LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013583.D
Acq On : 15 Jan 2018 13:59
Operator : SJ/JU
Sample : J1079-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJJ9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	3.169	27	31	35	rBV3	52577	78237	1.43%	0.155%
2	6.316	561	566	571	rVB4	43080	72461	1.32%	0.144%
3	6.804	642	649	660	rBV2	801390	1441523	26.30%	2.862%
4	6.963	671	676	686	rVB	596276	919874	16.78%	1.826%
5	7.157	702	709	716	rBV	826524	1276456	23.29%	2.534%
6	7.622	781	788	796	rBV	609100	955593	17.43%	1.897%
7	8.333	901	909	921	rBV	1009094	1603499	29.25%	3.183%
8	8.775	976	984	993	rBV	830836	1347702	24.58%	2.675%
9	9.492	1099	1106	1114	rBV	686332	1142381	20.84%	2.268%
10	10.027	1190	1197	1209	rBV	982185	1699927	31.01%	3.375%
11	10.398	1252	1260	1266	rBV	803523	1304406	23.80%	2.589%
12	10.545	1278	1285	1298	rBV	847592	1505023	27.45%	2.988%
13	13.092	1713	1718	1726	rVB3	36969	58856	1.07%	0.117%
14	13.692	1813	1820	1824	rBV	1662010	2373843	43.30%	4.712%
15	13.733	1824	1827	1835	rVB	433703	619076	11.29%	1.229%
16	13.962	1856	1866	1875	rBV	2072723	2937941	53.59%	5.832%
17	14.180	1898	1903	1908	rBV	97588	127543	2.33%	0.253%
18	14.274	1911	1919	1927	rBV2	1056088	1660823	30.30%	3.297%
19	14.492	1946	1956	1970	rBV	600102	1033430	18.85%	2.052%
20	15.086	2052	2057	2060	rBV	48825	72425	1.32%	0.144%
21	15.133	2061	2065	2071	rVB2	109677	143679	2.62%	0.285%
22	15.268	2082	2088	2095	rVB	2310109	3322635	60.61%	6.596%
23	15.404	2105	2111	2121	rBV	637144	928472	16.94%	1.843%
24	15.998	2206	2212	2220	rBV	92216	161478	2.95%	0.321%
25	16.792	2343	2347	2350	rBV2	66367	81034	1.48%	0.161%
26	17.021	2380	2386	2392	rBV2	1347571	1866741	34.05%	3.706%
27	17.121	2396	2403	2415	rVB2	2384270	3396599	61.96%	6.743%
28	17.527	2468	2472	2476	rBV	45695	54916	1.00%	0.109%
29	17.927	2535	2540	2551	rBV	261580	423135	7.72%	0.840%
30	18.221	2586	2590	2594	rBV4	54910	74837	1.37%	0.149%
31	19.062	2729	2733	2735	rBV3	42905	59094	1.08%	0.117%
32	19.092	2735	2738	2745	rVB2	53621	78444	1.43%	0.156%
33	19.215	2754	2759	2765	rBV2	160131	252209	4.60%	0.501%
34	19.421	2789	2794	2802	rBV	2599311	3605831	65.78%	7.158%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	19.486	2802	2805	2809	rVB3	68934	76902	1.40%	0.153%
36	20.362	2947	2954	2959	rBV8	59919	125253	2.28%	0.249%
37	20.909	3043	3047	3049	rBV2	83716	119692	2.18%	0.238%
38	20.939	3049	3052	3059	rVB2	323056	434777	7.93%	0.863%
39	21.144	3082	3087	3094	rBV	5174311	5481842	100.00%	10.882%
40	21.215	3094	3099	3109	rVV	1460897	2029931	37.03%	4.030%
41	22.756	3358	3361	3366	rBV6	59711	94430	1.72%	0.187%
42	23.280	3444	3450	3461	rVB2	1851016	3529052	64.38%	7.006%
43	23.421	3468	3474	3482	rVB	1004056	1802347	32.88%	3.578%

Sum of corrected areas: 50374349

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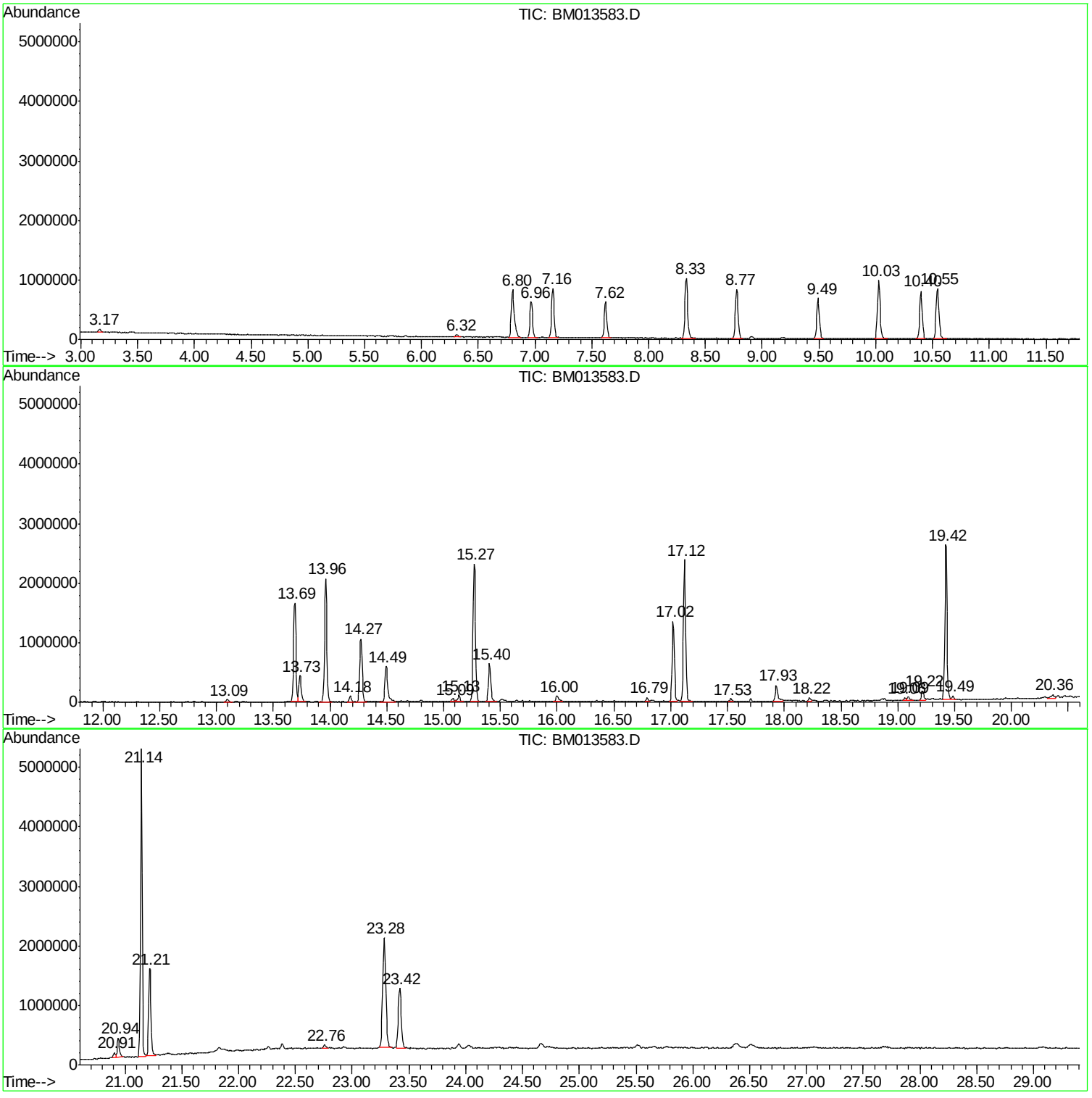
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013583.D
Acq On : 15 Jan 2018 13:59
Operator : SJ/JU
Sample : J1079-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJJ9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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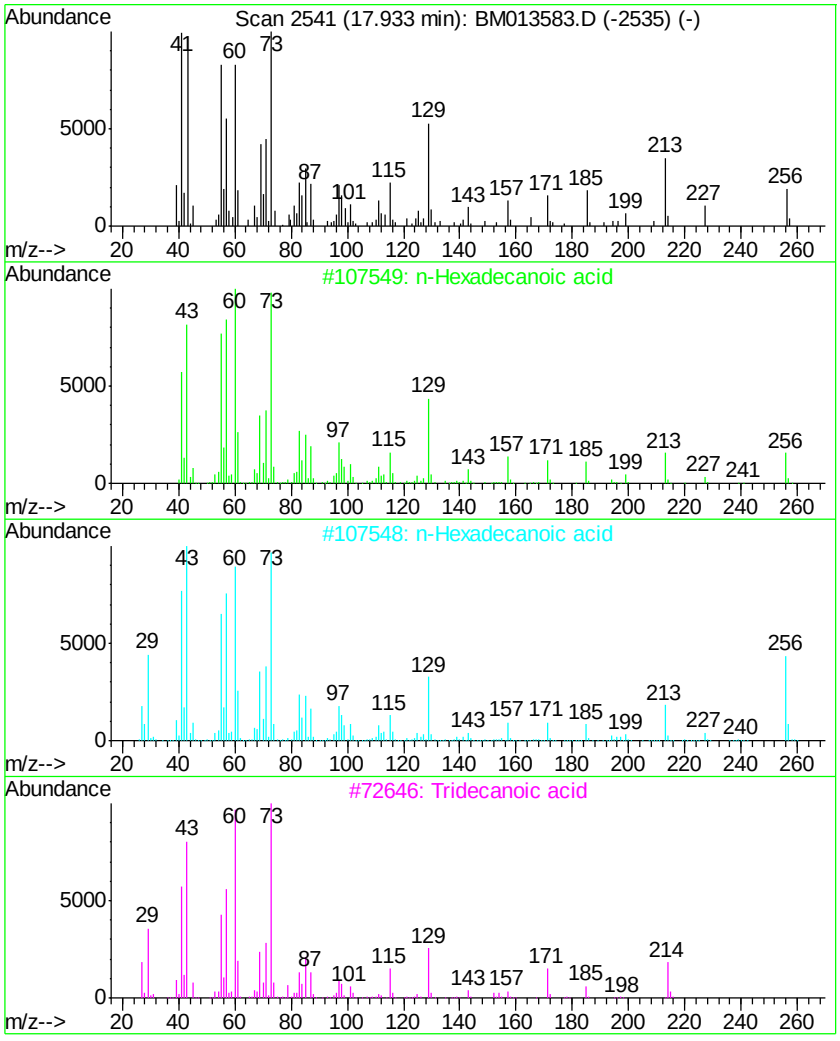
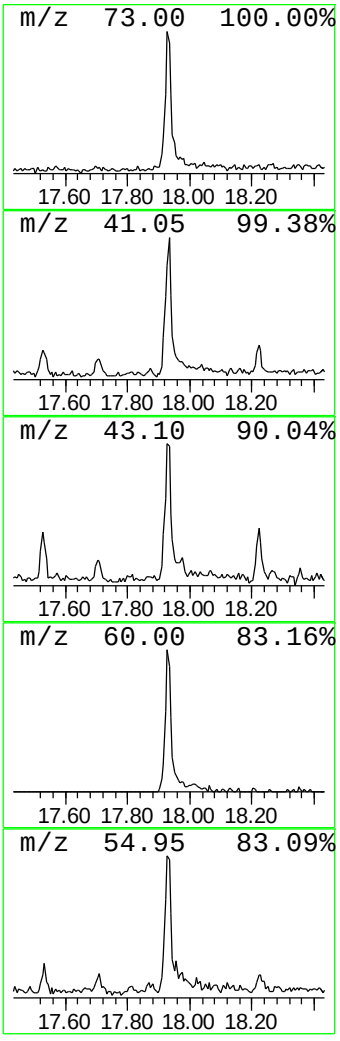
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.53 ng/ul	423135	Phenanthrene-d10	17.02

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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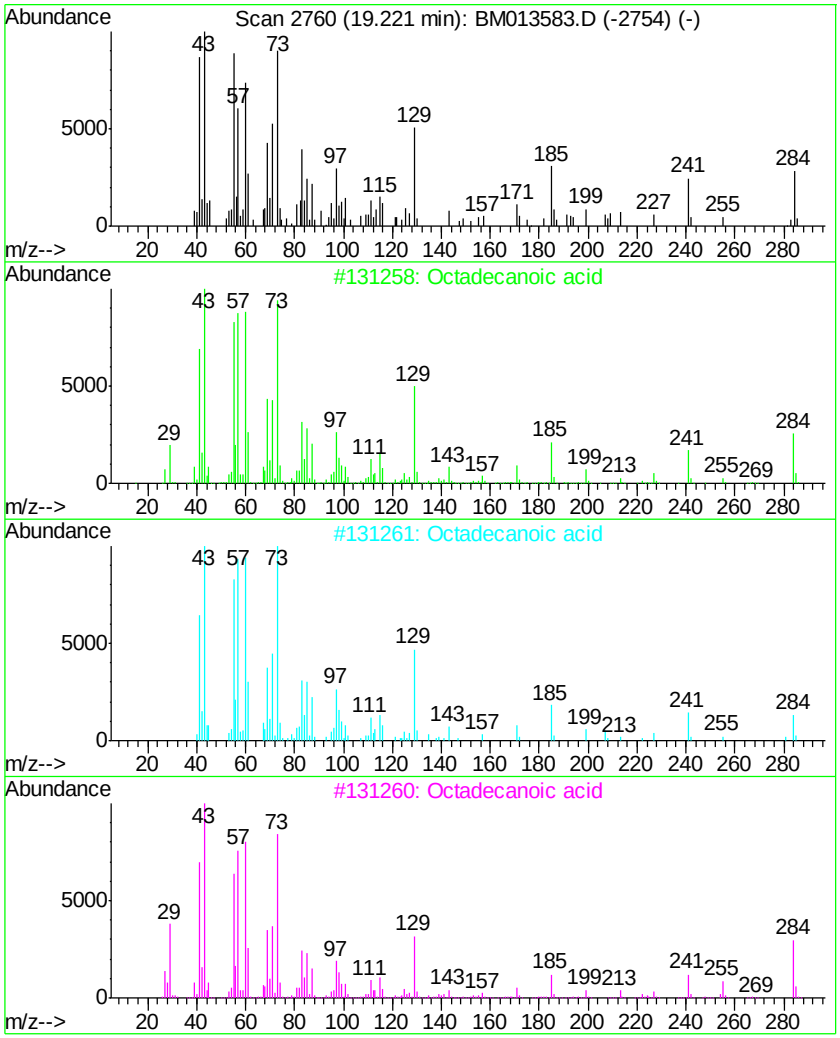
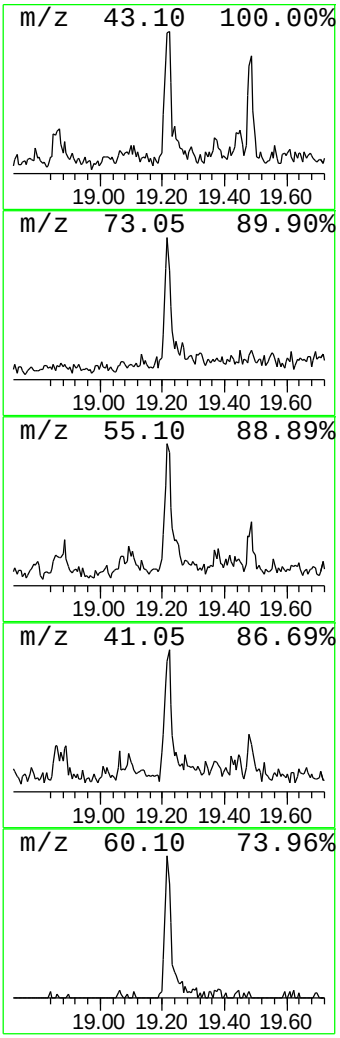
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.48 ng/ul	252209	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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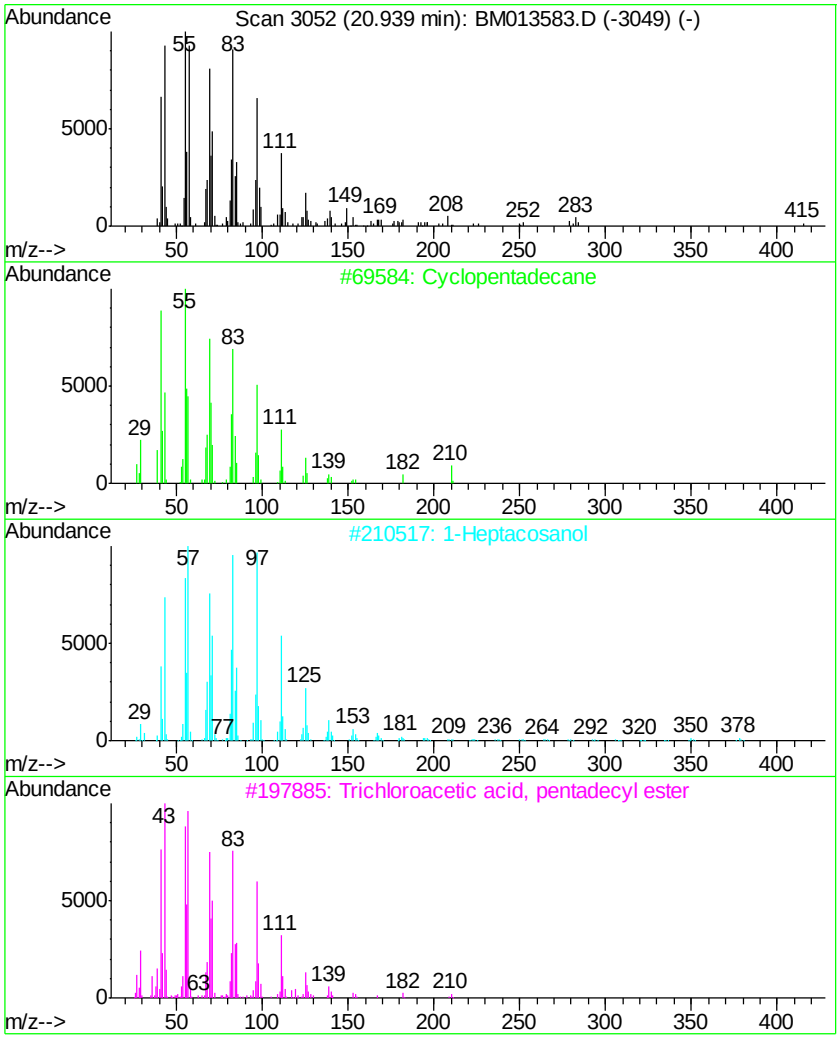
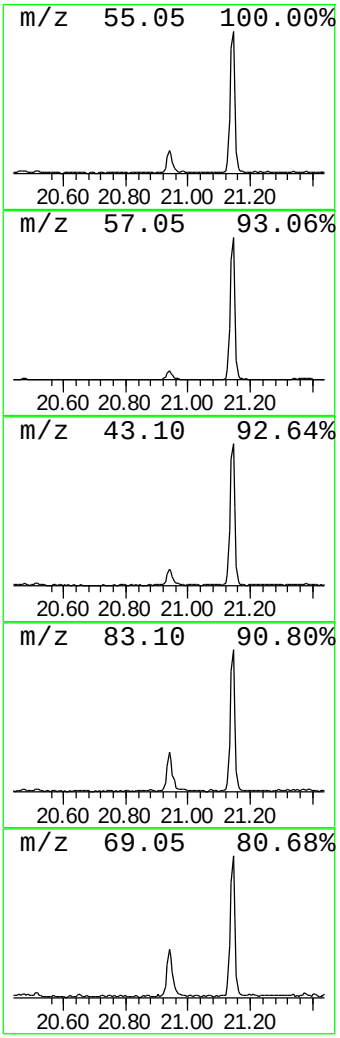
Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.28 ng/ul	434777	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.93	4.5	ng/ul	423135	4	17.02	1866740	20.0
Octadecanoic acid	19.22	2.5	ng/ul	252209	5	21.22	2029930	20.0
(DEL) Alkane: Cyc...	20.94	4.3	ng/ul	434777	5	21.22	2029930	20.0