LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035002.D
Acq On : 12 May 2022 01:22
Operator : CG/JU
Sample : N2707-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXLA5

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-BM051022.M
Title : SVOA CALIBRATION

Signal : TIC: BM035002.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	44	48	53	rVB	47103	63500	1.37%	0.140%
2	3.781	115	118	132	rBV	234151	362954	7.83%	0.800%
3	4.116	171	175	183	rVB2	15139	24498	0.53%	0.054%
4	4.640	258	264	277	rVB	694926	1053722	22.74%	2.321%
5	5.028	327	330	336	rVB3	7383	10918	0.24%	0.024%
6	7.081	672	679	688	rVB	190668	300172	6.48%	0.661%
7	7.251	700	708	716	rBV	691588	1091941	23.56%	2.406%
8	7.322	718	720	729	rVB	8873	15890	0.34%	0.035%
9	7.451	735	742	752	rBV	751343	1186302	25.60%	2.614%
10	7.551	757	759	765	rVB6	4657	6554	0.14%	0.014%
11	7.922	815	822	829	rBV	699829	1092275	23.57%	2.406%
12	7.998	831	835	838	rVB4	6467	8181	0.18%	0.018%
13	8.628	933	942	955	rBV	527307	859346	18.54%	1.893%
14	9.075	1007	1018	1029	rBV	897744	1468417	31.69%	3.235%
15	9.204	1035	1040	1043	rVV5	6052	9188	0.20%	0.020%
16	9.245	1046	1047	1054	rVB6	3719	5713	0.12%	0.013%
17	9.533	1090	1096	1102	rVB	11571	19283	0.42%	0.042%
18	9.798	1134	1141	1160	rBV	698504	1185465	25.58%	2.612%
19	10.039	1176	1182	1186	rBV8	3258	6587	0.14%	0.015%
20	10.339	1224	1233	1242	rBV	953183	1564483	33.76%	3.447%
21	10.722	1290	1298	1309	rVB	880958	1478240	31.90%	3.257%
22	10.851	1311	1320	1330	rBV	879913	1501675	32.41%	3.308%
23	12.157	1536	1542	1546	rBV4	7448	11482	0.25%	0.025%
24	12.304	1562	1567	1574	rBV	17770	27979	0.60%	0.062%
25	13.180	1711	1716	1719	rVB5	4347	6454	0.14%	0.014%
26	13.392	1748	1752	1757	rBV	19024	27066	0.58%	0.060%
27	13.457	1760	1763	1769	rBV6	5185	6999	0.15%	0.015%
28	13.963	1842	1849	1855	rBV	1765046	2373232	51.21%	5.229%
29	14.092	1869	1871	1875	rVB4	3707	4994	0.11%	0.011%
30	14.245	1886	1897	1910	rBV	2027059	2909156	62.78%	6.409%
31	14.463	1929	1934	1940	rBV2	22338	28271	0.61%	0.062%
32	14.551	1940	1949	1961	rBV	1200105	1749981	37.76%	3.855%
33	14.639	1961	1964	1971	rVB8	3176	4823	0.10%	0.011%
34	14.739	1975	1981	1996	rBV	116711	224712	4.85%	0.495%
35	14.968	2015	2020	2025	rBV2	39392	54910	1.18%	0.121%
36	15.080	2036	2039	2044	rVB6	3840	6674	0.14%	0.015%

LSC Area Percent Report

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EXLA5

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-BM051022.M
Title : SVOA CALIBRATION

37	15.362	2082	2087	2091	rBV5	6618	10894	0.24%	0.024%
38	15.410	2091	2095	2100	rVB2	19622	24964	0.54%	0.055%
39	15.539	2110	2117	2126	rBV	2387024	3533449	76.25%	7.785%
40	15.657	2130	2137	2145	rBV	811259	1095365	23.64%	2.413%
41	15.780	2153	2158	2163	rBV	28909	44073	0.95%	0.097%
42	15.821	2163	2165	2168	rVB3	5052	4755	0.10%	0.010%
43	15.915	2177	2181	2184	rVB6	3746	4979	0.11%	0.011%
44	16.274	2238	2242	2245	rBV	16090	20466	0.44%	0.045%
45	16.327	2248	2251	2257	rVB5	10114	15268	0.33%	0.034%
46	16.692	2308	2313	2315	rBV4	3381	5454	0.12%	0.012%
47	16.974	2357	2361	2365	rBV6	5997	6689	0.14%	0.015%
48	17.068	2371	2377	2382	rBV3	17591	30018	0.65%	0.066%
49	17.109	2382	2384	2389	rVB5	3107	5239	0.11%	0.012%
50	17.292	2409	2415	2424	rBV	1287209	1835229	39.60%	4.043%
51	17.392	2425	2432	2443	rVV	2770314	3825581	82.56%	8.428%
52	17.533	2454	2456	2462	rBV6	6001	7197	0.16%	0.016%
53	17.680	2475	2481	2487	rVB7	9650	19797	0.43%	0.044%
54	17.803	2498	2502	2507	rBV	12246	14766	0.32%	0.033%
55	17.974	2526	2531	2537	rVB	116314	138399	2.99%	0.305%
56	18.192	2563	2568	2575	rBV	121821	167974	3.62%	0.370%
57	18.498	2616	2620	2629	rBV8	13025	28331	0.61%	0.062%
58	18.662	2644	2648	2649	rBV4	4849	4765	0.10%	0.010%
59	19.145	2720	2730	2734	rBV	220426	287113	6.20%	0.633%
60	19.245	2743	2747	2750	rBV2	33688	41532	0.90%	0.092%
61	19.280	2750	2753	2755	rVB	16354	16954	0.37%	0.037%
62	19.315	2755	2759	2763	rBV2	35850	46418	1.00%	0.102%
63	19.468	2781	2785	2793	rBV	68301	93112	2.01%	0.205%
64	19.621	2808	2811	2815	rBV6	12511	14938	0.32%	0.033%
65	19.680	2815	2821	2829	rBV	3194412	4228172	91.24%	9.315%
66	21.186	3073	3077	3084	rBV	293319	421105	9.09%	0.928%
67	21.468	3120	3125	3132	rBV	1530052	1937695	41.82%	4.269%
68	23.697	3497	3504	3511	rBV2	2446264	4633878	100.00%	10.209%
69	23.850	3524	3530	3539	rVB2	1048110	2073104	44.74%	4.567%

Sum of corrected areas: 45389710

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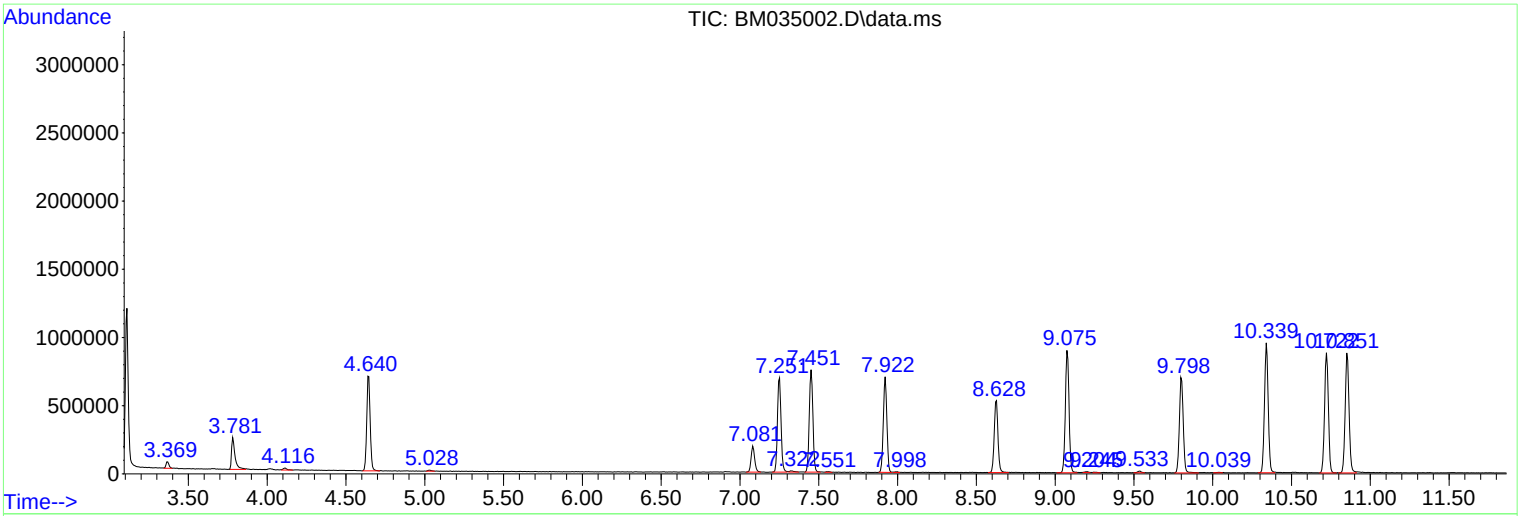
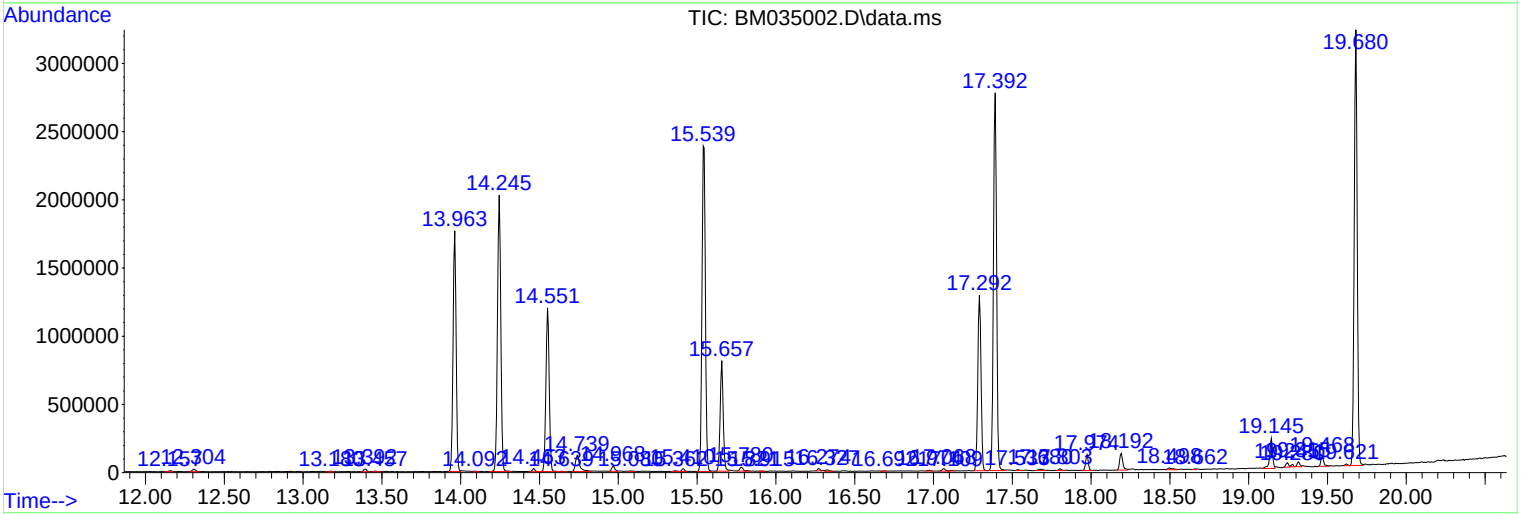
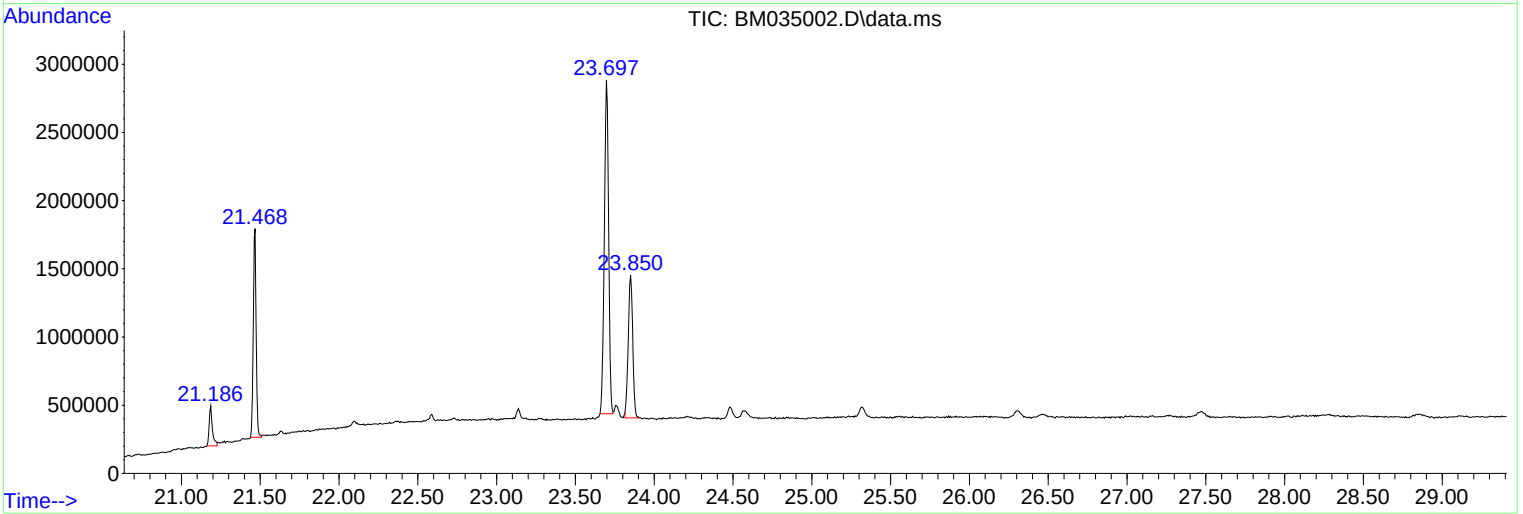
BNA_M
ClientSampleId :
EXLA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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







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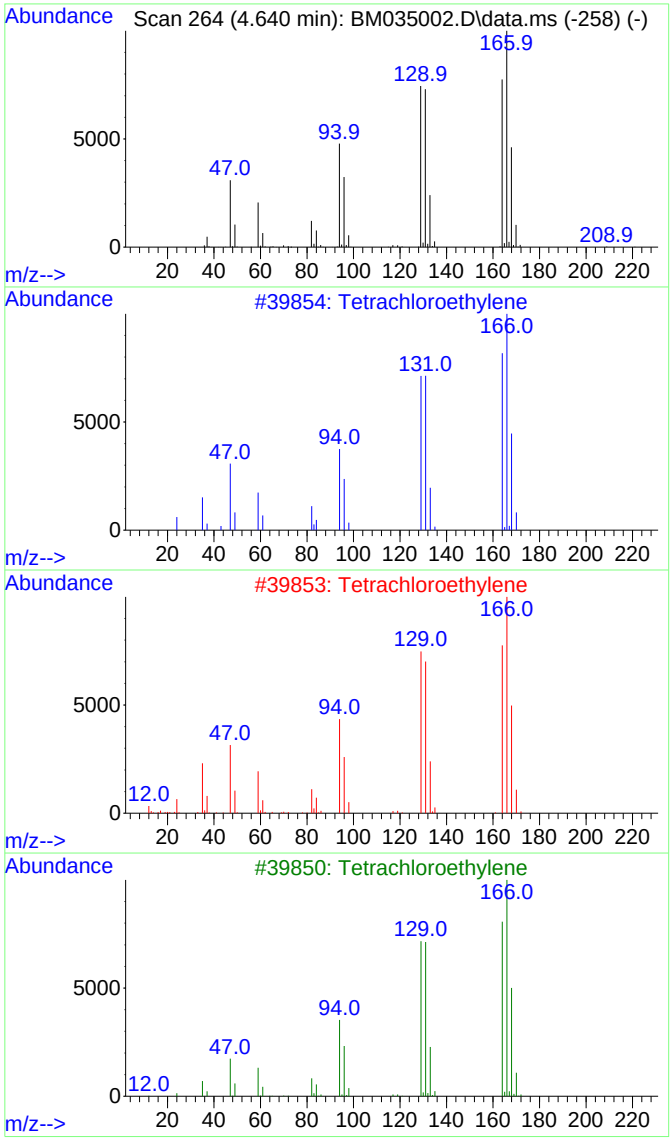
TIC Integration Parameters: LSCINT.P

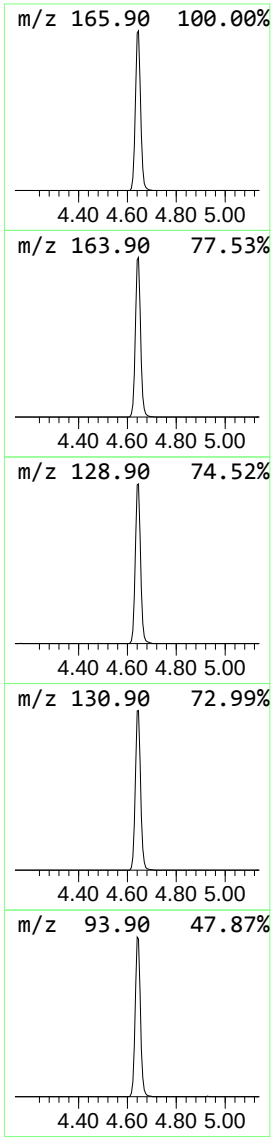
****

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.640	19.29 ng/ul	1053720	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	16





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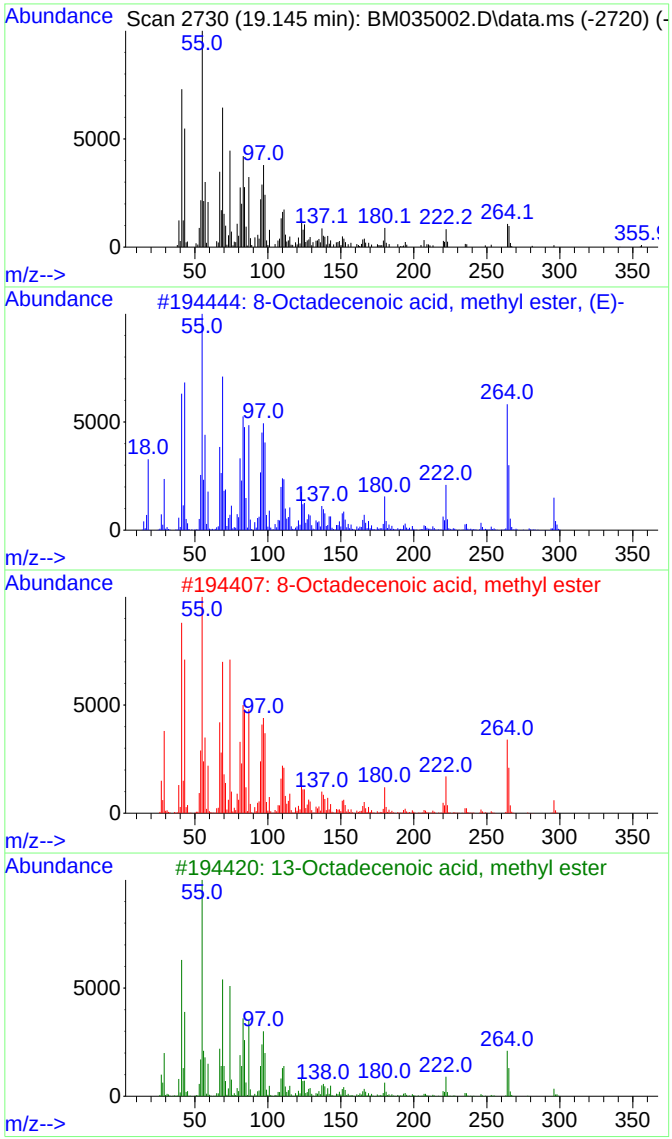
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

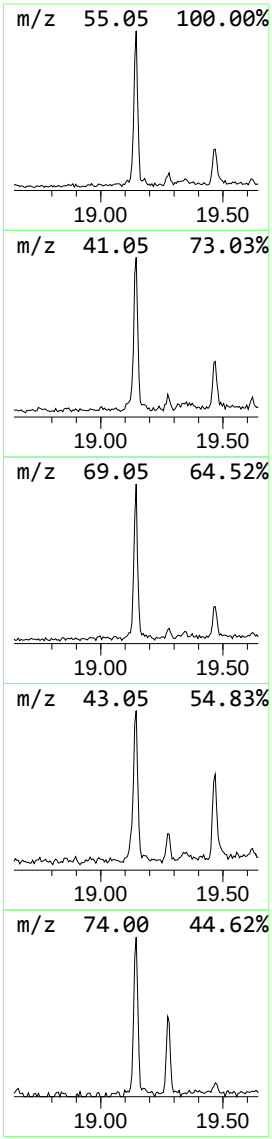
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 8-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	3.13 ng/ul	287113	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98





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Instrument :
BNA_M
ClientSampleId :
EXLA5

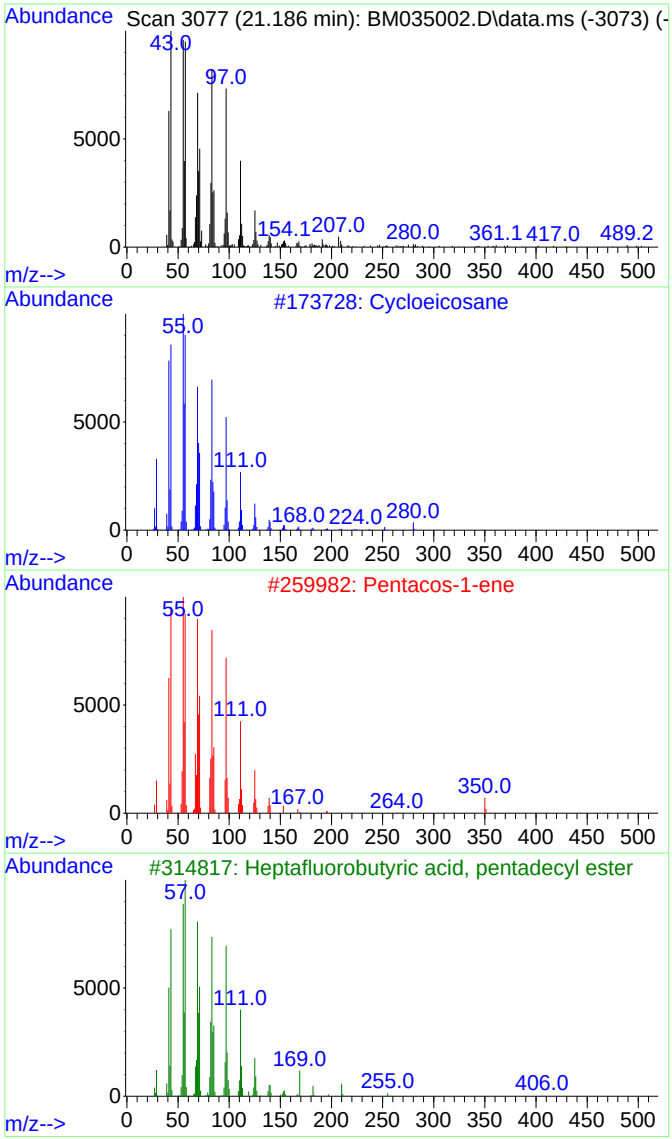
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

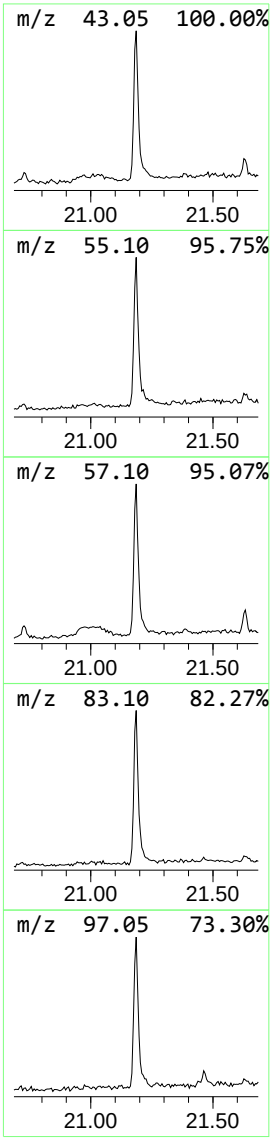
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.186 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	4.35 ng/ul	421105	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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
Tetrachloroethy...	4.640	19.3	ng/ul	1053720	1	7.922	1092280	20.0
8-Octadecenoic ...	19.145	3.1	ng/ul	287113	4	17.292	1835230	20.0
(DEL) Alkane: C...	21.186	4.3	ng/ul	421105	5	21.468	1937700	20.0