LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030121.D
Acq On : 21 May 2021 20:15
Operator : CG/JU
Sample : M2474-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB406

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	3.034	23	25	32	rVB2	17863	26023	0.62%	0.071%
2	3.658	126	131	138	rVB2	15912	28930	0.69%	0.079%
3	4.258	228	233	243	rBV	112224	175430	4.15%	0.478%
4	5.934	514	518	521	rBV4	3666	5776	0.14%	0.016%
5	6.710	645	650	667	rBV	95255	229094	5.43%	0.624%
6	6.863	670	676	701	rVV	393532	755401	17.89%	2.058%
7	7.046	701	707	728	rBV	489531	886463	20.99%	2.415%
8	7.510	779	786	806	rBV	438558	777589	18.42%	2.119%
9	8.234	903	909	931	rBV	301196	633094	14.99%	1.725%
10	8.375	931	933	938	rVB4	4059	4621	0.11%	0.013%
11	8.669	977	983	1005	rBV	547976	1039862	24.63%	2.833%
12	9.075	1047	1052	1053	rBV5	3489	4828	0.11%	0.013%
13	9.381	1097	1104	1120	rBV	465278	891088	21.10%	2.428%
14	9.922	1189	1196	1217	rBV	465335	1155263	27.36%	3.147%
15	10.281	1250	1257	1271	rBV	665384	1137603	26.94%	3.099%
16	10.498	1287	1294	1297	rBV6	9525	20279	0.48%	0.055%
17	11.563	1470	1475	1480	rVB3	6398	10036	0.24%	0.027%
18	11.910	1529	1534	1542	rBV3	6803	15433	0.37%	0.042%
19	12.510	1631	1636	1641	rBV6	5336	8808	0.21%	0.024%
20	12.763	1676	1679	1685	rVB5	4870	7397	0.18%	0.020%
21	13.069	1723	1731	1737	rVB7	5614	10783	0.26%	0.029%
22	13.581	1812	1818	1824	rBV	1440117	2152557	50.98%	5.865%
23	13.633	1824	1827	1846	rVB	113985	196420	4.65%	0.535%
24	13.851	1857	1864	1876	rBV	1759165	2526336	59.83%	6.883%
25	14.163	1910	1917	1932	rBV	1091776	1588629	37.63%	4.328%
26	14.463	1963	1968	1971	rBV5	11606	24998	0.59%	0.068%
27	14.975	2051	2055	2059	rBV	17889	23539	0.56%	0.064%
28	15.163	2080	2087	2105	rBV	2156117	3310688	78.41%	9.020%
29	15.304	2105	2111	2125	rVV	711359	1159560	27.46%	3.159%
30	15.404	2125	2128	2135	rVB2	29836	48560	1.15%	0.132%
31	15.539	2148	2151	2157	rVB7	3688	4587	0.11%	0.012%
32	15.727	2178	2183	2188	rBV8	3267	6553	0.16%	0.018%
33	15.951	2217	2221	2225	rVB6	6426	8968	0.21%	0.024%
34	16.592	2327	2330	2334	rBV5	3668	4596	0.11%	0.013%

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Integrator: RTE
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Title : SVOA CALIBRATION

35	16.704	2342	2349	2353	rBV4	4425	10367	0.25%	0.028%
36	16.910	2378	2384	2395	rBV	1290662	1793893	42.49%	4.887%
37	17.010	2395	2401	2419	rVV	2574875	3703329	87.71%	10.090%
38	17.216	2432	2436	2440	rVB	7867	9618	0.23%	0.026%
39	17.586	2496	2499	2504	rBV7	4046	5668	0.13%	0.015%
40	17.821	2534	2539	2547	rBV	114778	197350	4.67%	0.538%
41	17.892	2549	2551	2559	rVB	13630	20661	0.49%	0.056%
42	18.110	2585	2588	2593	rVB6	4225	5780	0.14%	0.016%
43	18.757	2693	2698	2703	rBV3	9723	16120	0.38%	0.044%
44	18.951	2727	2731	2736	rBV	25878	42537	1.01%	0.116%
45	19.115	2755	2759	2768	rBV3	25789	55129	1.31%	0.150%
46	19.198	2770	2773	2778	rVB	20579	26896	0.64%	0.073%
47	19.310	2786	2792	2804	rBV	3142434	4222265	100.00%	11.503%
48	20.827	3046	3050	3061	rBV	312640	508945	12.05%	1.387%
49	21.104	3092	3097	3108	rBV	1269675	1710091	40.50%	4.659%
50	22.603	3349	3352	3357	rVB2	92833	115930	2.75%	0.316%
51	23.109	3431	3438	3450	rBV2	1845640	3573026	84.62%	9.735%
52	23.245	3455	3461	3474	rVB2	798292	1557509	36.89%	4.243%
53	23.739	3542	3545	3553	rVB3	142948	249317	5.90%	0.679%

Sum of corrected areas: 36704223

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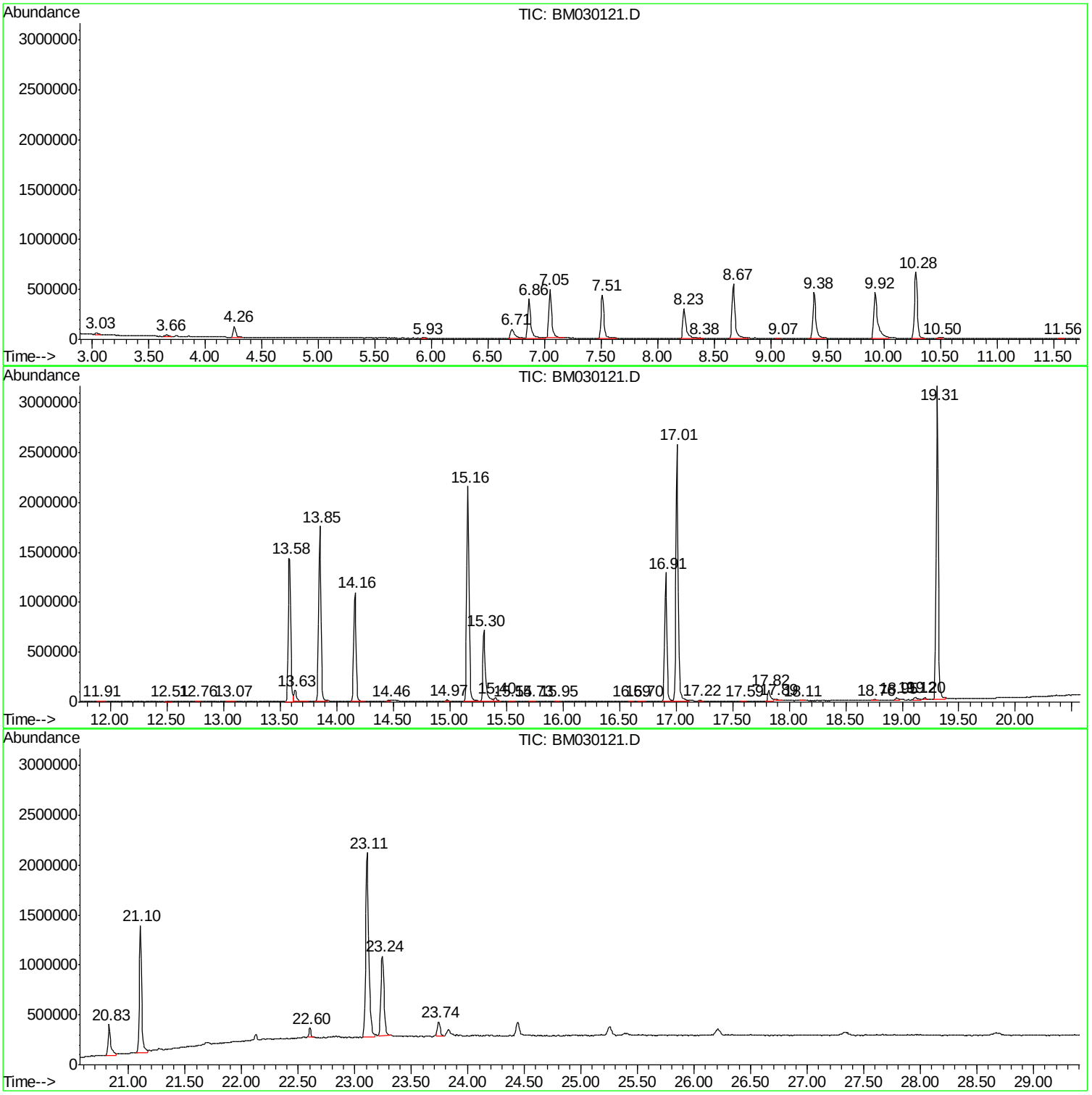
Instrument : BNA_M
ClientSampleId : GB406

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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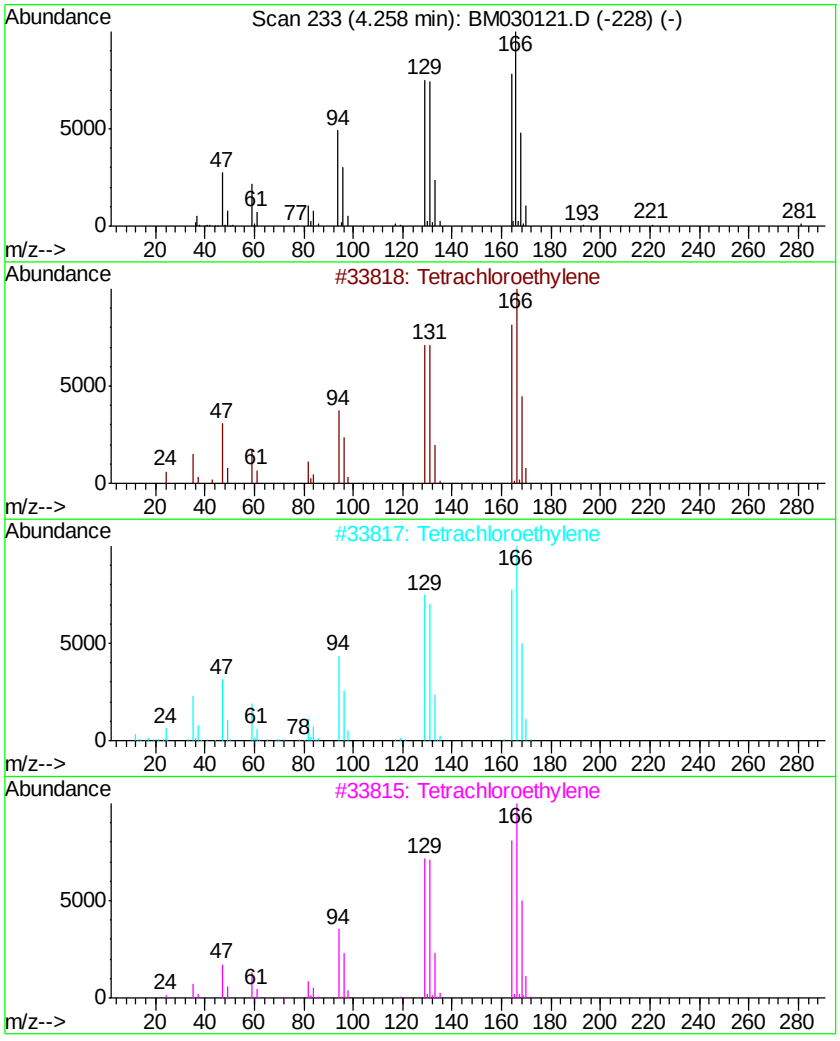
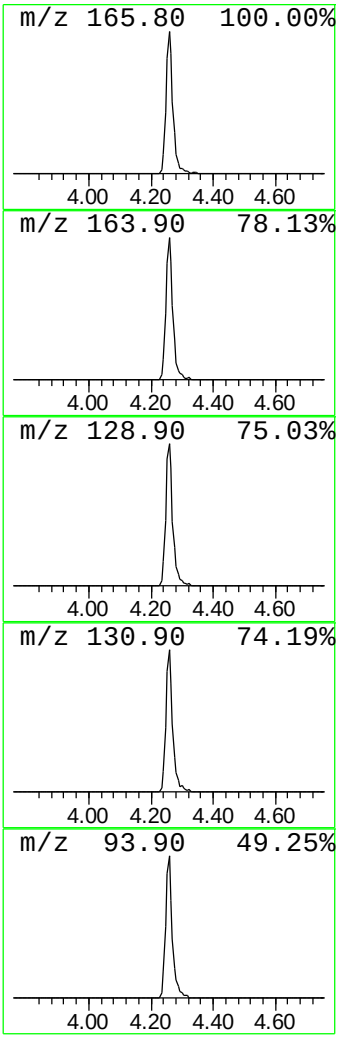
Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	4.51 ng/ul	175430	1,4-Dichlorobenzene-d4	7.51

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	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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Instrument : BNA_M
ClientSampleId : GB406

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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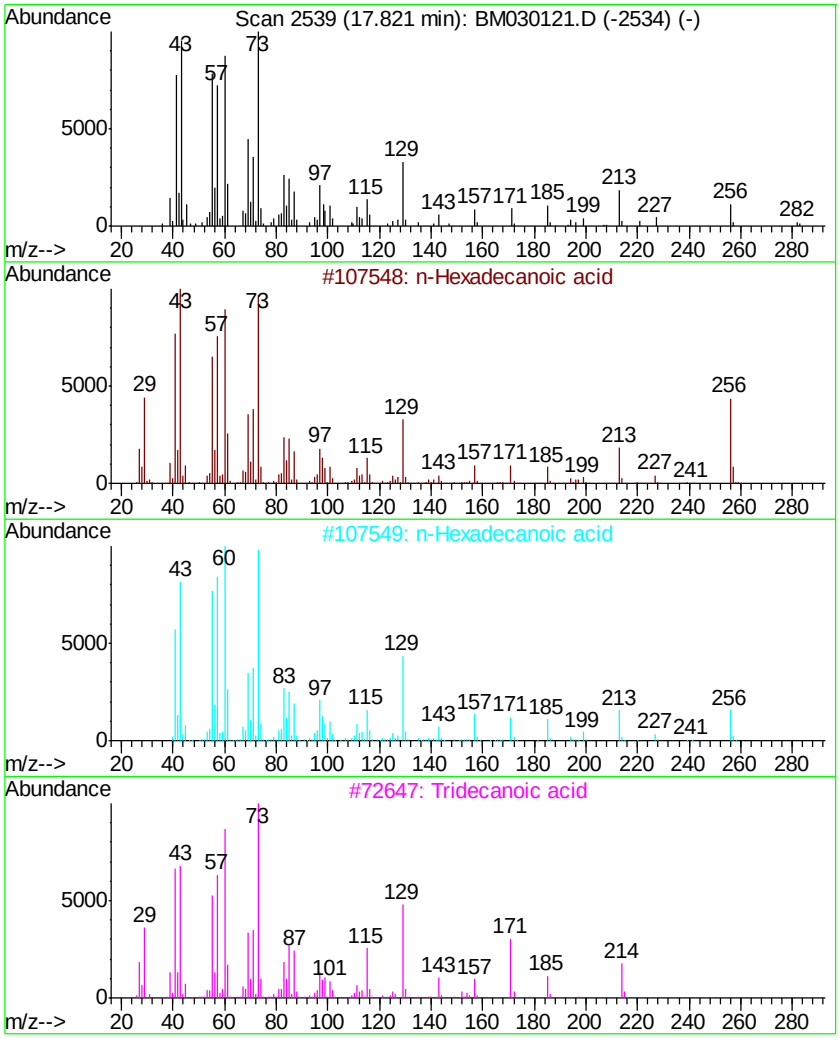
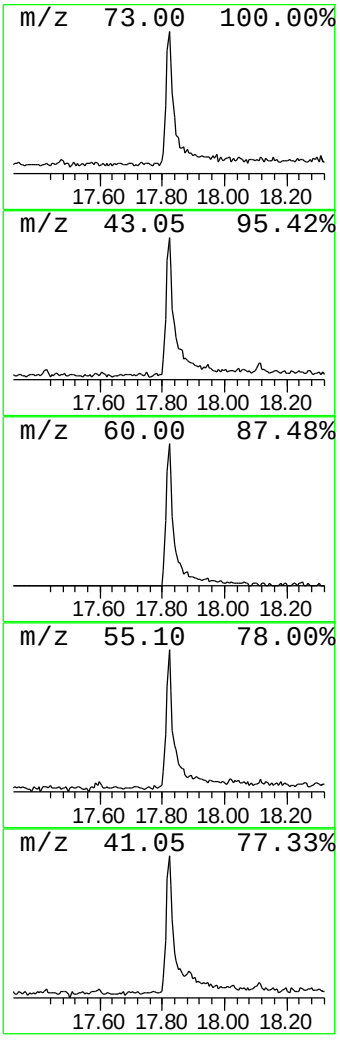
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.20 ng/ul	197350	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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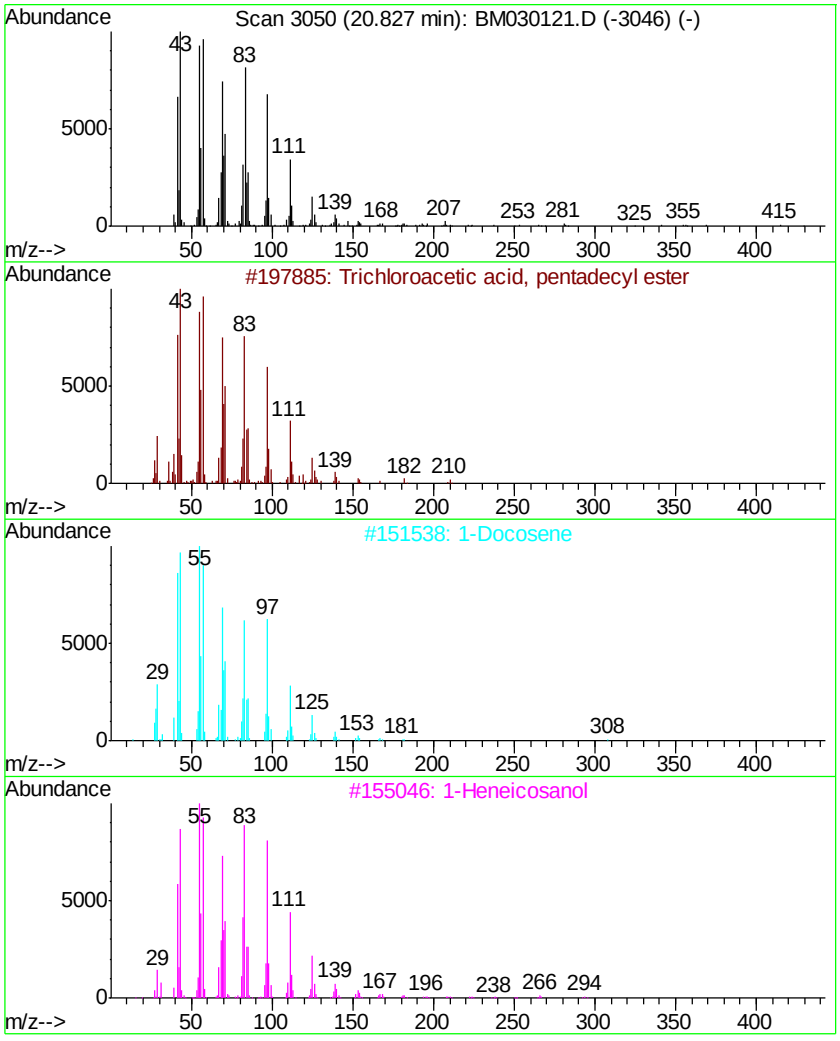
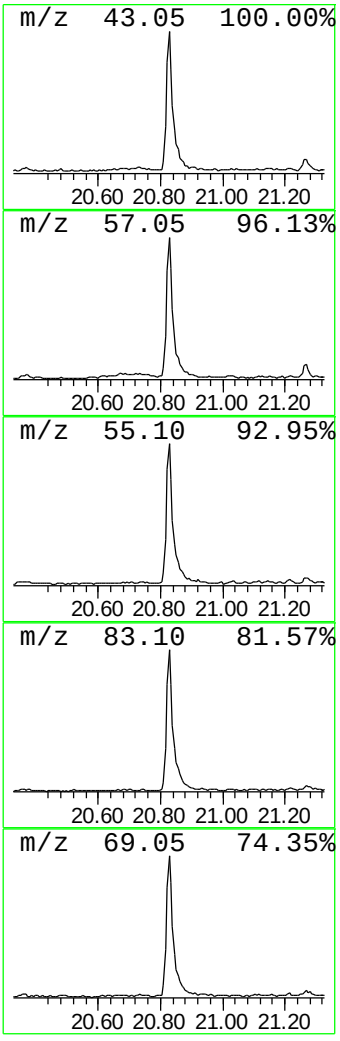
Peak Number 3 Trichloroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.95 ng/ul	508945	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





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Quant Title : SVOA CALIBRATION

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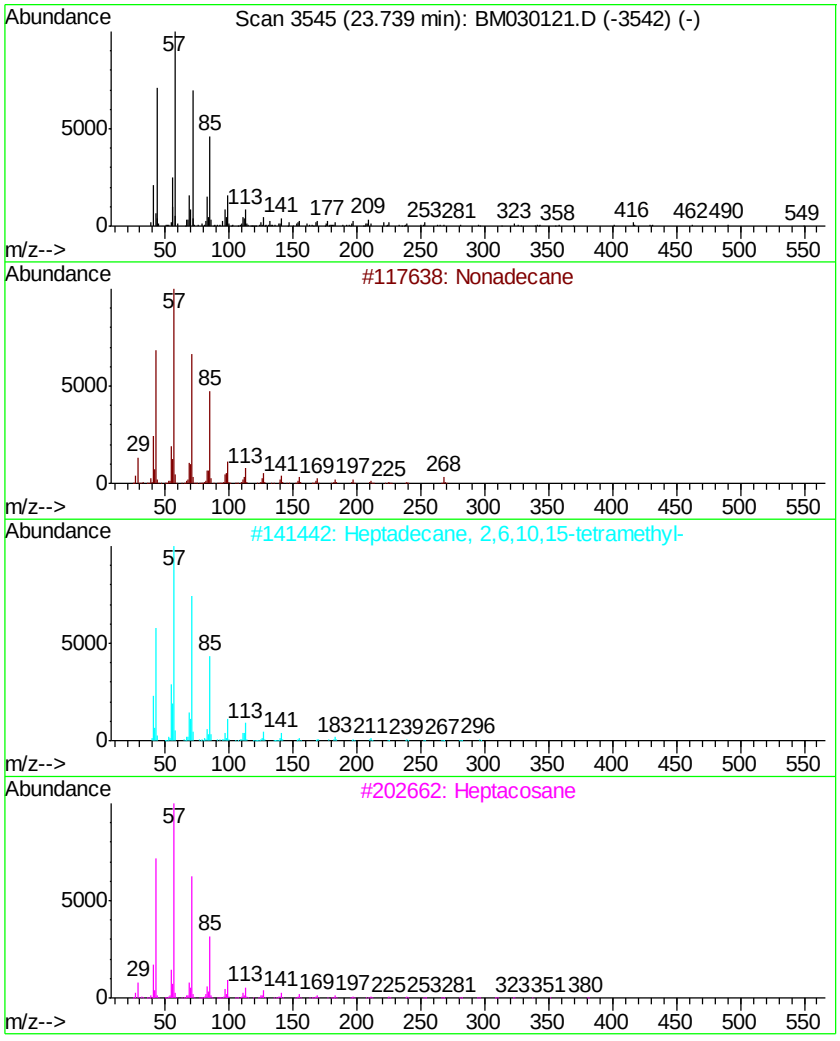
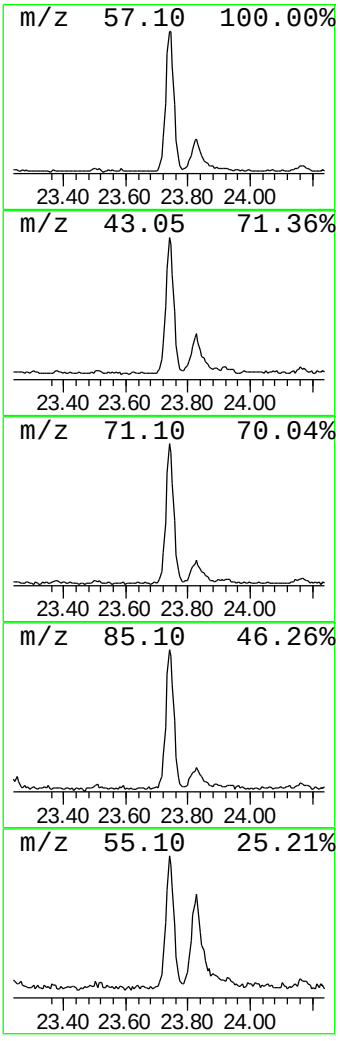
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.20 ng/ul	249317	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethylene	4.26	4.5	ng/ul	175430	1	7.51	777589	20.0
n-Hexadecanoic acid	17.82	2.2	ng/ul	197350	4	16.91	1793890	20.0
Trichloroacetic a...	20.83	6.0	ng/ul	508945	5	21.10	1710090	20.0
(DEL) Alkane: Str...	23.74	3.2	ng/ul	249317	6	23.24	1557510	20.0