LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

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\SOM-EPA-BM032219MA.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	3.123	20	23	30	rBV	36512	55440	1.08%	0.109%
2	6.758	635	641	660	rBV	431274	807863	15.78%	1.592%
3	6.922	663	669	685	rBV	352977	638499	12.47%	1.259%
4	7.105	693	700	713	rBV	508294	857064	16.74%	1.689%
5	7.569	773	779	788	rBV	476353	786522	15.36%	1.550%
6	7.640	788	791	800	rVB4	6708	11425	0.22%	0.023%
7	8.287	895	901	920	rBV	585513	1066488	20.83%	2.102%
8	8.740	972	978	993	rBV	461356	824172	16.10%	1.625%
9	9.063	1029	1033	1040	rVB2	11022	15866	0.31%	0.031%
10	9.452	1093	1099	1119	rBV	400344	725266	14.16%	1.430%
11	9.987	1183	1190	1211	rBV	536262	1085926	21.21%	2.141%
12	10.351	1244	1252	1263	rBV	702456	1203716	23.51%	2.373%
13	10.516	1273	1280	1311	rBV	477407	1126368	22.00%	2.220%
14	11.975	1523	1528	1532	rBV3	4537	9533	0.19%	0.019%
15	13.104	1714	1720	1728	rBV	31711	49574	0.97%	0.098%
16	13.651	1807	1813	1818	rBV	1417268	1942133	37.93%	3.828%
17	13.698	1818	1821	1833	rVB	257344	378797	7.40%	0.747%
18	13.922	1852	1859	1877	rVB	1545038	2286213	44.65%	4.507%
19	14.234	1903	1912	1921	rBV2	1108809	1702584	33.25%	3.356%
20	14.487	1949	1955	1973	rBV	273801	745107	14.55%	1.469%
21	14.657	1981	1984	2002	rVB4	24883	57031	1.11%	0.112%
22	15.022	2042	2046	2051	rBV	8386	11543	0.23%	0.023%
23	15.075	2051	2055	2060	rVB3	5633	7850	0.15%	0.015%
24	15.234	2075	2082	2095	rBV	2066685	2886029	56.36%	5.689%
25	15.386	2102	2108	2119	rBV	614389	896398	17.51%	1.767%
26	15.475	2119	2123	2129	rVB2	24754	39433	0.77%	0.078%
27	15.810	2177	2180	2183	rVB3	4011	5410	0.11%	0.011%
28	15.933	2195	2201	2207	rBV5	4867	9910	0.19%	0.020%
29	16.022	2213	2216	2221	rVB2	7965	9753	0.19%	0.019%
30	16.410	2276	2282	2287	rBV4	5555	9928	0.19%	0.020%
31	16.586	2309	2312	2320	rBV2	6065	11429	0.22%	0.023%
32	16.733	2334	2337	2339	rBV2	6020	5857	0.11%	0.012%
33	16.786	2341	2346	2349	rVV3	5877	8971	0.18%	0.018%
34	16.992	2375	2381	2389	rBV	1583758	2159026	42.17%	4.256%

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Sample : K2148-05
Misc :
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Instrument : BNA_M
ClientSampleId : BF5F6

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\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	17.092	2391	2398	2408	rBV	2358198	3392139	66.25%	6.687%
36	17.280	2426	2430	2433	rVB3	13015	15257	0.30%	0.030%
37	17.333	2433	2439	2442	rVV2	22083	27487	0.54%	0.054%
38	17.375	2442	2446	2454	rVV2	22811	40386	0.79%	0.080%
39	17.475	2458	2463	2467	rBV3	8464	14457	0.28%	0.028%
40	17.757	2507	2511	2513	rBV3	4425	6014	0.12%	0.012%
41	17.886	2527	2533	2544	rBV	245964	429340	8.38%	0.846%
42	18.116	2569	2572	2573	rBV2	4494	5240	0.10%	0.010%
43	18.169	2577	2581	2587	rVB4	16578	24697	0.48%	0.049%
44	18.227	2587	2591	2596	rBV8	8408	15734	0.31%	0.031%
45	18.539	2641	2644	2646	rBV3	4302	5160	0.10%	0.010%
46	18.598	2651	2654	2658	rVV	50587	61774	1.21%	0.122%
47	18.645	2658	2662	2666	rVV	105620	120738	2.36%	0.238%
48	18.751	2677	2680	2686	rVB4	39125	54415	1.06%	0.107%
49	18.804	2686	2689	2692	rBV	29925	36180	0.71%	0.071%
50	19.033	2724	2728	2737	rBV3	48839	108516	2.12%	0.214%
51	19.174	2748	2752	2760	rBV	148719	238198	4.65%	0.470%
52	19.286	2769	2771	2775	rVB2	22409	23372	0.46%	0.046%
53	19.345	2779	2781	2784	rBV4	8691	10337	0.20%	0.020%
54	19.398	2785	2790	2797	rVV2	2836797	4068846	79.46%	8.020%
55	19.457	2798	2800	2806	rVB2	70967	95122	1.86%	0.188%
56	19.733	2843	2847	2851	rBV	932976	1085376	21.20%	2.139%
57	19.774	2851	2854	2859	rVB	1968071	2008498	39.23%	3.959%
58	19.933	2878	2881	2884	rVB3	34021	38143	0.74%	0.075%
59	20.433	2963	2966	2969	rBV4	39273	47807	0.93%	0.094%
60	20.716	3010	3014	3017	rBV	493817	538501	10.52%	1.061%
61	20.751	3017	3020	3024	rVB	899781	942865	18.41%	1.859%
62	20.904	3042	3046	3053	rBV2	337011	441228	8.62%	0.870%
63	21.204	3092	3097	3110	rBV	2221003	2885267	56.35%	5.687%
64	21.333	3116	3119	3123	rBV2	121267	147172	2.87%	0.290%
65	21.580	3158	3161	3164	rBV	246331	292798	5.72%	0.577%
66	21.615	3164	3167	3171	rVB	447368	491597	9.60%	0.969%
67	21.763	3188	3192	3195	rBV	164362	195630	3.82%	0.386%
68	22.180	3261	3263	3265	rBV2	91316	86673	1.69%	0.171%
69	22.210	3265	3268	3274	rVB2	258155	380050	7.42%	0.749%
70	22.333	3287	3289	3295	rVB	158633	193765	3.78%	0.382%
71	22.486	3312	3315	3318	rBV	172169	220979	4.32%	0.436%

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Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

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\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	22.527	3318	3322	3327	rVB	364670	483591	9.44%	0.953%
73	22.704	3348	3352	3357	rVB	316555	444010	8.67%	0.875%
74	23.268	3441	3448	3464	rVB2	2813856	5120383	100.00%	10.093%
75	23.409	3465	3472	3487	rVB	1603667	2942449	57.47%	5.800%
76	23.874	3547	3551	3558	rVB	276588	513629	10.03%	1.012%

Sum of corrected areas: 50730944

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Operator : JU/SJ
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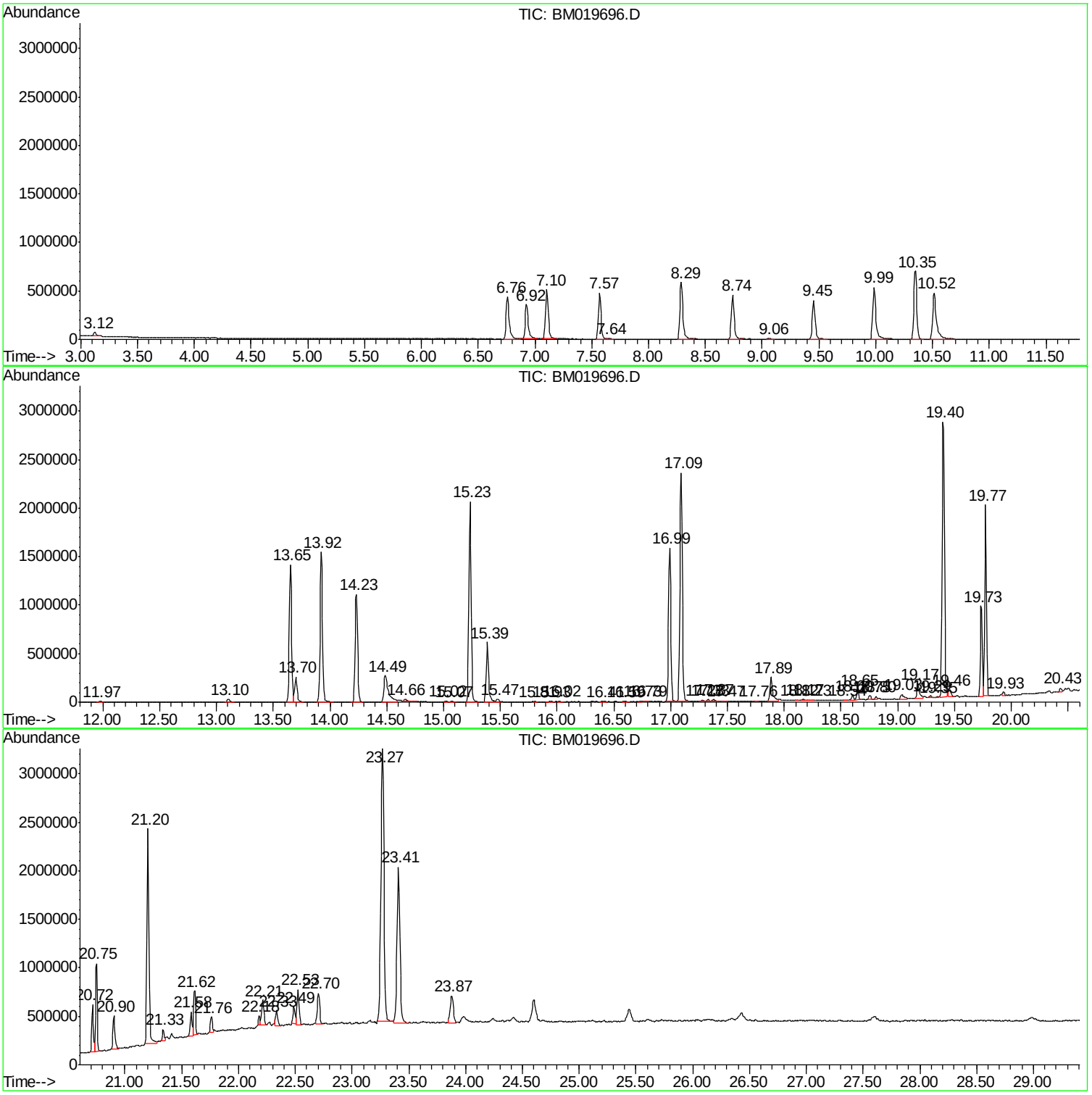
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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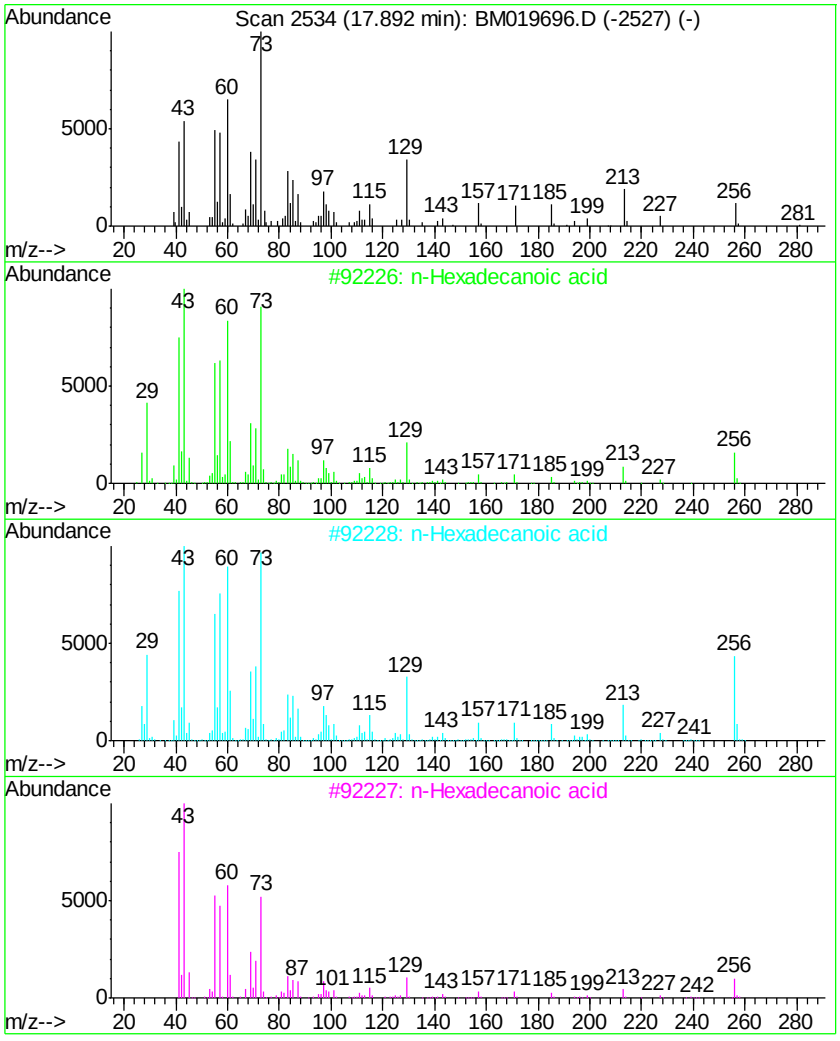
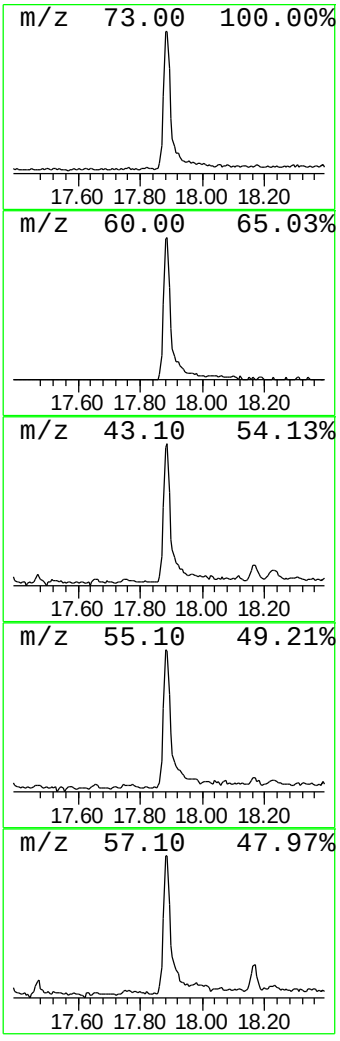
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.98 ng/ul	429340	Phenanthrene-d10	16.99

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

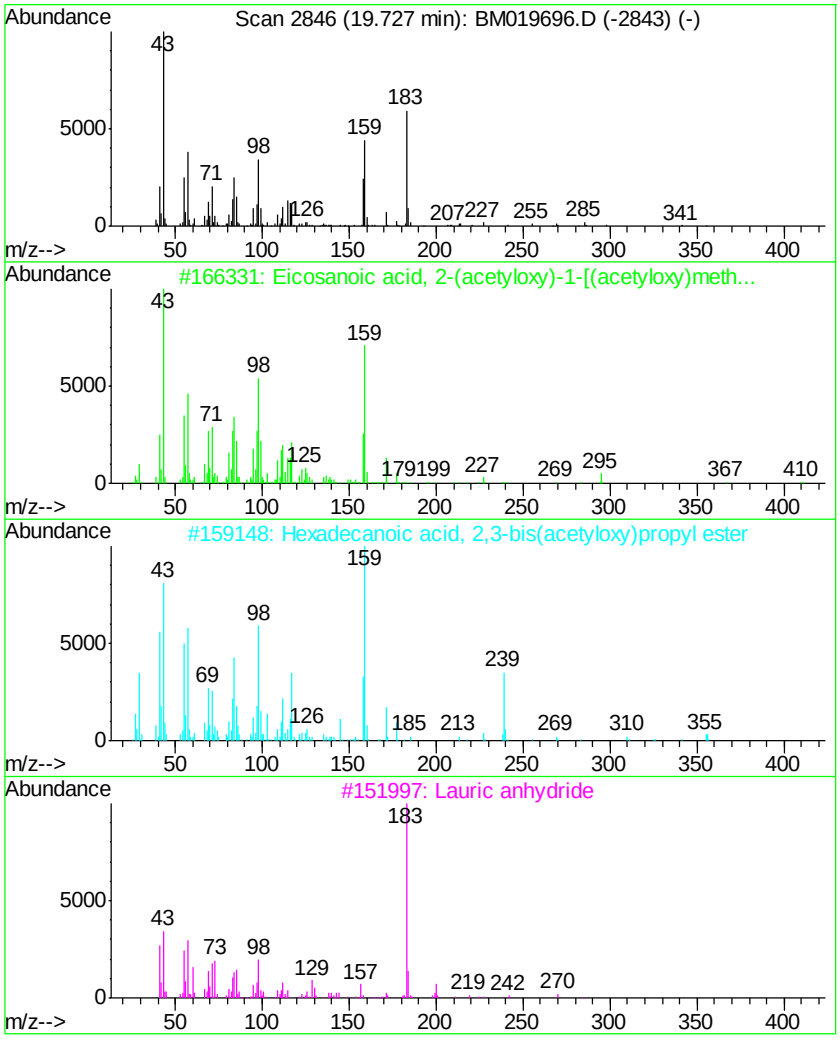
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

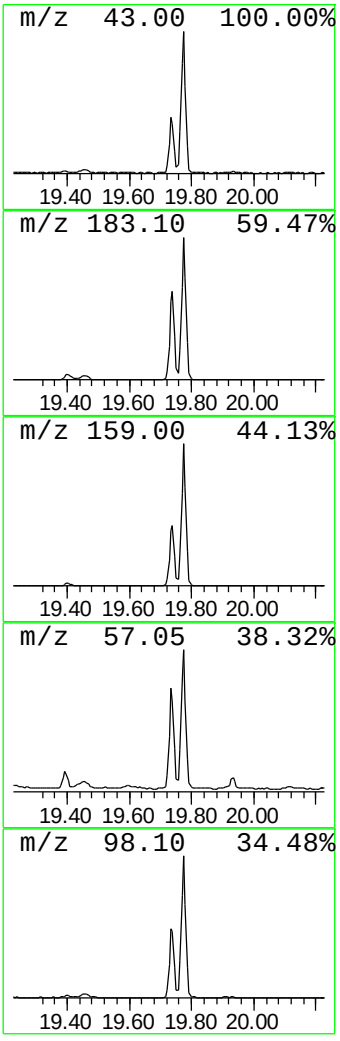
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	7.52 ng/ul	1085380	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	38
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	38
3	Lauric anhydride	382	C24H46O3	000645-66-9	27
4	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	22
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	18





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Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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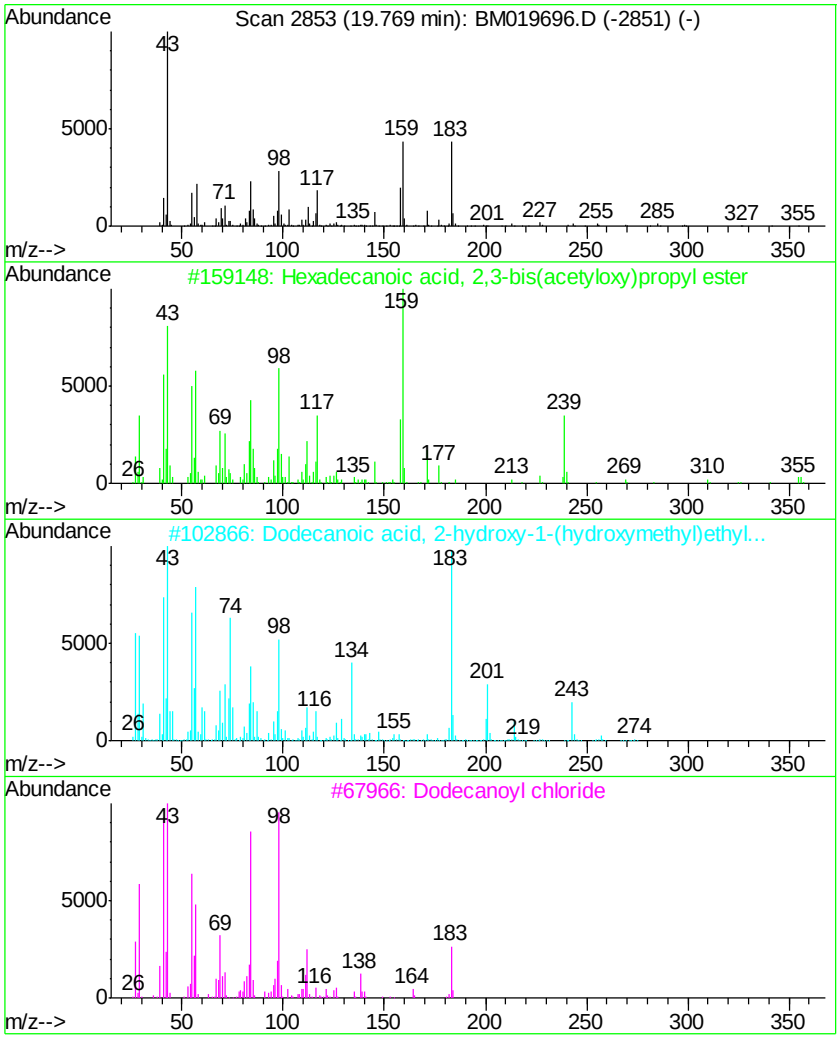
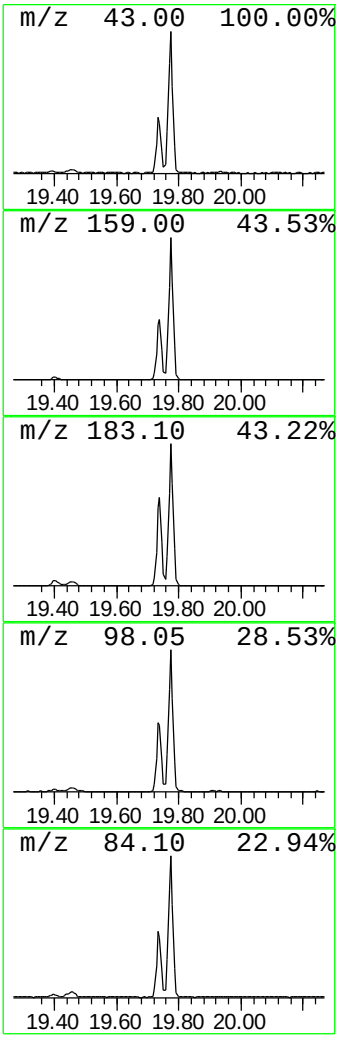
Peak Number 3 Hexadecanoic acid, 2,3-bis(... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	13.92 ng/ul	2008500	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	58
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14
5	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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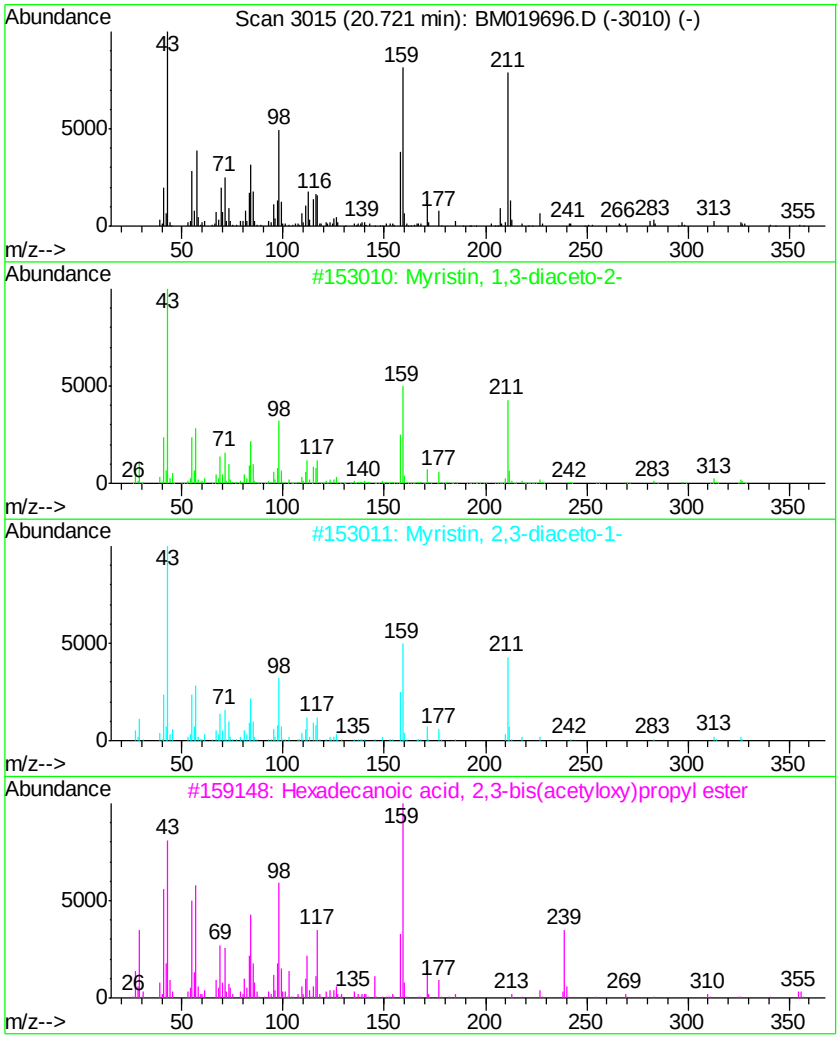
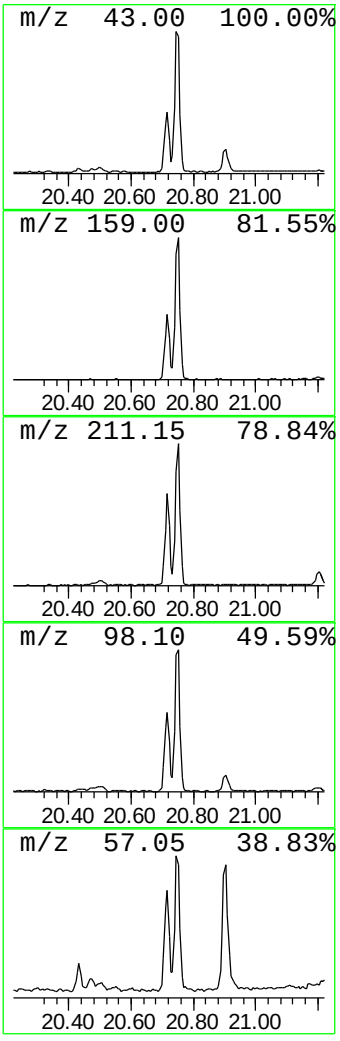
Peak Number 4 Myristin, 1,3-diaceto-2- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	3.73 ng/ul	538501	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	70
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	47
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	38





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Instrument : BNA_M
ClientSampleId : BF5F6

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Quant Title : SVOA CALIBRATION

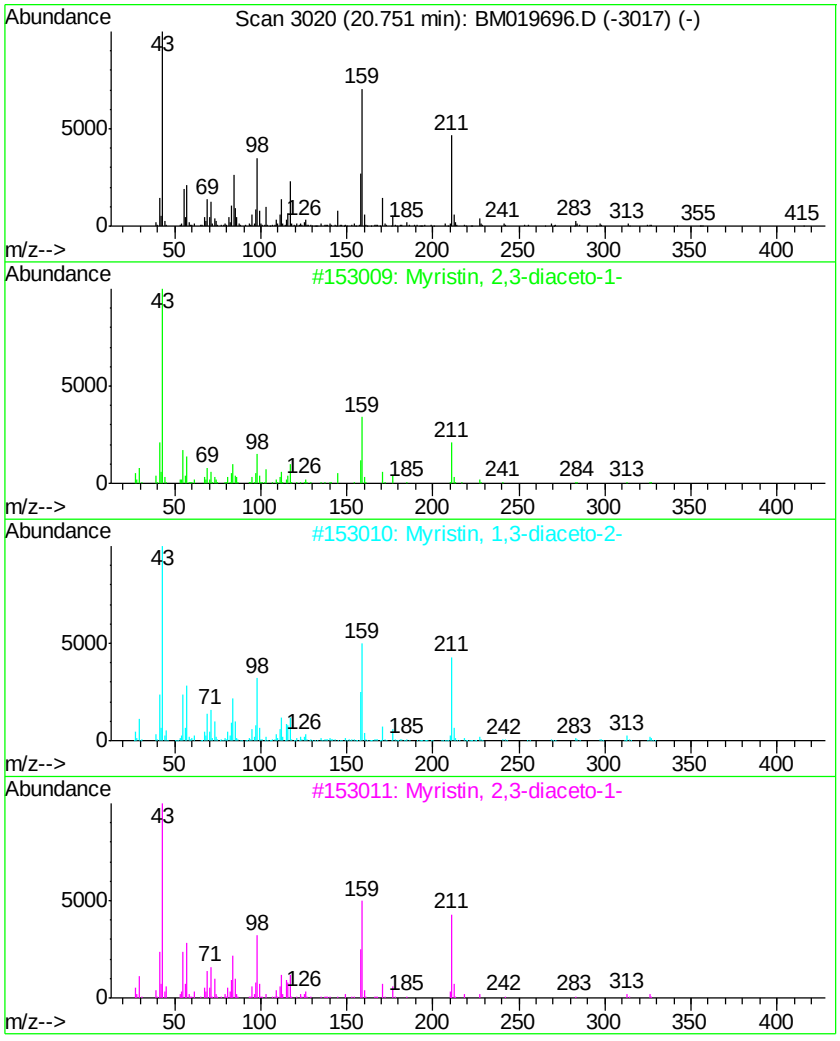
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

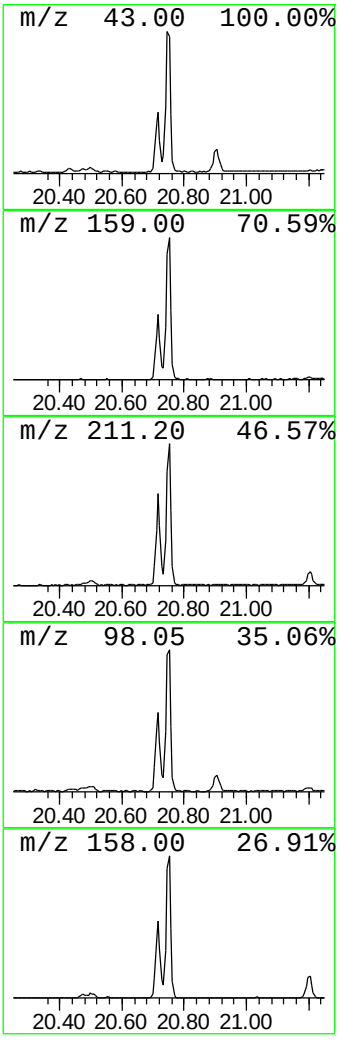
****

Peak Number 5 Myristin, 2,3-diaceto-1- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	6.54 ng/ul	942865	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	78
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	72
4	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	62
5	1,2,4-Butanetriol, triacetate	232	C10H16O6	014835-47-3	12





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

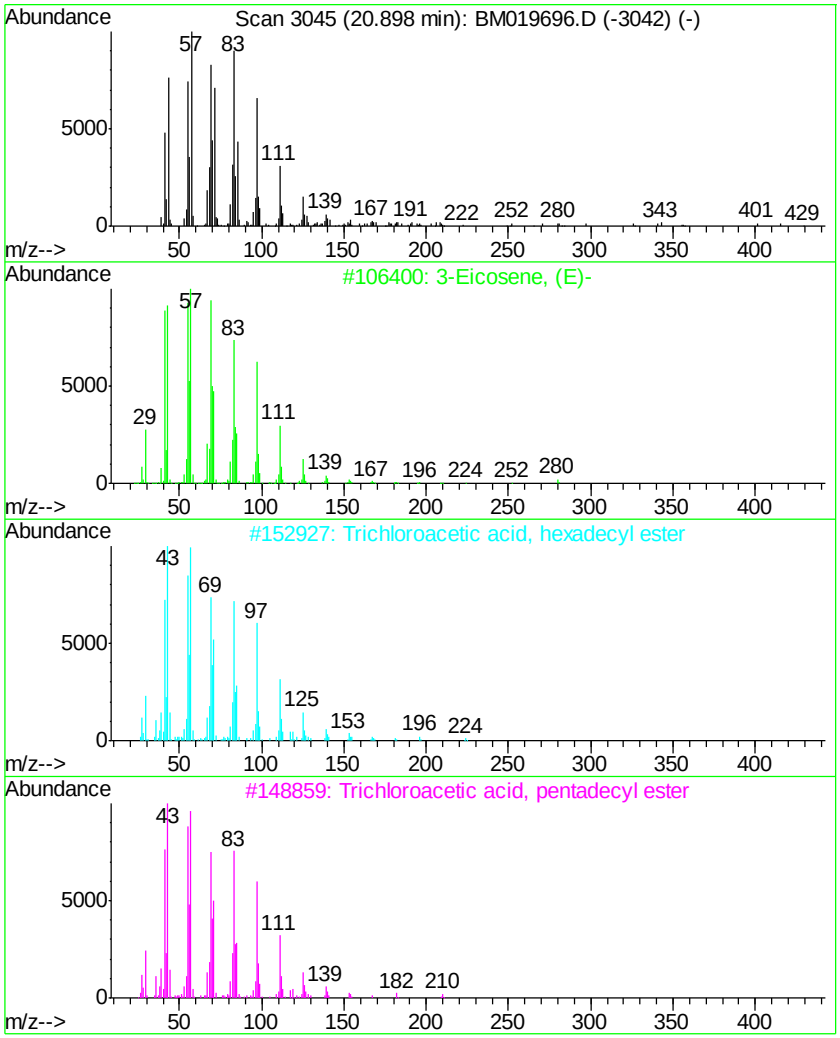
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

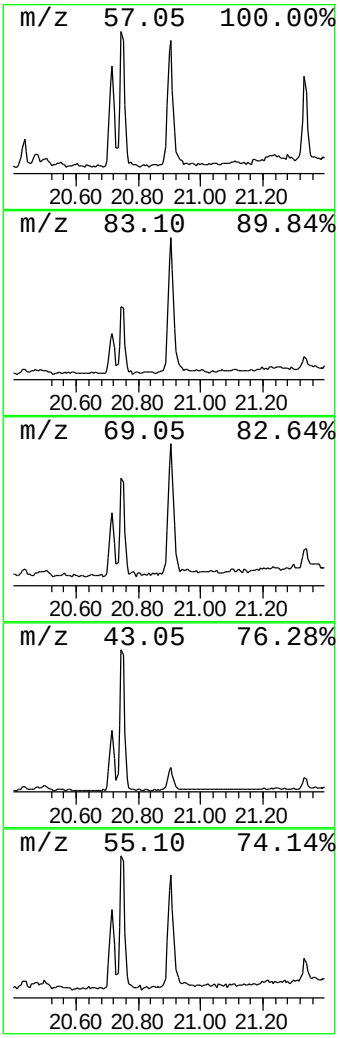
****

Peak Number 6 (DEL) Alkane: Cyclic20.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.06 ng/ul	441228	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Tetracosanol	354	C24H50O	000506-51-4	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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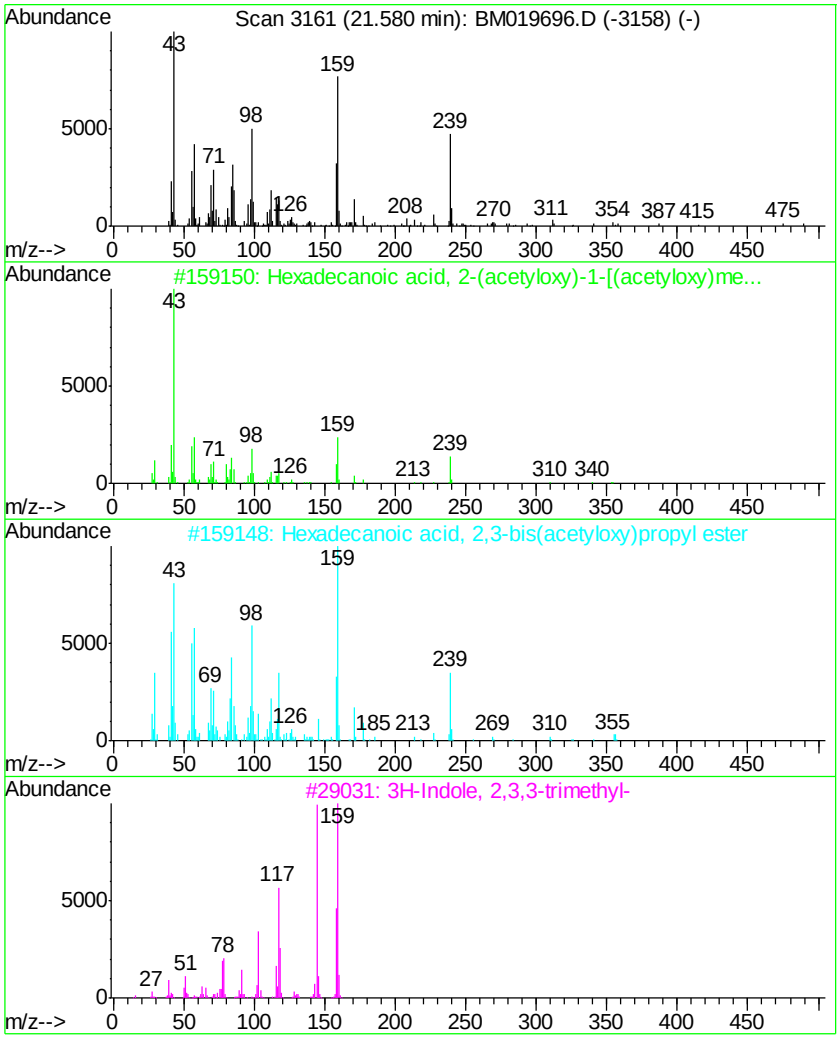
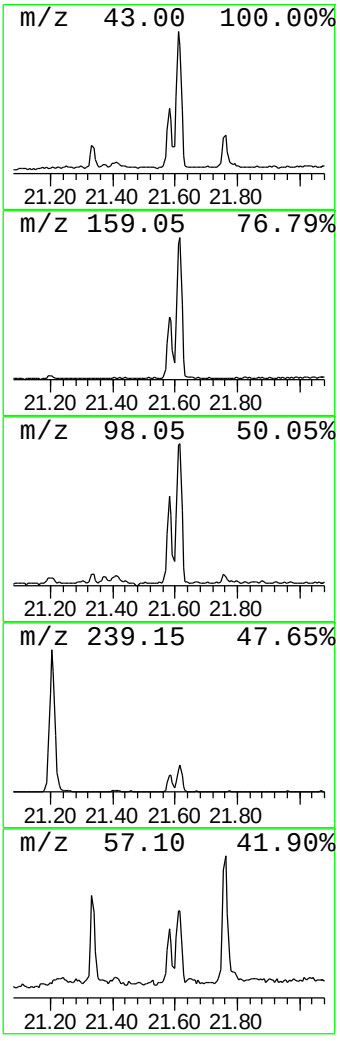
Peak Number 7 Hexadecanoic acid, 2-(acety... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	2.03 ng/ul	292798	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	91
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	87
3	3H-Indole, 2,3,3-trimethyl-	159	C11H13N	001640-39-7	30
4	4,6-Difluoro-2-dimethylaminopyri...	159	C6H7F2N3	165258-63-9	30
5	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	30





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Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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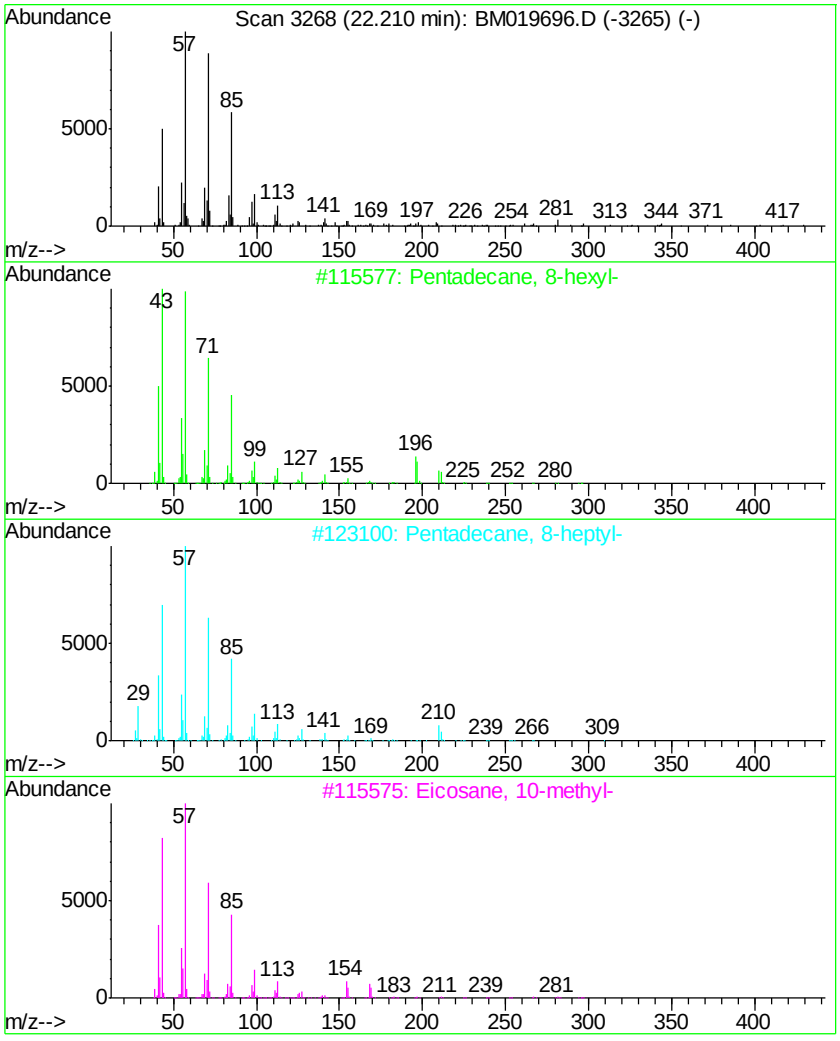
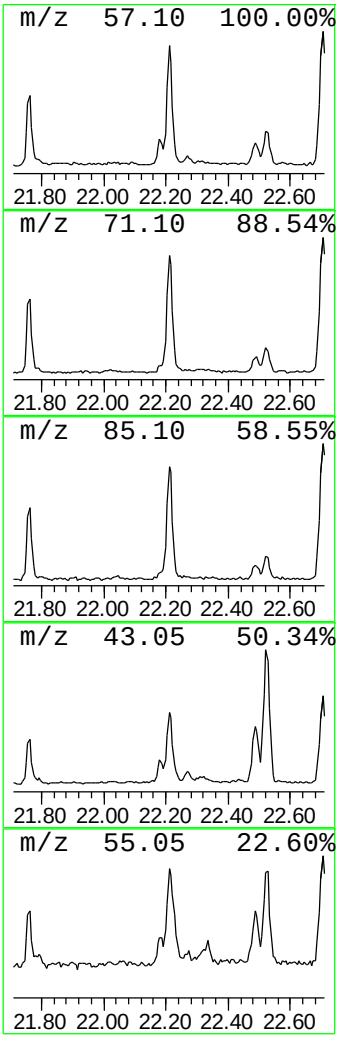
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.63 ng/ul	380050	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane	170	C12H26	000112-40-3	80





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Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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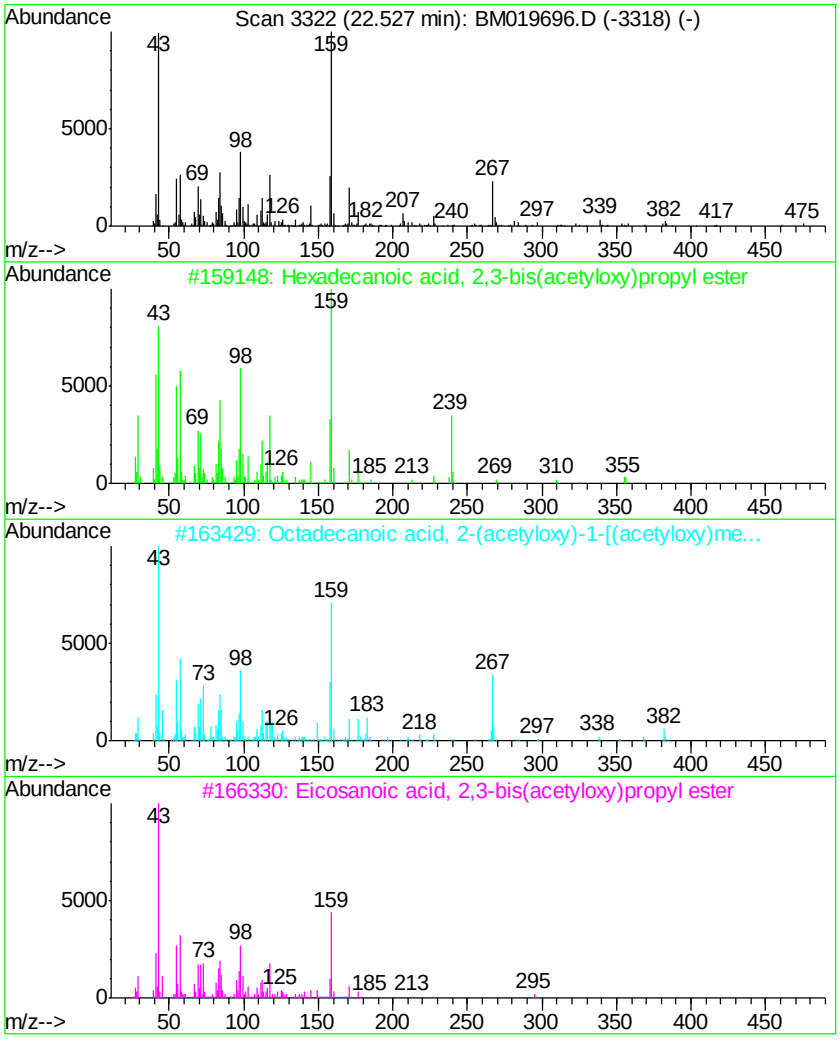
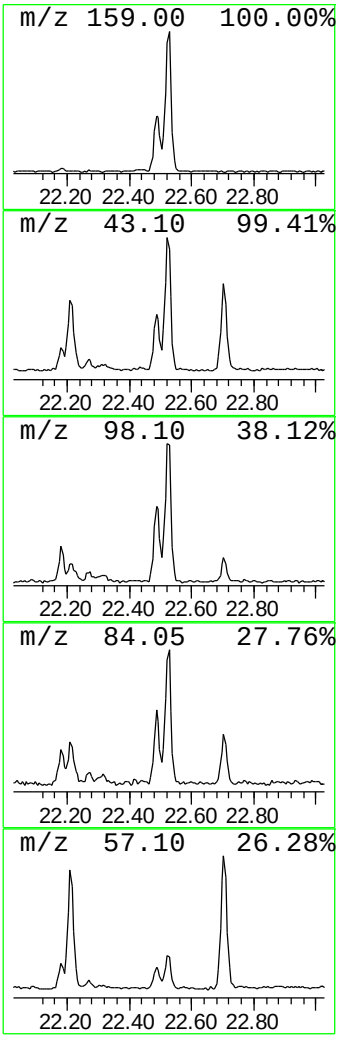
Peak Number 10 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	3.29 ng/ul	483591	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	49
2	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	38
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	22
4	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	22
5	Carbendazim	191	C9H9N3O2	010605-21-7	22





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Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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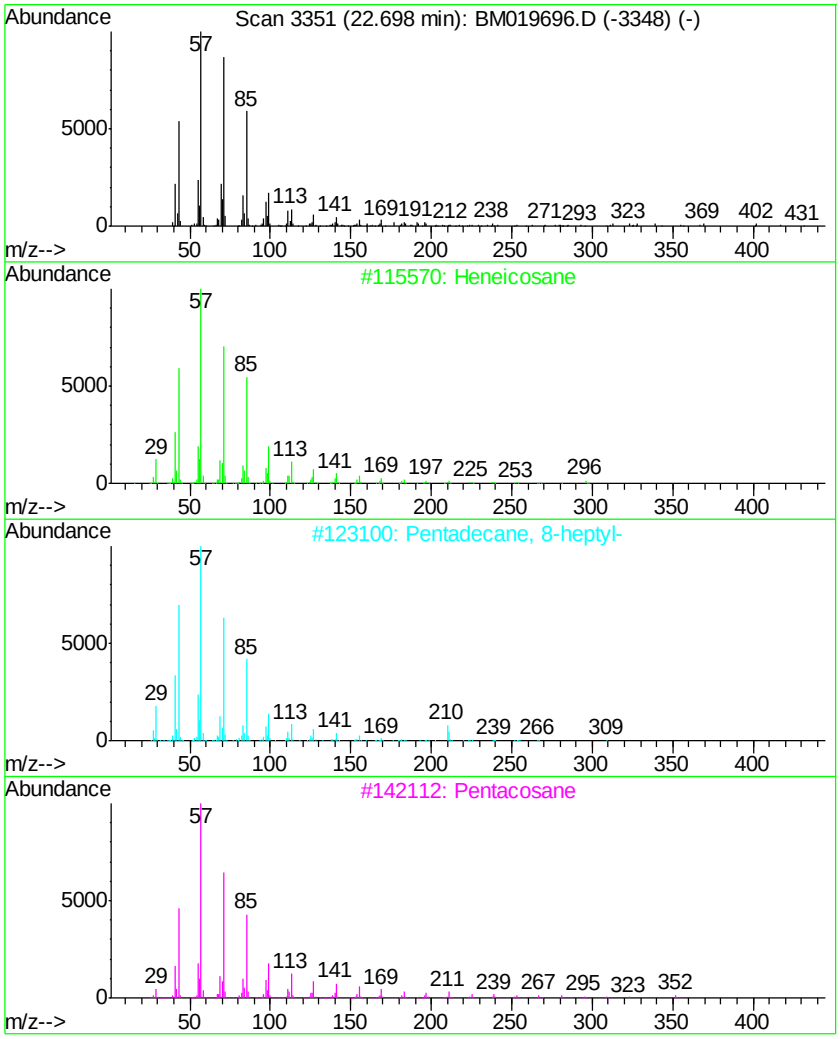
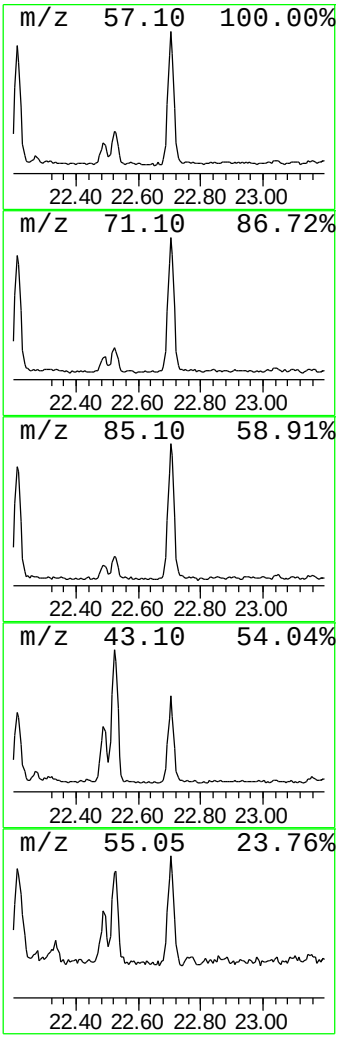
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.02 ng/ul	444010	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





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Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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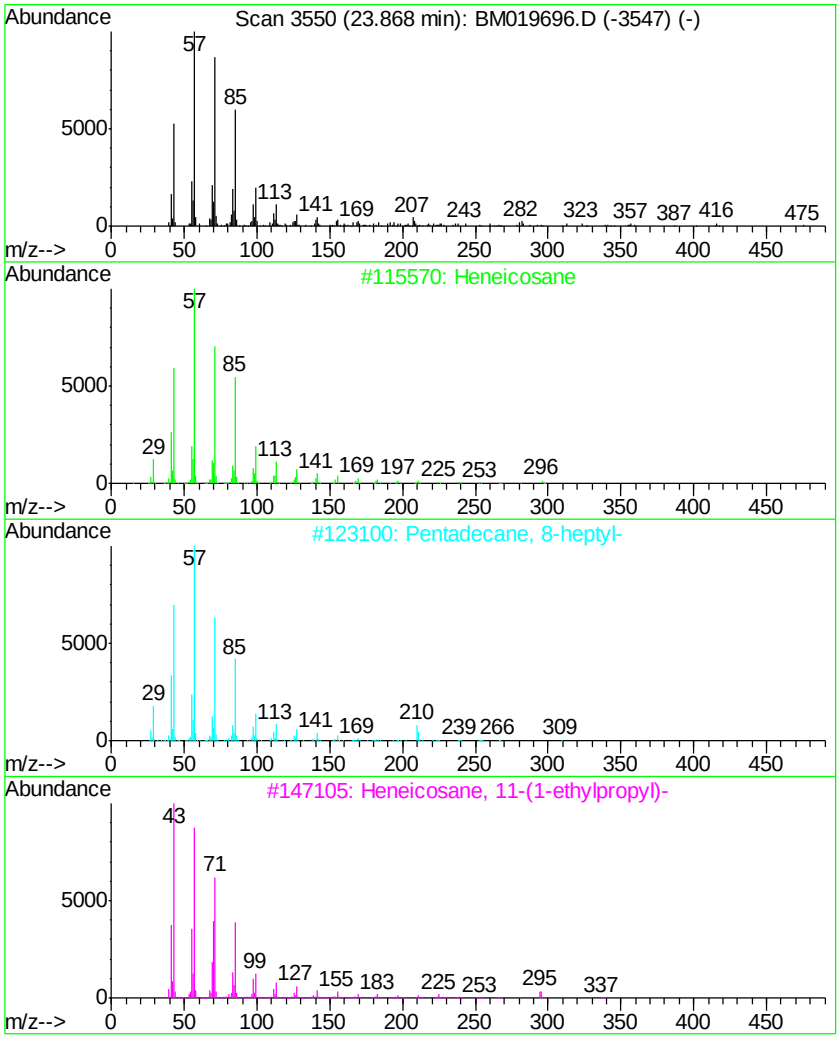
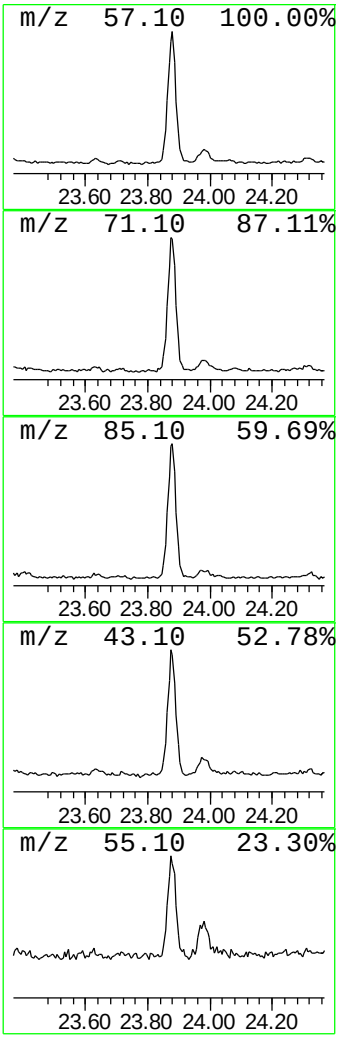
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.49 ng/ul	513629	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019696.D
Acq On : 02 Apr 2019 18:00
Operator : JU/SJ
Sample : K2148-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	4.0	ng/ul	429340	4	16.99	2159030	20.0
unknown-01	19.73	7.5	ng/ul	1085380	5	21.20	2885270	20.0
Hexadecanoic acid...	19.77	13.9	ng/ul	2008500	5	21.20	2885270	20.0
Myristin, 1,3-dia...	20.72	3.7	ng/ul	538501	5	21.20	2885270	20.0
Myristin, 2,3-dia...	20.75	6.5	ng/ul	942865	5	21.20	2885270	20.0
(DEL) Alkane: Cyc...	20.90	3.1	ng/ul	441228	5	21.20	2885270	20.0
Hexadecanoic acid...	21.58	2.0	ng/ul	292798	5	21.20	2885270	20.0
(DEL) Alkane: Str...	22.21	2.6	ng/ul	380050	5	21.20	2885270	20.0
unknown-02	22.53	3.3	ng/ul	483591	6	23.41	2942450	20.0
(DEL) Alkane: Str...	22.70	3.0	ng/ul	444010	6	23.41	2942450	20.0
(DEL) Alkane: Str...	23.87	3.5	ng/ul	513629	6	23.41	2942450	20.0