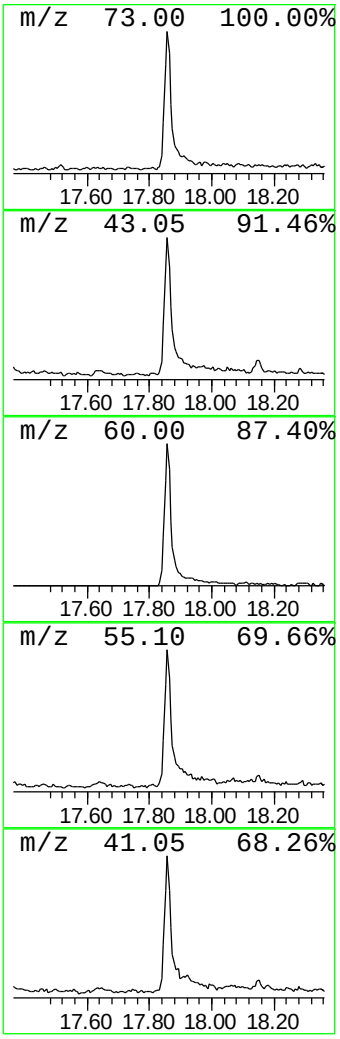
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.87 ng/ul	321579	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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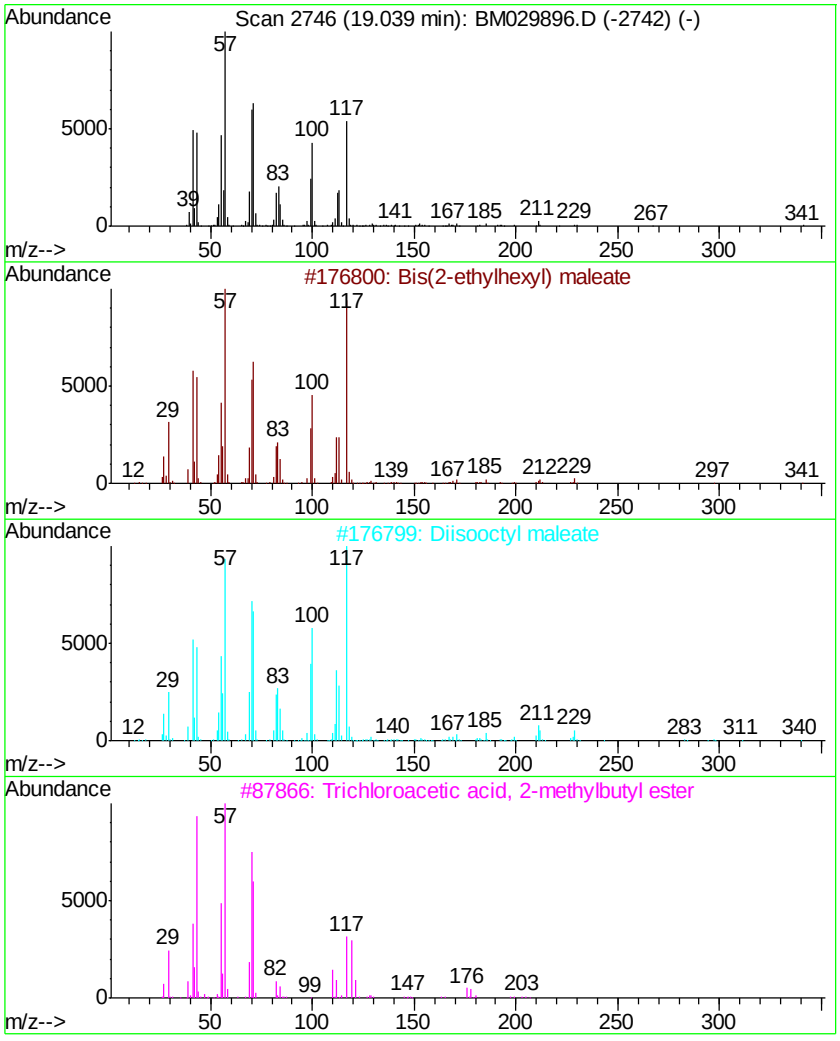
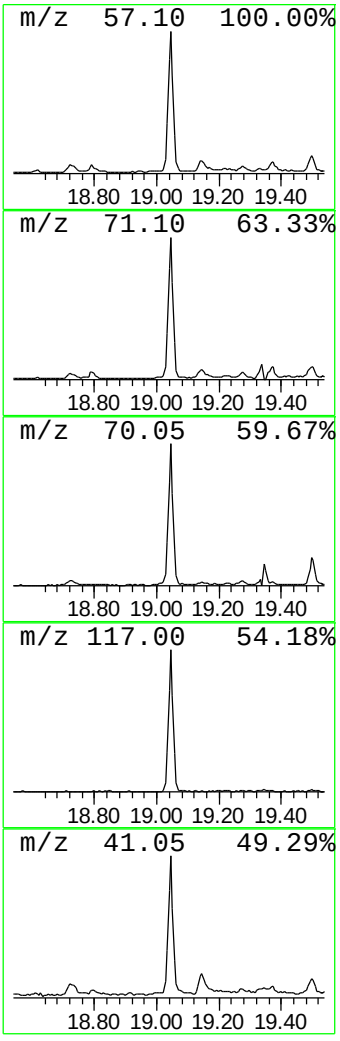
Peak Number 4 Bis(2-ethylhexyl) maleate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	4.49 ng/ul	580101	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	91
2	Diisooctyl maleate	340	C20H36O4	001330-76-3	91
3	Trichloroacetic acid, 2-methylbu...	232	C7H11Cl3O2	1000330-88-8	38
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	35
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	35





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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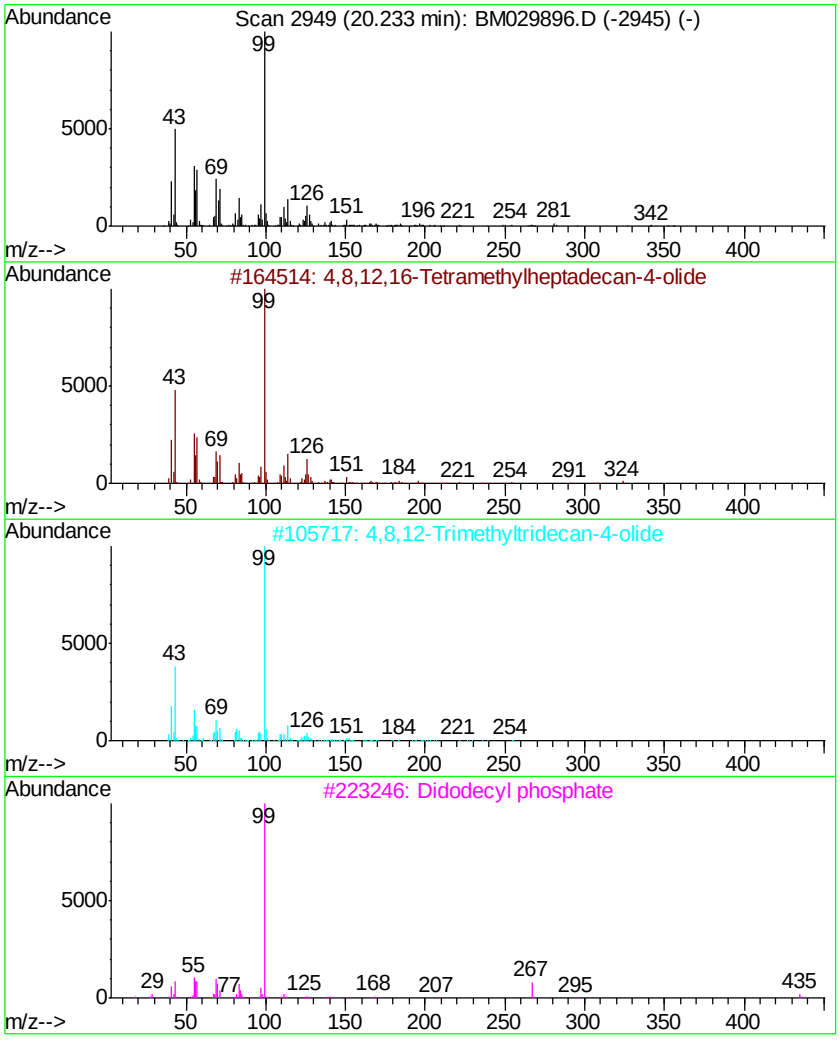
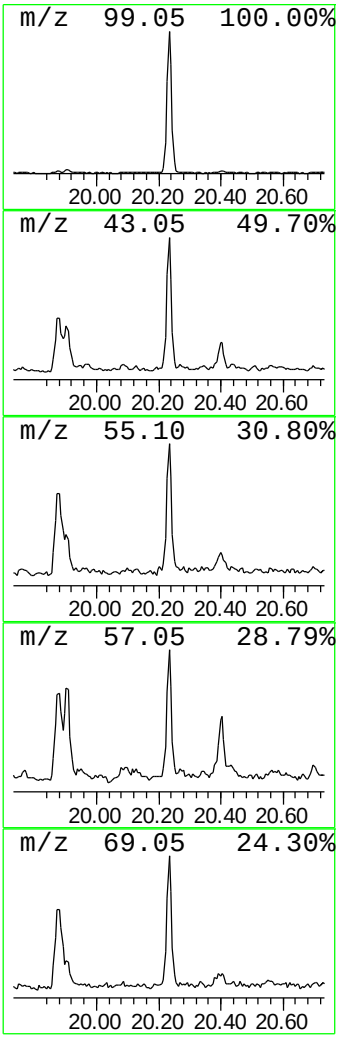
****

Peak Number 5 4,8,12,16-Tetramethylheptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.01 ng/ul	259548	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	91
2	4,8,12-Trimethyltridecan-4-olide	254	C16H30O2	220904-24-5	59
3	Didodecyl phosphate	434	C24H51O4P	007057-92-3	50
4	2H-Pyran-2-one, tetrahydro-6-pen...	170	C10H18O2	000705-86-2	50
5	.delta.-Nonalactone	156	C9H16O2	003301-94-8	50





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Quant Title : SVOA CALIBRATION

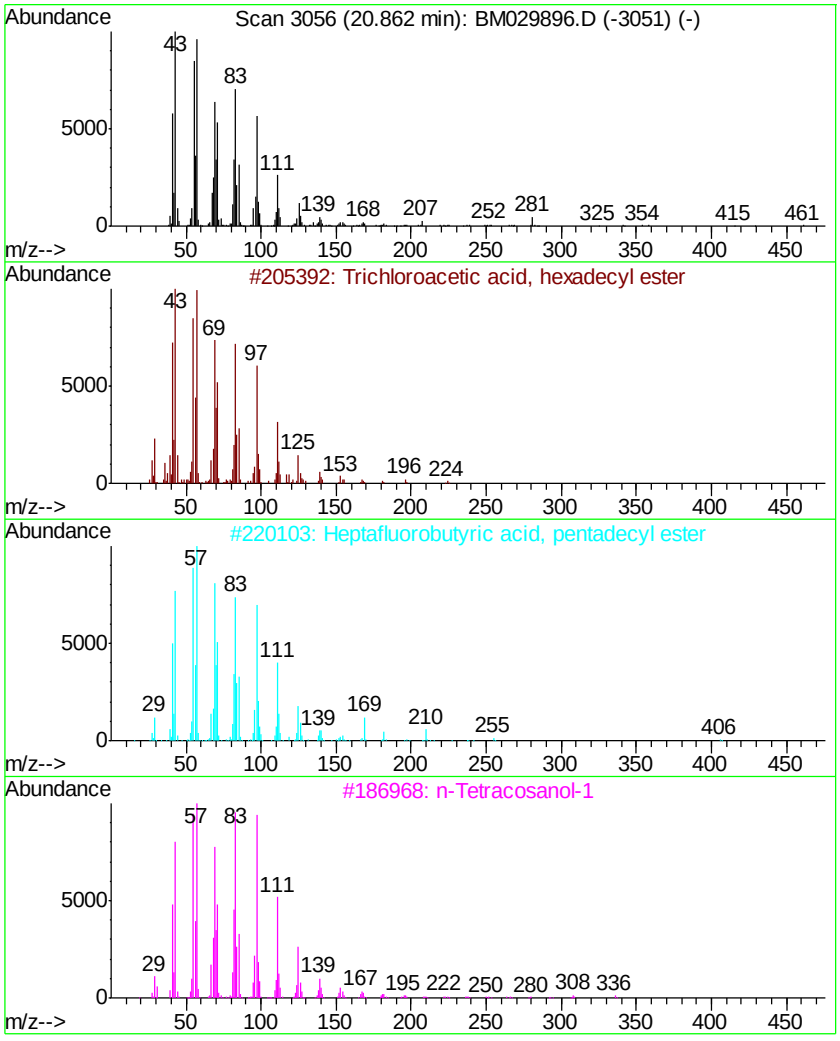
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

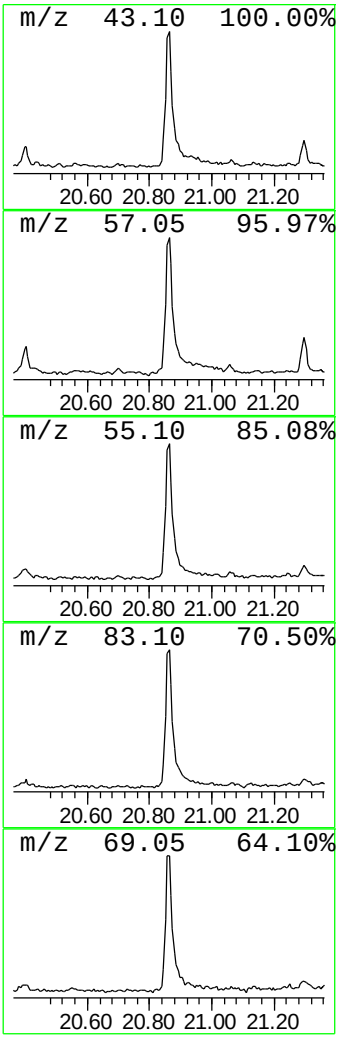
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.54 ng/ul	586050	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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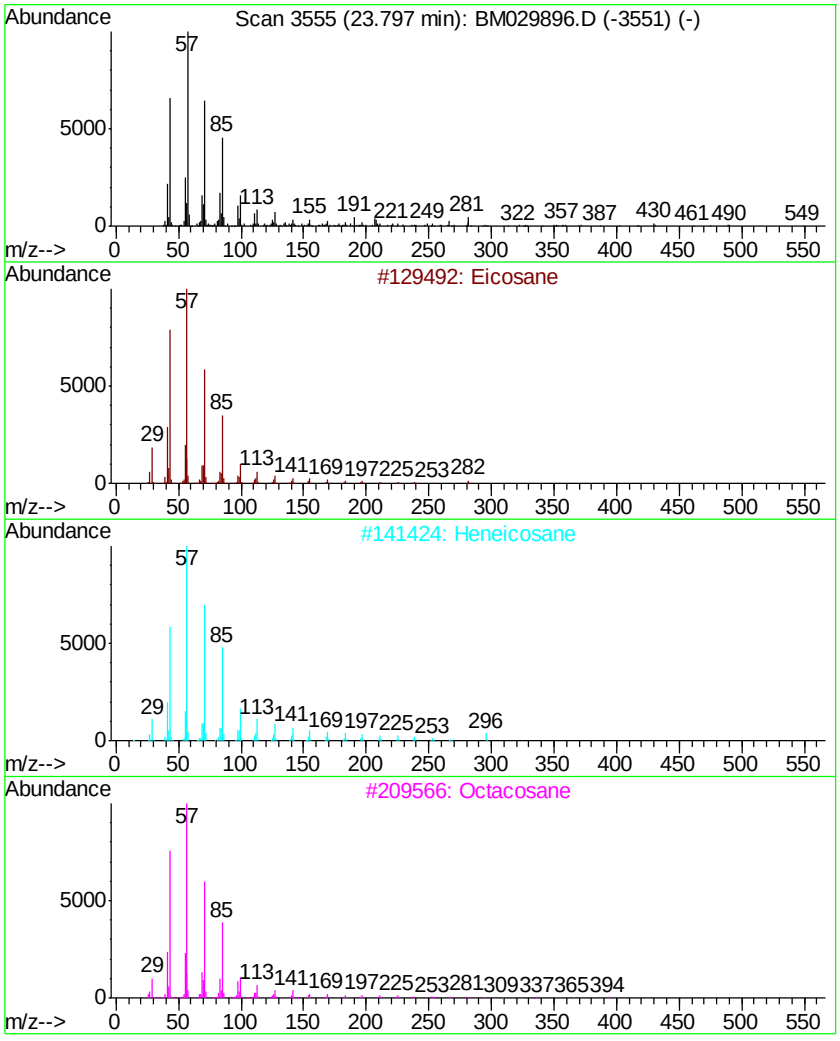
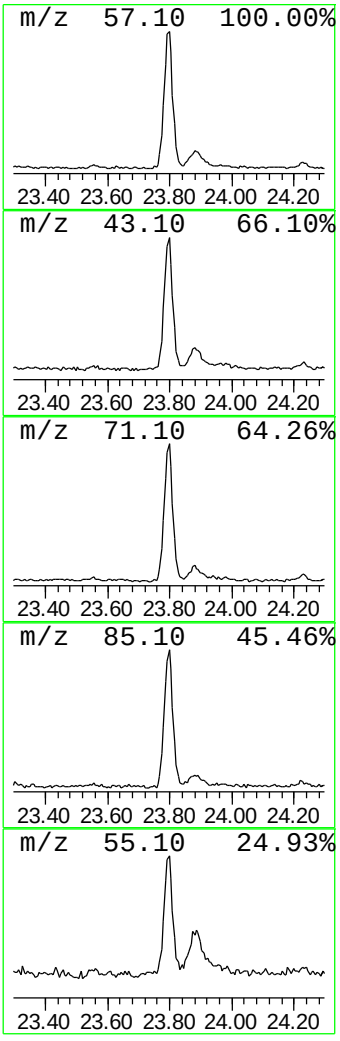
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.86 ng/ul	338198	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029896.D
Acq On : 08 May 2021 03:35
Operator : CG/JU
Sample : M2161-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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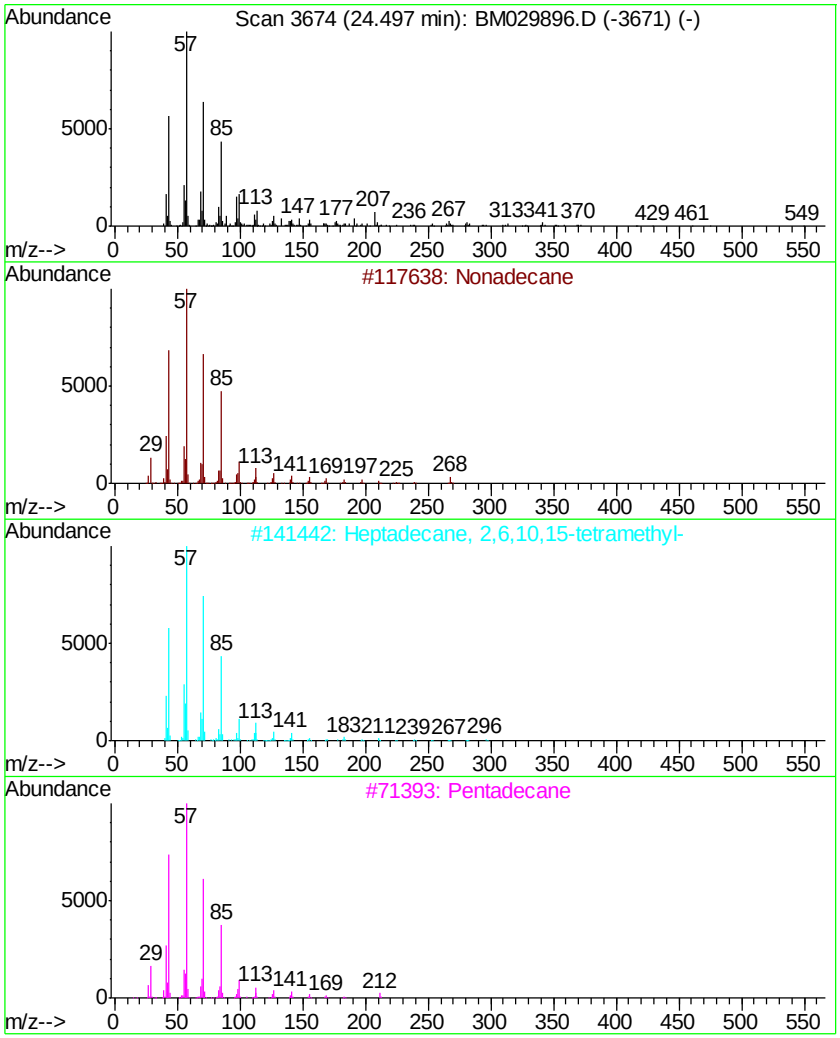
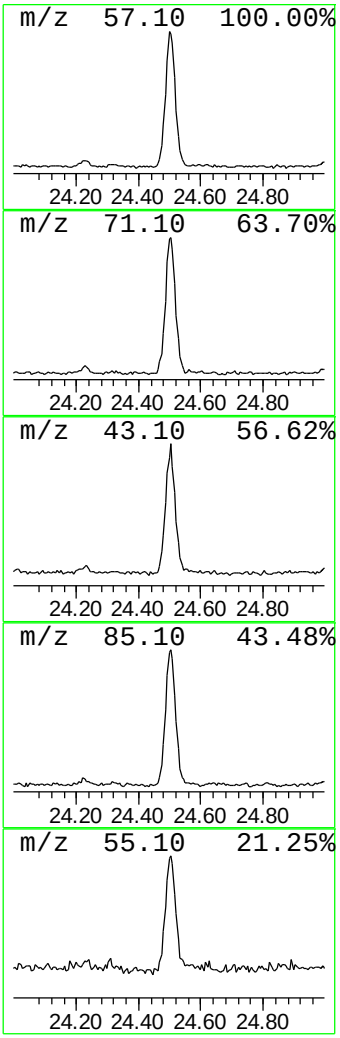
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	2.68 ng/ul	316780	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3	Pentadecane	212	C15H32	000629-62-9	89
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050721\
Data File : BM029896.D
Acq On : 08 May 2021 03:35
Operator : CG/JU
Sample : M2161-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AQ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.11	13.7	ng/ul	1308480	3	14.20	1911210	20.0
unknown-01	17.27	2.4	ng/ul	273044	4	16.94	2240430	20.0
n-Hexadecanoic acid	17.86	2.9	ng/ul	321579	4	16.94	2240430	20.0
Bis(2-ethylhexyl)...	19.04	4.5	ng/ul	580101	5	21.13	2581940	20.0
4,8,12,16-Tetrame...	20.23	2.0	ng/ul	259548	5	21.13	2581940	20.0
Trichloroacetic a...	20.86	4.5	ng/ul	586050	5	21.13	2581940	20.0
(DEL) Alkane: Str...	23.80	2.9	ng/ul	338198	6	23.29	2360950	20.0
(DEL) Alkane: Str...	24.50	2.7	ng/ul	316780	6	23.29	2360950	20.0