LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020844.D
Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

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-BM060619MA.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	3.046	6	10	25	rVB	2293706	2780694	4.92%	1.520%
2	3.305	50	54	63	rVB	100940	132336	0.23%	0.072%
3	3.581	97	101	109	rBV	50534	73715	0.13%	0.040%
4	6.969	670	677	693	rVB	1708720	2882517	5.10%	1.576%
5	7.146	701	707	719	rBV	1360835	2172266	3.85%	1.188%
6	7.340	733	740	749	rVB	1939564	2939792	5.20%	1.607%
7	7.810	813	820	826	rBV	1088583	1699405	3.01%	0.929%
8	8.510	931	939	948	rBV	2092832	3405695	6.03%	1.862%
9	8.969	1010	1017	1026	rVV	1714178	2824744	5.00%	1.544%
10	9.351	1074	1082	1087	rBV2	44003	69755	0.12%	0.038%
11	9.687	1131	1139	1151	rBV	1469114	2400485	4.25%	1.313%
12	10.216	1219	1229	1240	rBV	2382137	3966599	7.02%	2.169%
13	10.598	1286	1294	1302	rBV	1484528	2453115	4.34%	1.341%
14	10.739	1310	1318	1334	rBV	2019483	3535991	6.26%	1.933%
15	11.639	1464	1471	1480	rBV	54178	105841	0.19%	0.058%
16	12.186	1559	1564	1571	rVB	38094	57555	0.10%	0.031%
17	13.857	1839	1848	1852	rBV	4135710	5759653	10.20%	3.149%
18	13.904	1852	1856	1864	rVB	1807584	2402573	4.25%	1.314%
19	14.139	1889	1896	1905	rVB	4793687	6997641	12.39%	3.826%
20	14.445	1939	1948	1960	rVB2	2186397	3251784	5.76%	1.778%
21	14.645	1973	1982	1995	rBV	1625702	2457360	4.35%	1.344%
22	15.239	2077	2083	2088	rBV	52309	78654	0.14%	0.043%
23	15.439	2110	2117	2126	rBV	5973668	8481271	15.01%	4.637%
24	15.557	2131	2137	2146	rBV	1436250	2010237	3.56%	1.099%
25	15.680	2153	2158	2165	rVB	80841	118712	0.21%	0.065%
26	17.192	2409	2415	2421	rBV2	2642807	3651109	6.46%	1.996%
27	17.292	2425	2432	2440	rBV	6352083	8674764	15.36%	4.743%
28	17.568	2471	2479	2487	rBV8	28158	63715	0.11%	0.035%
29	17.962	2540	2546	2553	rBV6	30210	65864	0.12%	0.036%
30	18.080	2561	2566	2576	rBV	1158281	1744107	3.09%	0.954%
31	19.215	2755	2759	2762	rBV	125161	185533	0.33%	0.101%
32	19.362	2779	2784	2792	rBV	402585	652386	1.15%	0.357%
33	19.468	2799	2802	2806	rVB	58312	80718	0.14%	0.044%
34	19.586	2815	2822	2834	rBV	7116974	9756760	17.27%	5.335%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020844.D
Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

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-BM060619MA.M
Title : SVOA CALIBRATION

35	20.092	2904	2908	2911	rBV3	79041	109658	0.19%	0.060%
36	20.121	2911	2913	2917	rVB	56658	62047	0.11%	0.034%
37	20.221	2927	2930	2935	rBV5	38560	66599	0.12%	0.036%
38	20.615	2993	2997	3001	rVB2	99106	126103	0.22%	0.069%
39	21.074	3070	3075	3088	rBV	1947323	2524762	4.47%	1.380%
40	21.368	3120	3125	3130	rBV	2952678	3718559	6.58%	2.033%
41	21.515	3146	3150	3155	rBV	402864	461544	0.82%	0.252%
42	21.956	3221	3225	3237	rBV2	825936	1654802	2.93%	0.905%
43	22.427	3300	3305	3311	rBV	940171	1313795	2.33%	0.718%
44	22.556	3324	3327	3335	rVB	221391	317915	0.56%	0.174%
45	22.945	3388	3393	3398	rBV	1689556	2476521	4.38%	1.354%
46	22.992	3398	3401	3409	rVB2	237248	380842	0.67%	0.208%
47	23.509	3481	3489	3501	rBV2	5430413	11141569	19.72%	6.092%
48	23.650	3507	3513	3520	rBV	2026608	3818749	6.76%	2.088%
49	24.186	3598	3604	3613	rBV	1150389	2171096	3.84%	1.187%
50	24.280	3615	3620	3632	rVB	403336	862596	1.53%	0.472%
51	24.956	3730	3735	3741	rVB2	362425	734448	1.30%	0.402%
52	27.721	4195	4205	4220	rVB4	1857764	6523856	11.55%	3.567%
53	28.121	4257	4273	4305	rVB2	14368502	56491805	100.00%	30.888%

Sum of corrected areas: 182890612

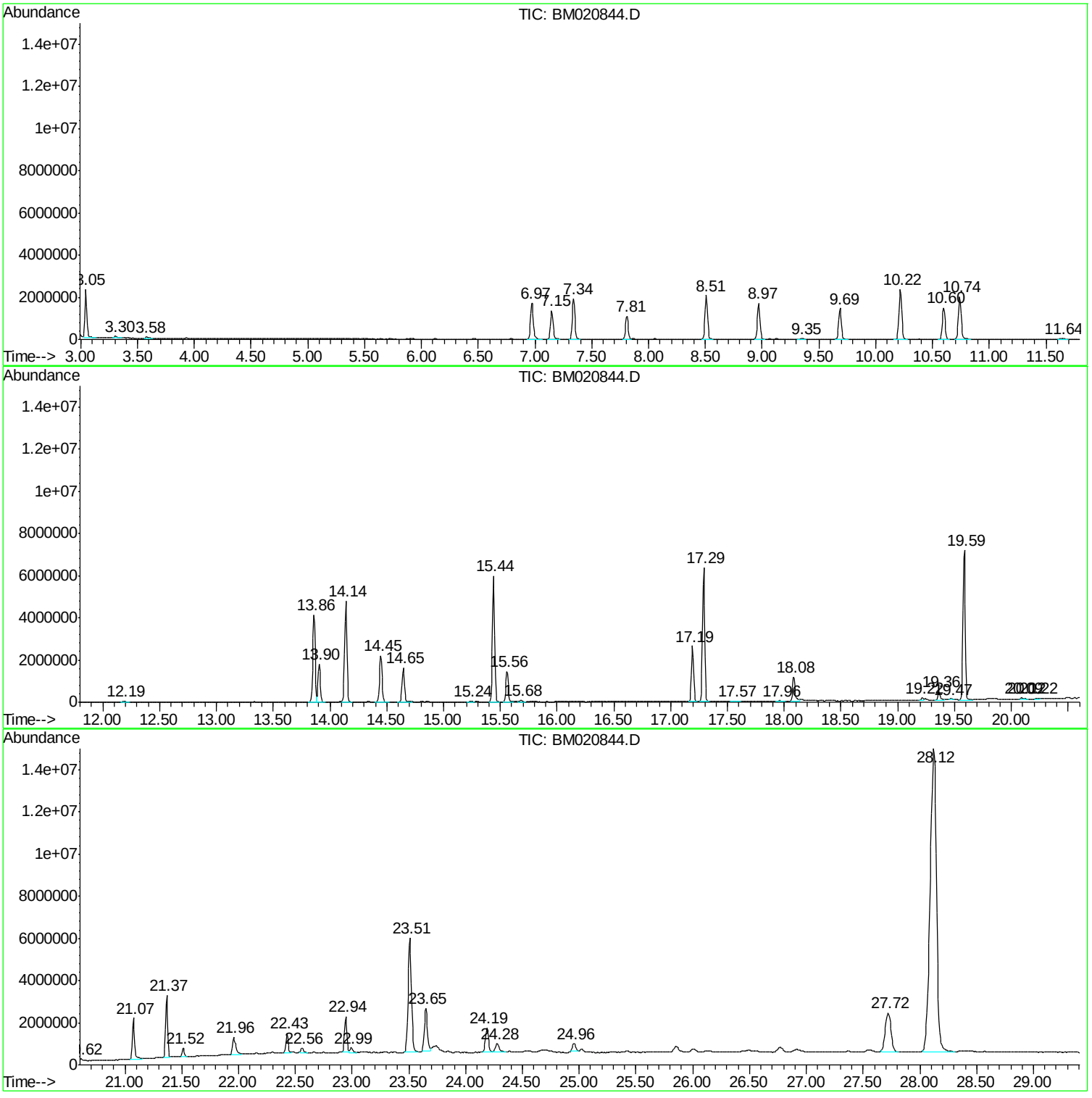
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020844.D
Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020844.D
Acq On : 10 Jun 2019 19:58
Operator : HP/JU
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Instrument : BNA_M
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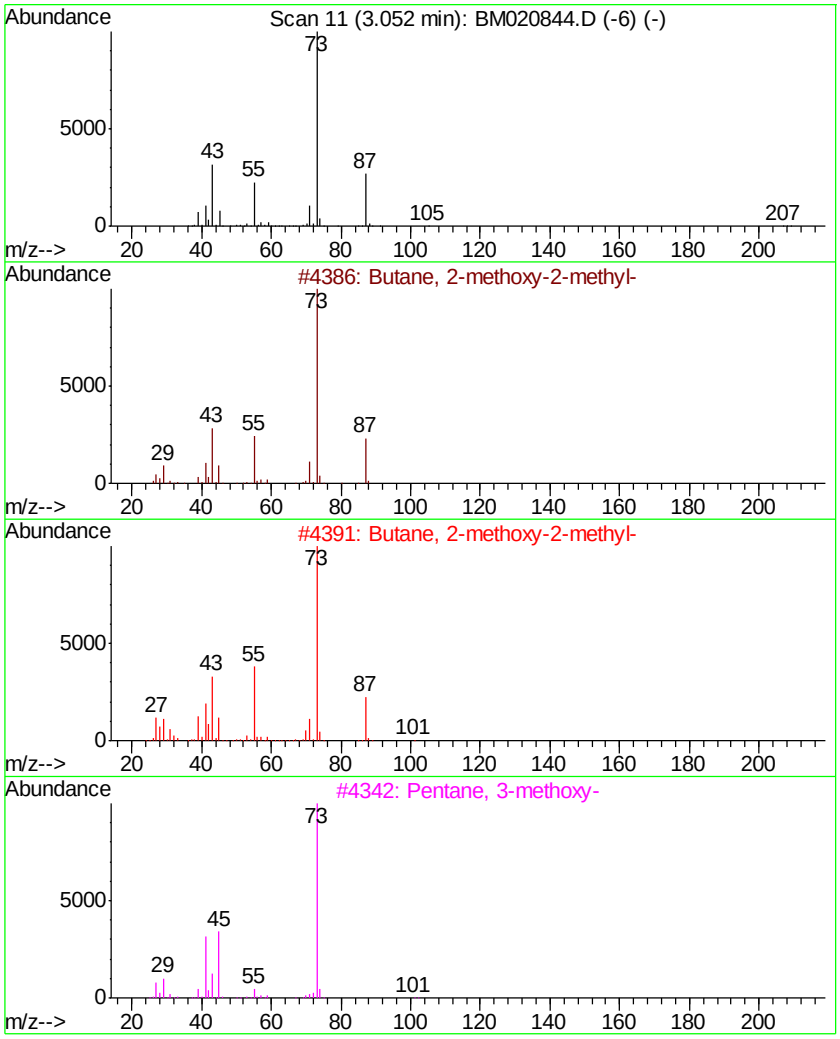
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

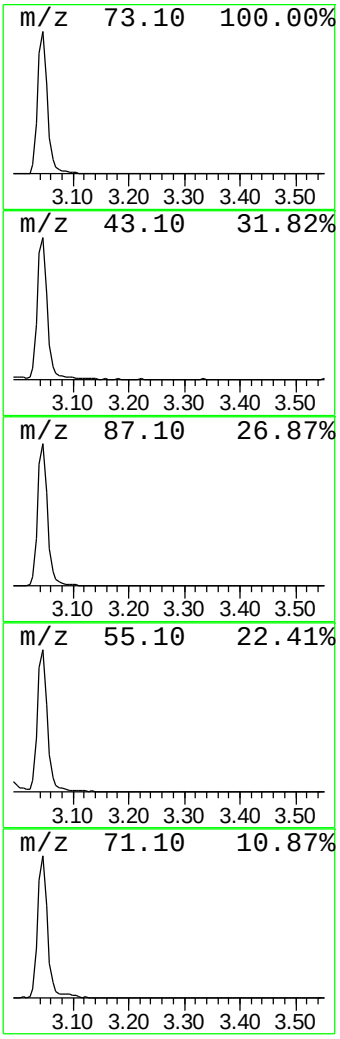
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	32.73 ng/ul	2780690	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

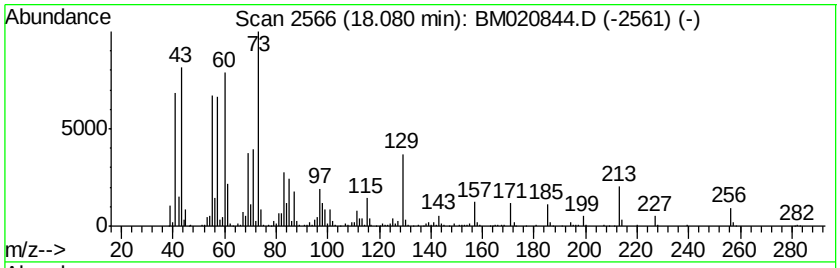
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

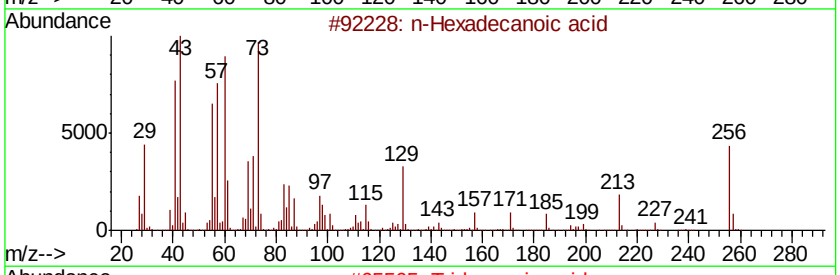
****

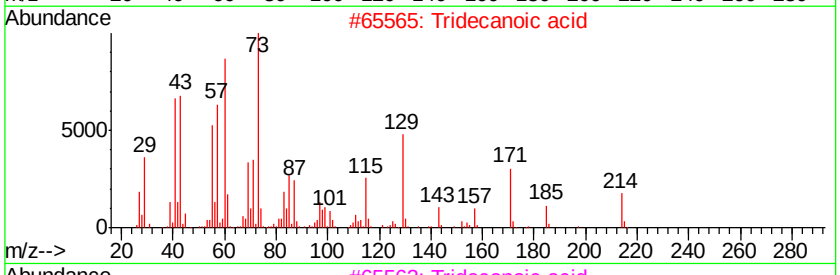
Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

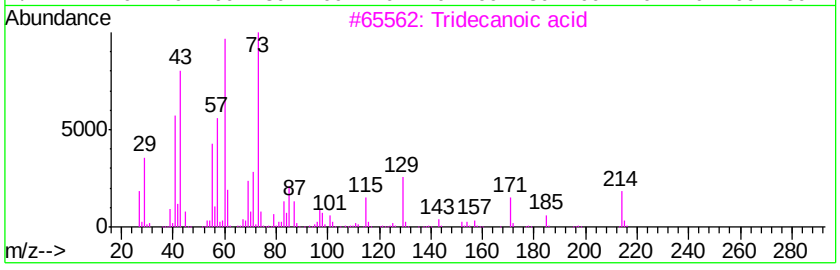
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	9.55 ng/ul	1744110	Phenanthrene-d10	17.19

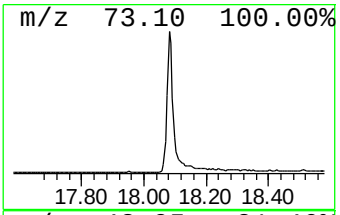
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76

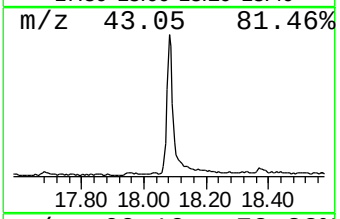


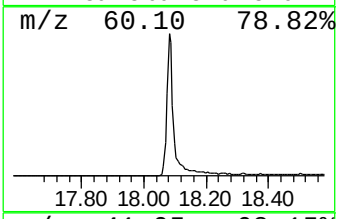


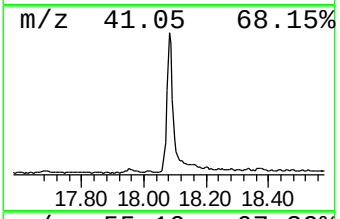


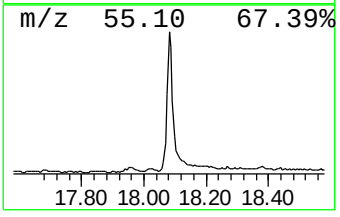












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020844.D
Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

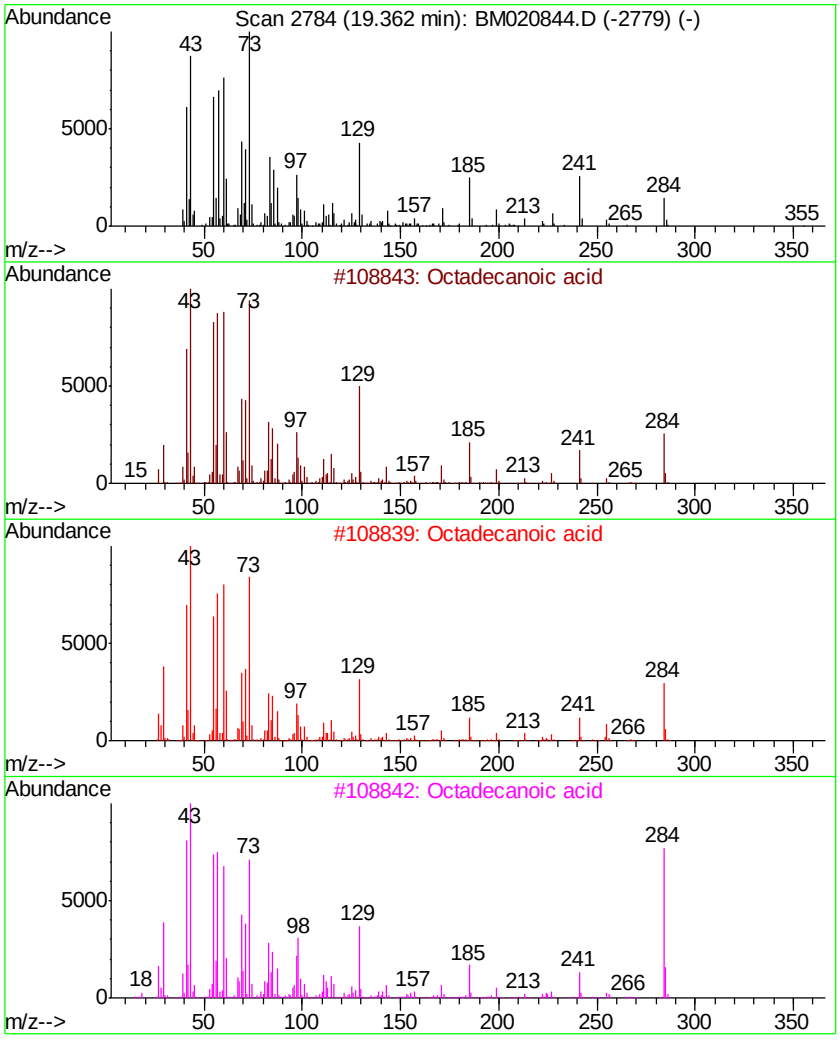
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

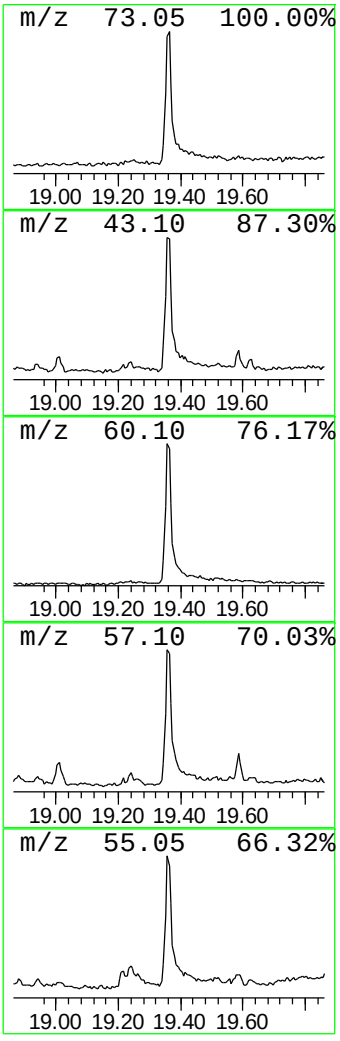
****

Peak Number 3 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.51 ng/ul	652386	Chrysene-d12	21.37

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

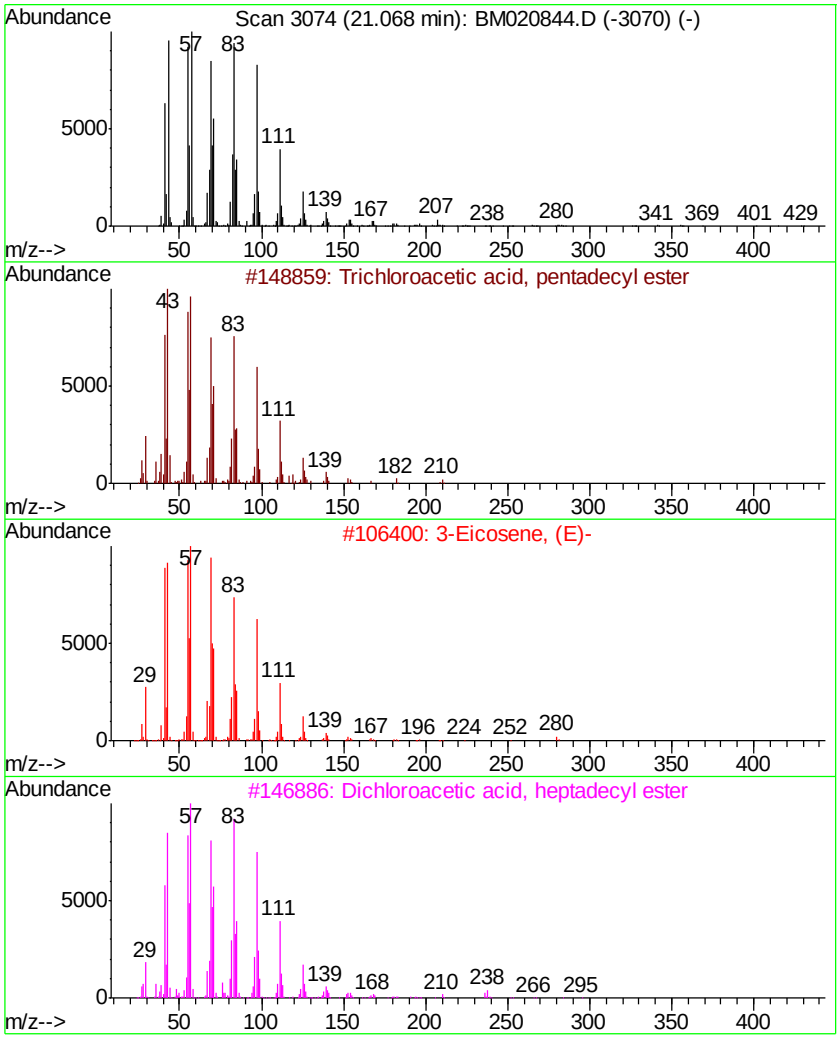
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

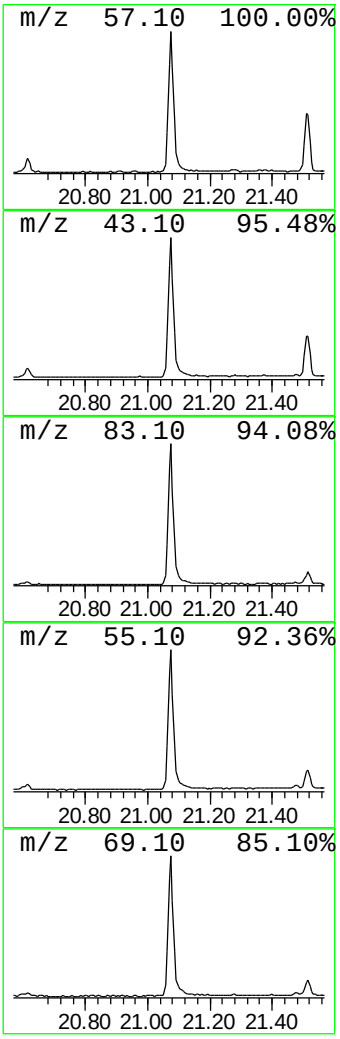
****

Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	13.58 ng/ul	2524760	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

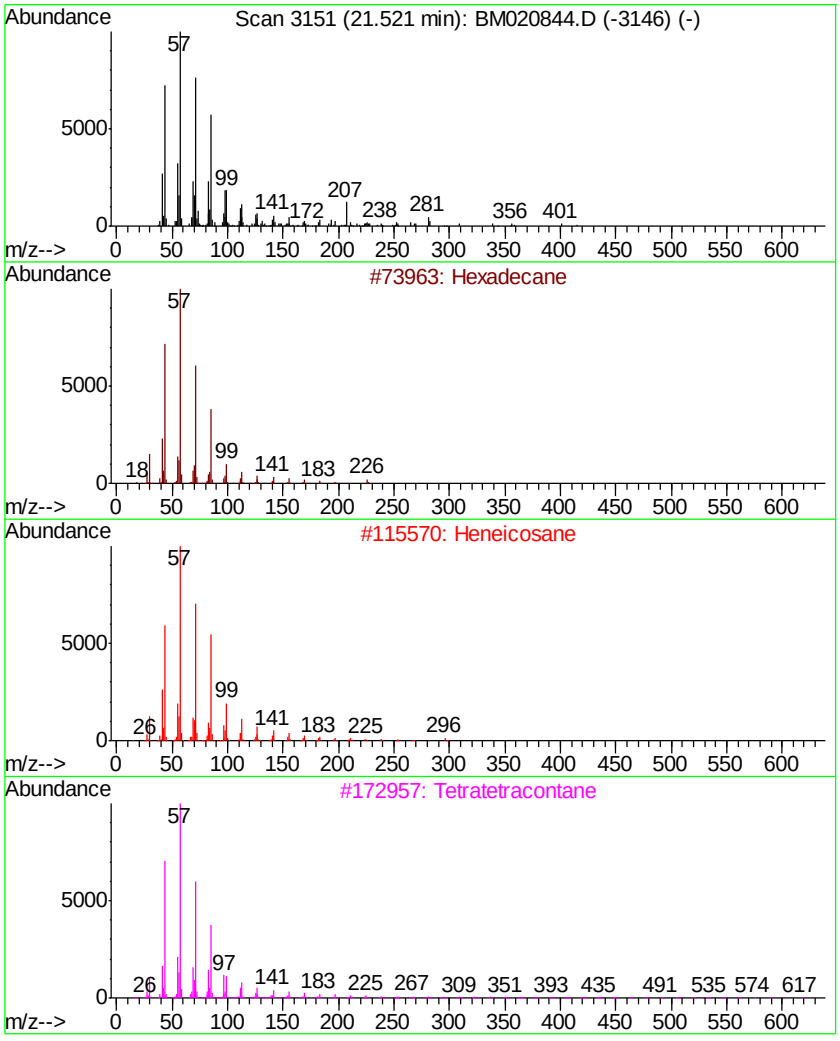
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

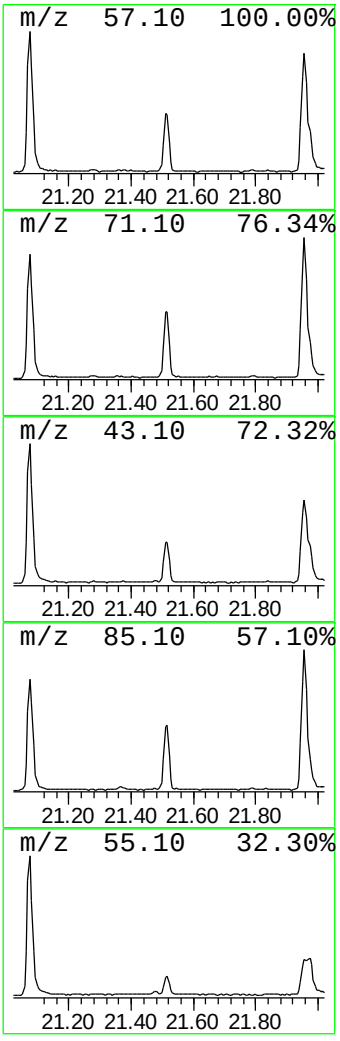
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.48 ng/ul	461544	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





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Operator : HP/JU
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Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

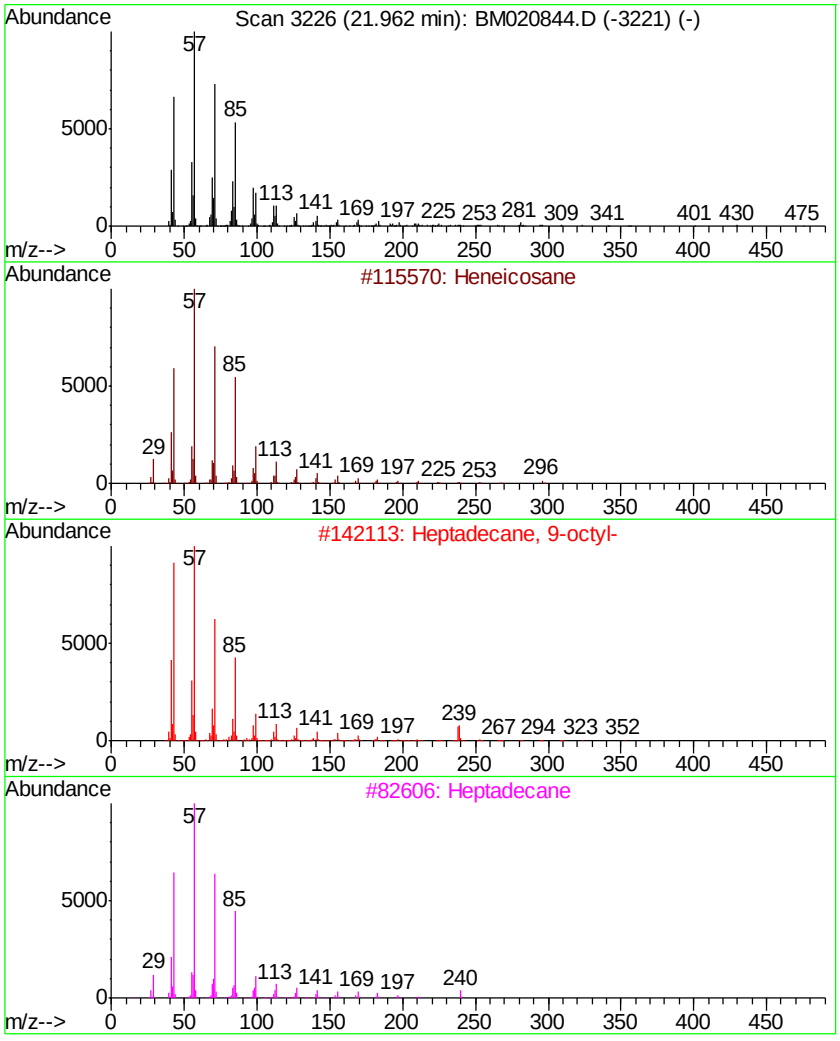
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

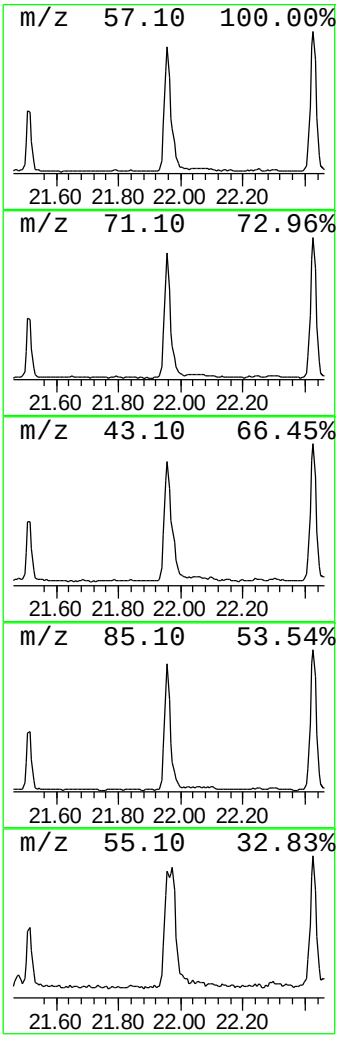
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	8.90 ng/ul	1654800	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Quant Title : SVOA CALIBRATION

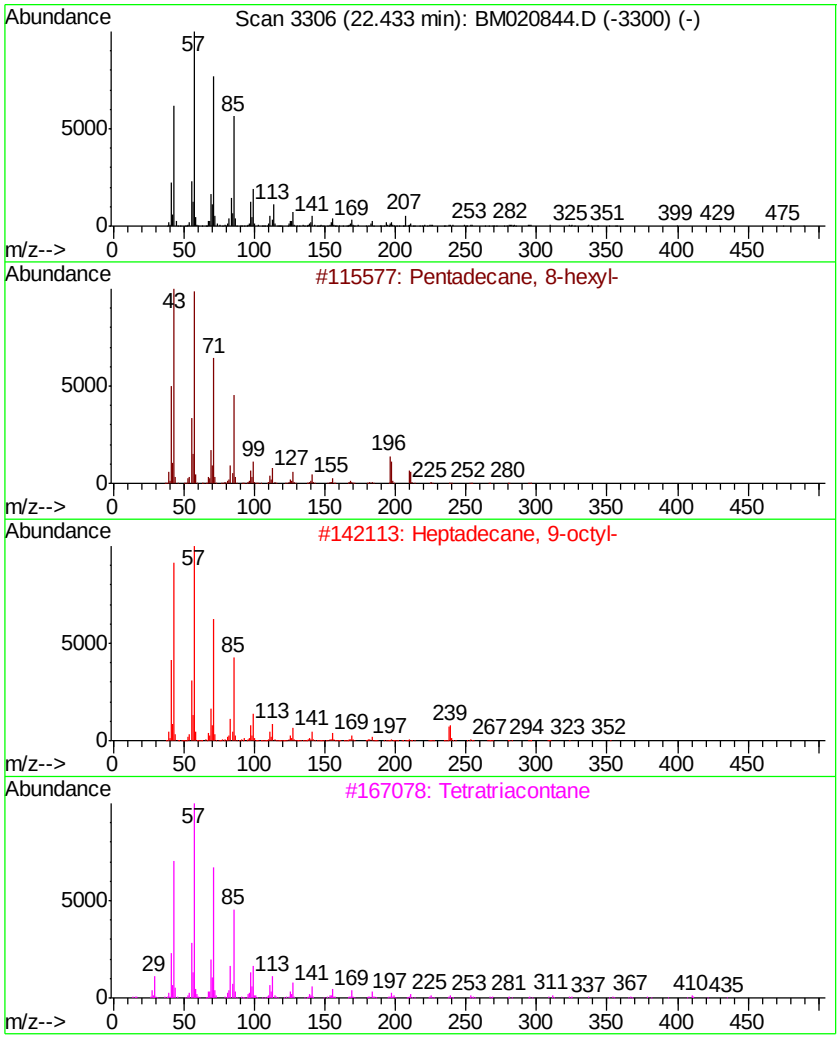
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

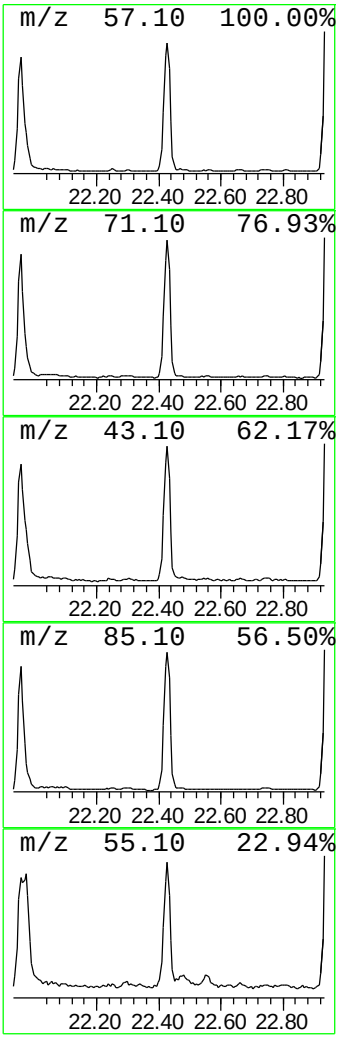
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	7.07 ng/ul	1313800	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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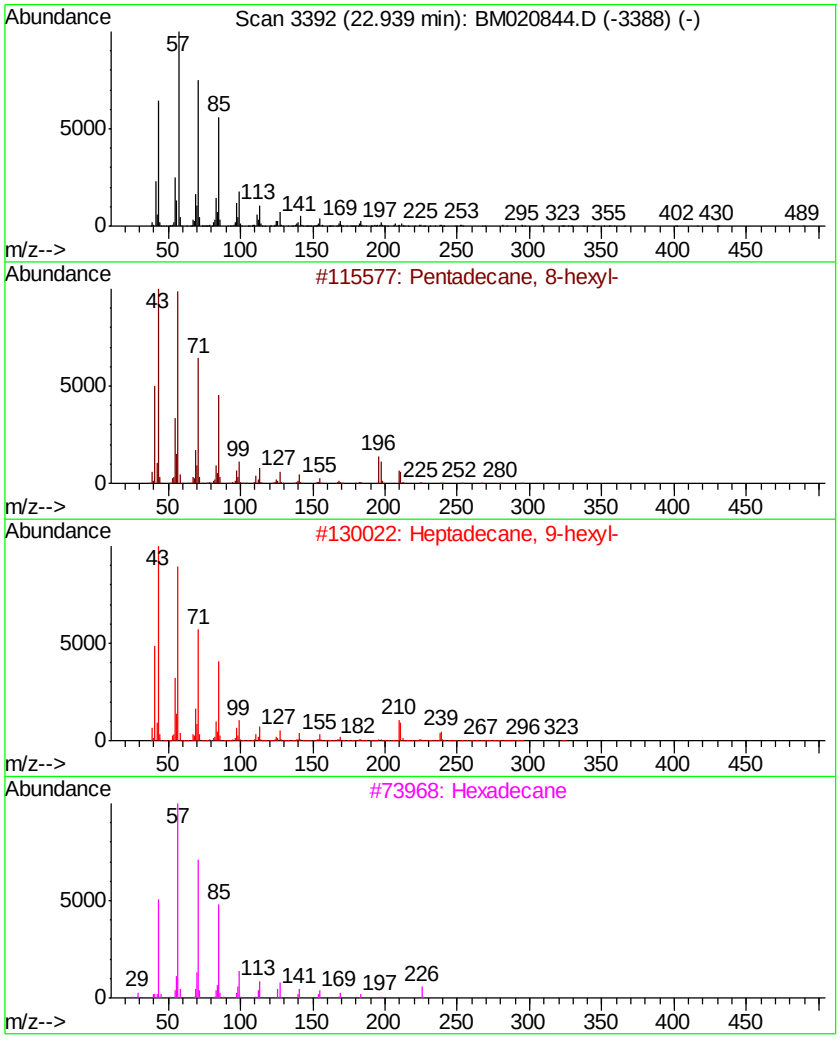
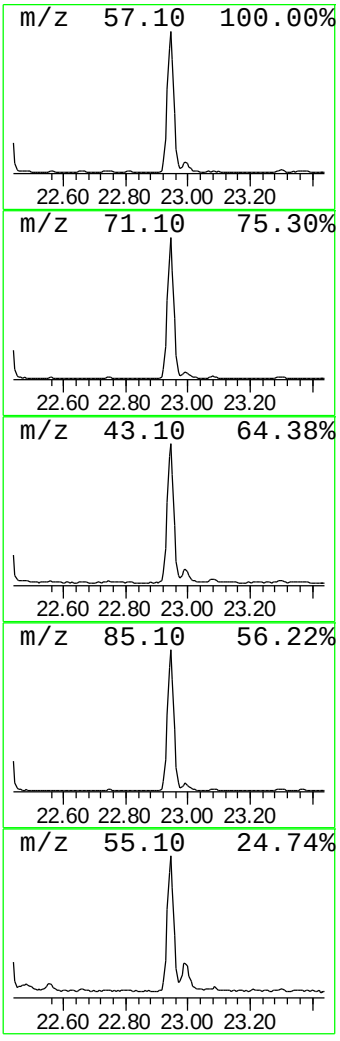
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	12.97 ng/ul	2476520	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Hexadecane	226	C16H34	000544-76-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

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Quant Title : SVOA CALIBRATION

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

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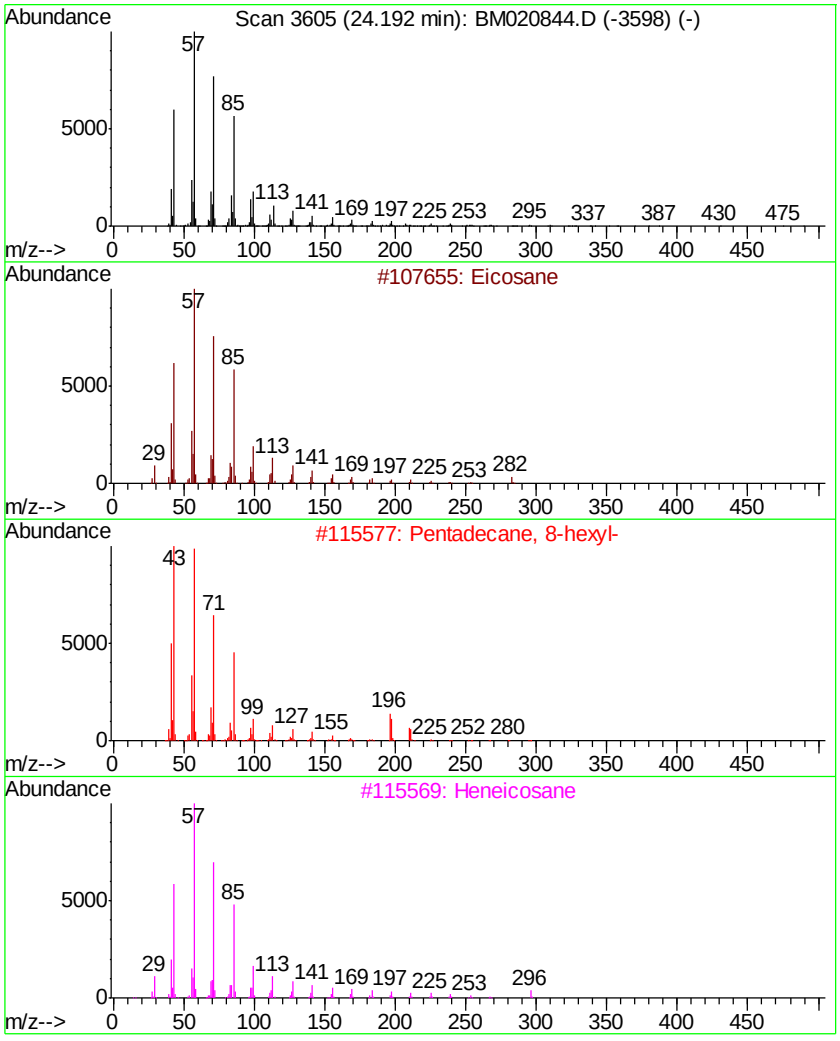
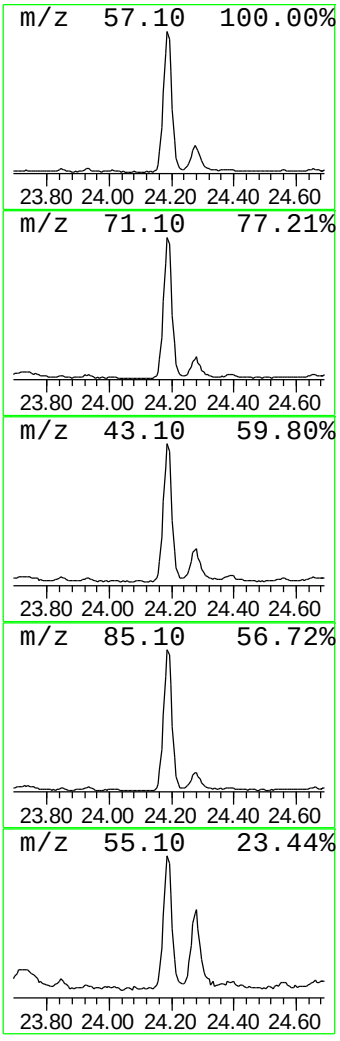
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	11.37 ng/ul	2171100	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : K3017-10
Misc :
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Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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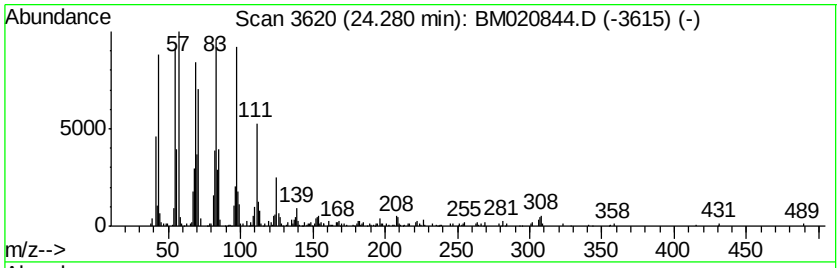
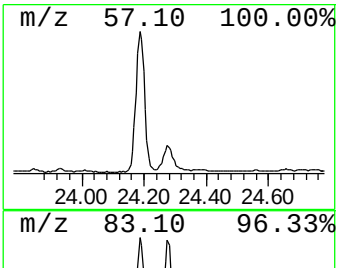
Peak Number 10 1-Heneicosyl formate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	4.52 ng/ul	862596	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
4	1-Docosene	308	C22H44	001599-67-3	89
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





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Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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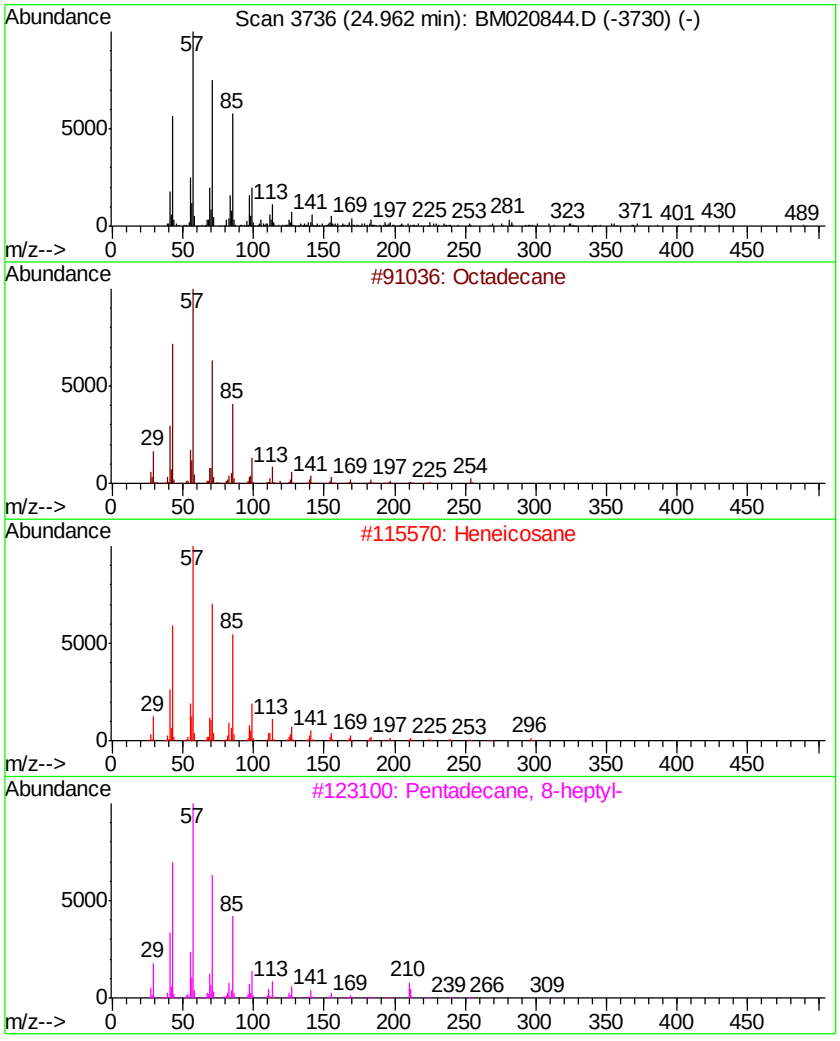
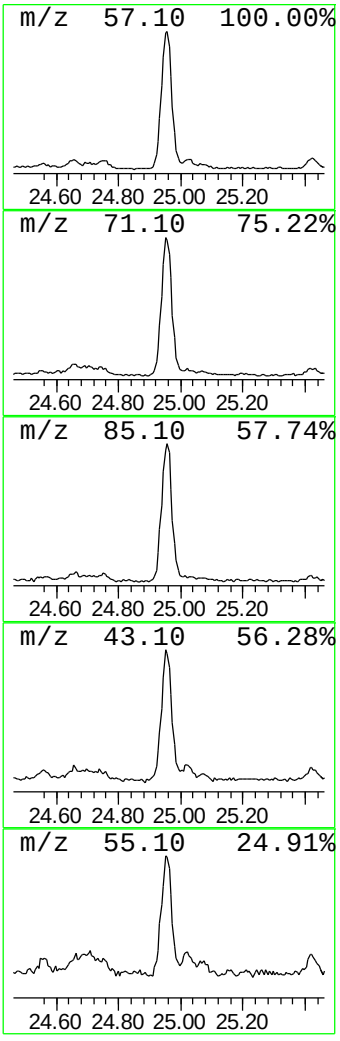
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	3.85 ng/ul	734448	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

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Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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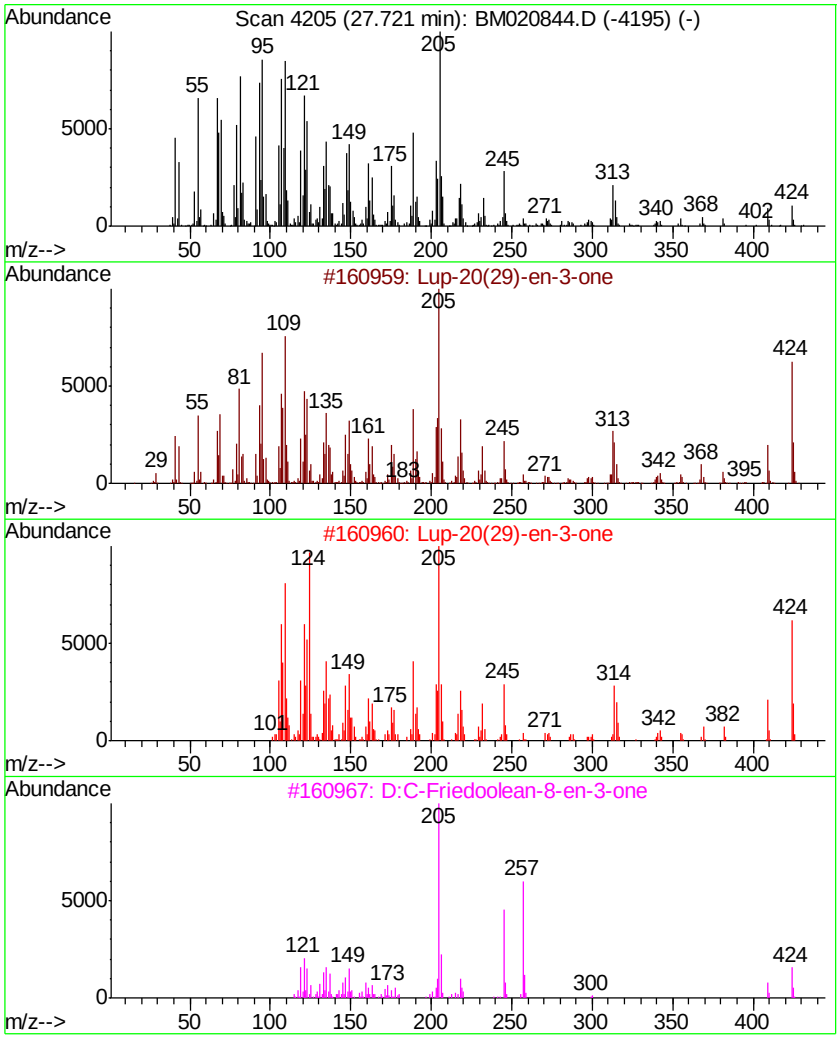
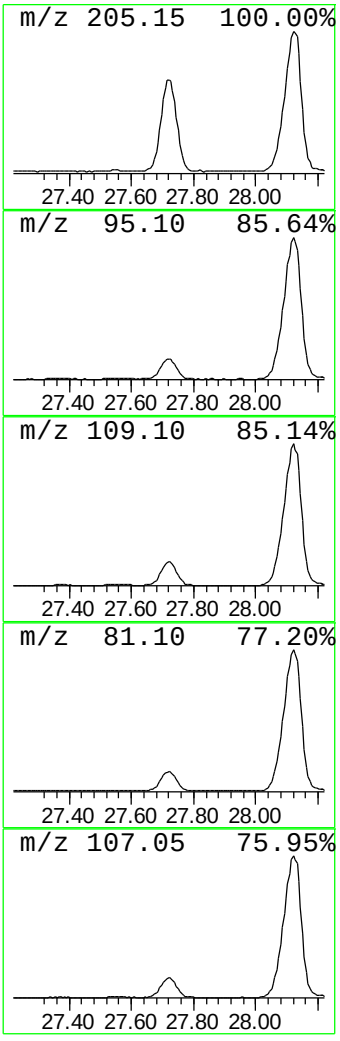
Peak Number 12 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.72	34.17 ng/ul	6523860	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	93
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	90
3	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	74
4	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	45
5	Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	43





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Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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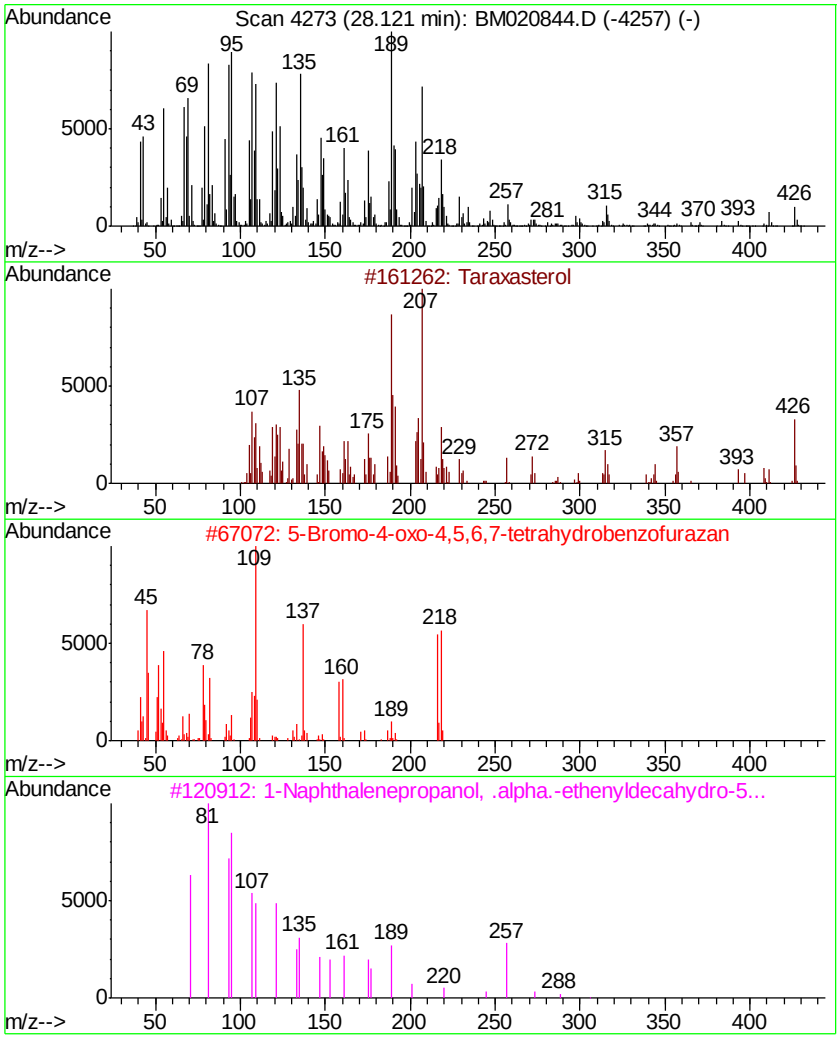
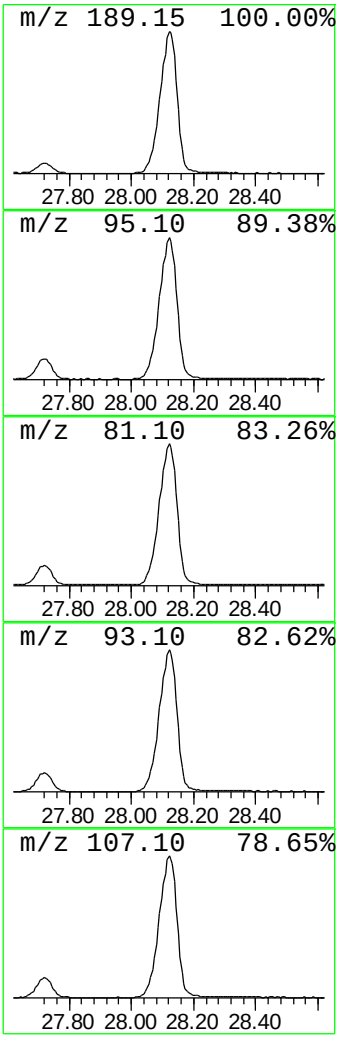
Peak Number 13 Taraxasterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.12	295.87 ng/ul	56491800	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Taraxasterol	426	C30H50O	001059-14-9	66
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	58
4	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	52
5	Longifolenaldehyde	220	C15H24O	019890-84-7	45





Tentatively Identified Compound (LSC) summary

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Data File : BM020844.D
Acq On : 10 Jun 2019 19:58
Operator : HP/JU
Sample : K3017-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.05	32.7	ng/ul	2780690	1	7.81	1699410	20.0
n-Hexadecanoic acid	18.08	9.6	ng/ul	1744110	4	17.19	3651110	20.0
Octadecanoic acid	19.36	3.5	ng/ul	652386	5	21.37	3718560	20.0
Trichloroacetic a...	21.07	13.6	ng/ul	2524760	5	21.37	3718560	20.0
(DEL) Alkane: Str...	21.52	2.5	ng/ul	461544	5	21.37	3718560	20.0
(DEL) Alkane: Str...	21.96	8.9	ng/ul	1654800	5	21.37	3718560	20.0
(DEL) Alkane: Str...	22.43	7.1	ng/ul	1313800	5	21.37	3718560	20.0
(DEL) Alkane: Str...	22.94	13.0	ng/ul	2476520	6	23.65	3818750	20.0
(DEL) Alkane: Str...	24.19	11.4	ng/ul	2171100	6	23.65	3818750	20.0
1-Heneicosyl formate	24.28	4.5	ng/ul	862596	6	23.65	3818750	20.0
(DEL) Alkane: Str...	24.96	3.9	ng/ul	734448	6	23.65	3818750	20.0
Lup-20(29)-en-3-one	27.72	34.2	ng/ul	6523860	6	23.65	3818750	20.0
Taraxasterol	28.12	295.9	ng/ul	56491800	6	23.65	3818750	20.0