LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044970.D
Acq On : 06 Apr 2024 14:52
Operator : MA/JU
Sample : P2018-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH5E9

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: BM044970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	18	21	28	rVB	20738	29408	1.38%	0.144%
2	3.475	63	66	79	rBV	51145	89017	4.19%	0.435%
3	3.610	85	89	108	rBV	198789	348496	16.41%	1.702%
4	4.122	171	176	178	rBV6	2852	4079	0.19%	0.020%
5	5.122	345	346	351	rBV4	2085	2768	0.13%	0.014%
6	5.351	383	385	391	rVB6	1861	2589	0.12%	0.013%
7	5.769	452	456	460	rBV5	4106	4938	0.23%	0.024%
8	6.093	510	511	516	rBV5	1637	2444	0.12%	0.012%
9	6.369	555	558	561	rBV4	1518	2327	0.11%	0.011%
10	6.816	628	634	646	rBV	280353	490714	23.10%	2.396%
11	6.987	657	663	674	rBV	233707	373200	17.57%	1.823%
12	7.169	687	694	705	rBV	303109	491184	23.12%	2.399%
13	7.634	766	773	782	rBV	250514	399530	18.81%	1.951%
14	8.339	887	893	909	rBV	336664	592737	27.90%	2.895%
15	8.539	923	927	929	rVB3	2189	2690	0.13%	0.013%
16	8.598	935	937	941	rVB4	2173	2565	0.12%	0.013%
17	8.798	963	971	979	rBV	264062	460545	21.68%	2.249%
18	8.957	994	998	1001	rVB3	1990	2619	0.12%	0.013%
19	9.163	1027	1033	1038	rVB2	9099	14276	0.67%	0.070%
20	9.381	1066	1070	1076	rVV3	8299	13976	0.66%	0.068%
21	9.422	1076	1077	1083	rVB6	2875	3441	0.16%	0.017%
22	9.510	1083	1092	1101	rBV	226549	399290	18.80%	1.950%
23	10.039	1175	1182	1196	rBV	325510	604018	28.43%	2.950%
24	10.410	1237	1245	1255	rBV	355675	594000	27.96%	2.901%
25	10.563	1264	1271	1288	rBV	281743	580883	27.34%	2.837%
26	11.198	1371	1379	1392	rBV3	15238	43008	2.02%	0.210%
27	11.845	1484	1489	1494	rVB7	2104	4536	0.21%	0.022%
28	12.004	1514	1516	1517	rBV2	3247	2597	0.12%	0.013%
29	12.022	1517	1519	1524	rVB4	3780	4471	0.21%	0.022%
30	13.098	1698	1702	1708	rVB5	5322	8356	0.39%	0.041%
31	13.180	1711	1716	1719	rVB6	2076	3515	0.17%	0.017%
32	13.710	1799	1806	1820	rVB	597551	869920	40.95%	4.248%
33	13.974	1842	1851	1861	rBV	771794	1139215	53.63%	5.563%
34	14.180	1884	1886	1891	rVB4	2832	3202	0.15%	0.016%
35	14.280	1897	1903	1912	rBV	535492	810577	38.16%	3.959%
36	14.516	1935	1943	1962	rBV	196443	480663	22.63%	2.347%

LSC Area Percent Report

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Data File : BM044970.D
Acq On : 06 Apr 2024 14:52
Operator : MA/JU
Sample : P2018-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BH5E9

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	14.739	1977	1981	1984	rVB6	2140	2812	0.13%	0.014%
38	14.980	2021	2022	2027	rVB3	1829	2204	0.10%	0.011%
39	15.092	2038	2041	2046	rVB5	2573	3371	0.16%	0.016%
40	15.139	2046	2049	2055	rBV6	2833	4797	0.23%	0.023%
41	15.286	2064	2074	2084	rBV	969591	1410937	66.42%	6.890%
42	15.421	2091	2097	2112	rBV	245309	375947	17.70%	1.836%
43	15.533	2112	2116	2121	rVB6	3941	6400	0.30%	0.031%
44	15.845	2166	2169	2175	rBV7	2799	5715	0.27%	0.028%
45	16.010	2193	2197	2200	rBV5	2618	3176	0.15%	0.016%
46	16.068	2205	2207	2213	rBV5	3606	4953	0.23%	0.024%
47	16.186	2223	2227	2229	rBV4	2403	3193	0.15%	0.016%
48	16.462	2271	2274	2281	rBV7	2839	5506	0.26%	0.027%
49	16.815	2333	2334	2341	rVB5	2627	4579	0.22%	0.022%
50	16.980	2355	2362	2366	rBV7	6852	10892	0.51%	0.053%
51	17.039	2366	2372	2378	rBV	675765	970672	45.69%	4.740%
52	17.092	2378	2381	2383	rVV4	8342	12758	0.60%	0.062%
53	17.145	2383	2390	2400	rVV	1035886	1536769	72.34%	7.505%
54	17.233	2403	2405	2407	rVV3	3911	3767	0.18%	0.018%
55	17.268	2407	2411	2417	rVV7	5607	9854	0.46%	0.048%
56	17.339	2419	2423	2427	rVV5	1292	2272	0.11%	0.011%
57	17.445	2436	2441	2444	rBV6	3611	4517	0.21%	0.022%
58	17.551	2457	2459	2463	rBV3	2431	2499	0.12%	0.012%
59	17.621	2467	2471	2474	rBV6	1497	2313	0.11%	0.011%
60	17.733	2483	2490	2494	rVB	17452	22270	1.05%	0.109%
61	17.827	2500	2506	2511	rBV9	4325	9928	0.47%	0.048%
62	17.951	2522	2527	2538	rBV2	77936	121275	5.71%	0.592%
63	18.245	2575	2577	2581	rVB4	3476	4511	0.21%	0.022%
64	18.521	2622	2624	2626	rVV3	2540	2412	0.11%	0.012%
65	18.556	2628	2630	2633	rBV4	2625	2813	0.13%	0.014%
66	18.733	2657	2660	2661	rBV3	2141	2495	0.12%	0.012%
67	18.880	2683	2685	2688	rBV3	3205	4610	0.22%	0.023%
68	18.915	2689	2691	2695	rVB5	5217	4758	0.22%	0.023%
69	19.009	2703	2707	2709	rVV3	12730	14942	0.70%	0.073%
70	19.039	2710	2712	2716	rVB	12823	15327	0.72%	0.075%
71	19.086	2716	2720	2721	rBV2	11396	14401	0.68%	0.070%
72	19.245	2742	2747	2753	rBV5	22727	36697	1.73%	0.179%
73	19.398	2771	2773	2775	rBV3	5577	4862	0.23%	0.024%
74	19.445	2775	2781	2791	rBV	1356025	1873469	88.19%	9.149%
75	20.980	3037	3042	3051	rBV3	107577	187925	8.85%	0.918%
76	21.250	3083	3088	3097	rBV	872532	1139436	53.64%	5.565%

LSC Area Percent Report

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Acq On : 06 Apr 2024 14:52
Operator : MA/JU
Sample : P2018-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH5E9

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

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Peak separation: 5

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

77	22.874	3359	3364	3375	rVB2	158735	319732	15.05%	1.561%
78	23.333	3435	3442	3449	rBV2	1210094	2124323	100.00%	10.374%
79	23.474	3459	3466	3477	rBV	667467	1298987	61.15%	6.344%

Sum of corrected areas: 20476870

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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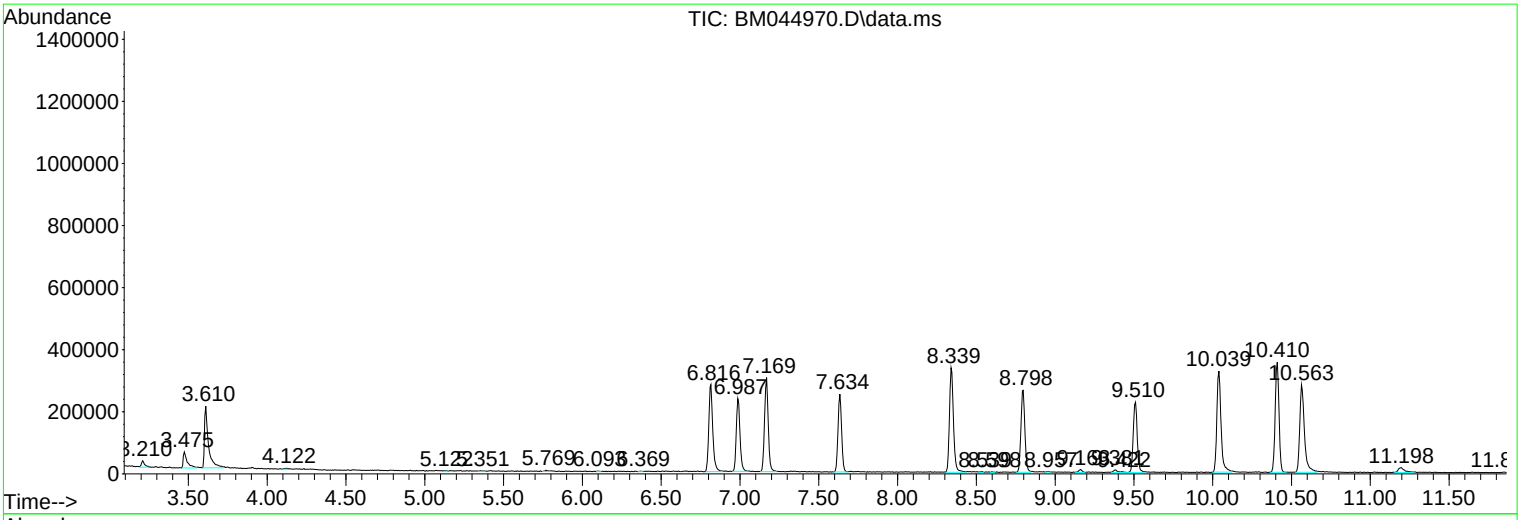
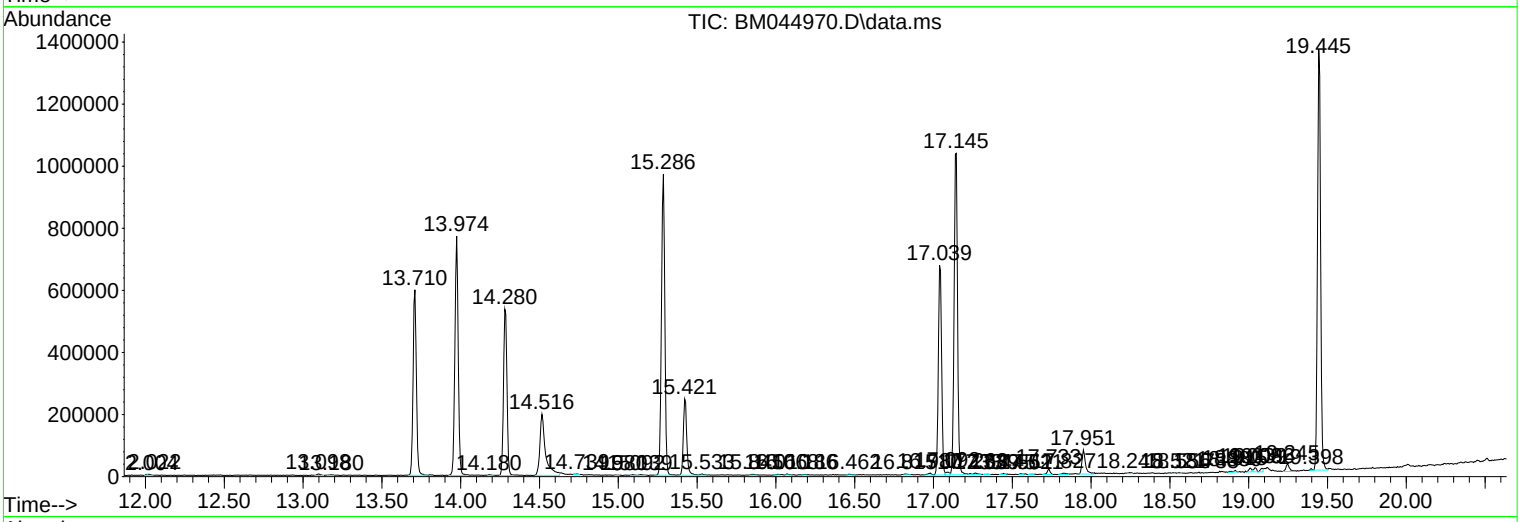
Operator : MA/JU
Sample : P2018-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

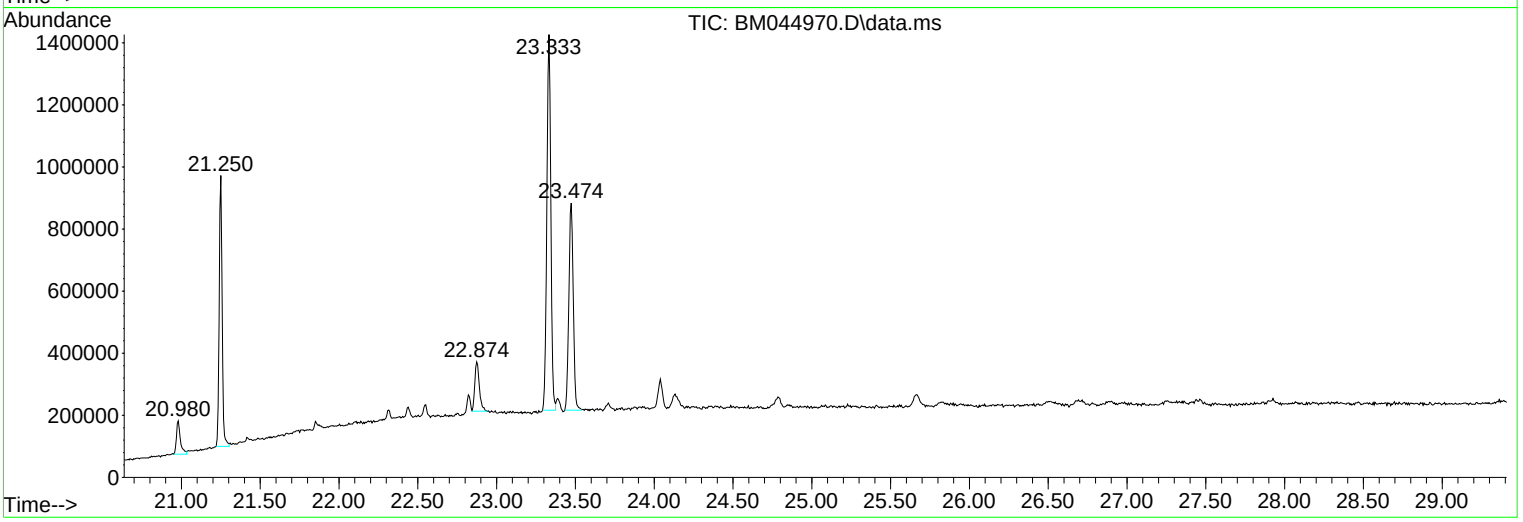
Instrument :
BNA_M
ClientSampleId :
BH5E9

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\BM040624\
Data File : BM044970.D
Acq On : 06 Apr 2024 14:52
Operator : MA/JU
Sample : P2018-05
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ALS Vial : 9 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

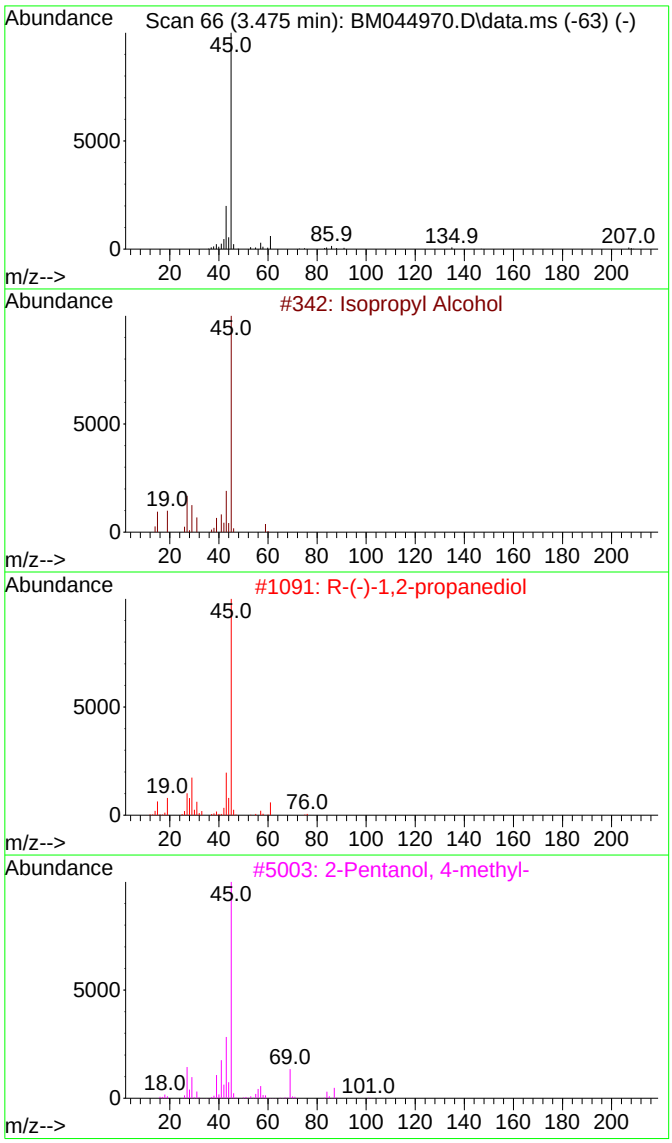
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

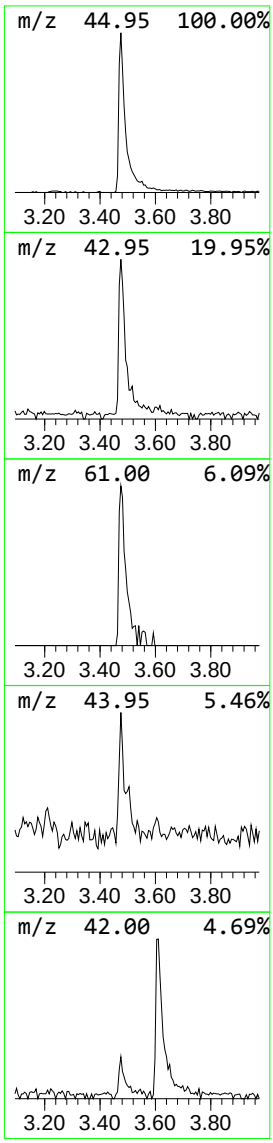
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.475	4.46 ng/ul	89017	1,4-Dichlorobenzene-d4	7.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	39
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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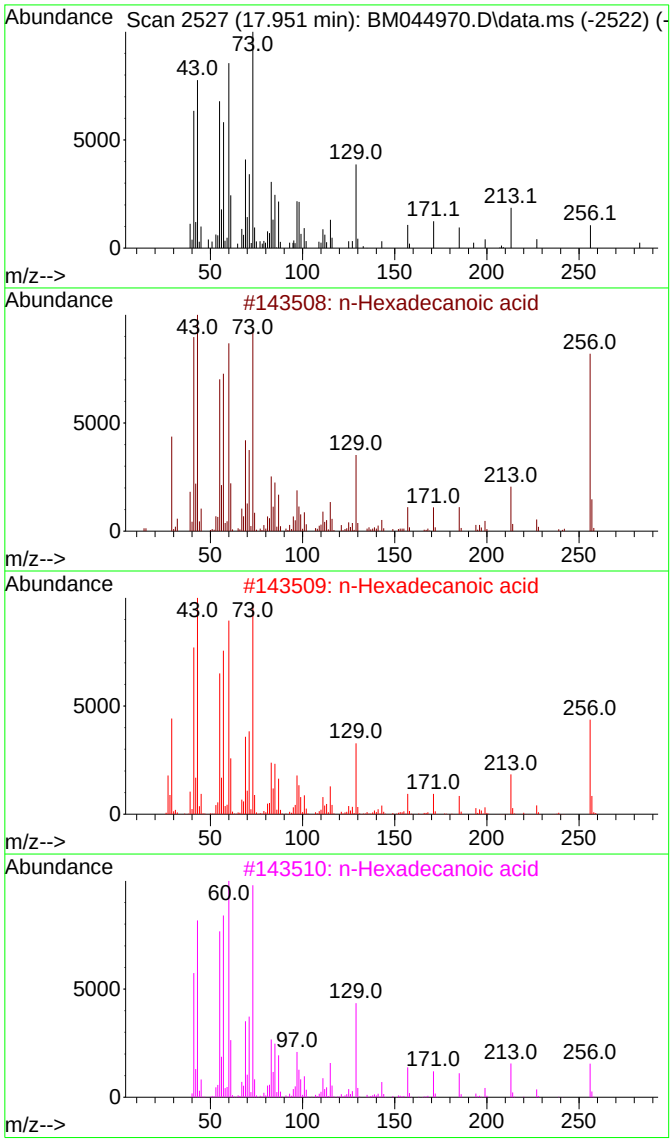
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

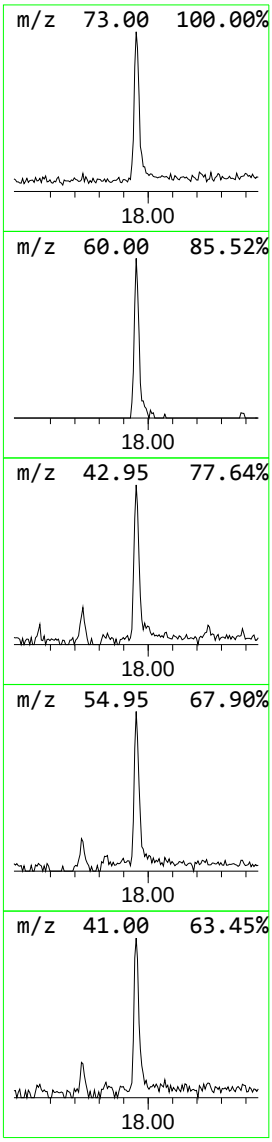
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	2.50 ng/ul	121275	Phenanthrene-d10	17.039

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	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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Instrument :
BNA_M
ClientSampleId :
BH5E9

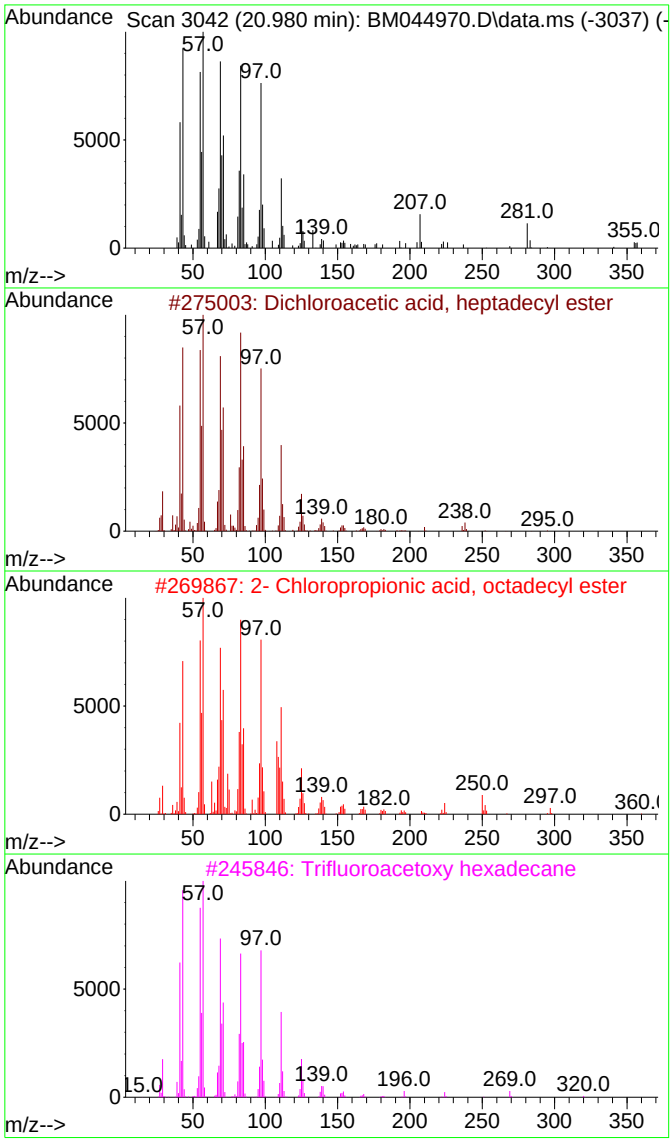
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

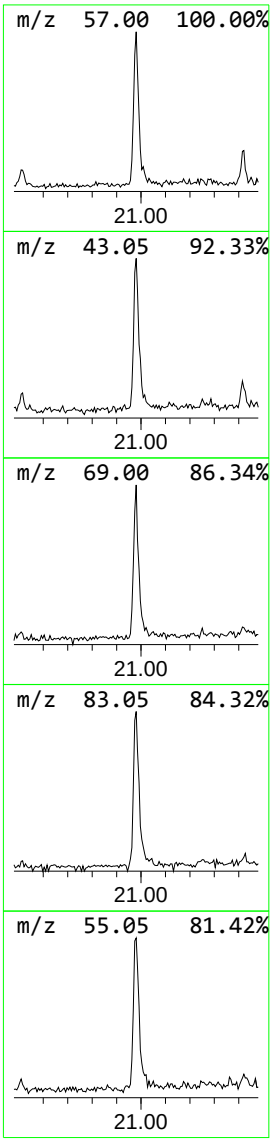
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	3.30 ng/ul	187925	Chrysene-d12	21.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH5E9

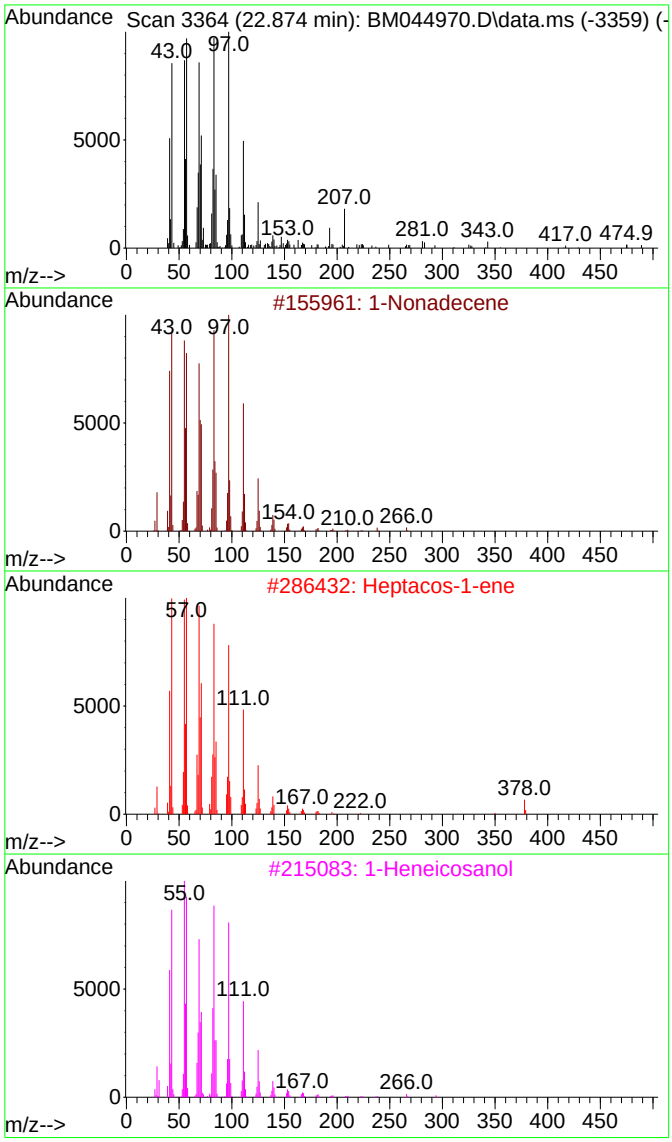
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

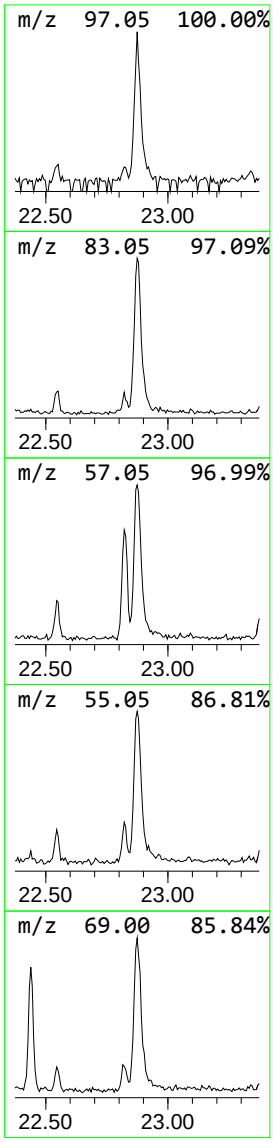
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.874	4.92 ng/ul	319732	Perylene-d12	23.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Heptacos-1-ene	378	C27H54	015306-27-1	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044970.D
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Operator : MA/JU
Sample : P2018-05
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ALS Vial : 9 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	3.475	4.5	ng/ul	89017	1	7.634	399530	20.0
n-Hexadecanoic ...	17.951	2.5	ng/ul	121275	4	17.039	970672	20.0
Dichloroacetic ...	20.980	3.3	ng/ul	187925	5	21.250	1139440	20.0
(DEL) Alkane: S...	22.874	4.9	ng/ul	319732	6	23.474	1298990	20.0