LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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	3.128	21	24	34	rVB	24770	44710	1.46%	0.149%
2	6.763	636	642	664	rBV2	224052	550323	17.97%	1.839%
3	6.934	664	671	692	rVV	182325	370326	12.09%	1.238%
4	7.111	695	701	722	rVB	277775	490996	16.04%	1.641%
5	7.575	774	780	792	rBV	365904	622555	20.33%	2.081%
6	8.293	896	902	919	rBV	290288	585584	19.12%	1.957%
7	8.752	973	980	995	rBV	227073	442639	14.46%	1.479%
8	9.075	1027	1035	1041	rBV	9635	12536	0.41%	0.042%
9	9.463	1095	1101	1118	rBV	180825	341221	11.14%	1.141%
10	9.999	1186	1192	1217	rBV	205485	548927	17.93%	1.835%
11	10.357	1246	1253	1264	rBV	582561	983056	32.11%	3.286%
12	10.551	1280	1286	1296	rBV2	36357	110673	3.61%	0.370%
13	12.004	1525	1533	1537	rVB2	2690	5649	0.18%	0.019%
14	13.657	1808	1814	1819	rBV	635798	957195	31.26%	3.199%
15	13.710	1819	1823	1837	rVB	116261	193572	6.32%	0.647%
16	13.928	1854	1860	1878	rBV	707430	1113197	36.36%	3.721%
17	14.239	1906	1913	1923	rBV2	852537	1327948	43.37%	4.439%
18	14.504	1951	1958	1978	rBV2	73897	286028	9.34%	0.956%
19	15.028	2043	2047	2051	rVB2	2337	3326	0.11%	0.011%
20	15.081	2051	2056	2058	rBV2	3821	4563	0.15%	0.015%
21	15.239	2076	2083	2096	rBV	993834	1514037	49.45%	5.061%
22	15.386	2103	2108	2121	rBV	185533	315870	10.32%	1.056%
23	15.481	2121	2124	2129	rVB	10281	14252	0.47%	0.048%
24	15.945	2200	2203	2206	rBV2	3997	5395	0.18%	0.018%
25	16.022	2214	2216	2220	rBV3	3175	3696	0.12%	0.012%
26	16.133	2233	2235	2242	rVB3	2754	3560	0.12%	0.012%
27	16.745	2335	2339	2342	rBV3	3655	4867	0.16%	0.016%
28	16.792	2342	2347	2351	rBV5	5406	6942	0.23%	0.023%
29	16.916	2362	2368	2374	rVB	22859	29576	0.97%	0.099%
30	16.998	2375	2382	2392	rBV2	1095600	1603730	52.38%	5.360%
31	17.098	2392	2399	2412	rVV2	1097588	1678981	54.83%	5.612%
32	17.186	2412	2414	2417	rVB3	2924	3115	0.10%	0.010%
33	17.286	2428	2431	2434	rBV4	5393	6959	0.23%	0.023%
34	17.339	2436	2440	2443	rVV	8509	9824	0.32%	0.033%

LSC Area Percent Report

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Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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	17.380	2445	2447	2453	rVB3	2798	3873	0.13%	0.013%
36	17.445	2456	2458	2460	rVV	5641	4663	0.15%	0.016%
37	17.475	2462	2463	2470	rVB4	3999	5924	0.19%	0.020%
38	17.604	2480	2485	2490	rBV2	67344	87365	2.85%	0.292%
39	17.886	2527	2533	2545	rBV	69768	127539	4.17%	0.426%
40	18.069	2560	2564	2566	rVB3	3653	4453	0.15%	0.015%
41	18.174	2578	2582	2587	rVV3	9144	16260	0.53%	0.054%
42	18.610	2652	2656	2659	rBV	29949	36215	1.18%	0.121%
43	18.651	2659	2663	2667	rBV	60727	73835	2.41%	0.247%
44	18.751	2676	2680	2686	rVB8	4284	7840	0.26%	0.026%
45	18.816	2687	2691	2695	rVB6	5121	6988	0.23%	0.023%
46	19.039	2725	2729	2734	rBV2	13578	22420	0.73%	0.075%
47	19.180	2749	2753	2759	rBV4	37367	64741	2.11%	0.216%
48	19.292	2769	2772	2776	rVB3	8702	10498	0.34%	0.035%
49	19.404	2785	2791	2799	rBV	1467316	2114500	69.06%	7.068%
50	19.739	2844	2848	2851	rBV	529977	548884	17.93%	1.835%
51	19.780	2851	2855	2861	rVB	1124838	1211628	39.57%	4.050%
52	19.910	2874	2877	2879	rBV3	11281	13178	0.43%	0.044%
53	20.186	2922	2924	2925	rBV	6335	4456	0.15%	0.015%
54	20.433	2963	2966	2971	rBV5	18228	27501	0.90%	0.092%
55	20.716	3011	3014	3017	rBV	213055	237777	7.77%	0.795%
56	20.751	3017	3020	3025	rVB	510247	511860	16.72%	1.711%
57	20.904	3041	3046	3053	rBV	284683	381668	12.46%	1.276%
58	21.204	3091	3097	3107	rBV	1779836	2359542	77.06%	7.887%
59	21.339	3117	3120	3124	rBV	52952	53804	1.76%	0.180%
60	21.586	3158	3162	3164	rBV2	123657	136171	4.45%	0.455%
61	21.615	3164	3167	3174	rVB	241772	258731	8.45%	0.865%
62	21.704	3178	3182	3186	rBV2	128275	145274	4.74%	0.486%
63	21.762	3189	3192	3195	rBV	74472	81408	2.66%	0.272%
64	22.215	3266	3269	3276	rVB2	115950	137034	4.48%	0.458%
65	22.492	3313	3316	3319	rBV2	83853	100837	3.29%	0.337%
66	22.527	3319	3322	3327	rVB	185753	218214	7.13%	0.729%
67	22.709	3349	3353	3358	rVB	151033	200357	6.54%	0.670%
68	23.262	3441	3447	3459	rBV2	1637743	3062000	100.00%	10.234%
69	23.404	3465	3471	3487	rVB2	1431314	2743030	89.58%	9.168%
70	23.880	3548	3552	3559	rVB	199073	337003	11.01%	1.126%
71	24.603	3670	3675	3684	rVB2	179390	365165	11.93%	1.221%

LSC Area Percent Report

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Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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

Sum of corrected areas: 29918464

LSC Report - Integrated Chromatogram

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Data File : BM019590.D
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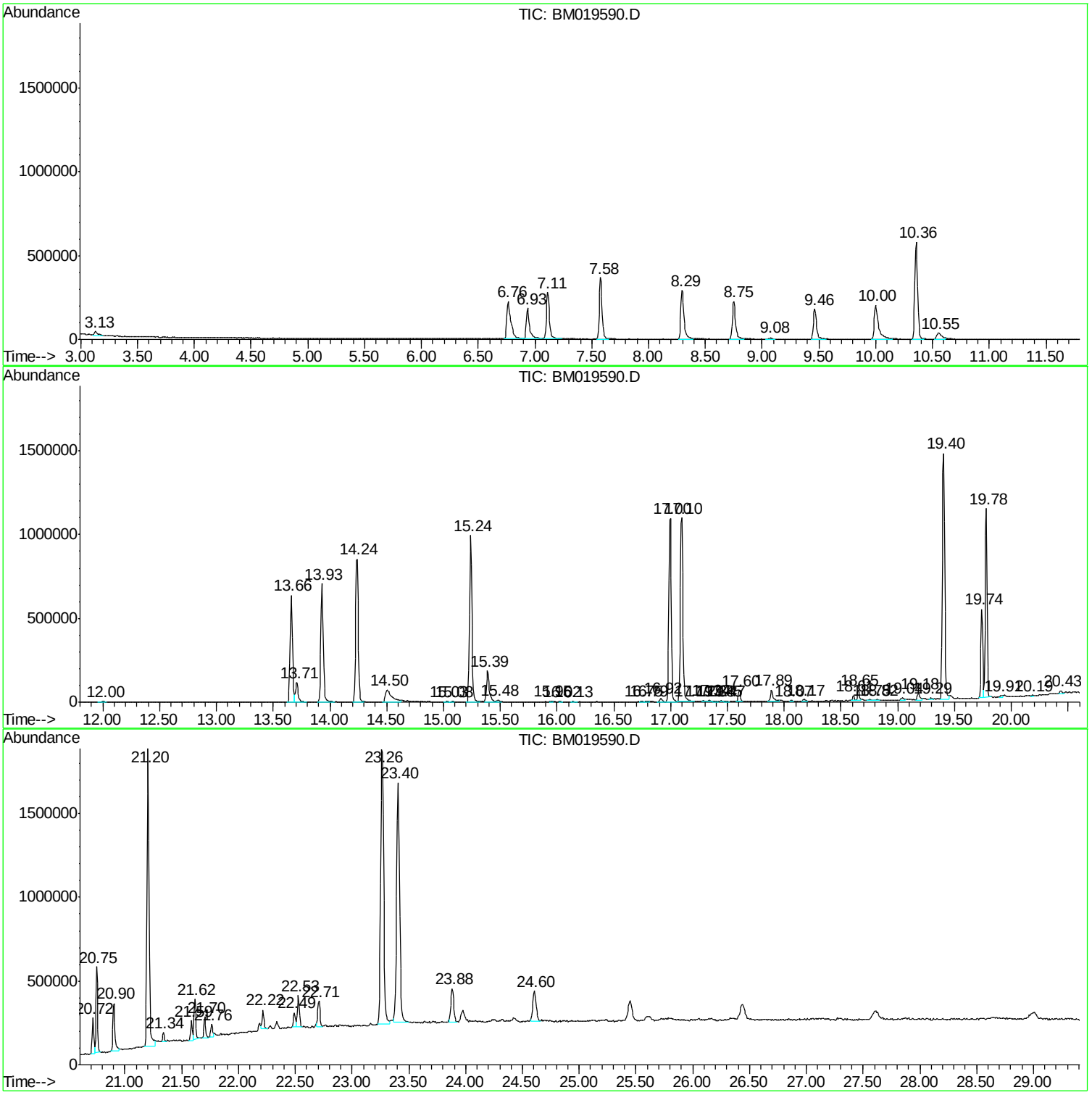
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7TO

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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

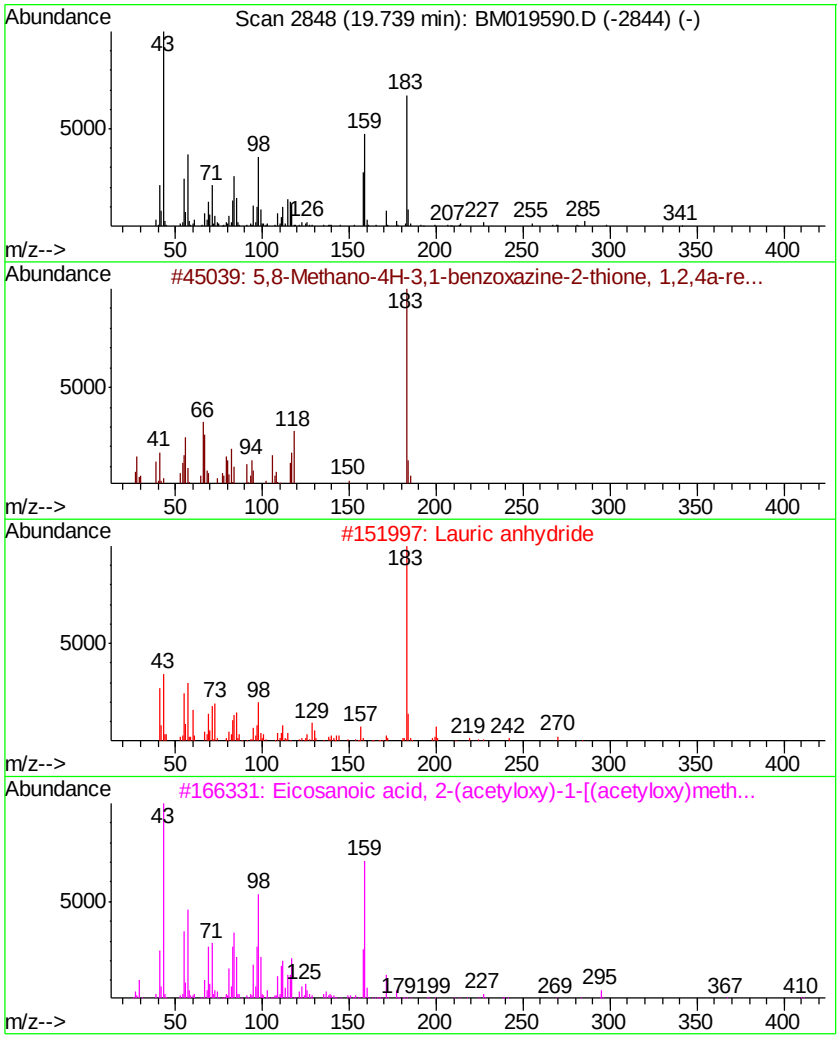
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

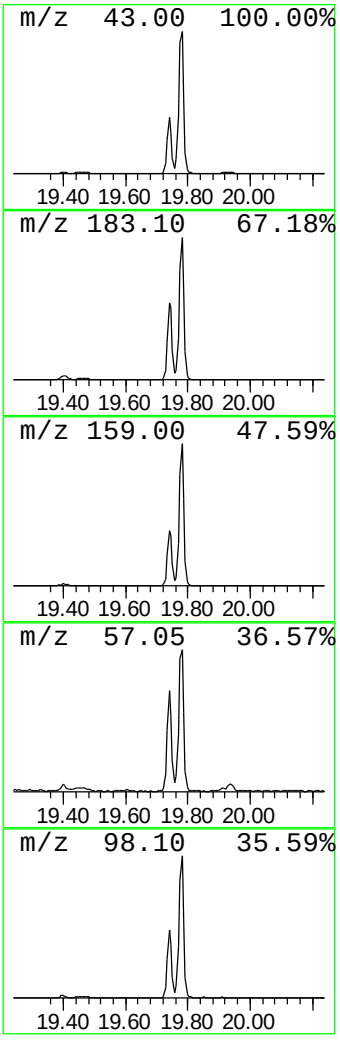
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	4.65 ng/ul	548884	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	22
2	Lauric anhydride	382	C24H46O3	000645-66-9	16
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	16
4	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	14
5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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

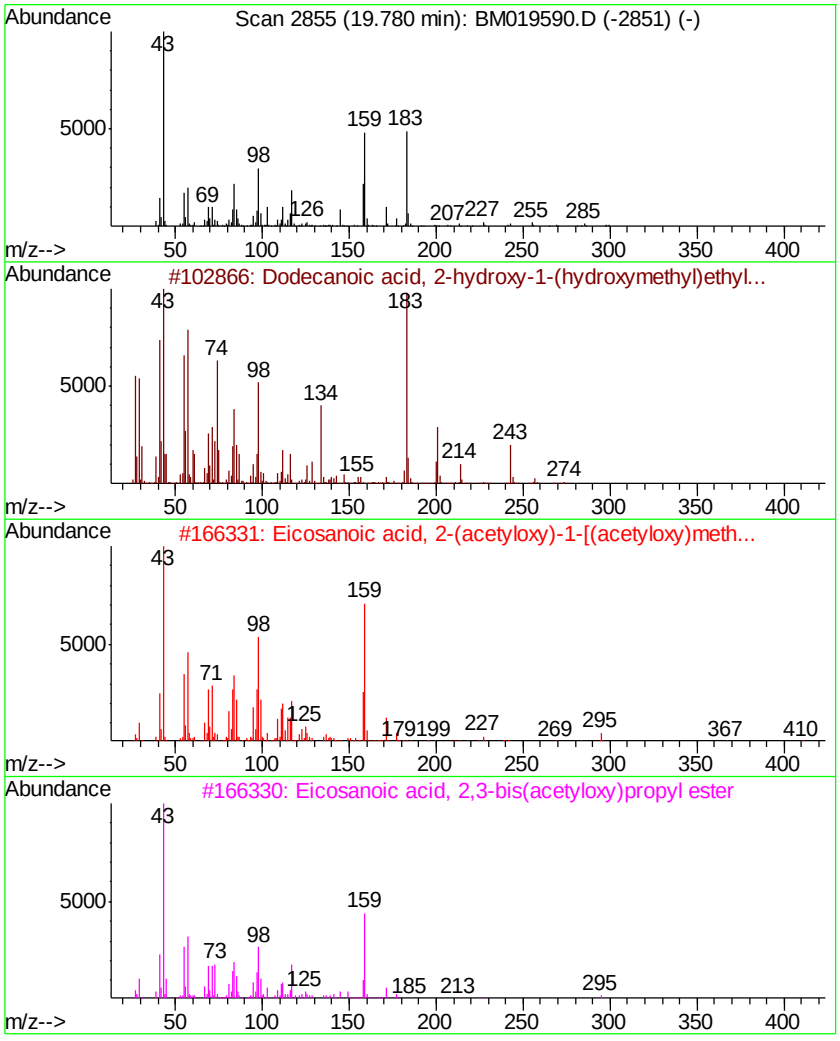
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

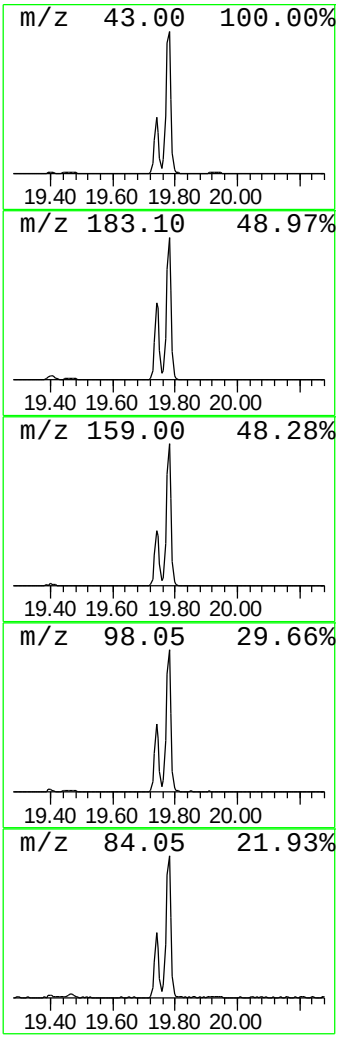
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	10.27 ng/ul	1211630	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	12
4	1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	10
5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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

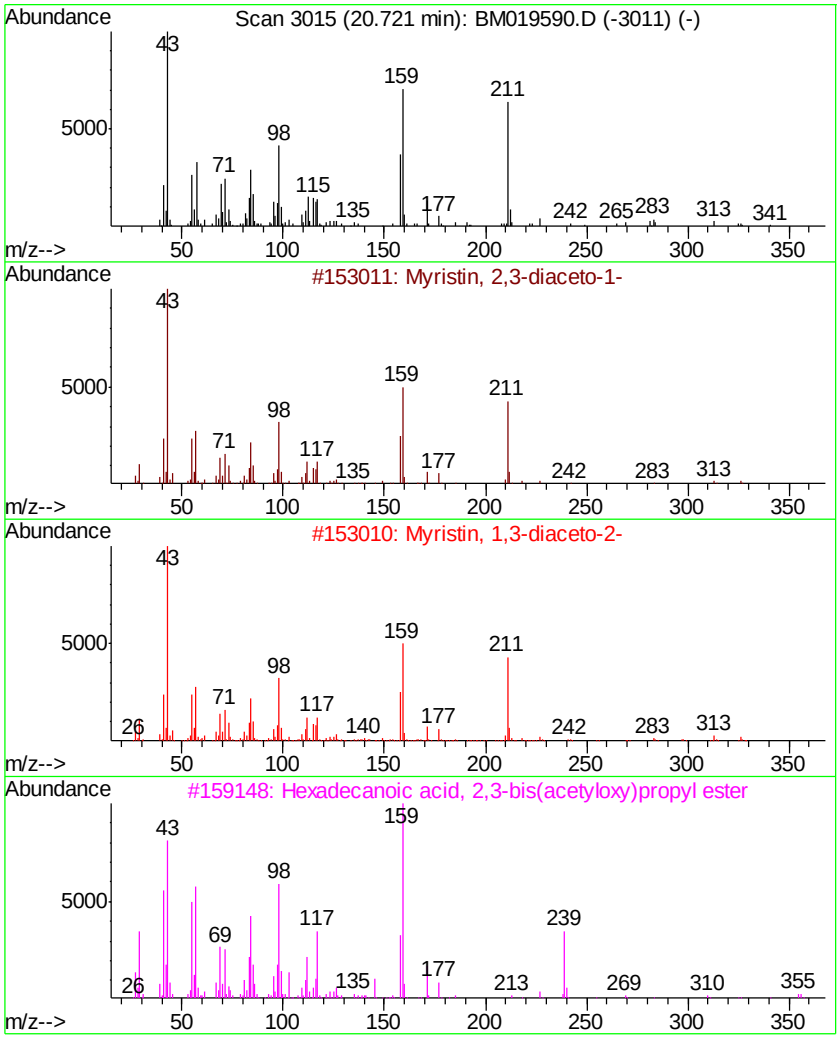
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

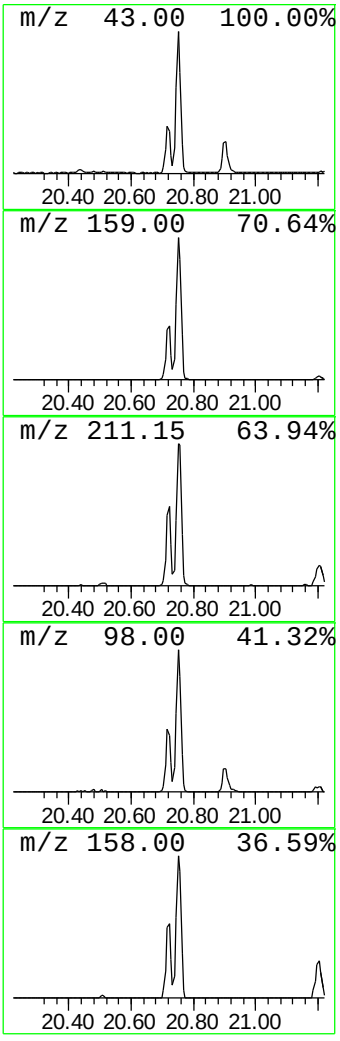
****

Peak Number 3 Myristin, 2,3-diaceto-1- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.02 ng/ul	237777	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	87
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	50
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	32
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27





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

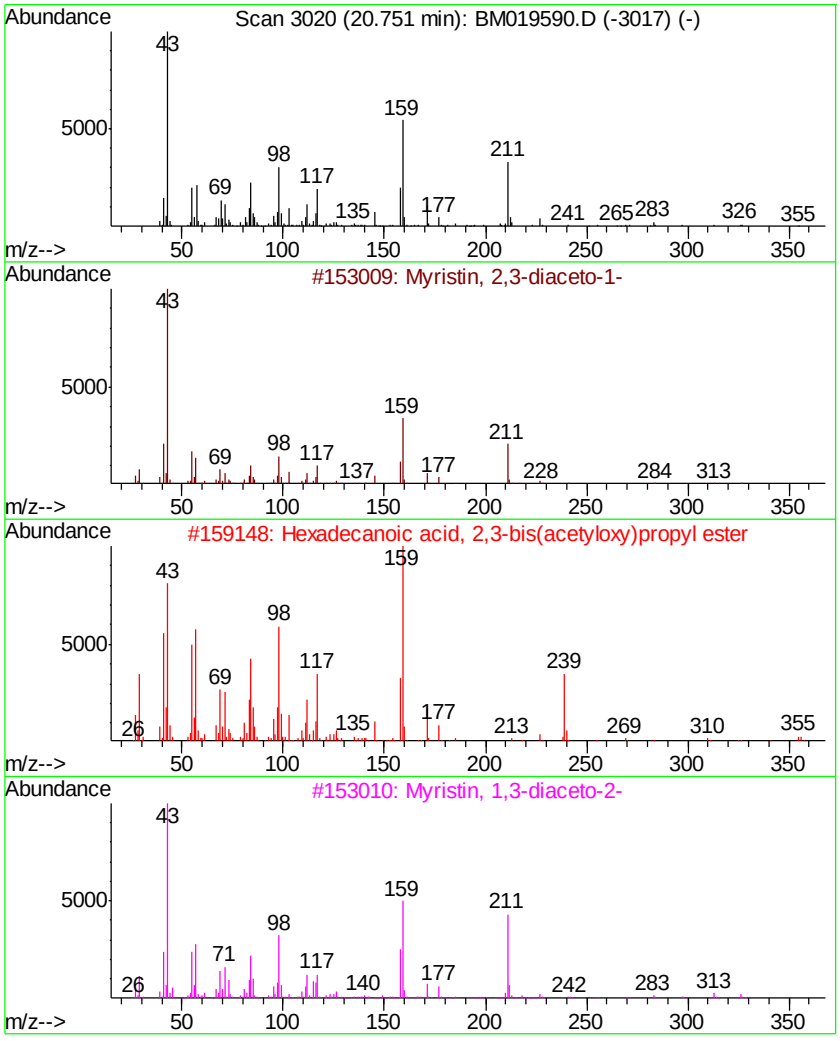
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

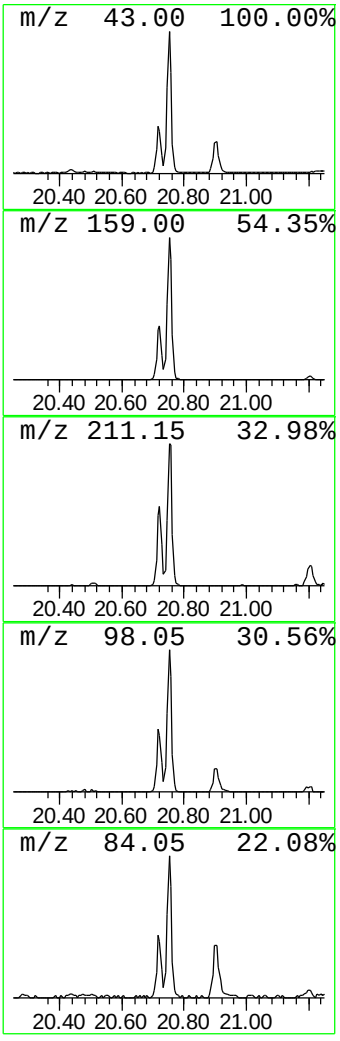
****

Peak Number 4 Hexadecanoic acid, 2,3-bis(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	4.34 ng/ul	511860	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	74
3	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	52
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	49
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	14





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Misc :
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Instrument : BNA_M
ClientSampleId : BF7TO

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

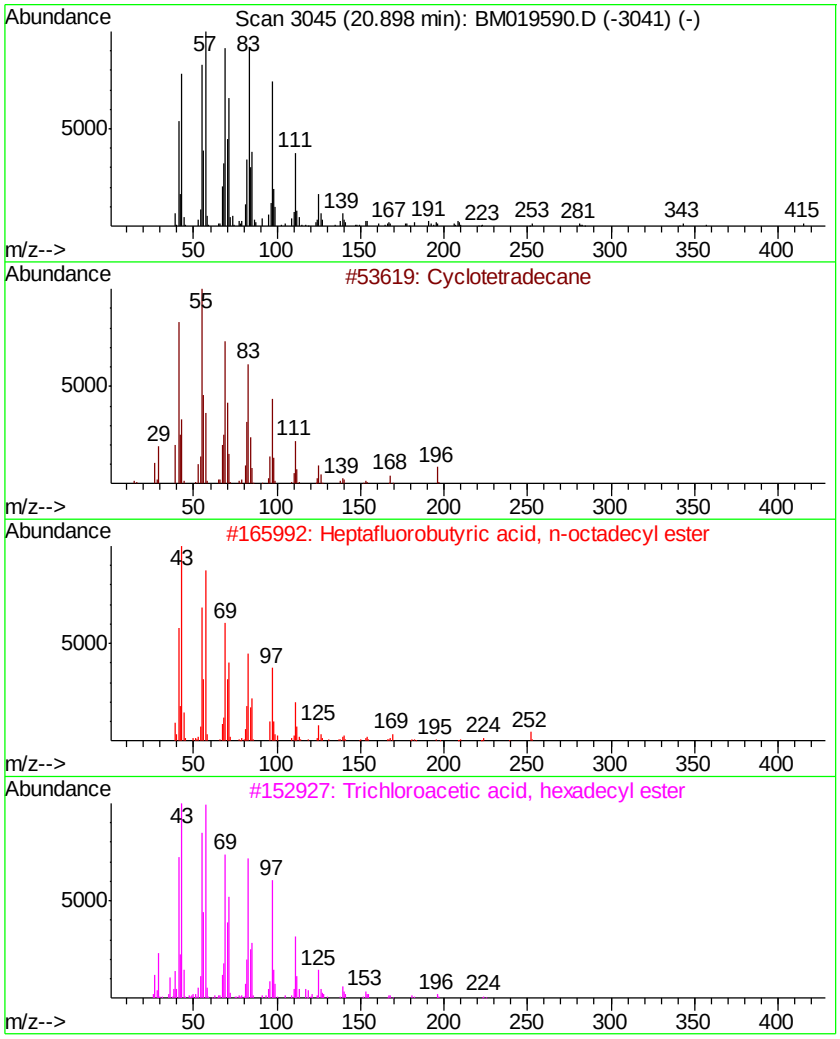
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

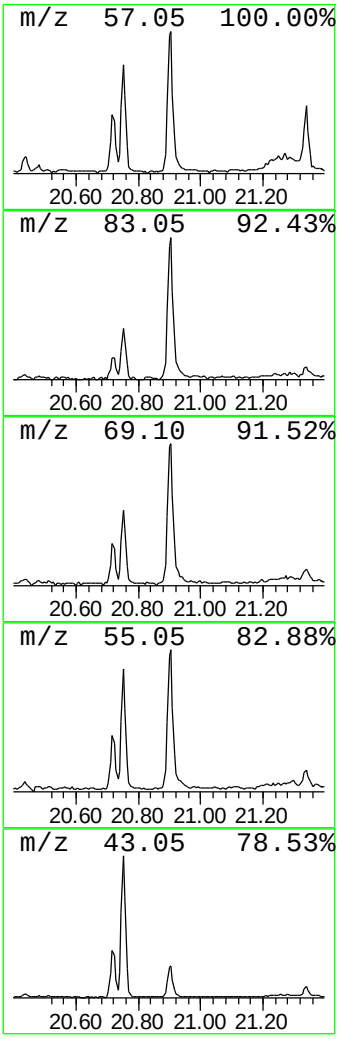
****

Peak Number 5 (DEL) Alkane: Cyclic20.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.24 ng/ul	381668	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF7TO

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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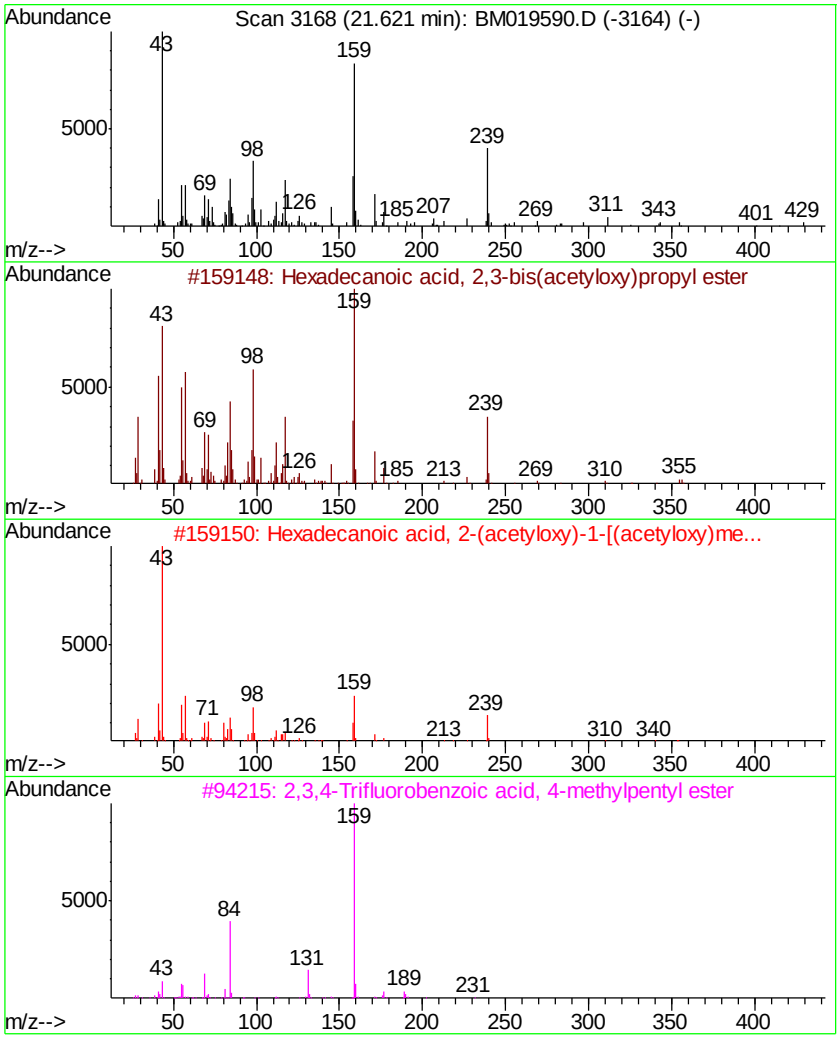
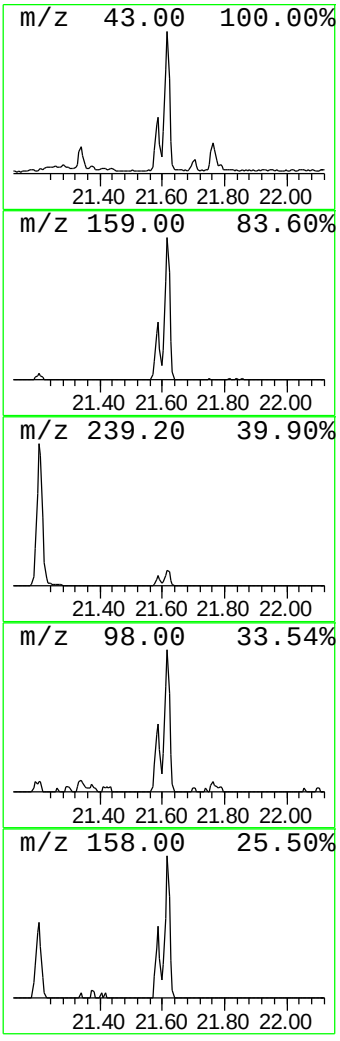
Peak Number 6 Hexadecanoic acid, 2-(acety... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.19 ng/ul	258731	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	90
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	50
3	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	22
4	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	22
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
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Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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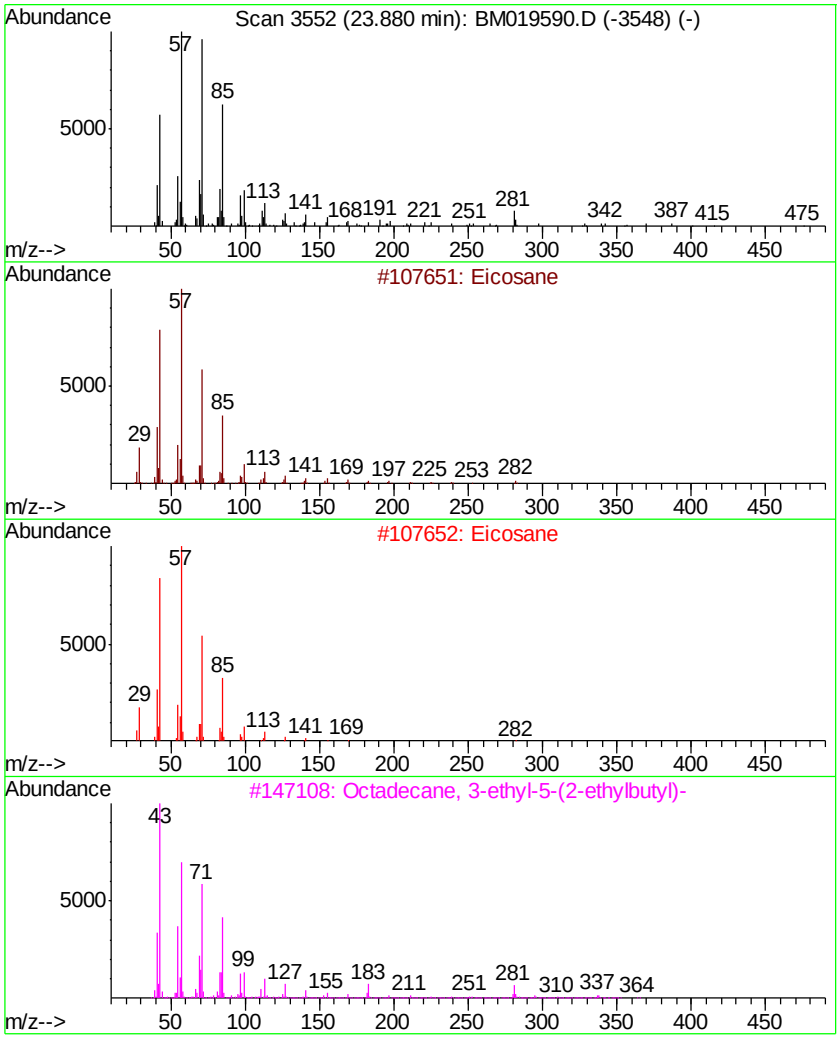
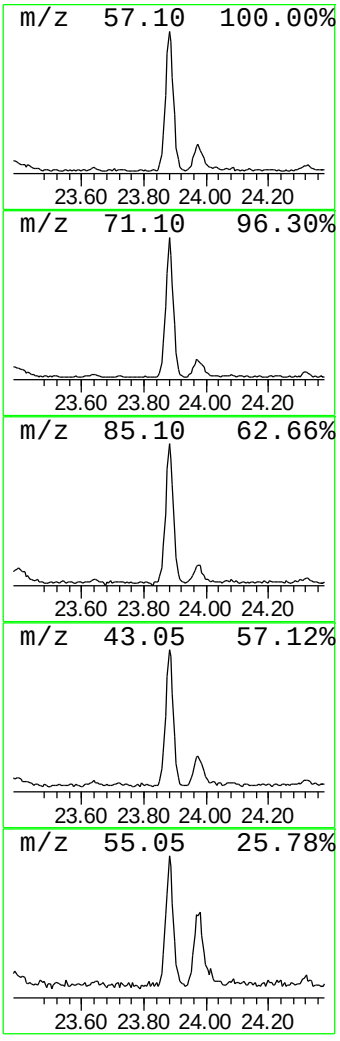
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.46 ng/ul	337003	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	91
4	Eicosane	282	C20H42	000112-95-8	89
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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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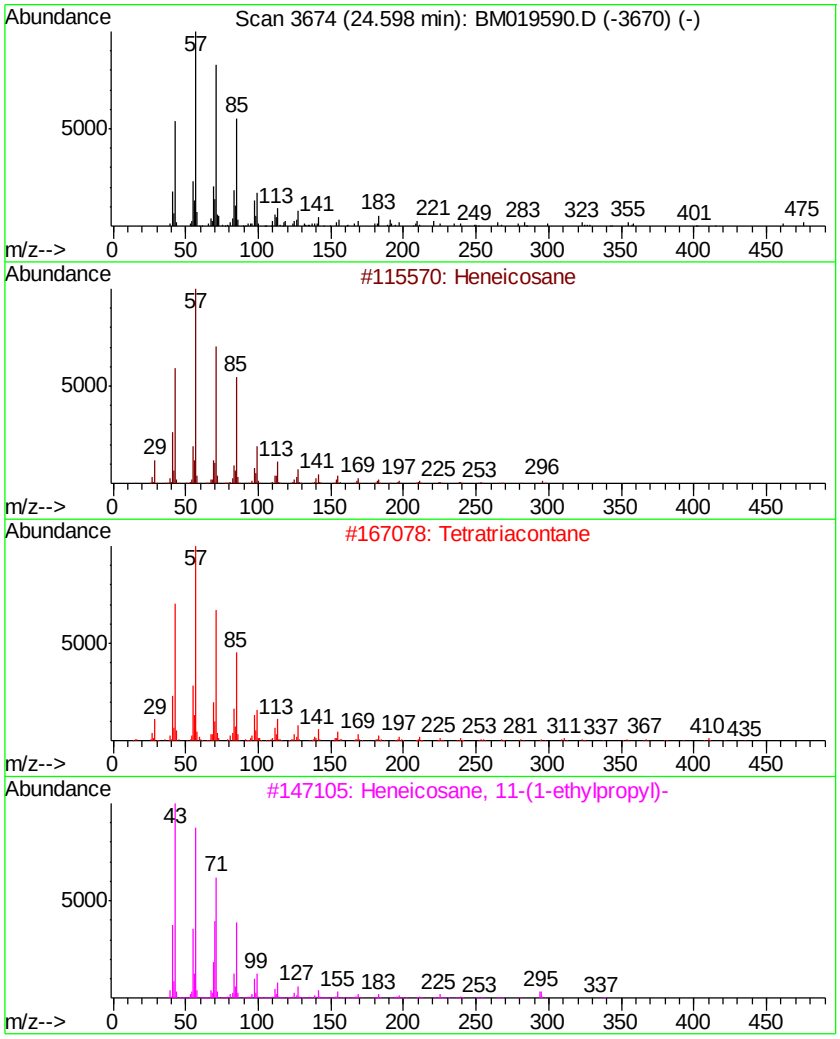
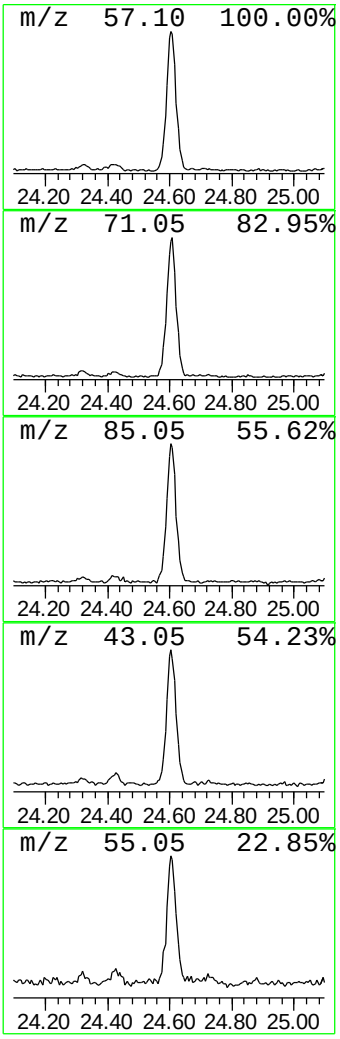
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	2.66 ng/ul	365165	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019590.D
Acq On : 29 Mar 2019 21:26
Operator : JU/SJ
Sample : K2085-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7TO

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
unknown-01	19.74	4.7	ng/ul	548884	5	21.20	2359540	20.0
unknown-02	19.78	10.3	ng/ul	1211630	5	21.20	2359540	20.0
Myristin, 2,3-dia...	20.72	2.0	ng/ul	237777	5	21.20	2359540	20.0
Hexadecanoic acid...	20.75	4.3	ng/ul	511860	5	21.20	2359540	20.0
(DEL) Alkane: Cyc...	20.90	3.2	ng/ul	381668	5	21.20	2359540	20.0
Hexadecanoic acid...	21.62	2.2	ng/ul	258731	5	21.20	2359540	20.0
(DEL) Alkane: Str...	23.88	2.5	ng/ul	337003	6	23.40	2743030	20.0
(DEL) Alkane: Str...	24.60	2.7	ng/ul	365165	6	23.40	2743030	20.0