LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022693.D
Acq On : 28 Oct 2024 23:42
Operator : RC/JU
Sample : P4530-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H38

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	30	34	39	rVB	13276	16138	0.86%	0.078%
2	3.605	102	105	118	rBV	59378	103280	5.48%	0.498%
3	3.917	153	158	162	rBV3	4346	6926	0.37%	0.033%
4	4.805	308	309	316	rVB6	1777	2680	0.14%	0.013%
5	6.793	643	647	649	rBV5	2617	3209	0.17%	0.015%
6	6.840	649	655	670	rVV	204002	369782	19.62%	1.782%
7	6.993	675	681	690	rVV	157587	253863	13.47%	1.223%
8	7.193	708	715	725	rBV	214777	350839	18.61%	1.690%
9	7.646	785	792	801	rBV	312003	512219	27.18%	2.468%
10	7.728	802	806	810	rVB5	3362	5063	0.27%	0.024%
11	8.352	905	912	928	rBV	246946	460141	24.41%	2.217%
12	8.793	978	987	997	rBV	217233	362136	19.21%	1.745%
13	9.193	1048	1055	1061	rBV2	12489	19504	1.03%	0.094%
14	9.352	1073	1082	1091	rBV2	19081	36632	1.94%	0.176%
15	9.504	1101	1108	1122	rBV	193538	323471	17.16%	1.558%
16	10.046	1193	1200	1218	rBV	241663	494129	26.22%	2.381%
17	10.404	1253	1261	1274	rBV	420182	695713	36.91%	3.352%
18	10.546	1278	1285	1301	rBV2	217992	412113	21.87%	1.986%
19	10.969	1353	1357	1364	rVB8	2869	7109	0.38%	0.034%
20	11.675	1466	1477	1482	rVB7	3168	6443	0.34%	0.031%
21	11.816	1495	1501	1503	rBV6	2178	3371	0.18%	0.016%
22	12.004	1527	1533	1536	rBV4	3569	6746	0.36%	0.033%
23	12.257	1570	1576	1580	rVB6	1902	3325	0.18%	0.016%
24	12.787	1662	1666	1671	rBV7	2178	4097	0.22%	0.020%
25	13.087	1711	1717	1722	rBV3	6002	8667	0.46%	0.042%
26	13.575	1795	1800	1807	rVB10	1810	3650	0.19%	0.018%
27	13.669	1807	1816	1827	rBV	556024	845249	44.85%	4.072%
28	13.957	1853	1865	1877	rBV2	567900	919266	48.77%	4.429%
29	14.181	1899	1903	1907	rVB5	2735	4019	0.21%	0.019%
30	14.275	1910	1919	1932	rBV	746000	1088210	57.74%	5.243%
31	14.522	1955	1961	1981	rBV2	158847	354399	18.80%	1.707%
32	14.710	1988	1993	1999	rVB9	6487	12158	0.65%	0.059%
33	15.281	2083	2090	2106	rBV	906669	1213820	64.40%	5.848%
34	15.422	2106	2114	2128	rBV	176069	350271	18.58%	1.688%
35	15.534	2130	2133	2138	rVB7	3546	5842	0.31%	0.028%
36	15.651	2148	2153	2160	rBV	277383	348910	18.51%	1.681%

LSC Area Percent Report

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

37	16.181	2240	2243	2247	rBV5	1813	2020	0.11%	0.010%
38	16.239	2247	2253	2257	rVB5	9342	13619	0.72%	0.066%
39	16.334	2266	2269	2272	rBV5	1860	2336	0.12%	0.011%
40	16.475	2288	2293	2300	rBV5	9547	15233	0.81%	0.073%
41	16.551	2303	2306	2312	rVB7	2378	3400	0.18%	0.016%
42	16.851	2352	2357	2361	rBV7	2041	4221	0.22%	0.020%
43	16.992	2376	2381	2385	rVV7	6584	10176	0.54%	0.049%
44	17.063	2385	2393	2402	rVV	1059272	1441966	76.51%	6.947%
45	17.175	2404	2412	2424	rVV2	791120	1382926	73.37%	6.663%
46	17.263	2424	2427	2430	rVV4	9547	13517	0.72%	0.065%
47	17.298	2430	2433	2439	rVV7	8023	12565	0.67%	0.061%
48	17.369	2443	2445	2450	rVB5	1444	1971	0.10%	0.009%
49	17.480	2461	2464	2471	rVB9	2810	5620	0.30%	0.027%
50	17.616	2482	2487	2489	rBV6	2380	4380	0.23%	0.021%
51	17.722	2502	2505	2509	rBV6	2944	4291	0.23%	0.021%
52	17.880	2527	2532	2541	rVB6	11443	21294	1.13%	0.103%
53	17.957	2541	2545	2548	rBV6	4151	6335	0.34%	0.031%
54	18.004	2548	2553	2563	rBV2	255880	323198	17.15%	1.557%
55	18.322	2603	2607	2615	rBV5	9664	14942	0.79%	0.072%
56	18.469	2626	2632	2634	rBV7	5031	7042	0.37%	0.034%
57	18.757	2679	2681	2684	rVB4	4821	4670	0.25%	0.023%
58	18.875	2696	2701	2706	rBV4	13184	23663	1.26%	0.114%
59	19.110	2737	2741	2745	rBV3	13245	21270	1.13%	0.102%
60	19.186	2749	2754	2757	rVV4	21309	36136	1.92%	0.174%
61	19.222	2757	2760	2770	rVB4	16232	38691	2.05%	0.186%
62	19.345	2777	2781	2789	rBV	91696	128211	6.80%	0.618%
63	19.557	2811	2817	2825	rBV	1281690	1703858	90.40%	8.209%
64	21.174	3088	3092	3103	rBV3	68102	151444	8.04%	0.730%
65	21.498	3141	3147	3160	rVB2	995010	1761165	93.44%	8.485%
66	23.251	3440	3445	3452	rVB	133990	249534	13.24%	1.202%
67	24.533	3655	3663	3674	rVB	761523	1847605	98.03%	8.902%
68	24.757	3691	3701	3714	rBV	687349	1884746	100.00%	9.081%

Sum of corrected areas: 20755435

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BNA_P
ClientSampleId :
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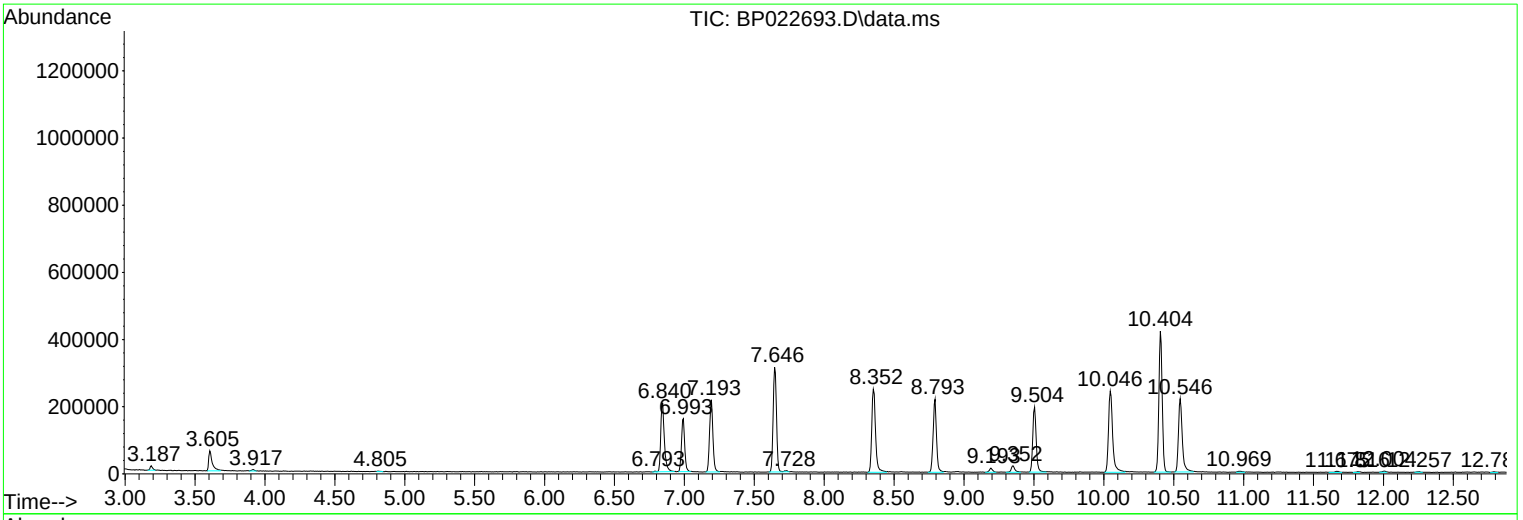
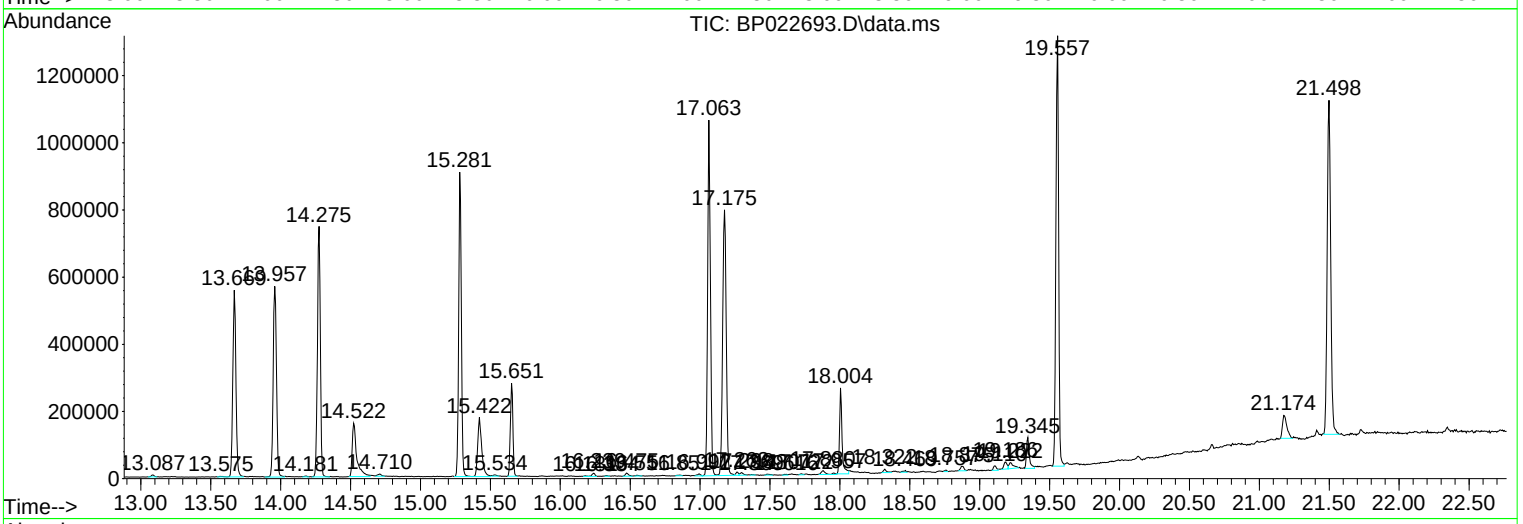
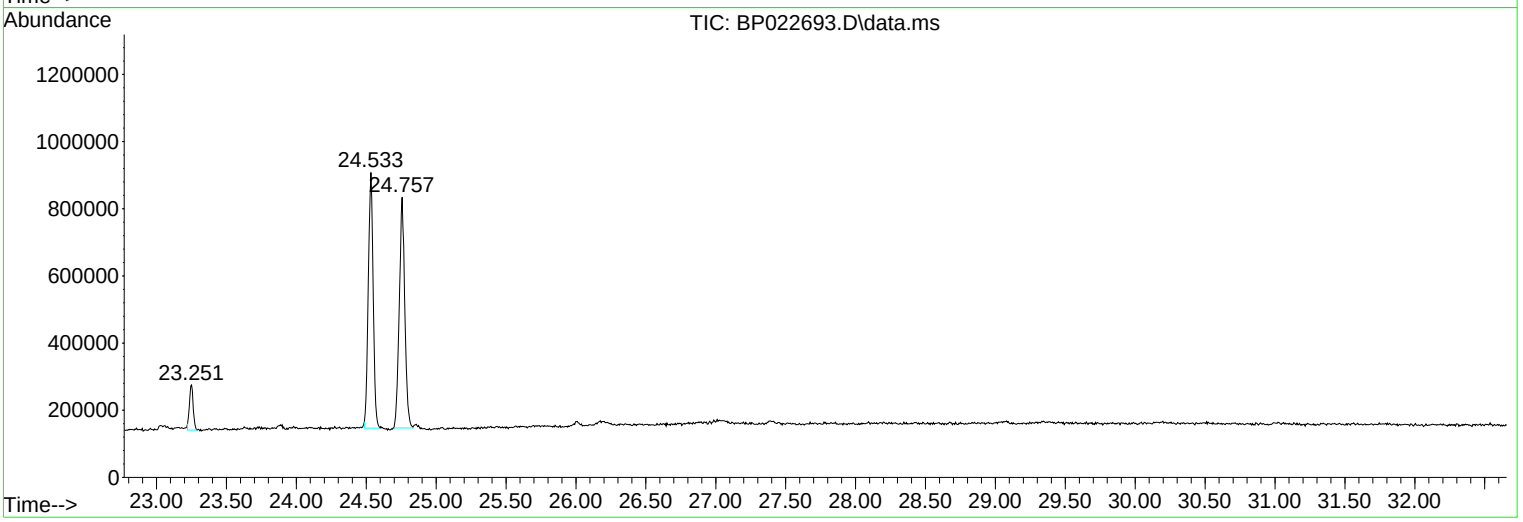
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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

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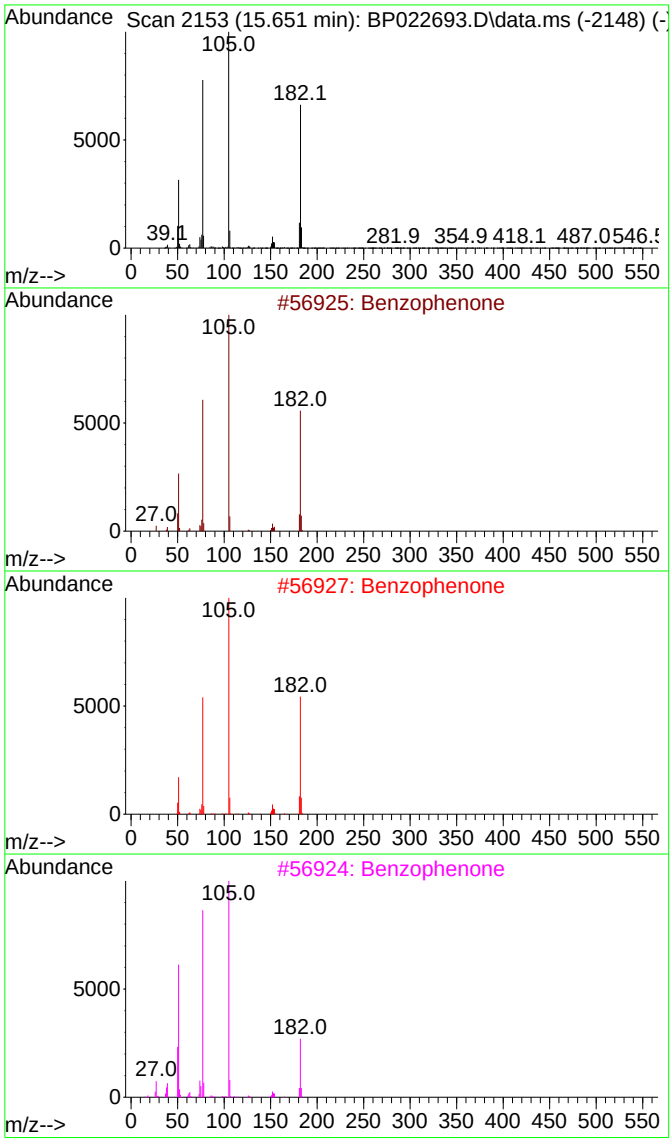
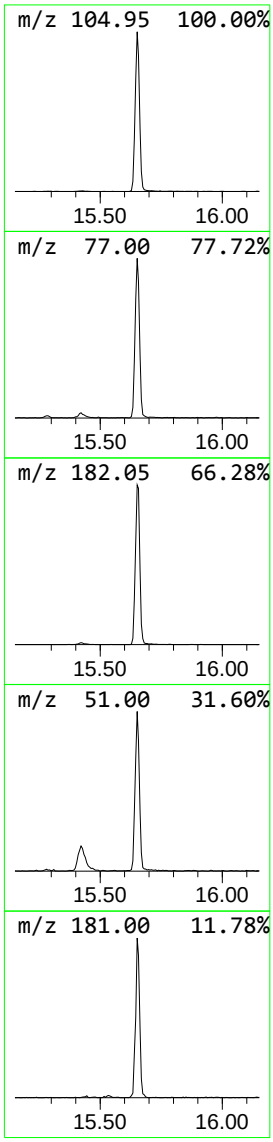
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	6.41 ng/ul	348910	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

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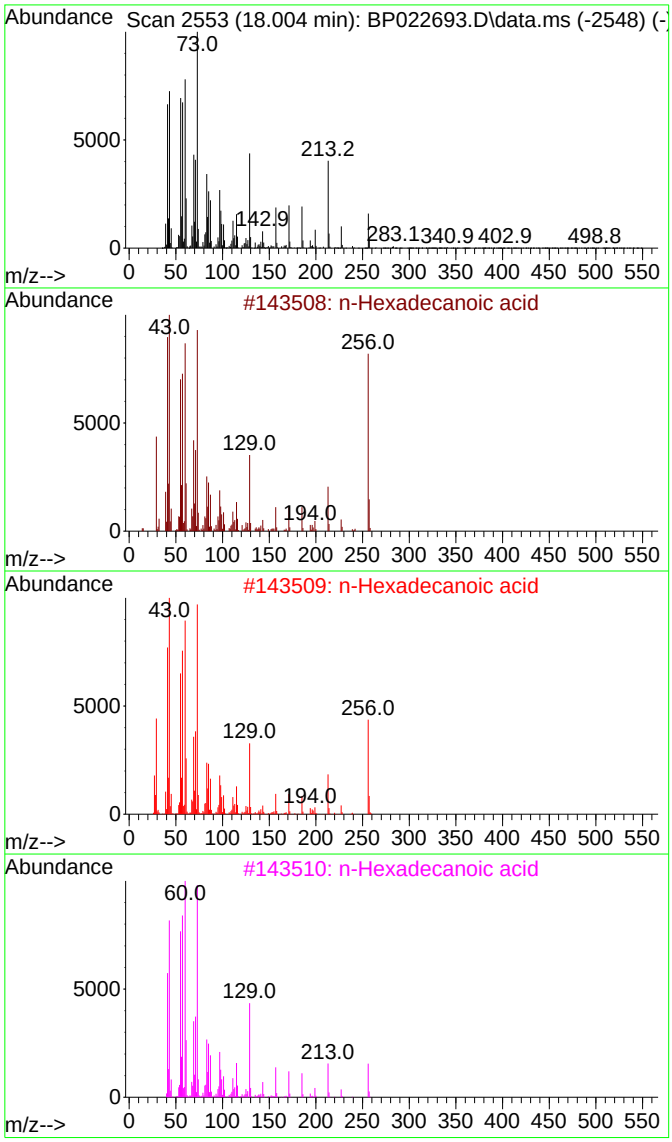
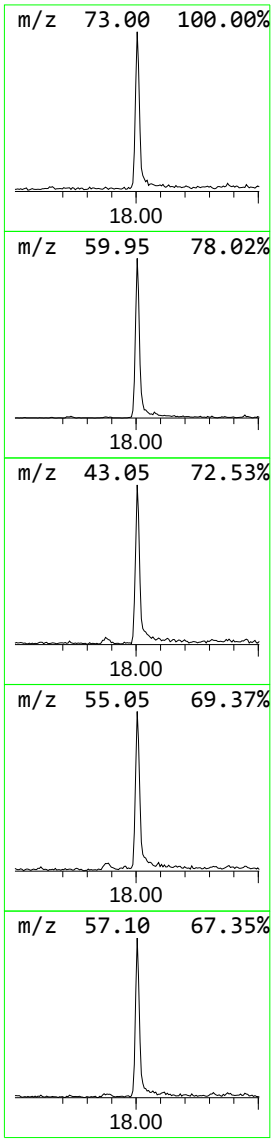
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	4.48 ng/ul	323198	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

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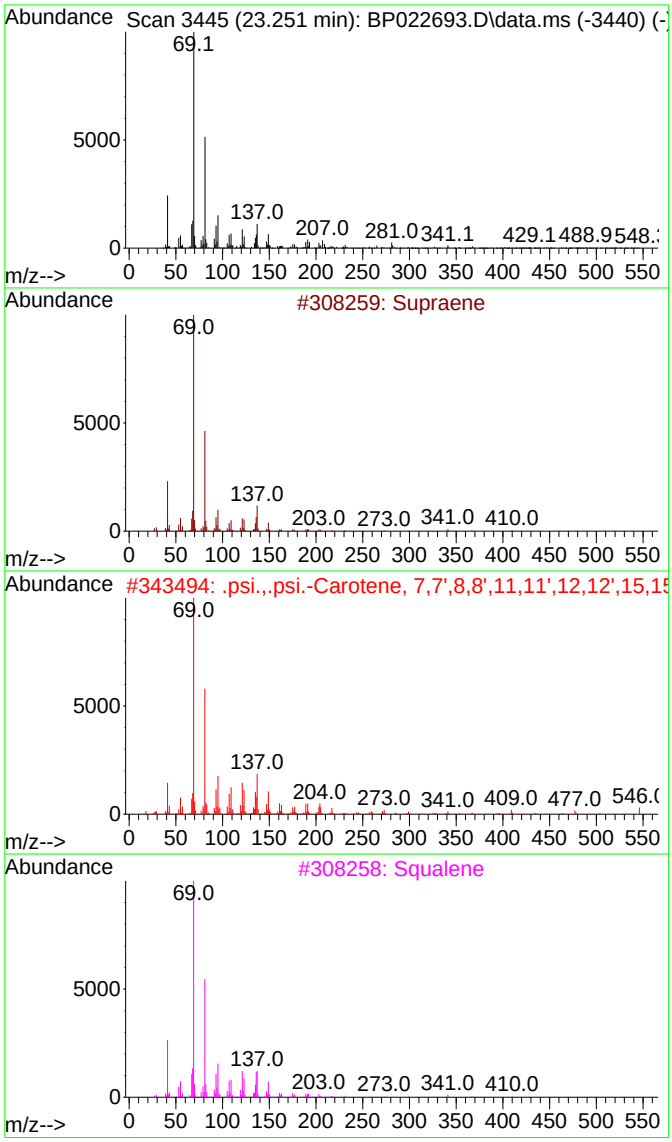
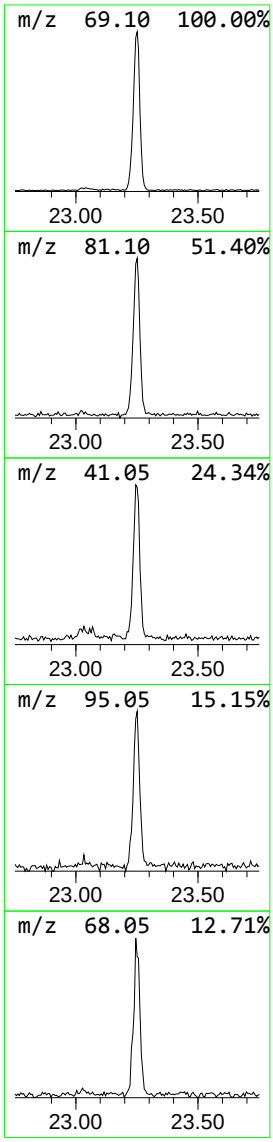
Peak Number 3 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.251	2.65 ng/ul	249534	Perylene-d12	24.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72
3	Squalene	410	C30H50	000111-02-4	72
4	Farnesol isomer a	222	C15H26O	1000108-92-4	72
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	59





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.651	6.4	ng/ul	348910	3	14.275	1088210	20.0
n-Hexadecanoic ...	18.004	4.5	ng/ul	323198	4	17.063	1441970	20.0
Supraene	23.251	2.6	ng/ul	249534	6	24.757	1884750	20.0