LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013119.D
Acq On : 27 Nov 2017 20:13
Operator : SJ/JU
Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

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-BM111617.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	6.893	640	647	661	rVB2	837407	1508839	24.01%	2.093%
2	7.051	667	674	682	rVB	634921	978927	15.58%	1.358%
3	7.245	701	707	717	rVB	855969	1353527	21.54%	1.877%
4	7.710	779	786	793	rBV	839510	1349338	21.47%	1.872%
5	8.422	900	907	915	rBV	1109258	1756489	27.95%	2.436%
6	8.857	972	981	989	rBV	895356	1451004	23.09%	2.013%
7	9.575	1096	1103	1115	rVB	774498	1258315	20.03%	1.745%
8	10.122	1189	1196	1213	rVB	1129595	1933362	30.77%	2.682%
9	10.486	1250	1258	1272	rVB	1218810	2027829	32.27%	2.813%
10	10.628	1275	1282	1296	rBV	800359	1412745	22.48%	1.960%
11	13.175	1710	1715	1722	rVB	58898	82017	1.31%	0.114%
12	13.763	1808	1815	1819	rBV	2424130	3268365	52.01%	4.533%
13	13.810	1819	1823	1831	rVB	358901	505085	8.04%	0.701%
14	14.039	1851	1862	1872	rBV	2535424	3700834	58.90%	5.133%
15	14.257	1893	1899	1903	rBV	155260	187294	2.98%	0.260%
16	14.345	1906	1914	1922	rBV3	1799106	2870444	45.68%	3.982%
17	14.569	1941	1952	1966	rBV	1177526	1802813	28.69%	2.501%
18	15.210	2057	2061	2066	rVB	170704	209525	3.33%	0.291%
19	15.345	2076	2084	2090	rVB	3190827	4559829	72.57%	6.325%
20	15.463	2097	2104	2111	rBV	1044722	1443521	22.97%	2.002%
21	15.580	2118	2124	2127	rBV3	40954	69928	1.11%	0.097%
22	16.074	2203	2208	2216	rBV	154558	250741	3.99%	0.348%
23	16.510	2274	2282	2285	rBV5	62289	85458	1.36%	0.119%
24	16.868	2339	2343	2347	rBV2	96674	123324	1.96%	0.171%
25	17.092	2375	2381	2386	rBV2	2546196	3574195	56.88%	4.958%
26	17.133	2386	2388	2392	rVV	68250	100644	1.60%	0.140%
27	17.192	2392	2398	2408	rVB	3693552	5150908	81.98%	7.145%
28	18.004	2530	2536	2545	rBV	1556701	2100269	33.43%	2.913%
29	18.298	2582	2586	2594	rVB	32720	65526	1.04%	0.091%
30	19.121	2720	2726	2727	rBV2	58241	83600	1.33%	0.116%
31	19.151	2727	2731	2736	rVV2	123624	219779	3.50%	0.305%
32	19.286	2750	2754	2766	rBV	1116285	1494876	23.79%	2.073%
33	19.368	2766	2768	2776	rVB	62851	97902	1.56%	0.136%
34	19.486	2782	2788	2797	rBV	4526251	6283505	100.00%	8.716%

LSC Area Percent Report

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Data File : BM013119.D
Acq On : 27 Nov 2017 20:13
Operator : SJ/JU
Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

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-BM111617.M
Title : SVOA CALIBRATION

35	20.274	2919	2922	2926	rBV5	47211	70856	1.13%	0.098%
36	20.374	2935	2939	2943	rBV4	51908	77776	1.24%	0.108%
37	20.421	2945	2947	2954	rVV8	48222	73358	1.17%	0.102%
38	20.609	2974	2979	2985	rBV	586039	766751	12.20%	1.064%
39	21.003	3041	3046	3052	rBV	673731	868884	13.83%	1.205%
40	21.203	3077	3080	3084	rVB2	82103	91882	1.46%	0.127%
41	21.280	3087	3093	3098	rBV	3324268	4380441	69.71%	6.076%
42	21.880	3191	3195	3205	rVB4	324939	651569	10.37%	0.904%
43	22.844	3354	3359	3362	rBV	326239	486294	7.74%	0.675%
44	22.886	3362	3366	3375	rVB2	519258	862888	13.73%	1.197%
45	23.368	3440	3448	3453	rBV	2990178	5555241	88.41%	7.706%
46	23.509	3464	3472	3483	rVB	1875034	3662487	58.29%	5.080%
47	23.721	3504	3508	3516	rVB4	179805	312154	4.97%	0.433%
48	24.056	3561	3565	3573	rVB2	224538	403312	6.42%	0.559%
49	24.139	3574	3579	3586	rBV5	226222	469808	7.48%	0.652%

Sum of corrected areas: 72094458

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Instrument : BNA_M
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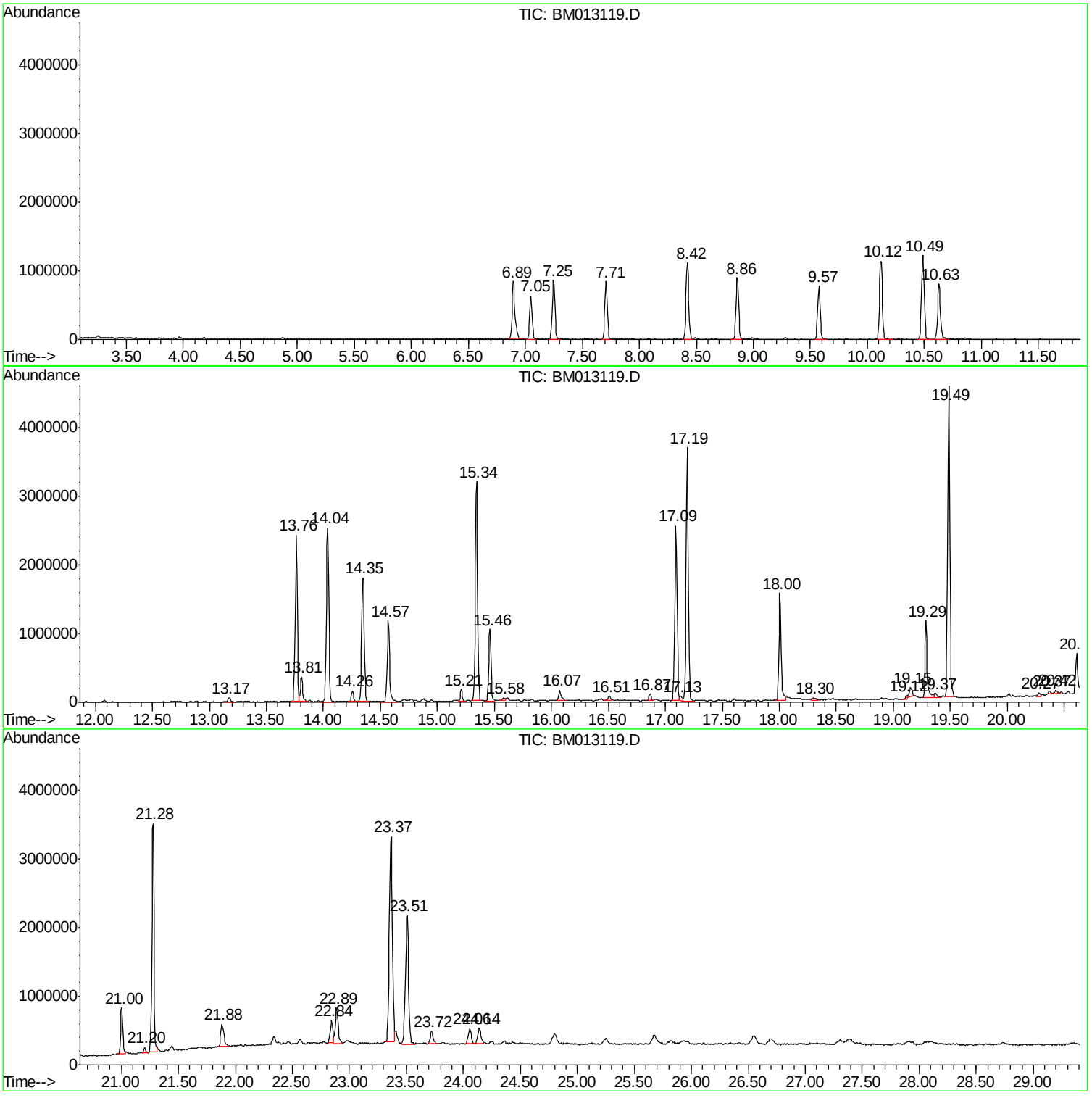
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

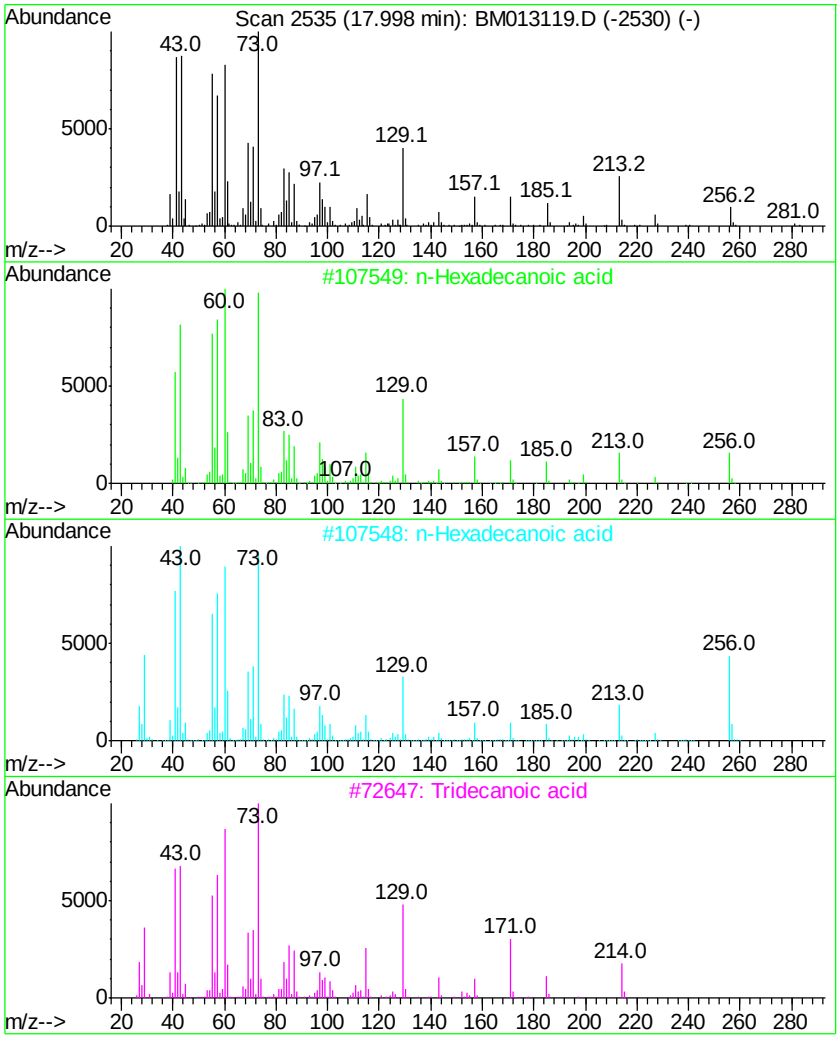
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

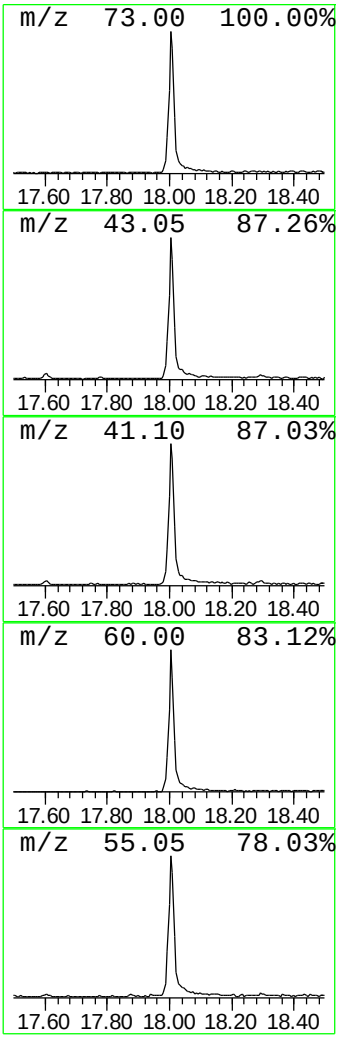
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.75 ng/ul	2100270	Phenanthrene-d10	17.09

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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

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Data File : BM013119.D
Acq On : 27 Nov 2017 20:13
Operator : SJ/JU
Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

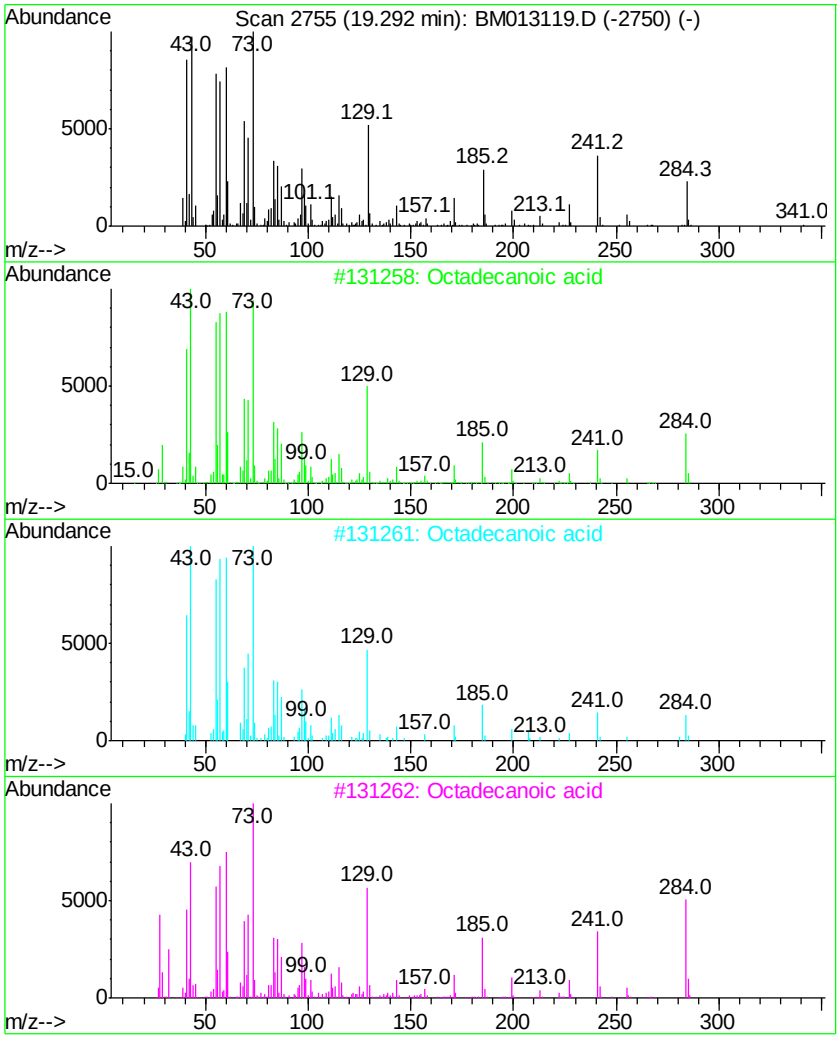
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

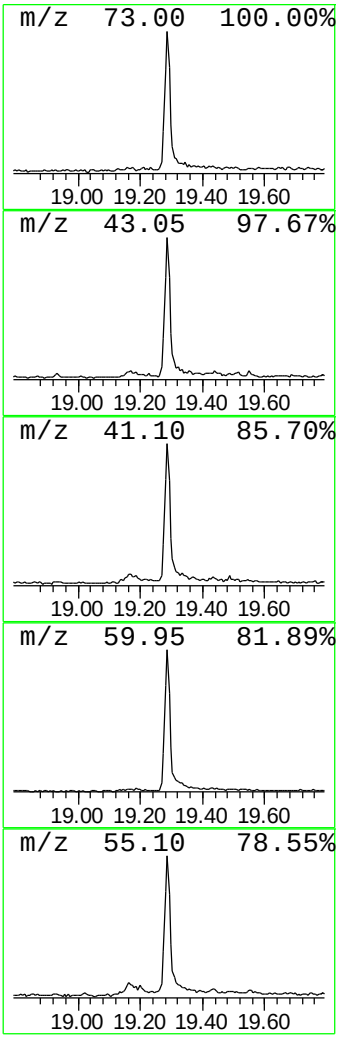
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	6.83 ng/ul	1494880	Chrysene-d12	21.28

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	98
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013119.D
Acq On : 27 Nov 2017 20:13
Operator : SJ/JU
Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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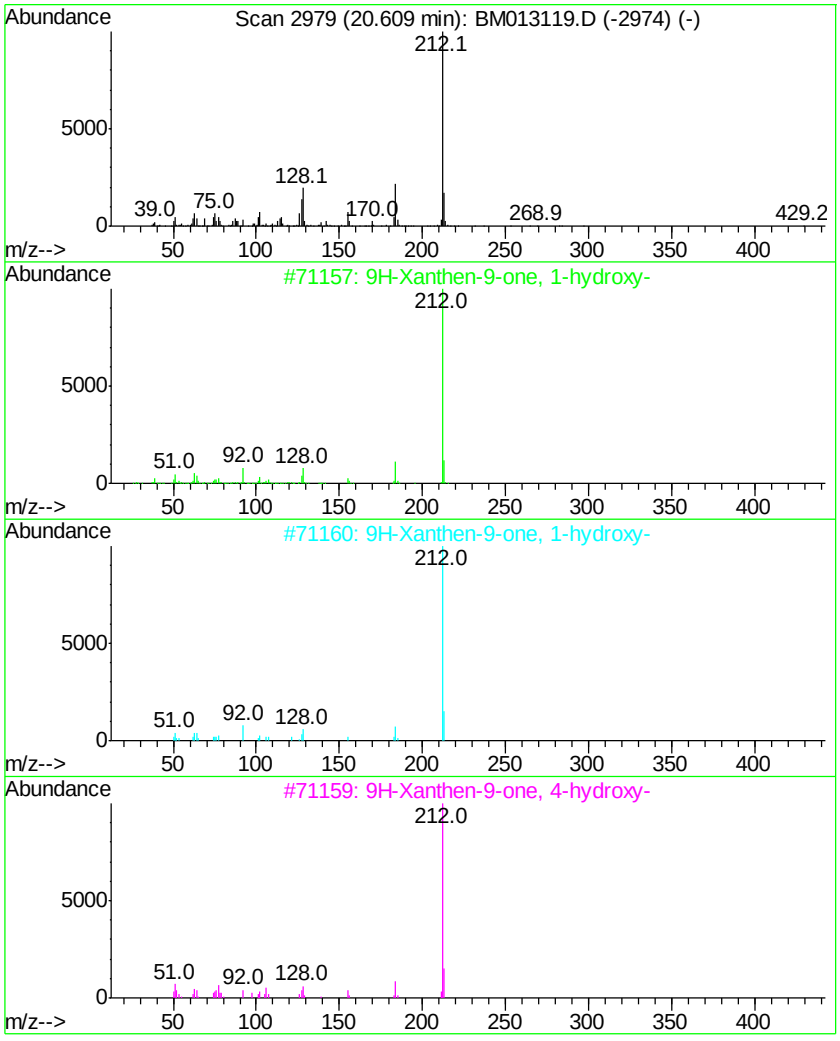
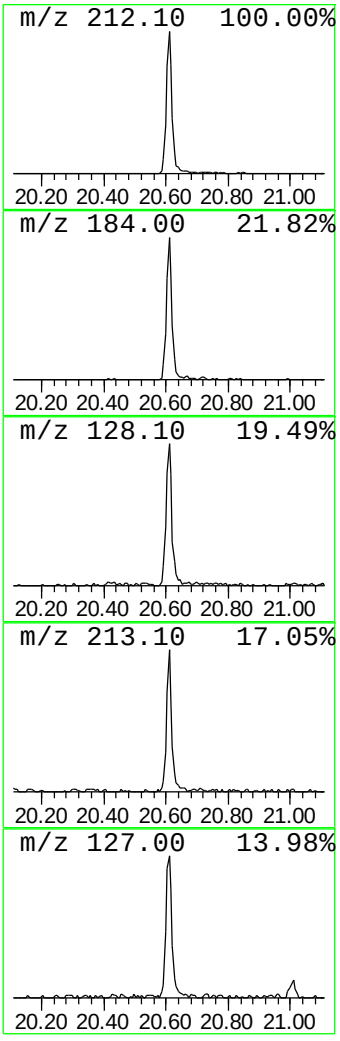
Peak Number 3 9H-Xanthen-9-one, 1-hydroxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	3.50 ng/ul	766751	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	90
2	9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	90
3	9H-Xanthen-9-one, 4-hydroxy-	212	C13H8O3	014686-63-6	90
4	9H-Xanthen-9-one, 2-hydroxy-	212	C13H8O3	001915-98-6	87
5	2-Methyl-3,4-quinolinedicarboxyl...	212	C12H8N2O2	027295-64-3	72





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Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

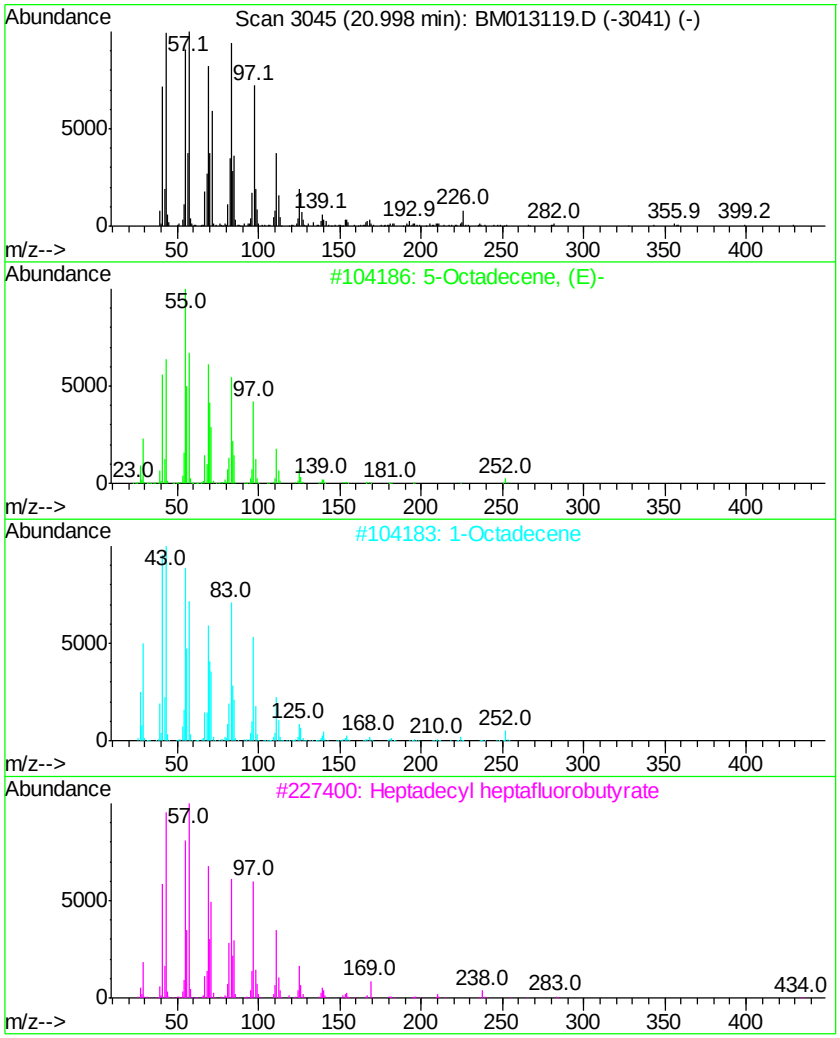
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

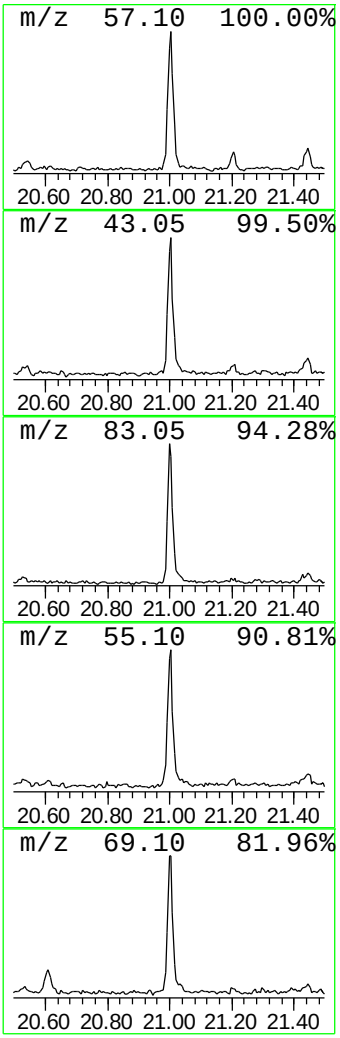
****

Peak Number 4 (DEL) Alkane: Cyclic21.00 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.97 ng/ul	868884	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	1-Octadecene	252	C18H36	000112-88-9	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





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Acq On : 27 Nov 2017 20:13
Operator : SJ/JU
Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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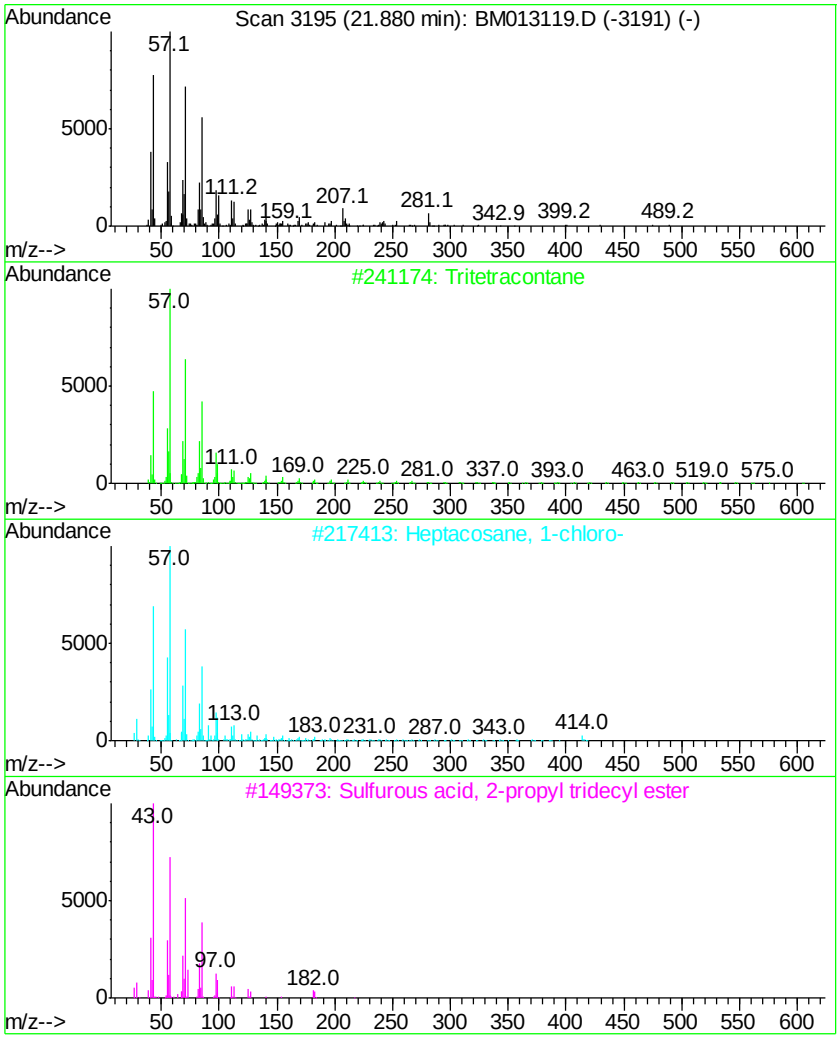
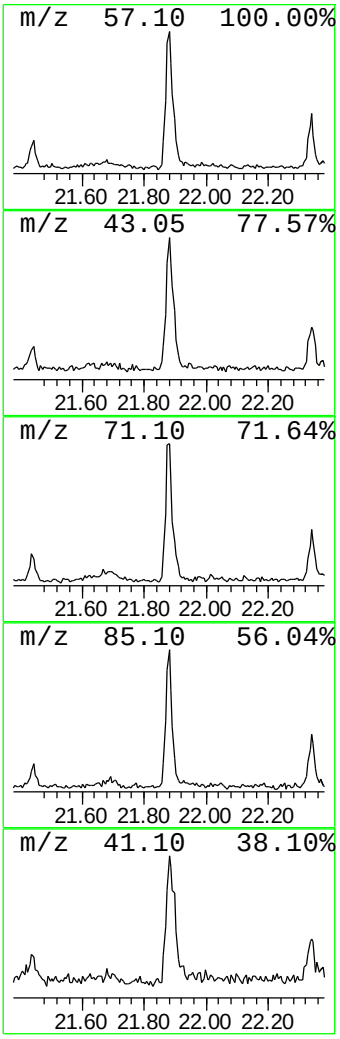
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.97 ng/ul	651569	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane	240	C17H36	000629-78-7	89





Library Search Compound Report

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Data File : BM013119.D
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Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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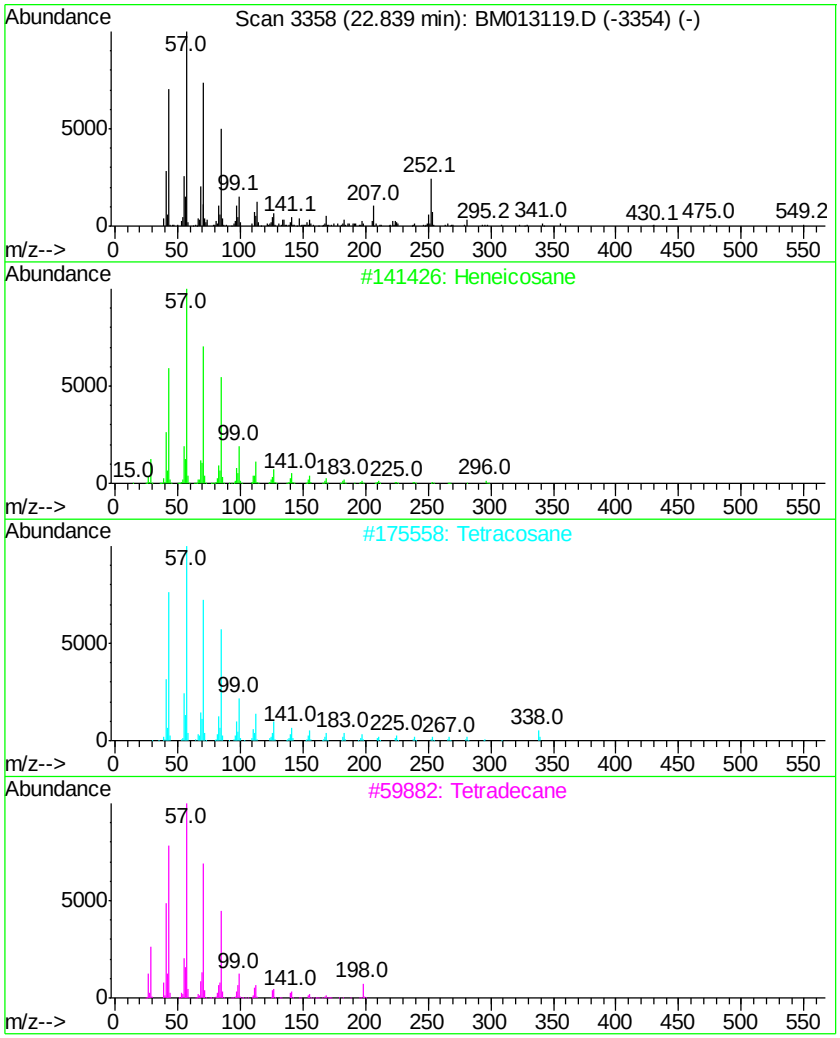
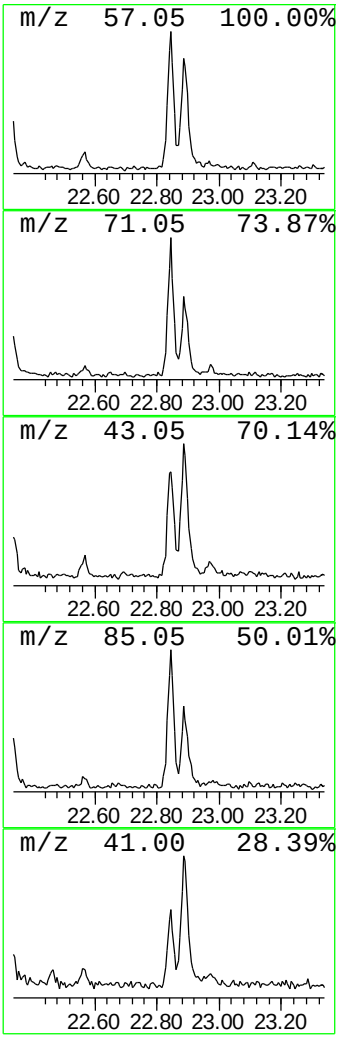
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.66 ng/ul	486294	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5	Docosane	310	C22H46	000629-97-0	74





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Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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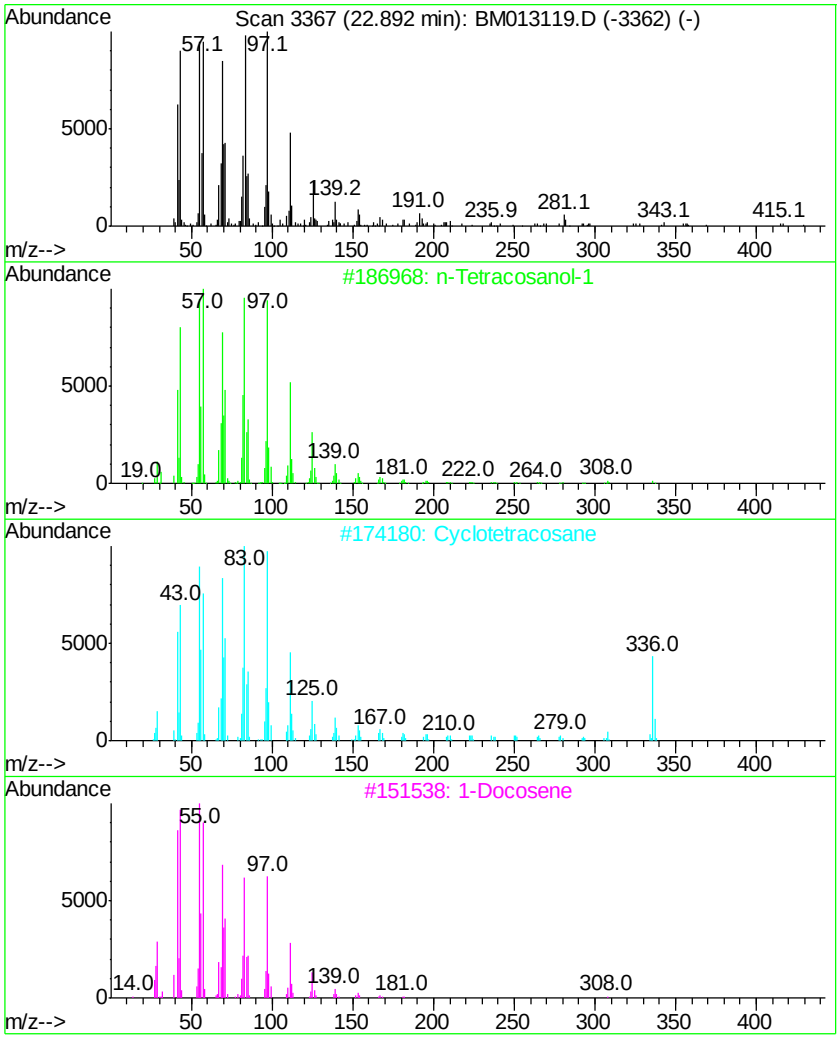
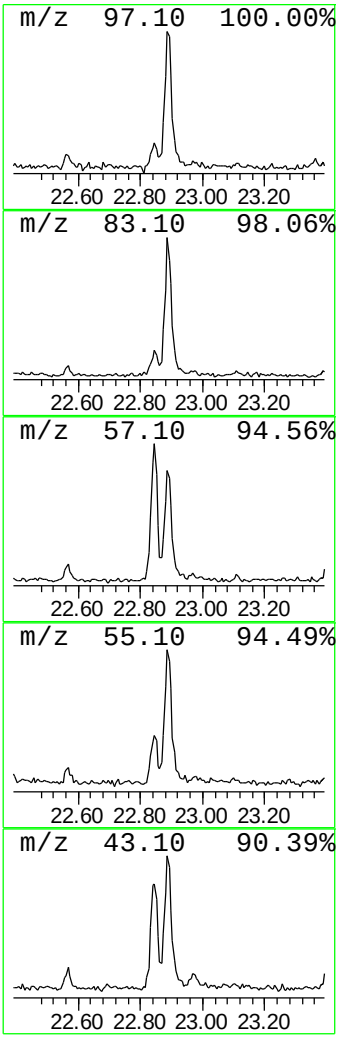
Peak Number 7 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	4.71 ng/ul	862888	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Cyclotetracosane	336	C24H48	000297-03-0	89
3	1-Docosene	308	C22H44	001599-67-3	78
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	68
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	62





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Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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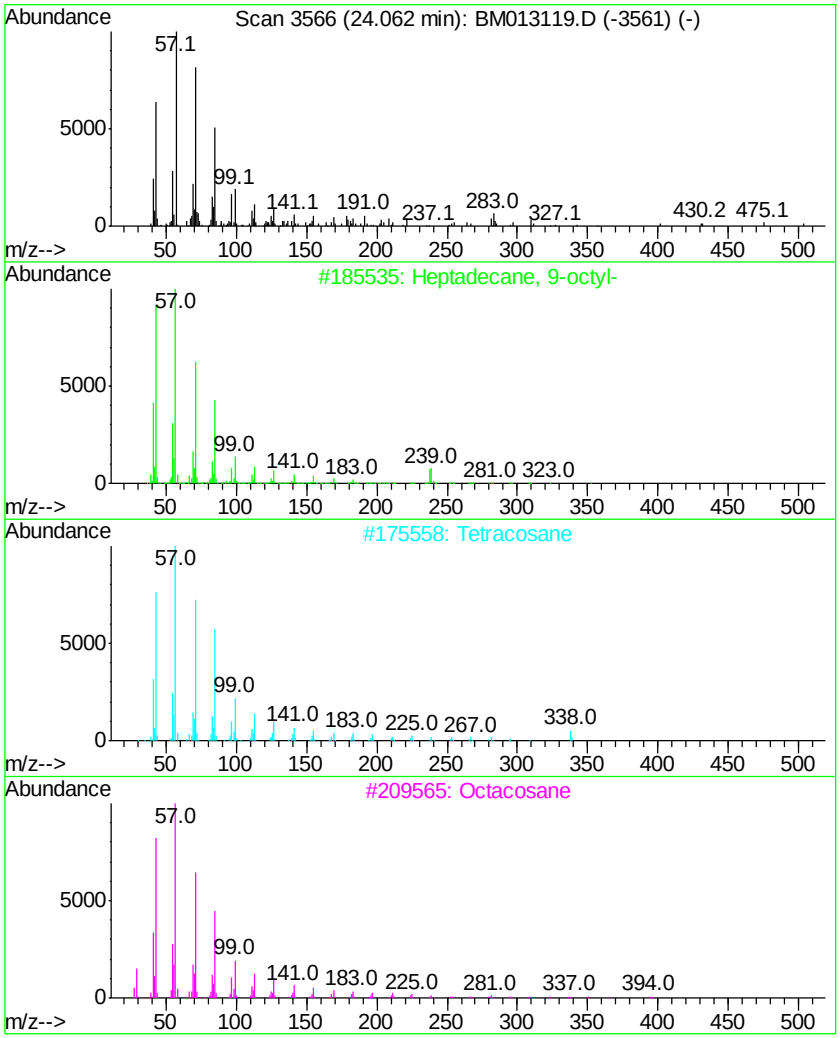
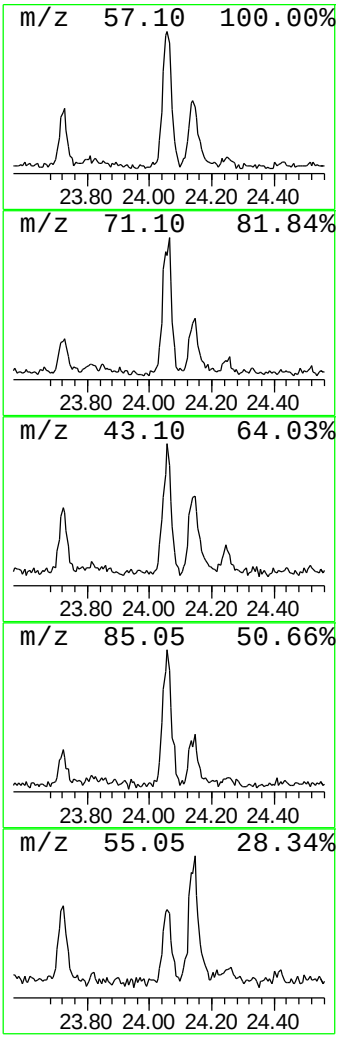
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.20 ng/ul	403312	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexacosane	366	C26H54	000630-01-3	83





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Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

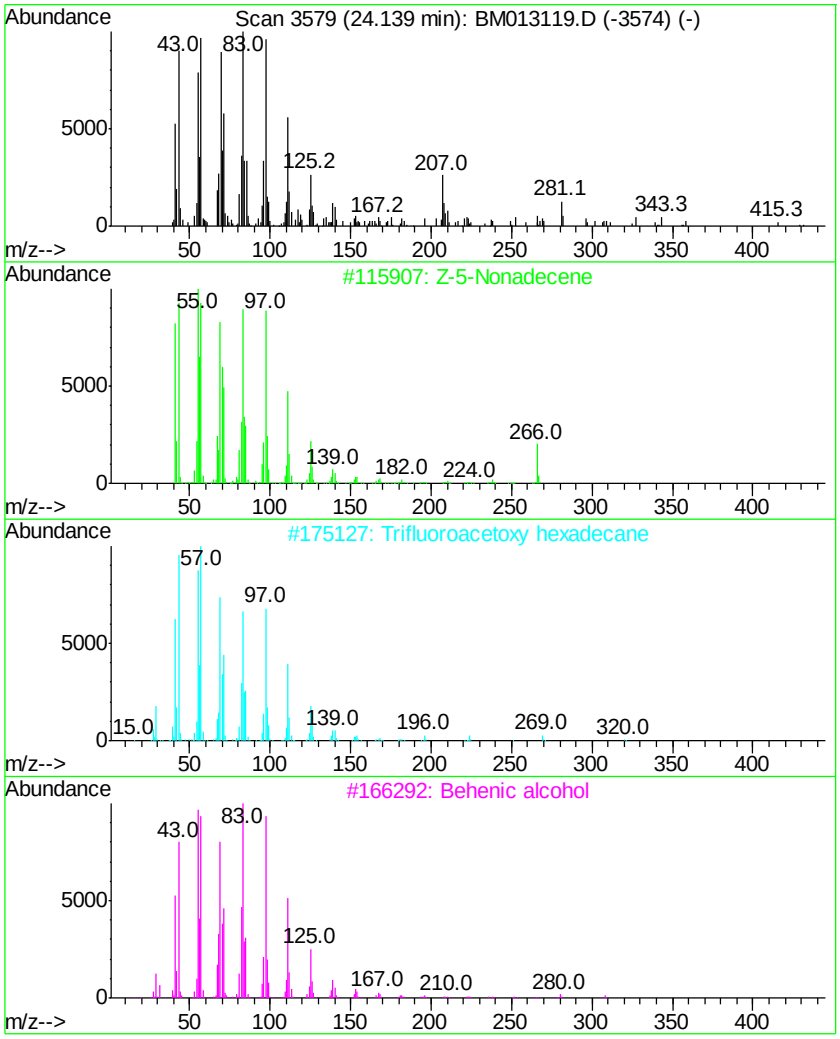
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

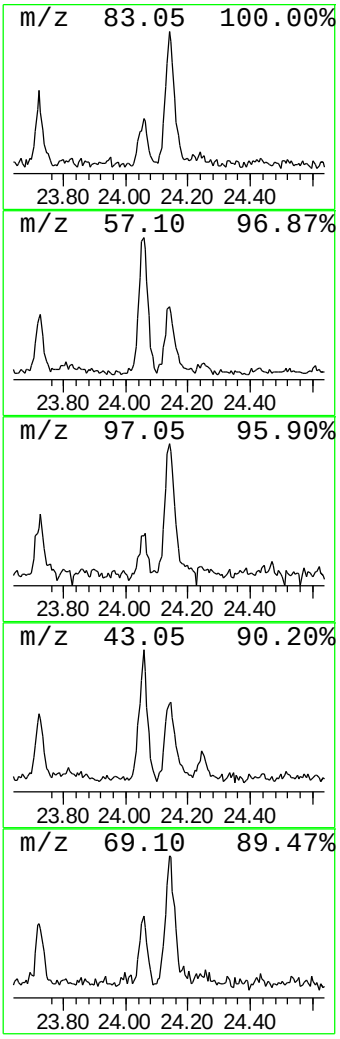
****

Peak Number 9 (DEL) Alkane: Cyclic24.14 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.57 ng/ul	469808	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
3	Behenic alcohol	326	C22H46O	000661-19-8	87
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	1-Nonadecene	266	C19H38	018435-45-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112717\
Data File : BM013119.D
Acq On : 27 Nov 2017 20:13
Operator : SJ/JU
Sample : I6496-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	11.8	ng/ul	2100270	4	17.09	3574200	20.0
Octadecanoic acid	19.29	6.8	ng/ul	1494880	5	21.28	4380440	20.0
9H-Xanthen-9-one,...	20.61	3.5	ng/ul	766751	5	21.28	4380440	20.0
(DEL) Alkane: Cyc...	21.00	4.0	ng/ul	868884	5	21.28	4380440	20.0
(DEL) Alkane: Str...	21.88	3.0	ng/ul	651569	5	21.28	4380440	20.0
(DEL) Alkane: Str...	22.84	2.7	ng/ul	486294	6	23.51	3662490	20.0
n-Tetracosanol-1	22.89	4.7	ng/ul	862888	6	23.51	3662490	20.0
(DEL) Alkane: Str...	24.06	2.2	ng/ul	403312	6	23.51	3662490	20.0
(DEL) Alkane: Cyc...	24.14	2.6	ng/ul	469808	6	23.51	3662490	20.0