LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014957.D
Acq On : 03 May 2018 23:51
Operator : SJ/JU
Sample : J2554-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF1

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-BM041918.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	3.334	4	8	16	rVB	2681856	3624599	65.53%	4.560%
2	3.640	56	60	66	rBV	73128	101480	1.83%	0.128%
3	4.228	156	160	167	rVB	60717	86192	1.56%	0.108%
4	5.481	368	373	381	rVB2	32486	58641	1.06%	0.074%
5	6.504	543	547	556	rVB	36521	59437	1.07%	0.075%
6	7.616	729	736	749	rBV	1150112	1984790	35.88%	2.497%
7	7.792	759	766	775	rBV	888281	1443366	26.09%	1.816%
8	8.010	796	803	811	rBV	1169880	1931375	34.92%	2.430%
9	8.492	878	885	900	rBV	1661851	2736568	49.47%	3.443%
10	9.186	997	1003	1014	rBV	1147475	1958246	35.40%	2.463%
11	9.675	1076	1086	1094	rBV	1024654	1744599	31.54%	2.195%
12	10.404	1200	1210	1219	rBV	788324	1367682	24.73%	1.721%
13	10.939	1294	1301	1311	rBV	1245606	2082128	37.64%	2.619%
14	11.333	1361	1368	1376	rBV	2172184	3644855	65.89%	4.585%
15	11.457	1382	1389	1409	rBV	1053468	1883510	34.05%	2.369%
16	13.892	1799	1803	1808	rBV	49692	66182	1.20%	0.083%
17	14.486	1895	1904	1908	rBV	2020524	2699778	48.81%	3.396%
18	14.533	1908	1912	1917	rVB	504532	695464	12.57%	0.875%
19	14.798	1950	1957	1967	rBV	2248356	3392871	61.34%	4.268%
20	14.945	1974	1982	1987	rBV	170506	220807	3.99%	0.278%
21	15.098	1999	2008	2015	rBV2	2562450	4104401	74.20%	5.163%
22	15.157	2015	2018	2023	rVB	60671	86895	1.57%	0.109%
23	15.257	2029	2035	2048	rBV	739975	1176866	21.28%	1.480%
24	15.486	2071	2074	2081	rVB3	47262	73477	1.33%	0.092%
25	15.845	2130	2135	2138	rBV	48506	67270	1.22%	0.085%
26	15.886	2138	2142	2147	rVB	210769	272279	4.92%	0.343%
27	16.074	2167	2174	2180	rBV	2784359	3943825	71.30%	4.961%
28	16.174	2186	2191	2200	rVB	664795	934432	16.89%	1.176%
29	16.286	2202	2210	2213	rBV	51432	112927	2.04%	0.142%
30	16.733	2282	2286	2294	rBV	173263	290781	5.26%	0.366%
31	17.521	2416	2420	2424	rBV	98020	132169	2.39%	0.166%
32	17.809	2462	2469	2473	rBV	3015705	4304599	77.82%	5.415%
33	17.851	2473	2476	2480	rVV	575704	796418	14.40%	1.002%
34	17.909	2480	2486	2498	rVB	2719089	4179418	75.56%	5.258%

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ClientSampleId : C0AF1

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-BM041918.M
Title : SVOA CALIBRATION

35	18.198	2531	2535	2540	rVV	53597	77653	1.40%	0.098%
36	18.245	2540	2543	2548	rVB	53997	65657	1.19%	0.083%
37	18.527	2586	2591	2596	rBV5	40894	62396	1.13%	0.078%
38	18.580	2596	2600	2604	rBV	61326	83130	1.50%	0.105%
39	18.639	2604	2610	2619	rBV2	942439	1404860	25.40%	1.767%
40	18.715	2620	2623	2628	rVB2	85248	131405	2.38%	0.165%
41	18.862	2641	2648	2652	rBV3	107311	221533	4.00%	0.279%
42	19.550	2761	2765	2771	rBV6	29416	64571	1.17%	0.081%
43	19.815	2803	2810	2816	rVB	1127703	1573478	28.45%	1.979%
44	19.880	2816	2821	2828	rBV	458458	687494	12.43%	0.865%
45	19.939	2828	2831	2835	rVB3	65197	86037	1.56%	0.108%
46	20.145	2860	2866	2870	rBV	3454305	5217414	94.32%	6.563%
47	20.597	2940	2943	2944	rBV3	52427	60334	1.09%	0.076%
48	20.750	2966	2969	2972	rVB	89293	94714	1.71%	0.119%
49	21.556	3102	3106	3113	rVB3	1149494	1587757	28.70%	1.997%
50	21.897	3158	3164	3168	rBV2	3698372	5531547	100.00%	6.959%
51	21.939	3168	3171	3178	rVB	513138	678357	12.26%	0.853%
52	23.615	3451	3456	3462	rBV2	477582	1155565	20.89%	1.454%
53	24.215	3552	3558	3564	rVB	2105243	3810058	68.88%	4.793%
54	24.374	3579	3585	3592	rBV2	2279489	4639905	83.88%	5.837%

Sum of corrected areas: 79492192

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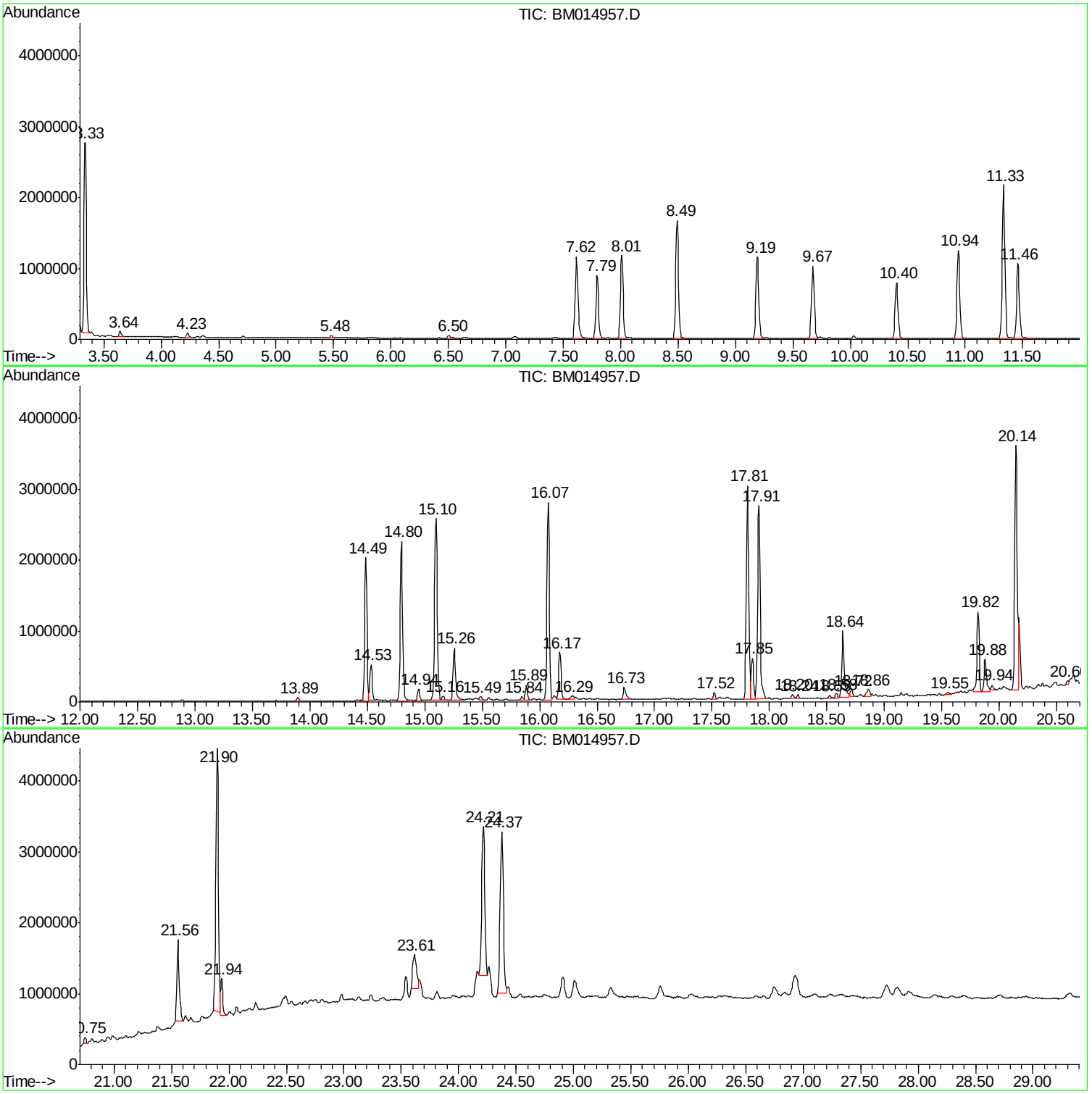
Instrument :
BNA_M
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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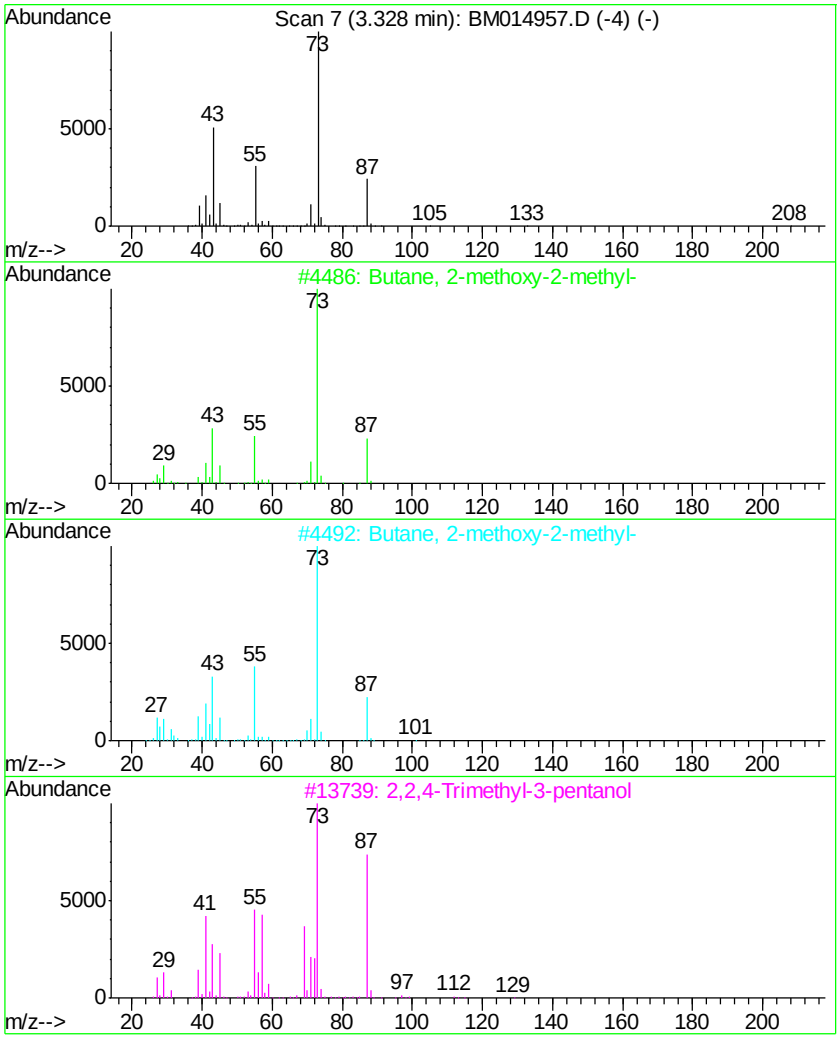
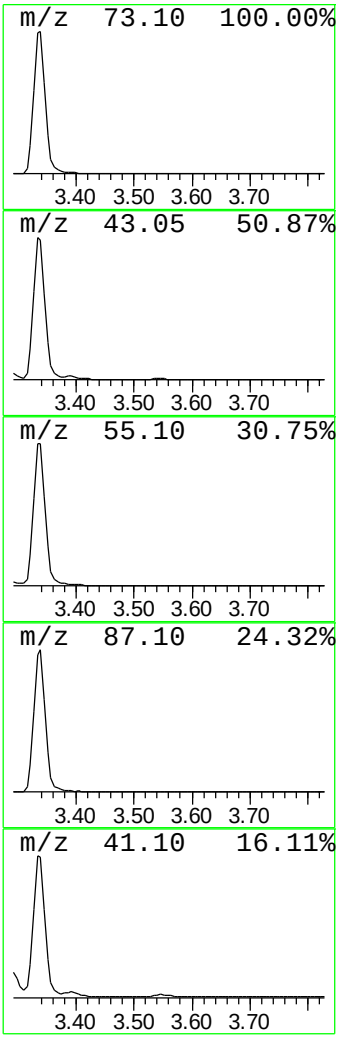
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	26.49 ng/ul	3624600	1,4-Dichlorobenzene-d4	8.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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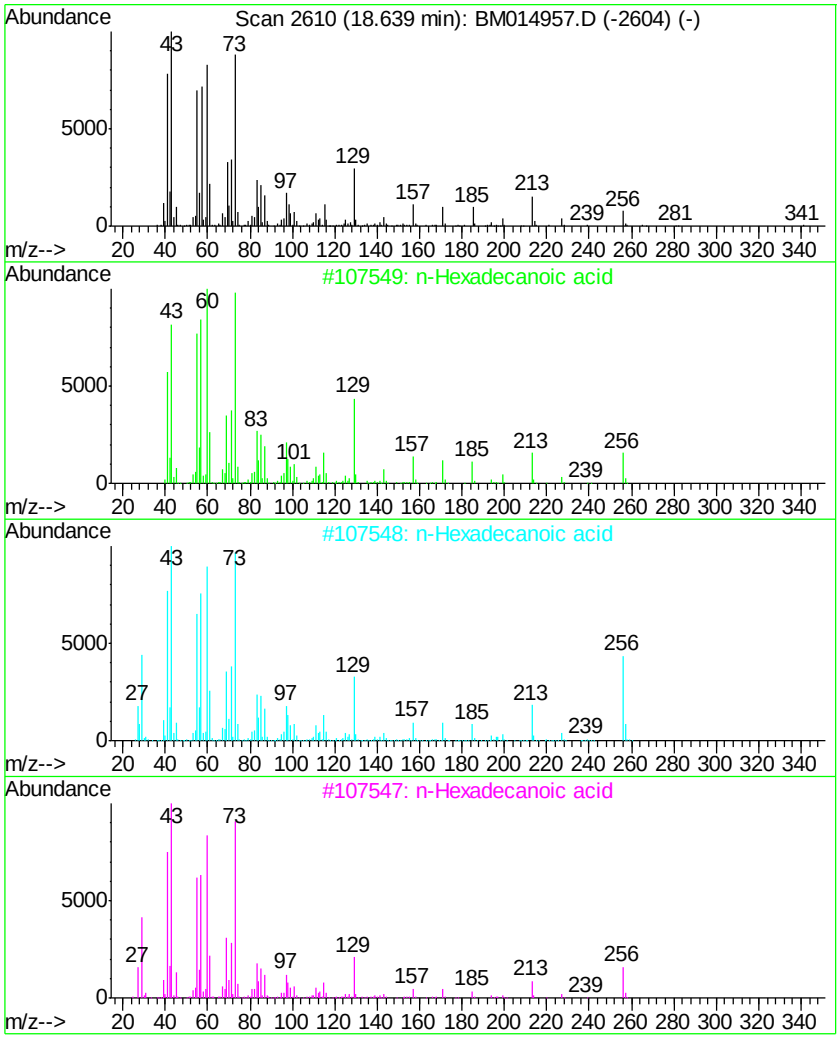
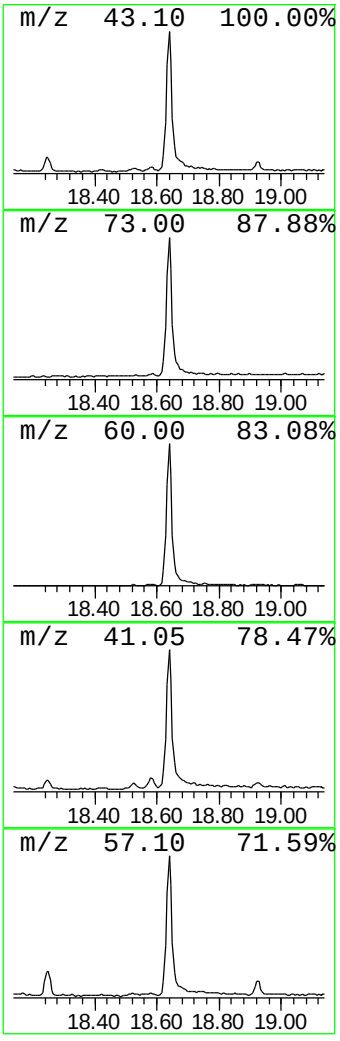
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	6.53 ng/ul	1404860	Phenanthrene-d10	17.81

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	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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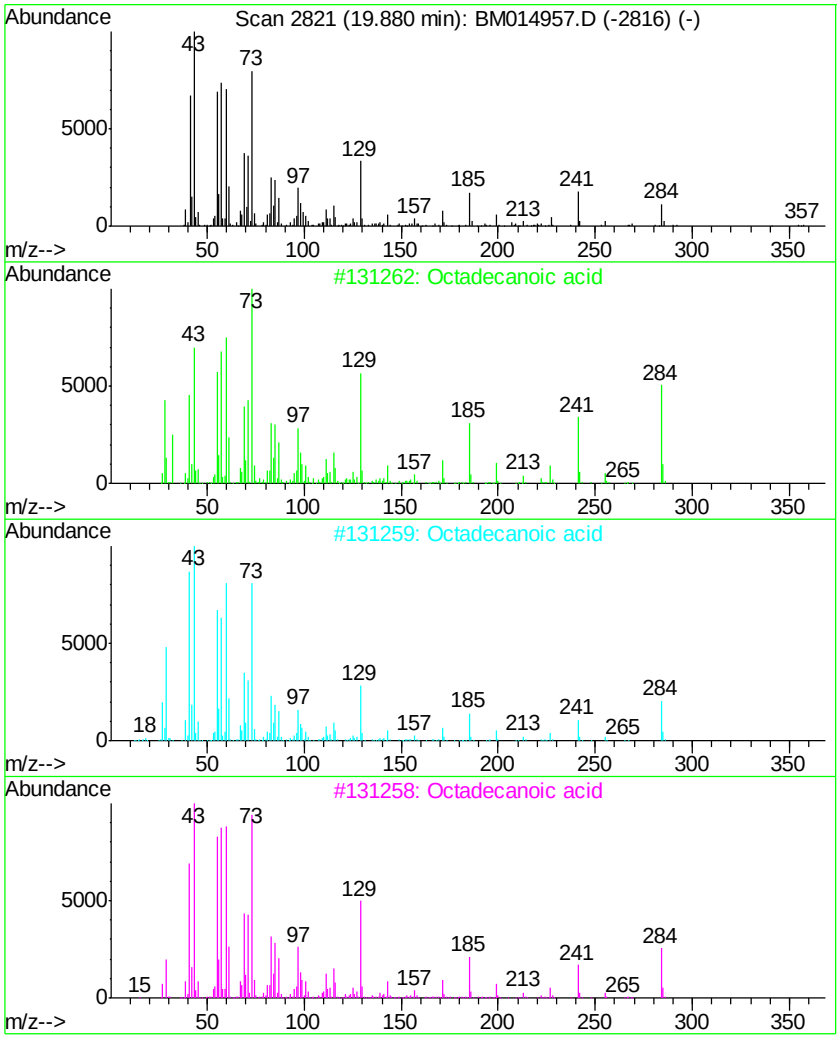
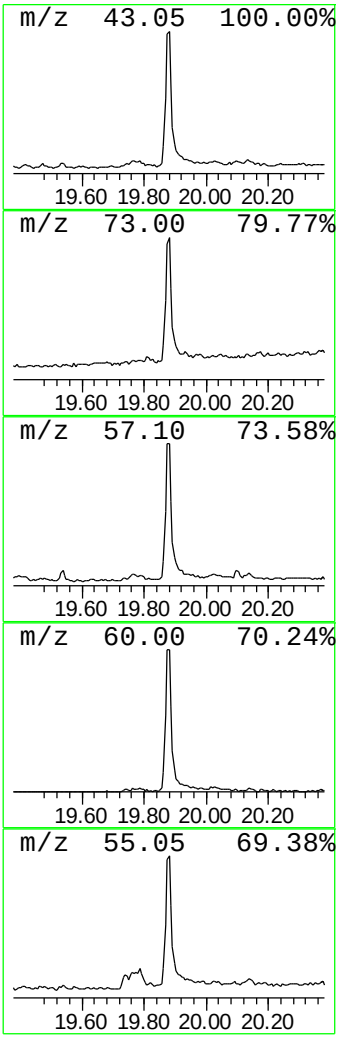
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.49 ng/ul	687494	Chrysene-d12	21.90

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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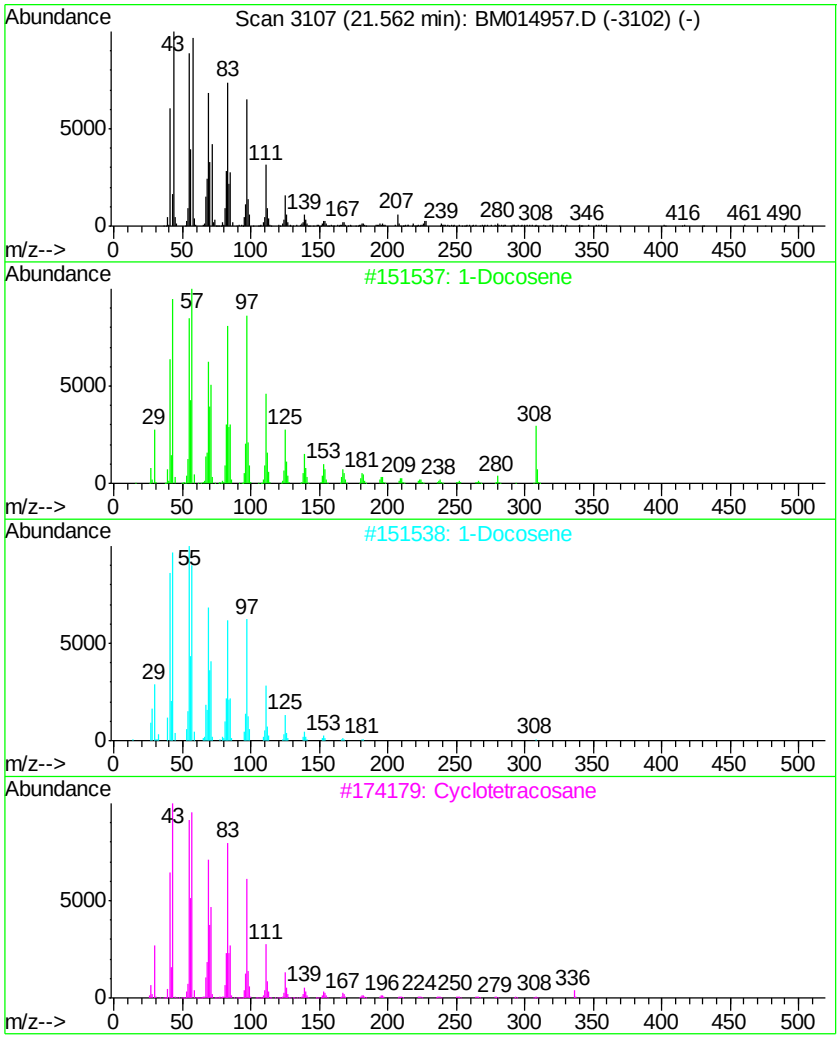
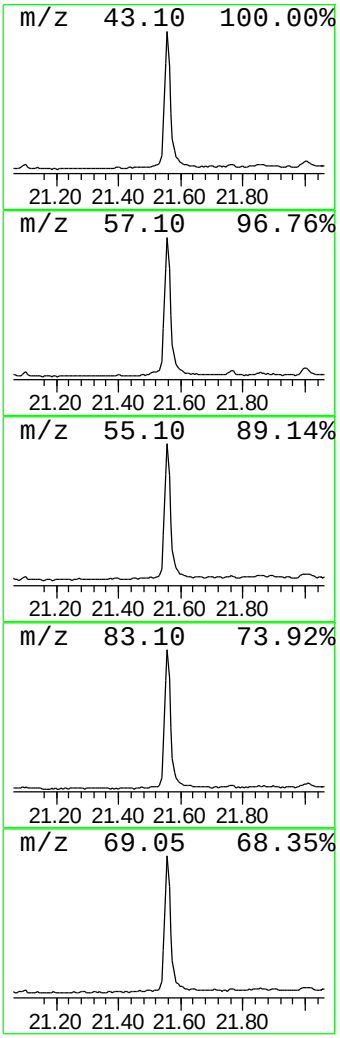
Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	5.74 ng/ul	1587760	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	1-Docosene	308	C22H44	001599-67-3	95
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	26.5	ng/ul	3624600	1	8.49	2736570	20.0
n-Hexadecanoic acid	18.64	6.5	ng/ul	1404860	4	17.81	4304600	20.0
Octadecanoic acid	19.88	2.5	ng/ul	687494	5	21.90	5531550	20.0
(DEL) Alkane: Cyc...	21.56	5.7	ng/ul	1587760	5	21.90	5531550	20.0