LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.675	96	100	124	rVB	1232286	1924508	1.71%	0.202%
2	5.334	376	382	391	rVB	3141821	4391170	3.90%	0.460%
3	6.916	643	651	663	rBV	2469213	3901286	3.47%	0.409%
4	7.275	702	712	721	rBV	5403191	8700223	7.74%	0.912%
5	7.740	784	791	798	rBV	1334784	2046737	1.82%	0.214%
6	8.057	835	845	854	rBV	4388877	6976612	6.20%	0.731%
7	8.910	982	990	1007	rVB	3662231	5941260	5.28%	0.623%
8	10.534	1258	1266	1271	rBV	1686938	2781371	2.47%	0.291%
9	13.010	1679	1687	1694	rBV	8936285	13536705	12.04%	1.419%
10	14.392	1915	1922	1930	rBV2	2170281	3375893	3.00%	0.354%
11	15.886	2170	2176	2184	rBV	6397889	9017762	8.02%	0.945%
12	16.792	2316	2330	2351	rVB	1136923	5781233	5.14%	0.606%
13	17.139	2384	2389	2394	rBV2	2443407	3452368	3.07%	0.362%
14	18.051	2530	2544	2574	rVB	12880757	30293385	26.94%	3.175%
15	18.609	2627	2639	2652	rBV	5615233	18940778	16.84%	1.985%
16	19.174	2731	2735	2737	rVV	1287277	1957496	1.74%	0.205%
17	19.198	2737	2739	2747	rVV	2405162	4580251	4.07%	0.480%
18	19.339	2750	2763	2780	rVV	22368869	46105870	41.00%	4.832%
19	19.768	2823	2836	2849	rBV2	23499172	59092220	52.55%	6.193%
20	20.439	2946	2950	2953	rBV	1119174	1152736	1.03%	0.121%
21	20.574	2966	2973	2976	rVV	9637489	18533279	16.48%	1.942%
22	20.633	2976	2983	2996	rVB	35064243	73598477	65.44%	7.713%
23	21.033	3047	3051	3054	rBV	2697121	2840745	2.53%	0.298%
24	21.074	3054	3058	3064	rVB	1022765	1599585	1.42%	0.168%
25	21.362	3095	3107	3117	rVV2	43880086	99490809	88.47%	10.426%
26	21.474	3121	3126	3135	rVB	6974104	8567953	7.62%	0.898%
27	21.745	3168	3172	3176	rBV	1871662	2731384	2.43%	0.286%
28	21.792	3176	3180	3185	rBV	1562619	2470717	2.20%	0.259%
29	21.909	3195	3200	3208	rVB	12832505	15914427	14.15%	1.668%
30	22.045	3209	3223	3233	rBV	42726242	112459177	100.00%	11.785%
31	22.380	3274	3280	3288	rBV	16736342	24427146	21.72%	2.560%
32	22.456	3288	3293	3298	rVV	2575534	4742369	4.22%	0.497%
33	22.509	3298	3302	3305	rVV	1478866	2044954	1.82%	0.214%
34	22.550	3305	3309	3317	rVB	1267388	2369084	2.11%	0.248%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.780	3335	3348	3353	rBV	40695449	102471945	91.12%	10.739%
36	22.839	3353	3358	3361	rVV	1127293	1911960	1.70%	0.200%
37	22.897	3361	3368	3376	rVB	18076217	27666695	24.60%	2.899%
38	23.250	3423	3428	3433	rBV	1904471	3404842	3.03%	0.357%
39	23.315	3433	3439	3444	rBV3	2096801	4371502	3.89%	0.458%
40	23.474	3459	3466	3473	rVB	15450838	26537747	23.60%	2.781%
41	23.597	3474	3487	3497	rVB2	28278618	77252074	68.69%	8.096%
42	24.133	3570	3578	3588	rVB	10953720	22606663	20.10%	2.369%
43	24.533	3634	3646	3660	rBV	12632952	34243361	30.45%	3.589%
44	24.662	3664	3668	3680	rVB4	1113972	2951347	2.62%	0.309%
45	24.886	3699	3706	3715	rVB	4668496	10329524	9.19%	1.083%
46	25.344	3776	3784	3795	rVB4	3127967	9397257	8.36%	0.985%
47	25.621	3821	3831	3844	rVB	4667524	14857676	13.21%	1.557%
48	25.774	3851	3857	3867	rVB2	1416521	3680444	3.27%	0.386%
49	26.897	4042	4048	4061	rVB2	1998767	6798331	6.05%	0.712%

Sum of corrected areas: 954221338

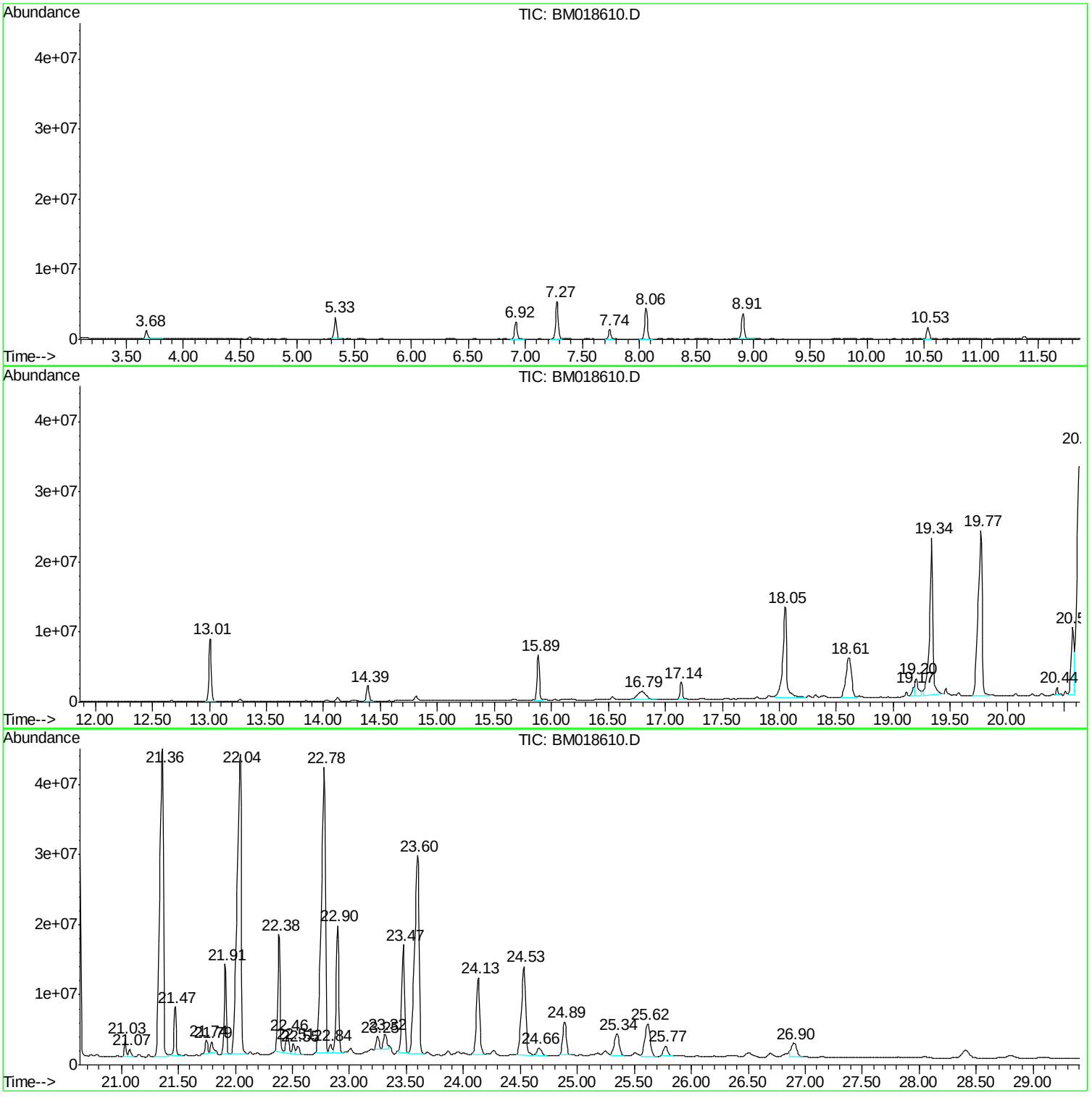
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

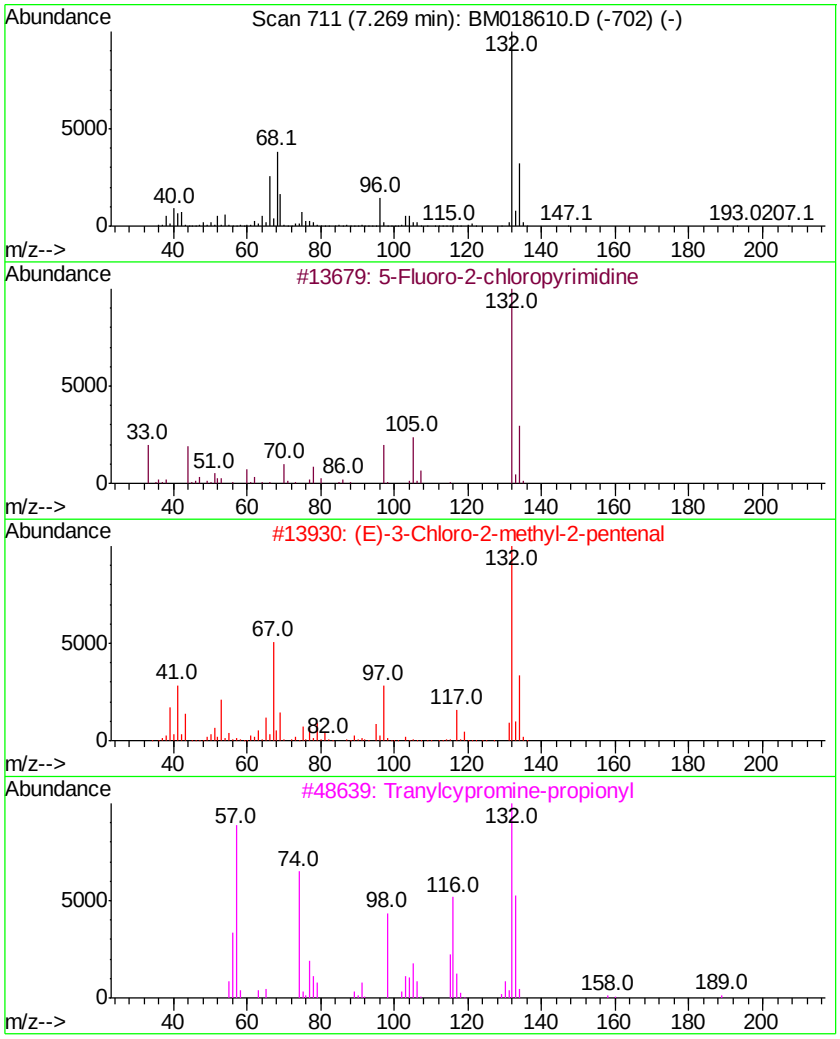
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

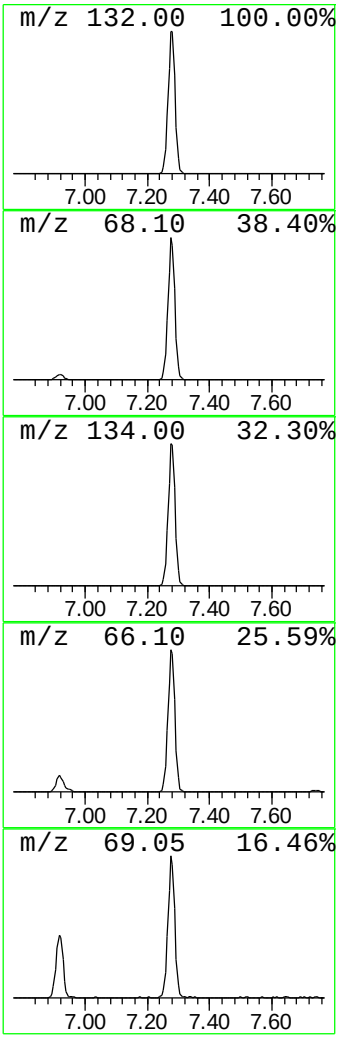
****

Peak Number 1 unknown7.27 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	85.02 ng	8700220	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

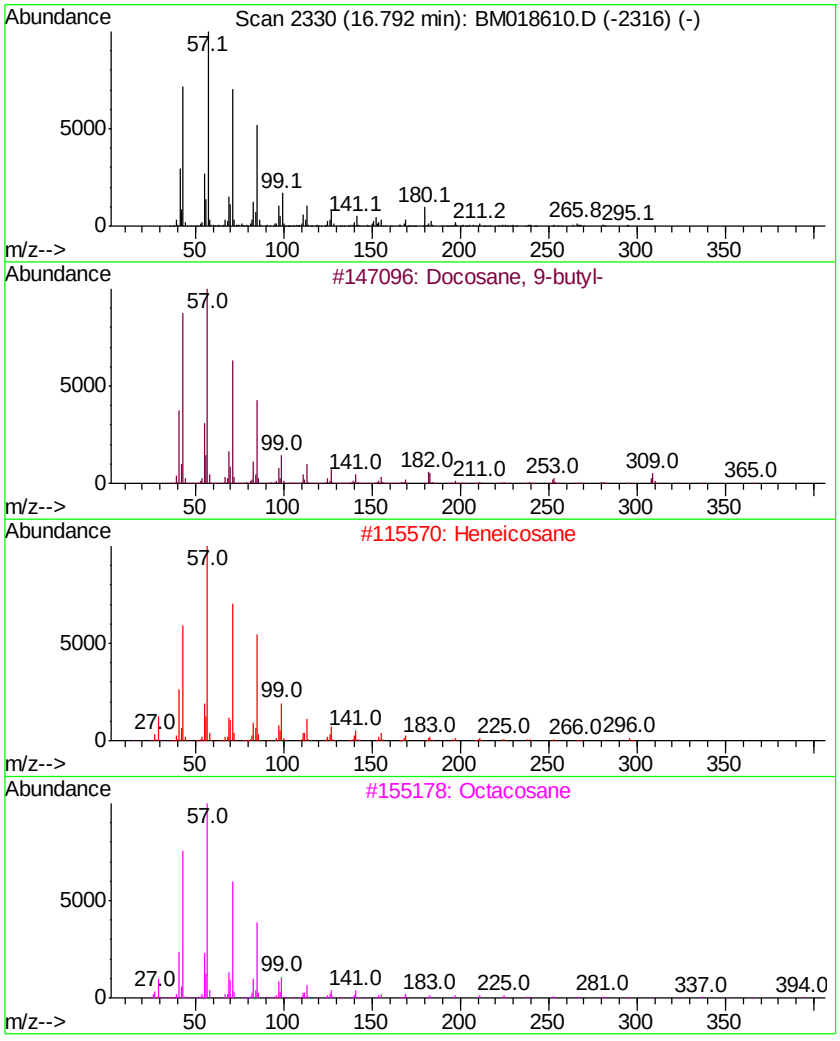
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

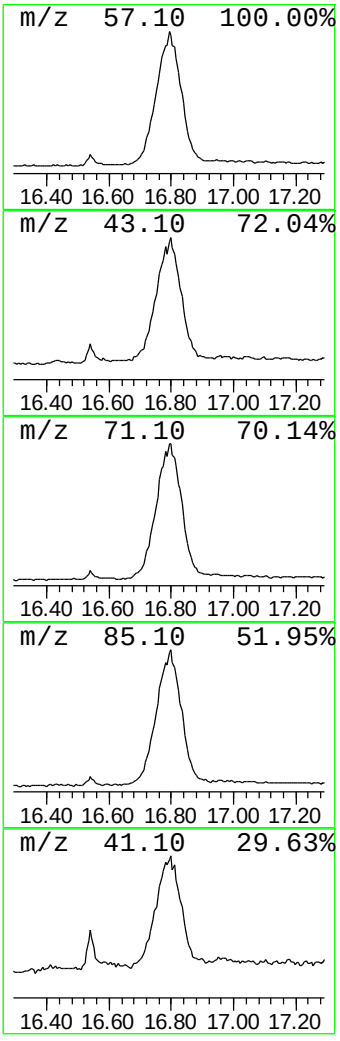
****

Peak Number 3 Docosane, 9-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	33.49 ng	5781230	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

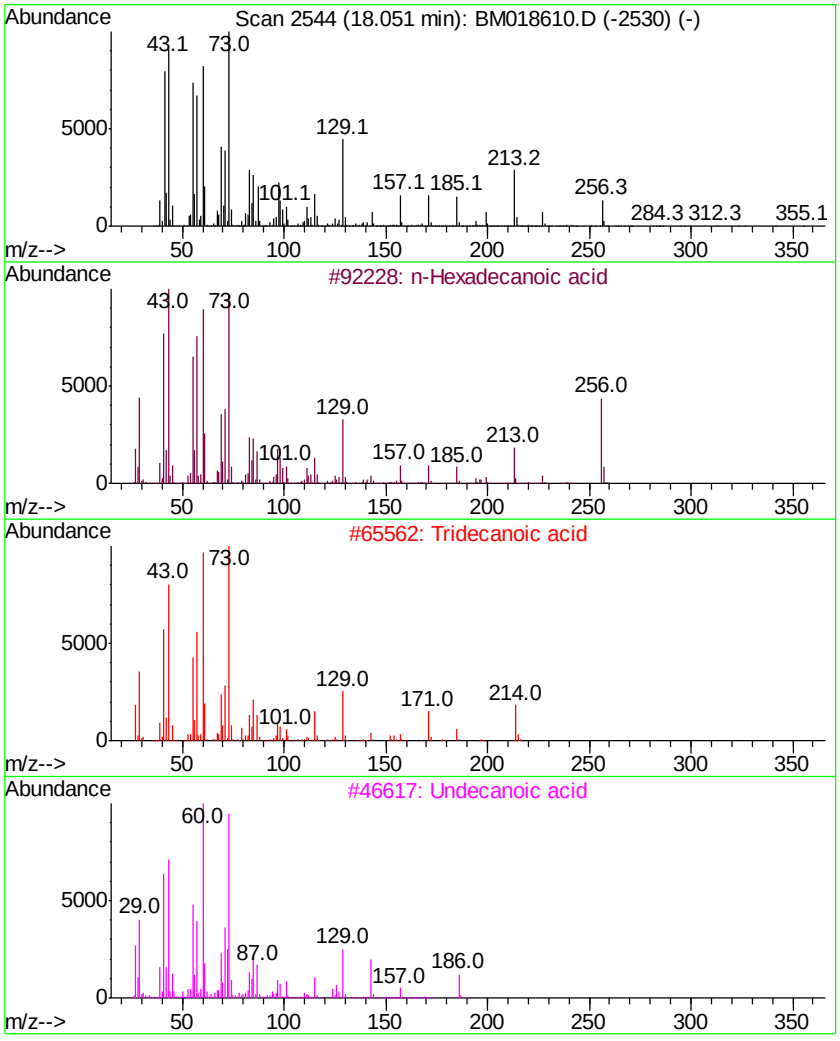
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

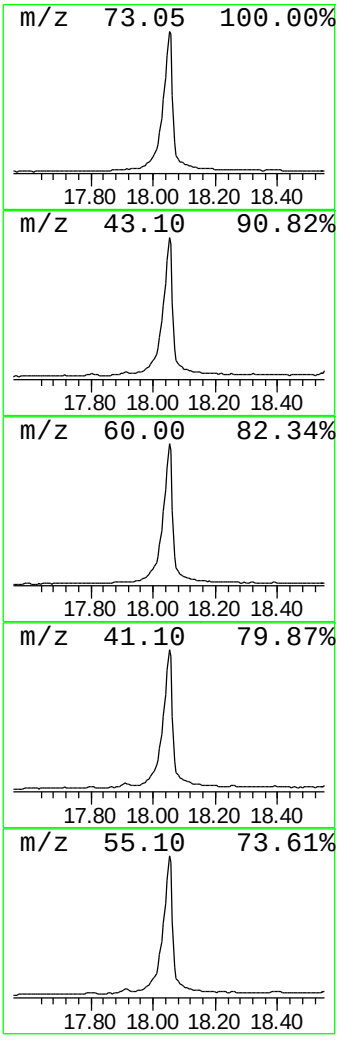
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	175.49 ng	30293400	Phenanthrene-d10	17.14

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	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

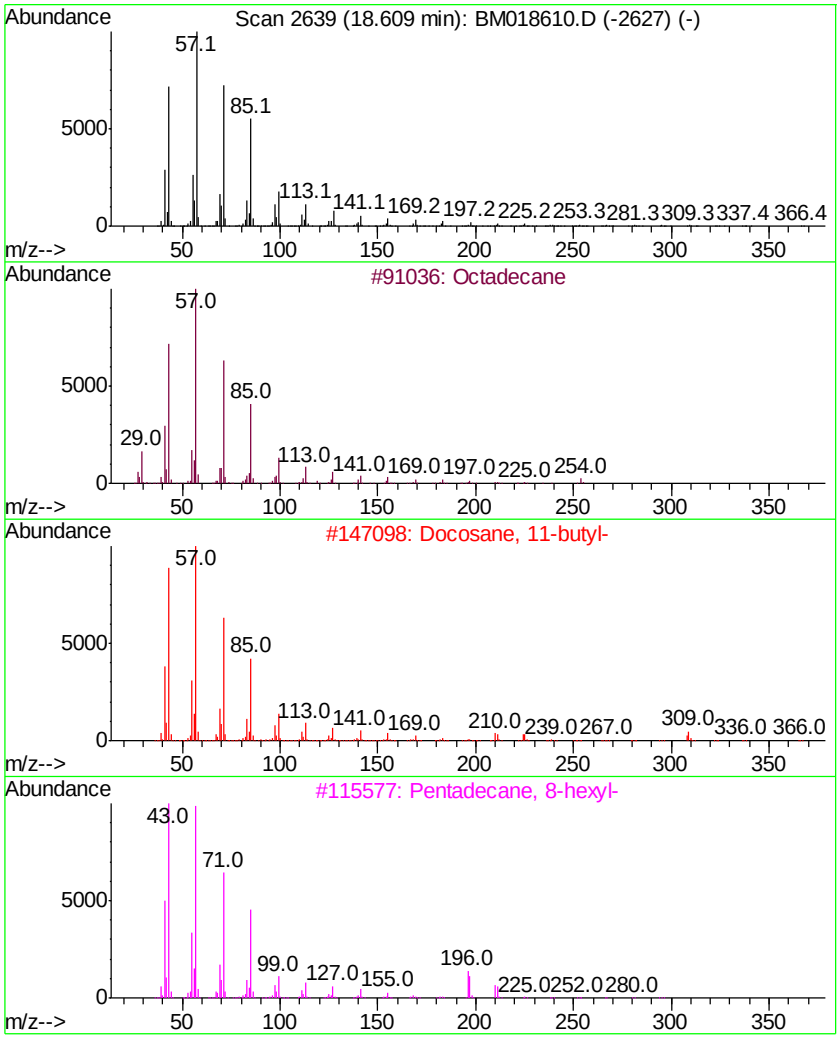
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

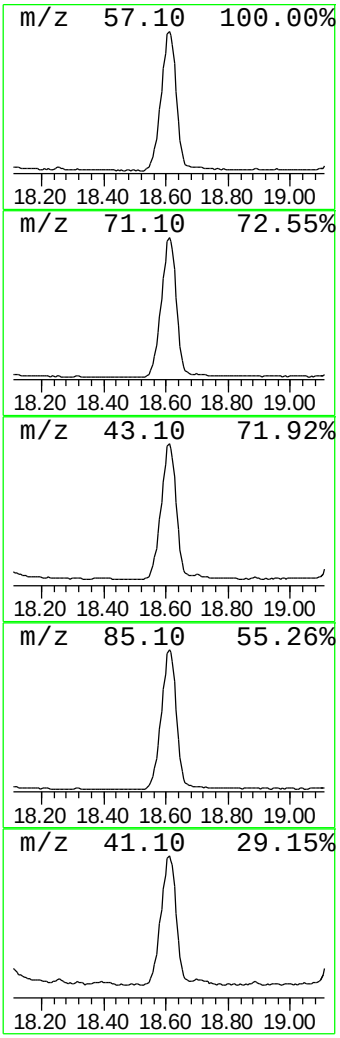
****

Peak Number 5 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	109.73 ng	18940800	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

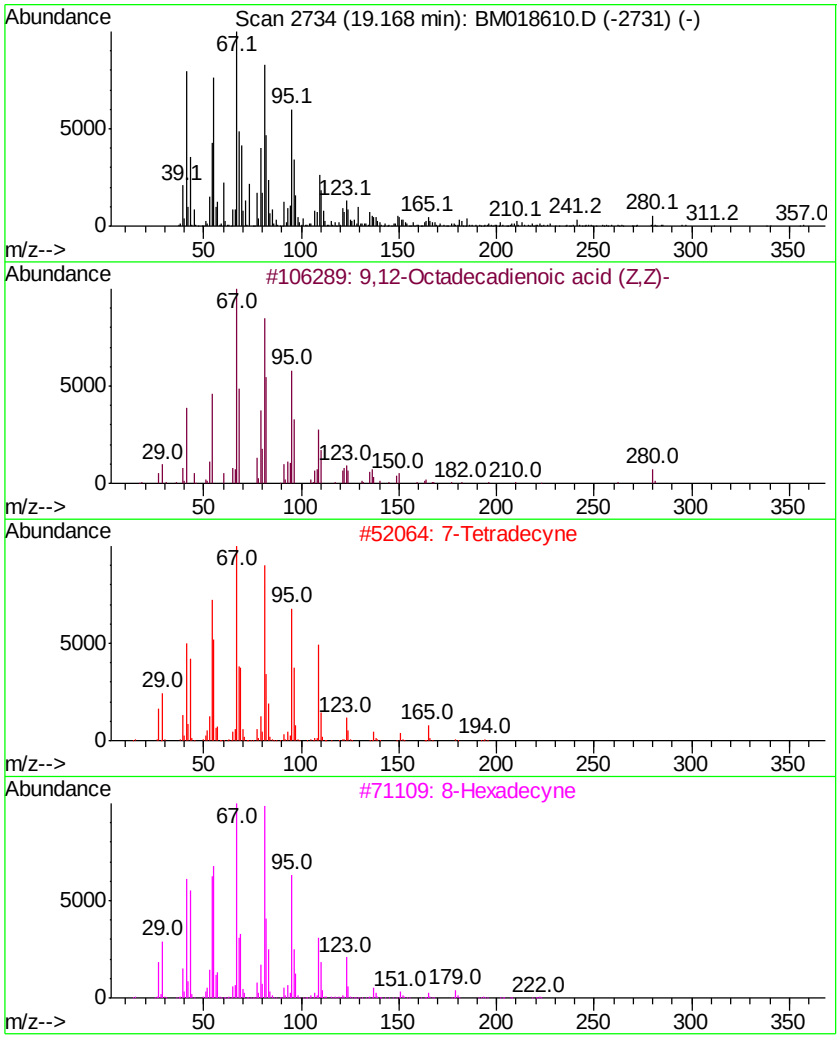
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

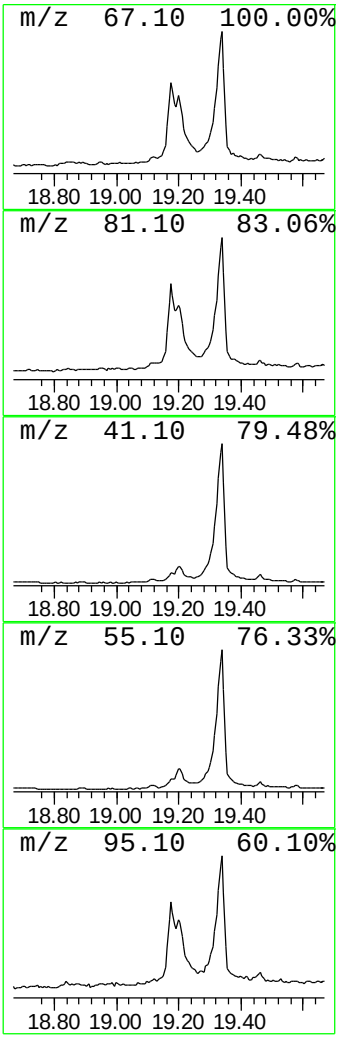
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	11.34 ng	1957500	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	7-Tetradecyne	194	C14H26	035216-11-6	86
3	8-Hexadecyne	222	C16H30	019781-86-3	81
4	5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	81
5	7-Hexadecyne	222	C16H30	074685-28-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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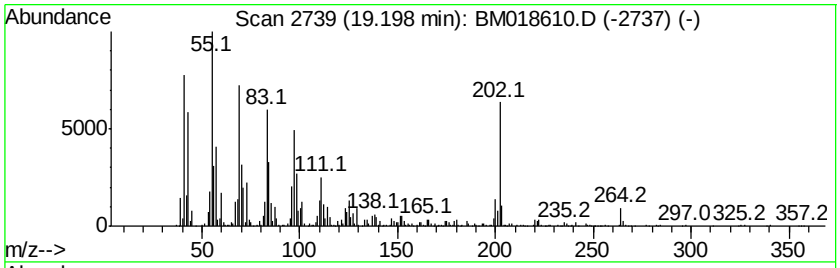
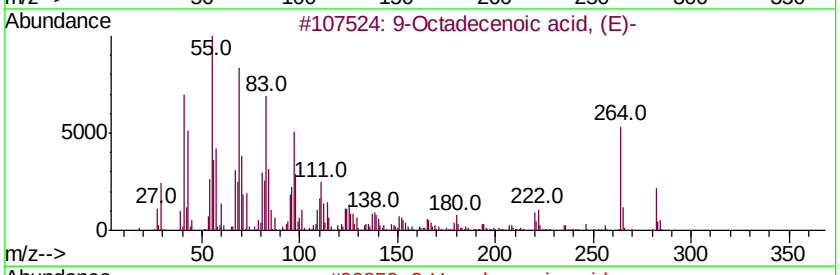
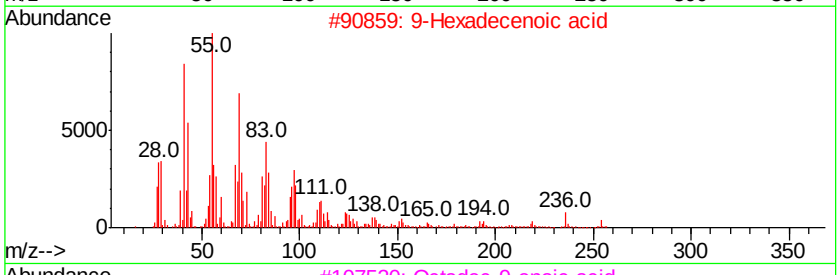
Peak Number 7 9-Octadecenoic acid, (E)- Concentration Rank 6

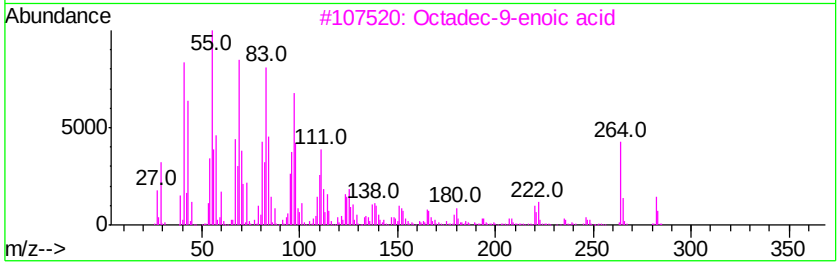
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	26.53 ng	4580250	Phenanthrene-d10	17.14

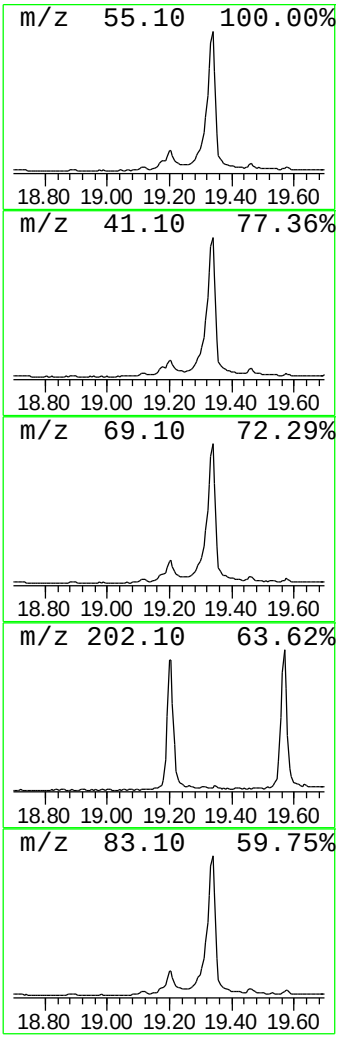
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	83
3	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	81
4	Oleic Acid	282	C18H34O2	000112-80-1	81
5	1-Dodecanethiol	202	C12H26S	000112-55-0	64











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

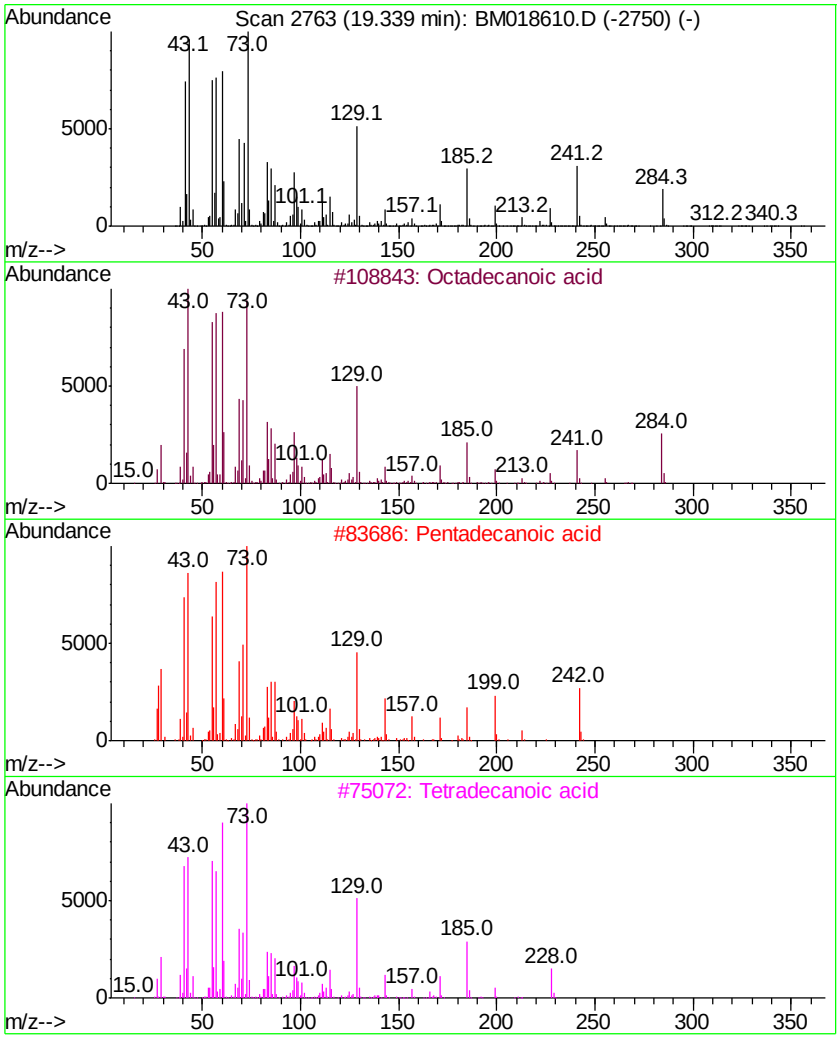
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

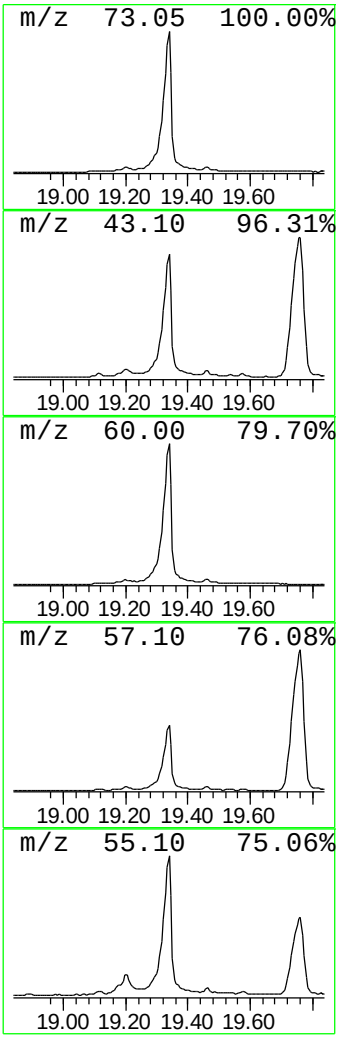
****

Peak Number 8 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	9.27 ng	46105900	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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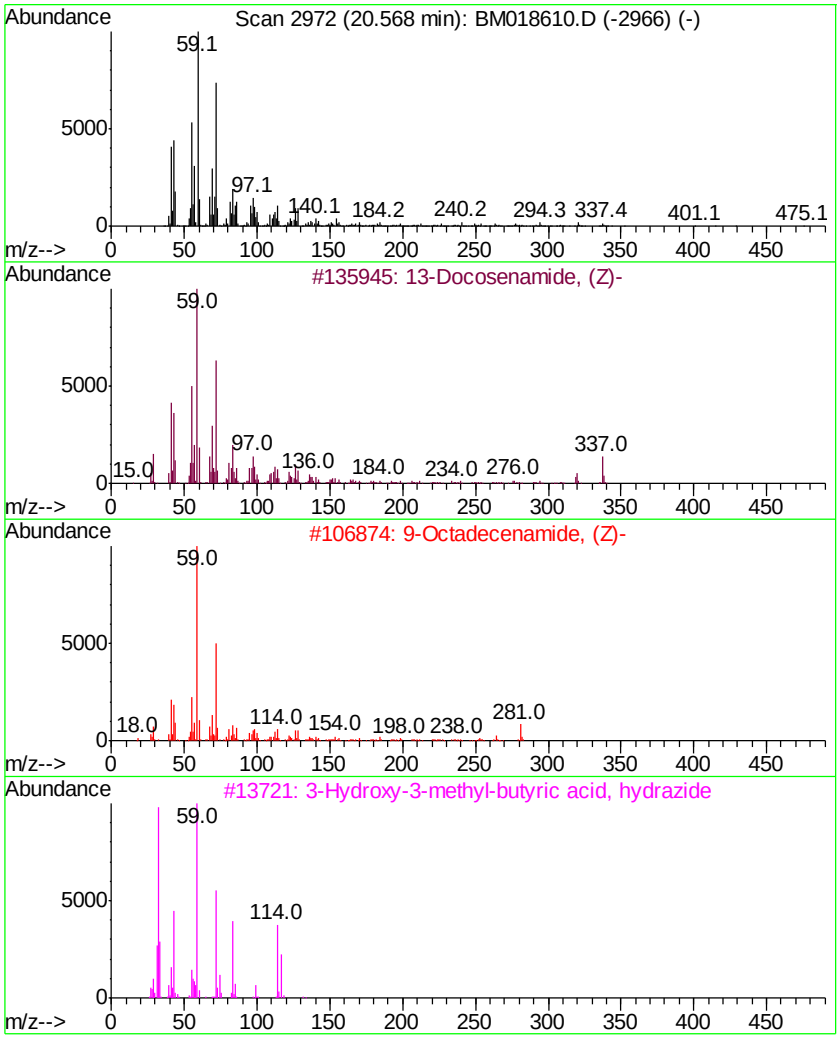
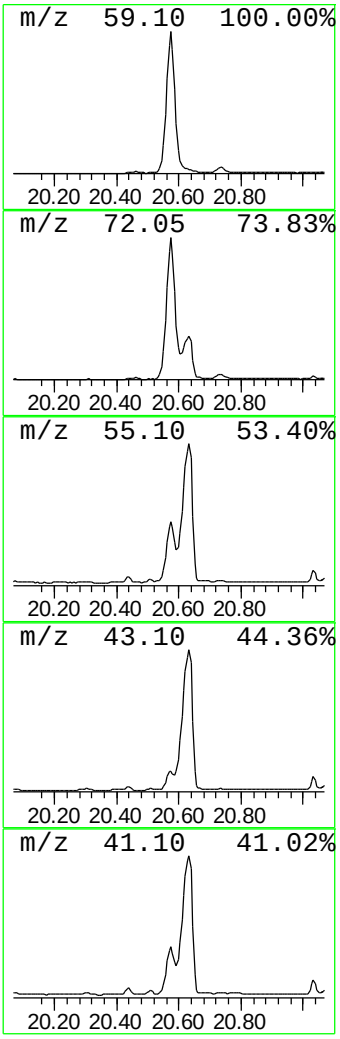
Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	3.73 ng	18533300	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	3-Hydroxy-3-methyl-butyric acid,...	132	C5H12N2O2	1000193-80-2	53
4	Octadecanamide	283	C18H37NO	000124-26-5	47
5	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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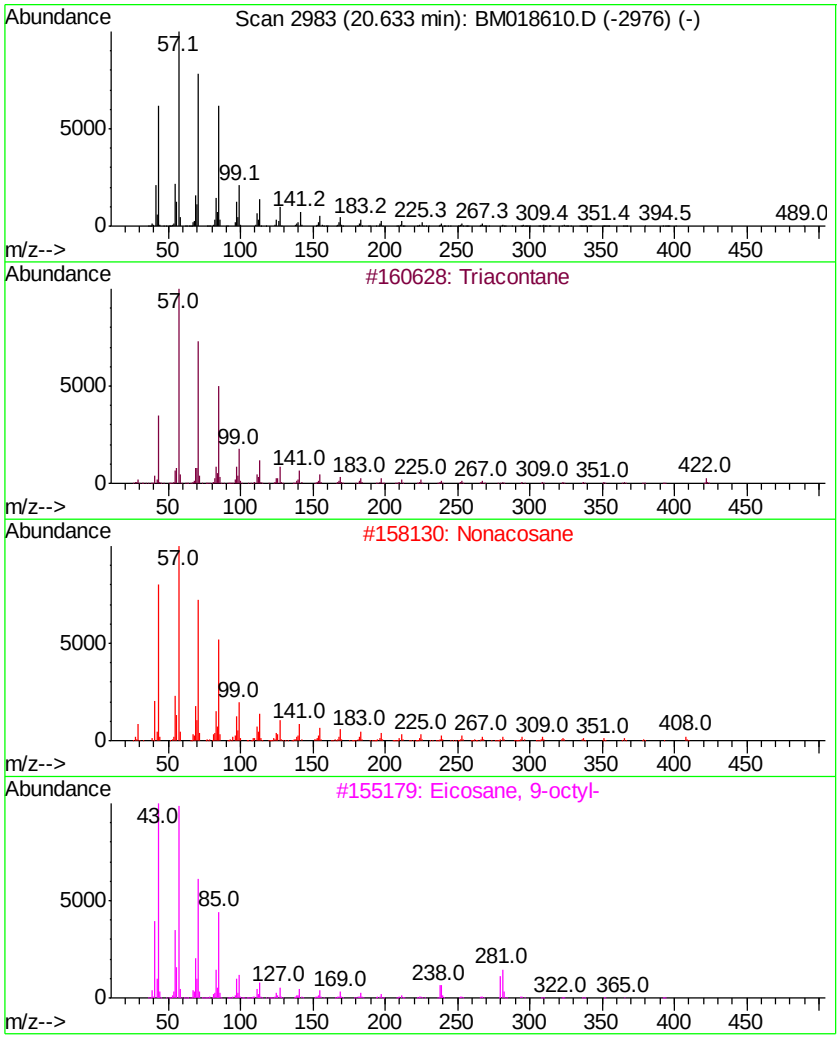
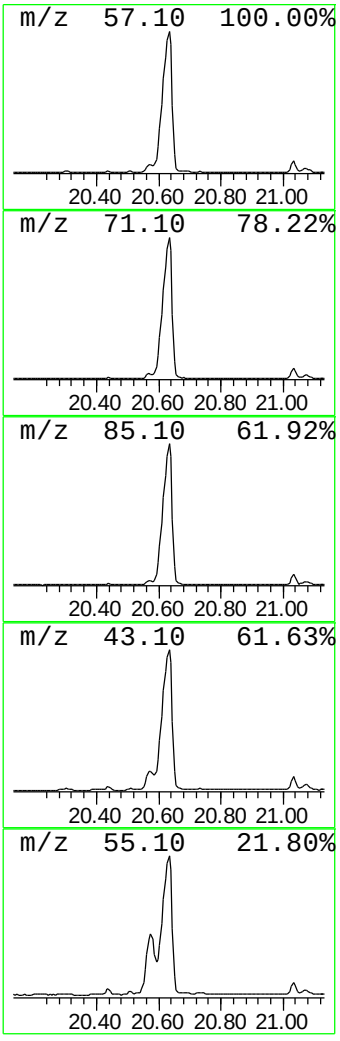
Peak Number 10 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	14.80 ng	73598500	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Docosane	310	C22H46	000629-97-0	91





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Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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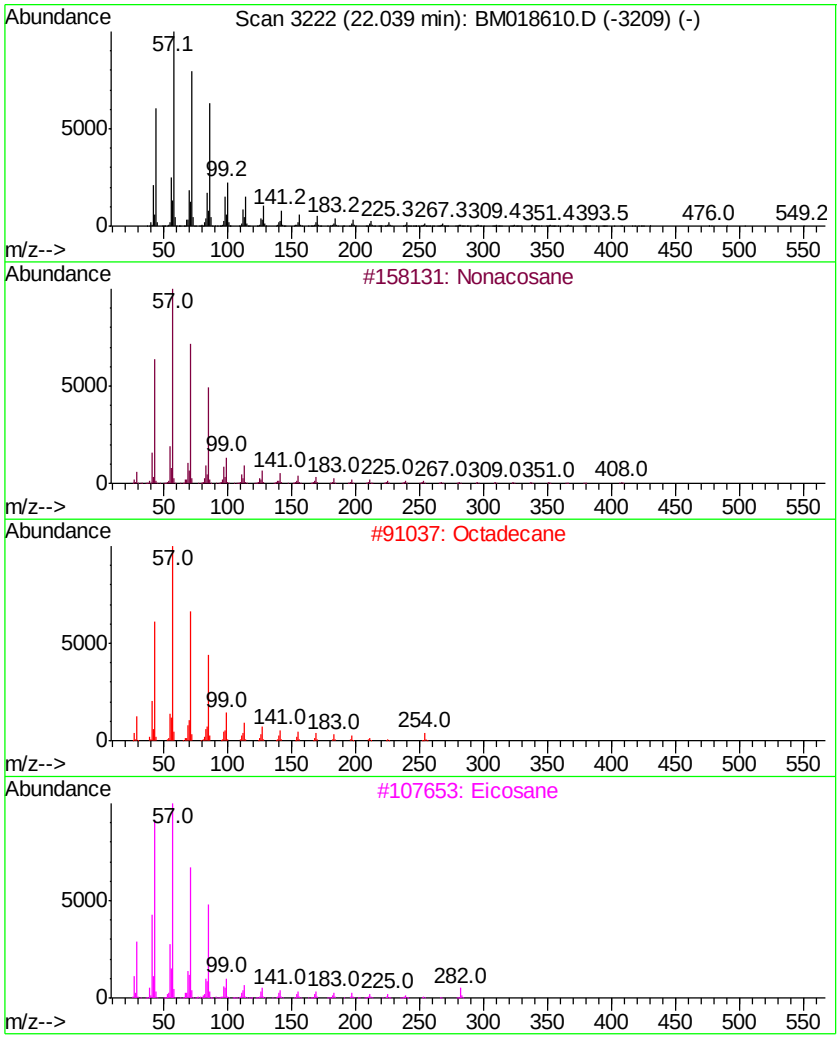
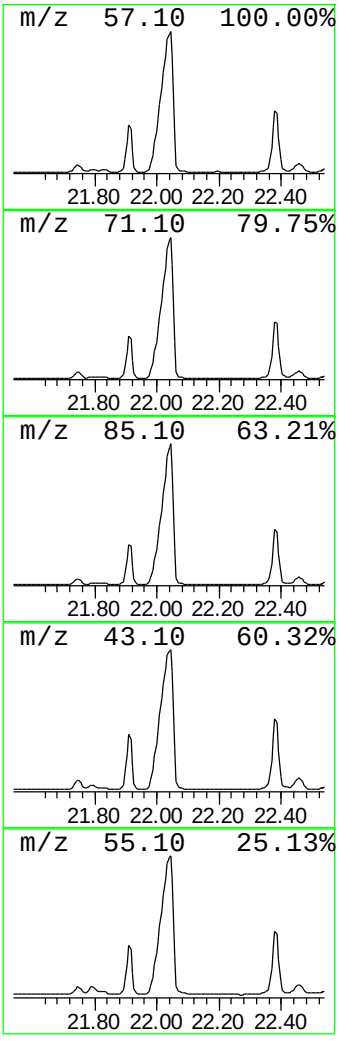
Peak Number 12 Nonacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	22.61 ng	112459000	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Octadecane	254	C18H38	000593-45-3	95
3	Eicosane	282	C20H42	000112-95-8	93
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	93





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Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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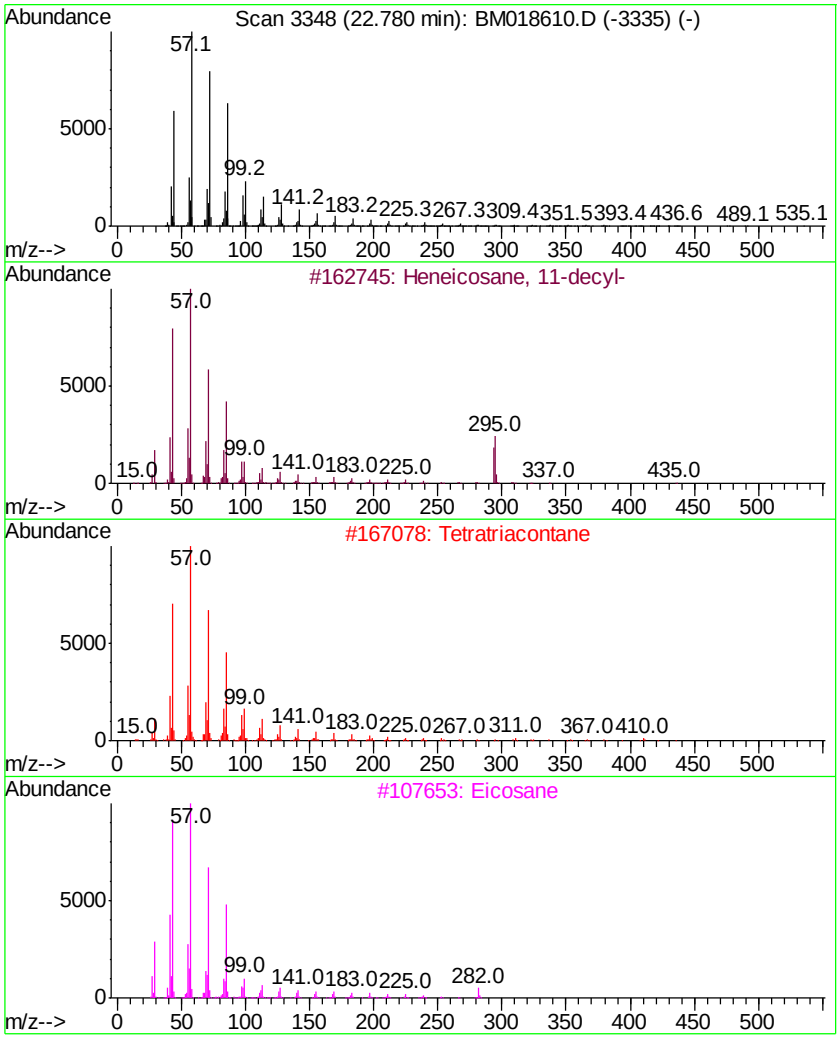
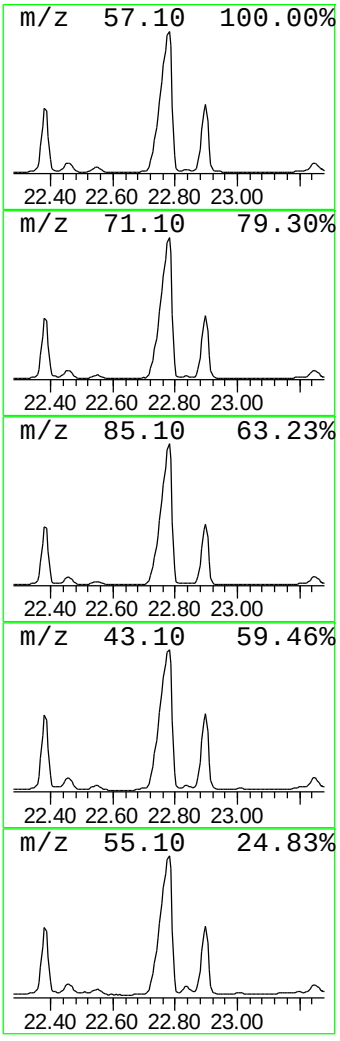
Peak Number 14 Heneicosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	26.53 ng	102472000	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
2	Tetratriacontane	479	C34H70	014167-59-0	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





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Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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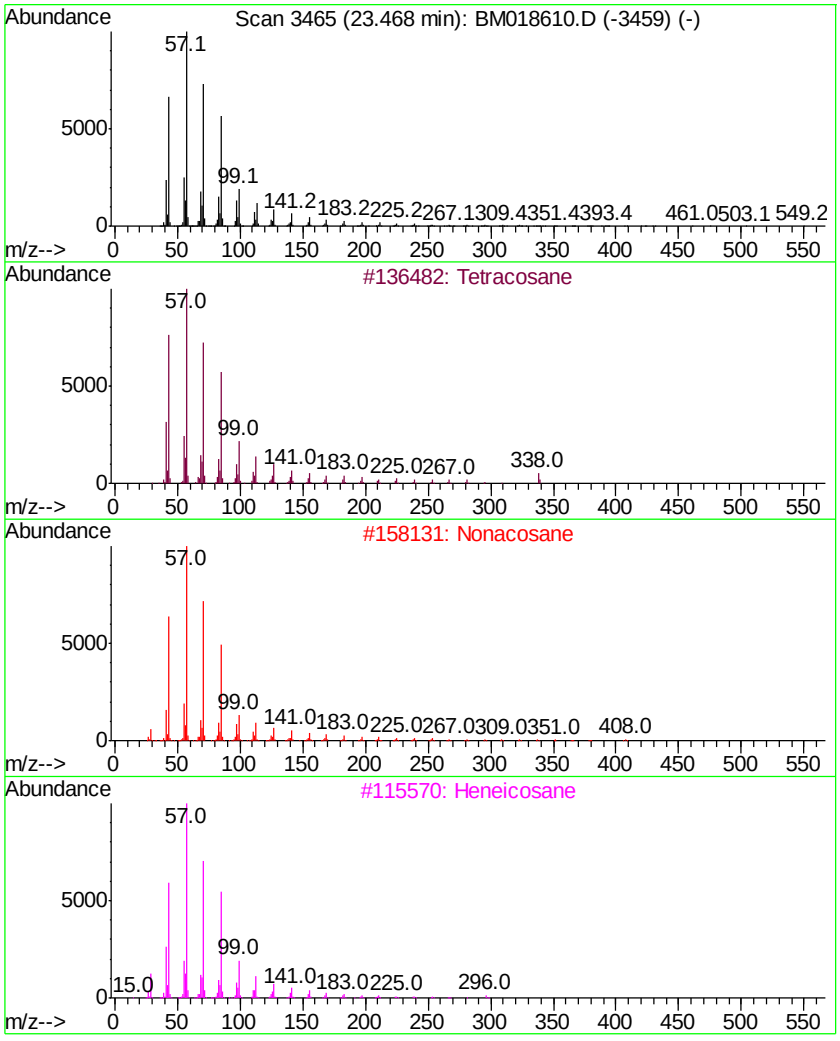
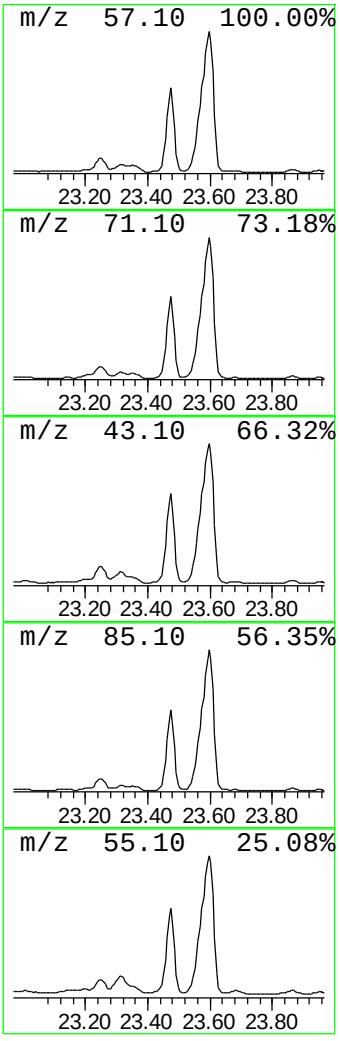
Peak Number 15 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	6.87 ng	26537700	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Nonacosane	408	C29H60	000630-03-5	98
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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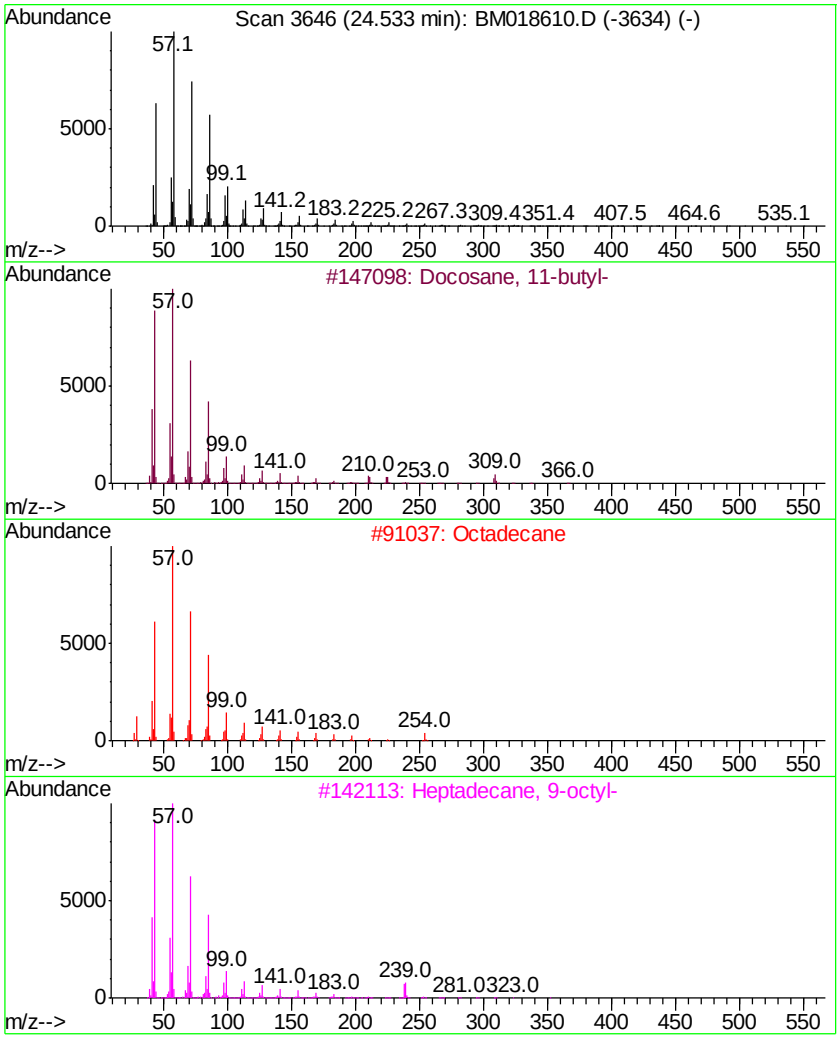
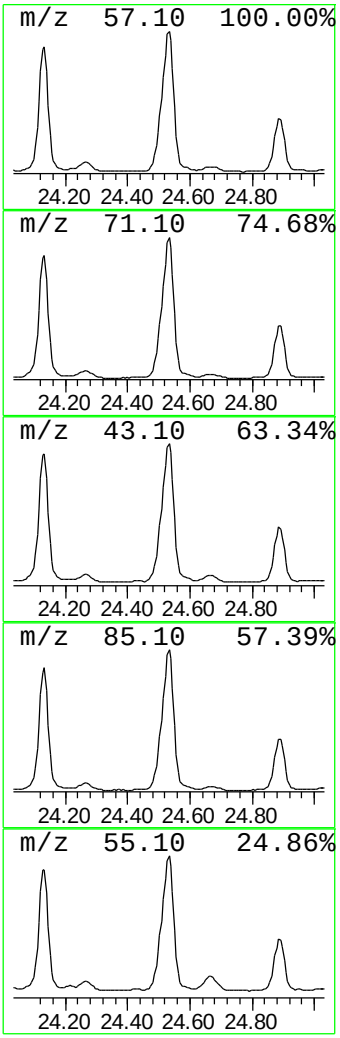
Peak Number 17 Docosane, 11-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	8.87 ng	34243400	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Octadecane	254	C18H38	000593-45-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





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Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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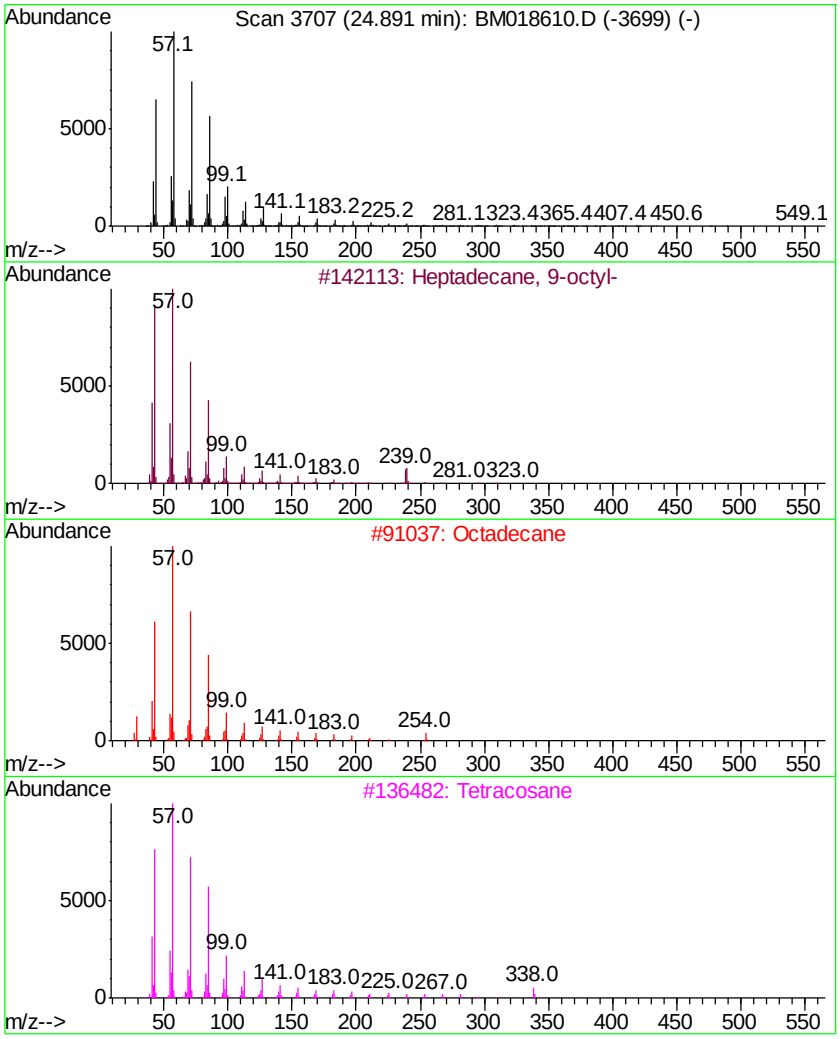
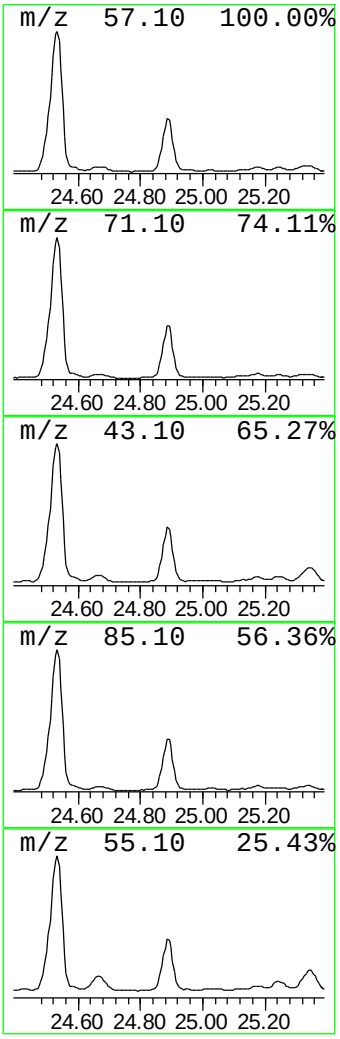
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.67 ng	10329500	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Octadecane	254	C18H38	000593-45-3	94
3	Tetracosane	338	C24H50	000646-31-1	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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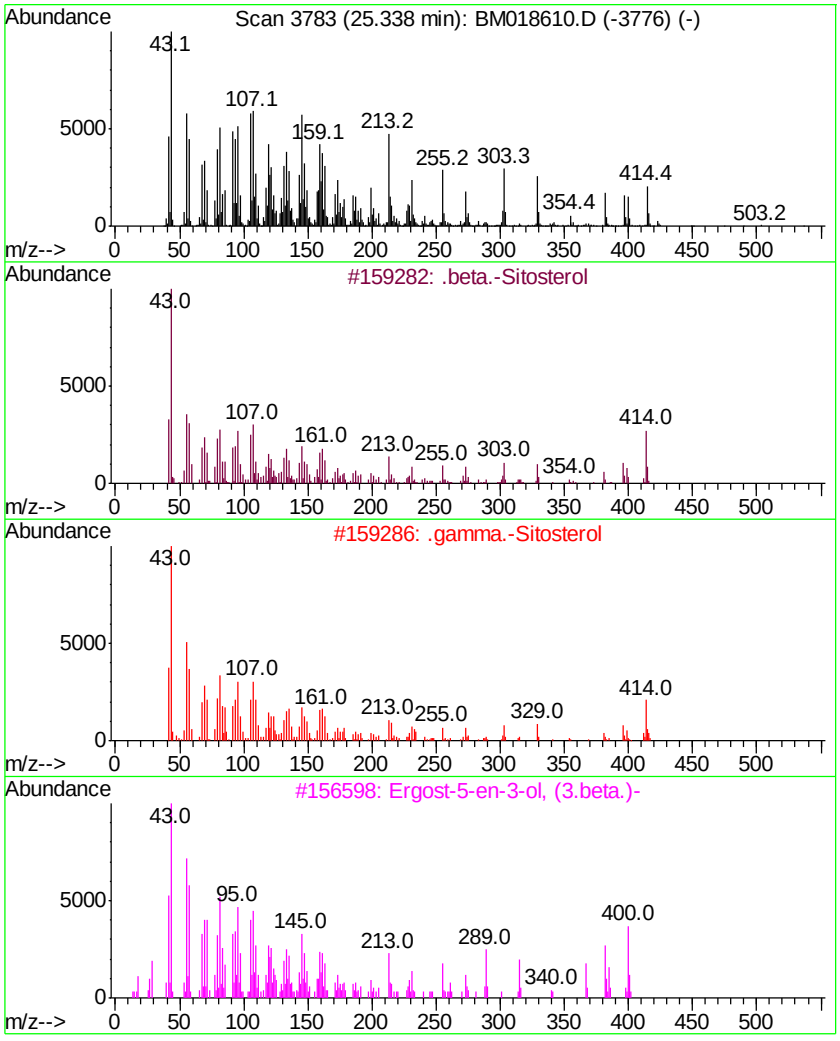
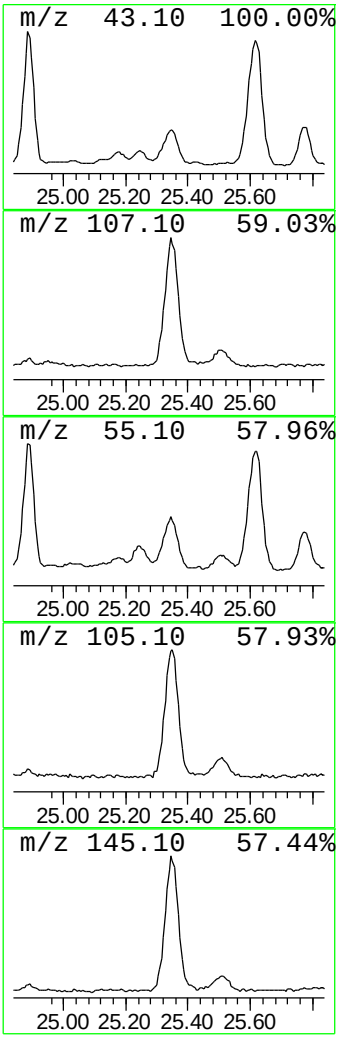
Peak Number 19 .beta.-Sitosterol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	2.43 ng	9397260	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30
5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	25





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Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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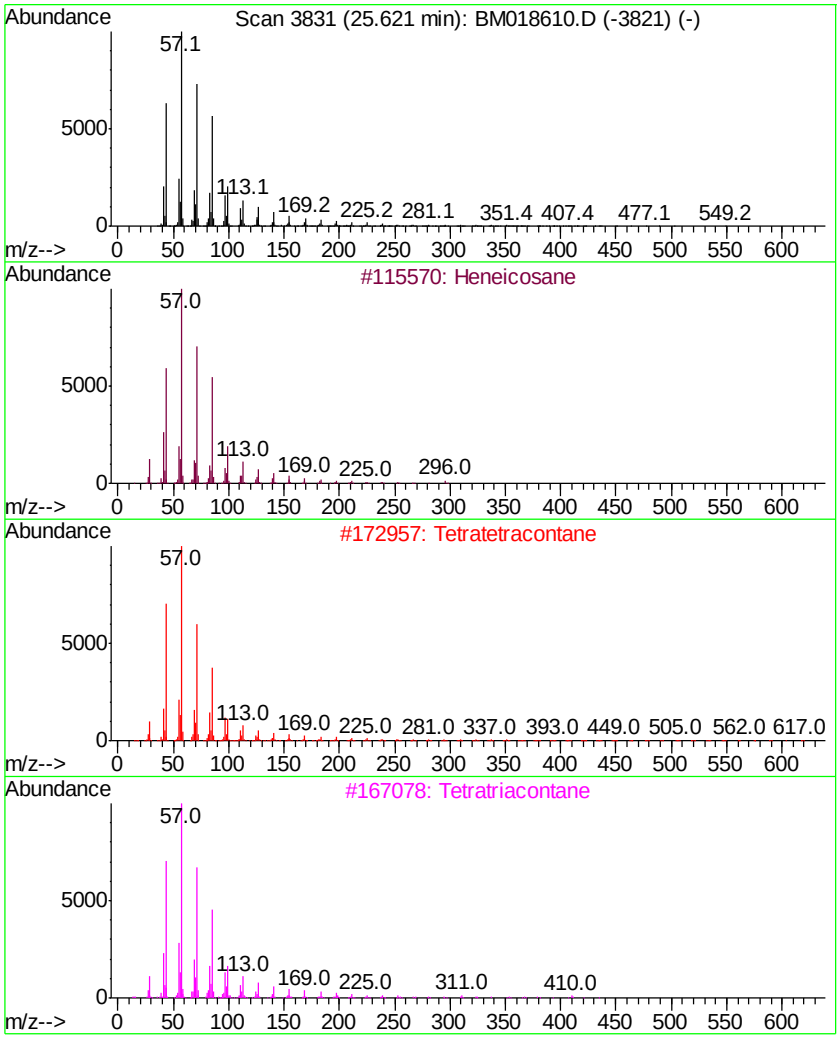
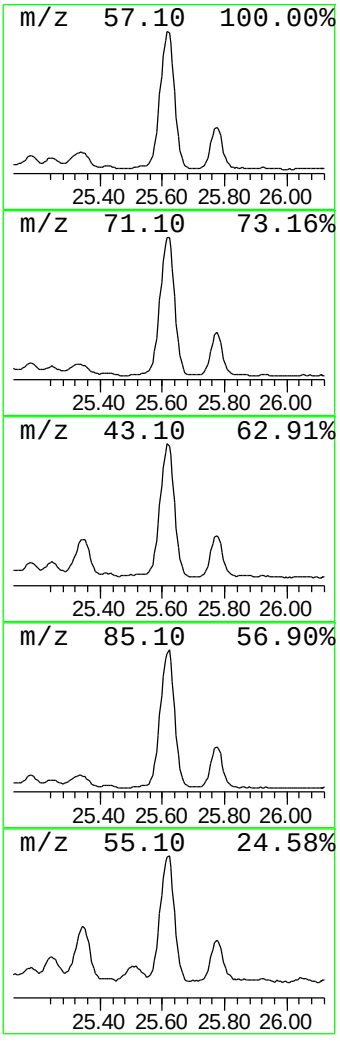
Peak Number 20 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.62	3.85 ng	14857700	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW002-190114-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.27	7.27	85.0	ng	8700220	1	7.74	2046740	20.0
Docosane, 9-butyl-	16.79	33.5	ng	5781230	4	17.14	3452370	20.0
n-Hexadecanoic acid	18.05	175.5	ng	30293400	4	17.14	3452370	20.0
Octadecane	18.61	109.7	ng	18940800	4	17.14	3452370	20.0
9,12-Octadecadien...	19.17	11.3	ng	1957500	4	17.14	3452370	20.0
9-Octadecenoic ac...	19.20	26.5	ng	4580250	4	17.14	3452370	20.0
Octadecanoic acid	19.34	9.3	ng	46105900	5	21.33	99490800	20.0
13-Docosenamide, ...	20.57	3.7	ng	18533300	5	21.33	99490800	20.0
Triacontane	20.63	14.8	ng	73598500	5	21.33	99490800	20.0
Nonacosane	22.04	22.6	ng	112459000	5	21.33	99490800	20.0
Heneicosane, 11-d...	22.78	26.5	ng	102472000	6	23.61	77252100	20.0
Tetracosane	23.47	6.9	ng	26537700	6	23.61	77252100	20.0
Docosane, 11-butyl-	24.53	8.9	ng	34243400	6	23.61	77252100	20.0
Heptadecane, 9-oc...	24.89	2.7	ng	10329500	6	23.61	77252100	20.0
.beta.-Sitosterol	25.34	2.4	ng	9397260	6	23.61	77252100	20.0
Heneicosane	25.62	3.9	ng	14857700	6	23.61	77252100	20.0