LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

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_F\METHODS\8270-BF102318.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	2.281	27	33	51	rVB	1753038	2422474	84.89%	9.847%
2	5.187	524	527	536	rBV	23912	33421	1.17%	0.136%
3	5.575	589	593	610	rBV	998171	980843	34.37%	3.987%
4	6.575	759	763	776	rBV	588482	692066	24.25%	2.813%
5	6.722	784	788	791	rBV	2193604	1892845	66.33%	7.694%
6	6.951	824	827	833	rBV	711719	579109	20.29%	2.354%
7	7.110	850	854	857	rBV	2110397	1813304	63.55%	7.371%
8	7.516	918	923	947	rBV	1378718	1562265	54.75%	6.351%
9	7.957	995	998	1007	rBV2	26802	49681	1.74%	0.202%
10	8.234	1041	1045	1060	rBV	700733	795955	27.89%	3.236%
11	9.310	1223	1228	1231	rBV	3224289	2853565	100.00%	11.600%
12	9.704	1290	1295	1301	rBV	38418	40181	1.41%	0.163%
13	9.992	1341	1344	1355	rVB	933587	945723	33.14%	3.844%
14	10.786	1475	1479	1491	rBV	1692593	1732519	60.71%	7.043%
15	11.486	1594	1598	1607	rBV	1031810	996362	34.92%	4.050%
16	11.686	1628	1632	1641	rBV7	16979	42381	1.49%	0.172%
17	11.851	1657	1660	1663	rBV2	45524	46158	1.62%	0.188%
18	11.992	1680	1684	1700	rBV	222621	252126	8.84%	1.025%
19	12.704	1802	1805	1808	rBV	115712	95555	3.35%	0.388%
20	12.774	1814	1817	1825	rBV	189160	232020	8.13%	0.943%
21	12.998	1851	1855	1859	rBV3	36340	42057	1.47%	0.171%
22	13.069	1862	1867	1871	rBV	2814352	2815209	98.66%	11.444%
23	13.274	1896	1902	1908	rVB5	35283	51315	1.80%	0.209%
24	13.616	1957	1960	1965	rVB2	29632	31879	1.12%	0.130%
25	13.904	2006	2009	2013	rBV3	19343	31172	1.09%	0.127%
26	13.945	2013	2016	2021	rVV	120437	143928	5.04%	0.585%
27	14.133	2044	2048	2056	rVB	647013	632023	22.15%	2.569%
28	14.257	2066	2069	2077	rVB	101141	109844	3.85%	0.447%
29	14.504	2107	2111	2114	rBV3	29544	36434	1.28%	0.148%
30	14.563	2117	2121	2128	rVV	194412	231667	8.12%	0.942%
31	14.615	2128	2130	2138	rVB6	23854	33150	1.16%	0.135%
32	14.880	2171	2175	2179	rBV	237835	245627	8.61%	0.998%
33	14.963	2185	2189	2193	rVB	330267	343524	12.04%	1.396%
34	15.233	2229	2235	2245	rBV	273682	341853	11.98%	1.390%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

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_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.627	2297	2302	2305	rBV	277737	393017	13.77%	1.598%
36	15.662	2305	2308	2319	rVB	308361	442793	15.52%	1.800%
37	16.080	2373	2379	2387	rBV	217721	332066	11.64%	1.350%
38	16.609	2463	2469	2476	rBV	110277	197373	6.92%	0.802%
39	17.227	2569	2574	2585	rVB2	40756	86533	3.03%	0.352%

Sum of corrected areas: 24600017

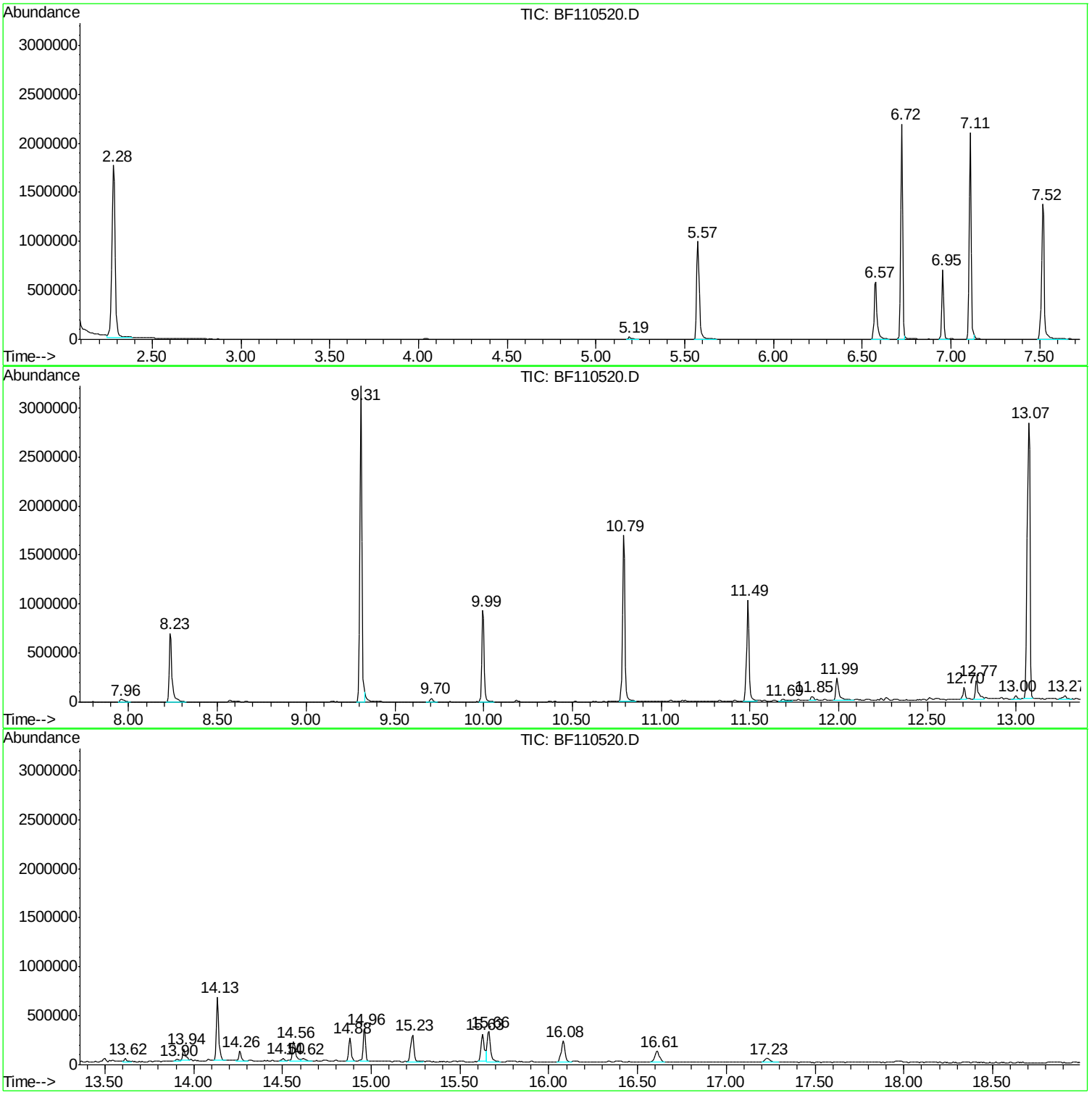
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

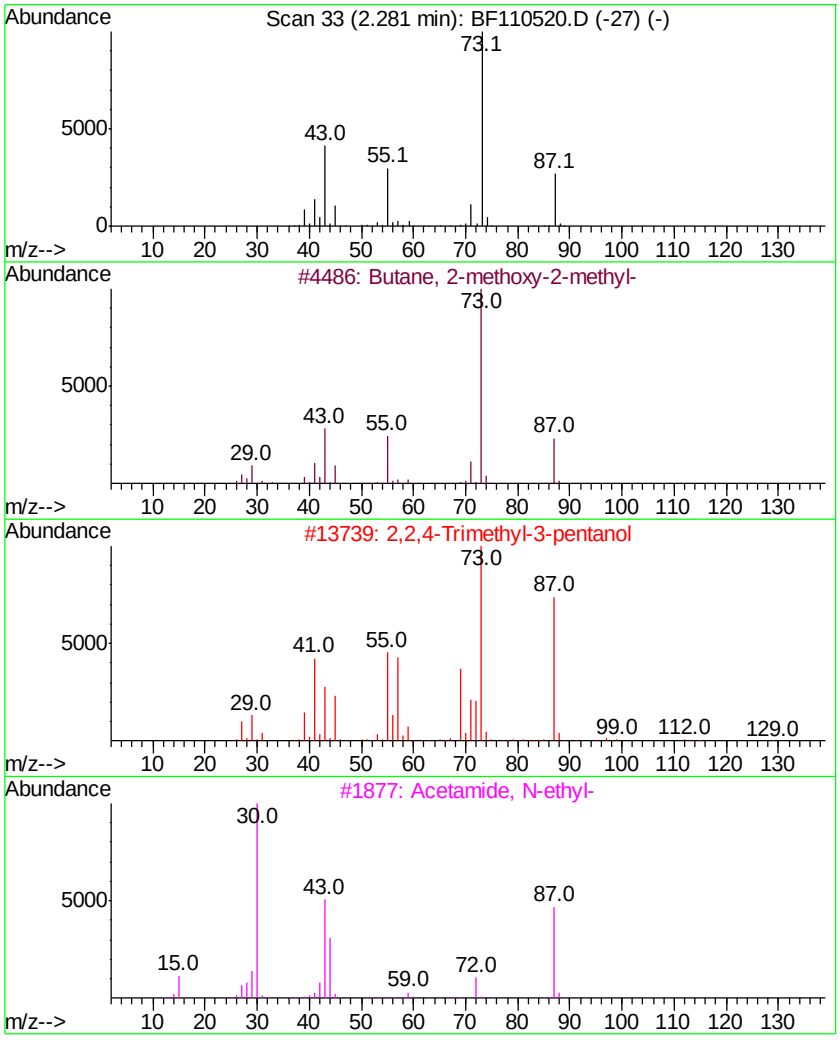
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

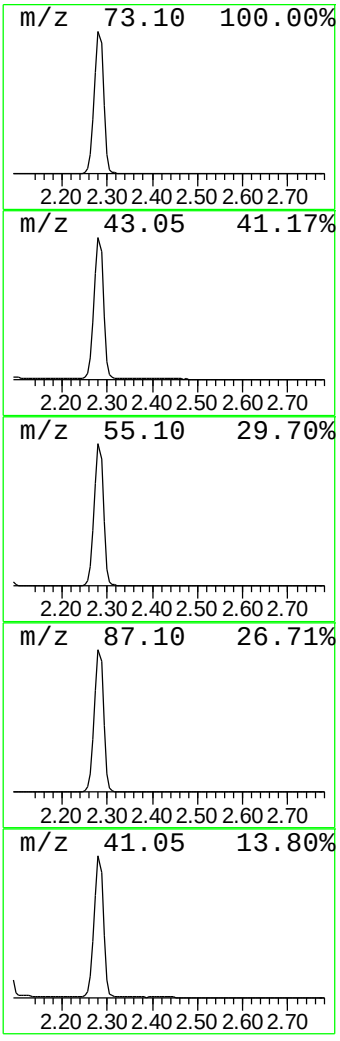
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	83.66 ng	2422470	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

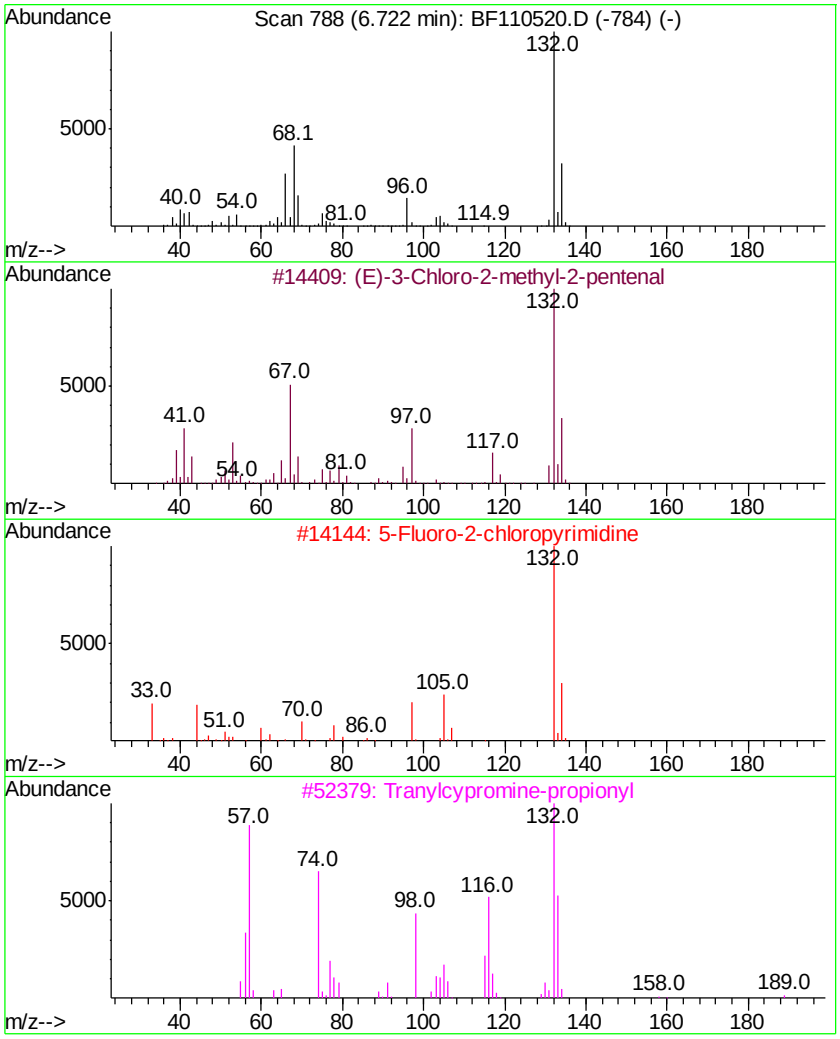
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

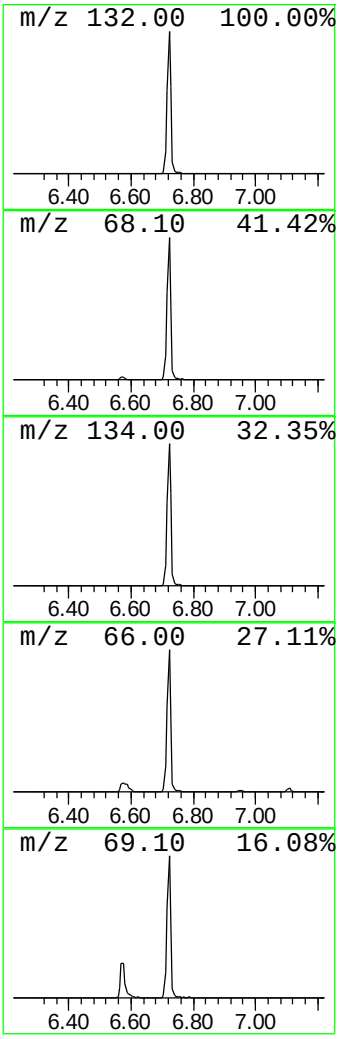
****

Peak Number 2 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	65.37 ng	1892850	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

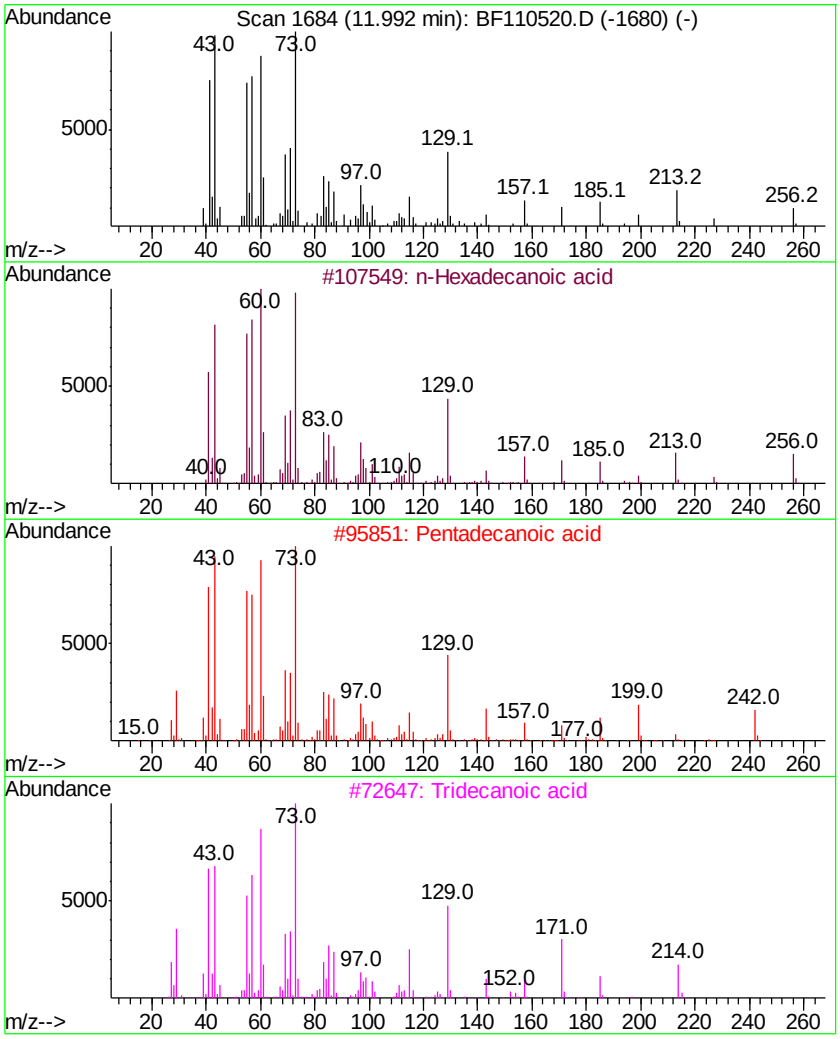
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

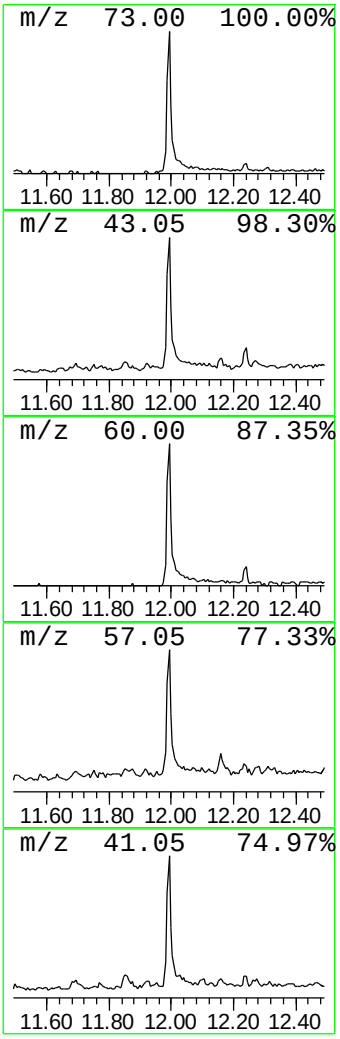
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.06 ng	252126	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

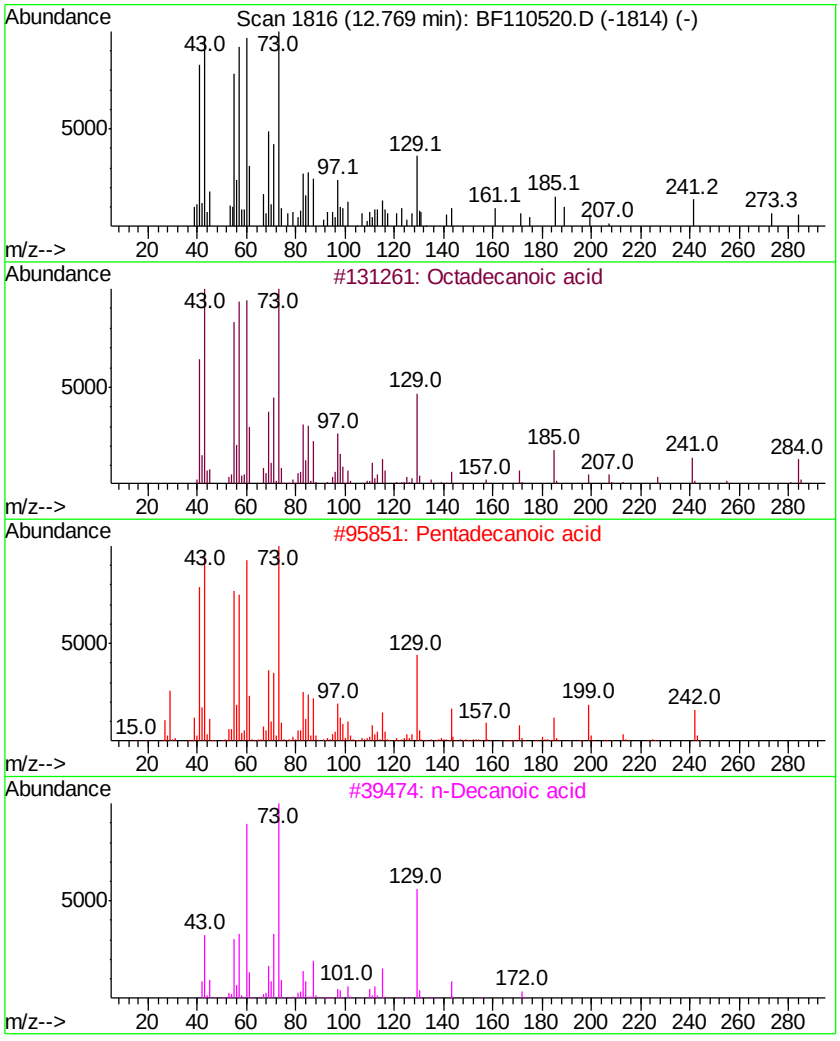
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

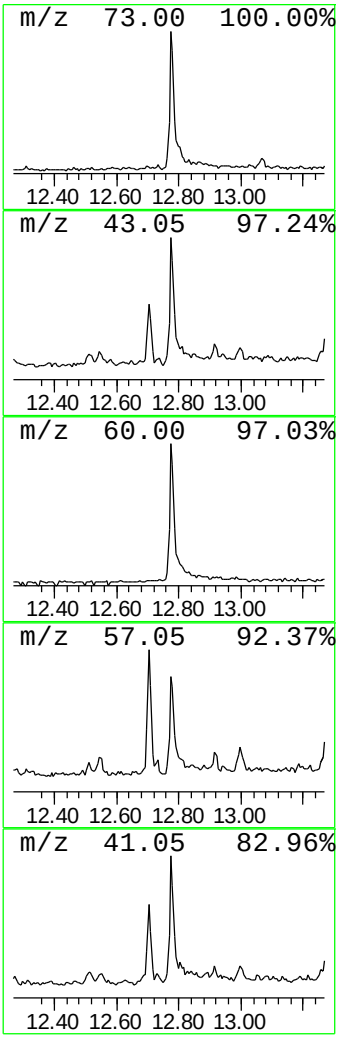
****

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.66 ng	232020	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

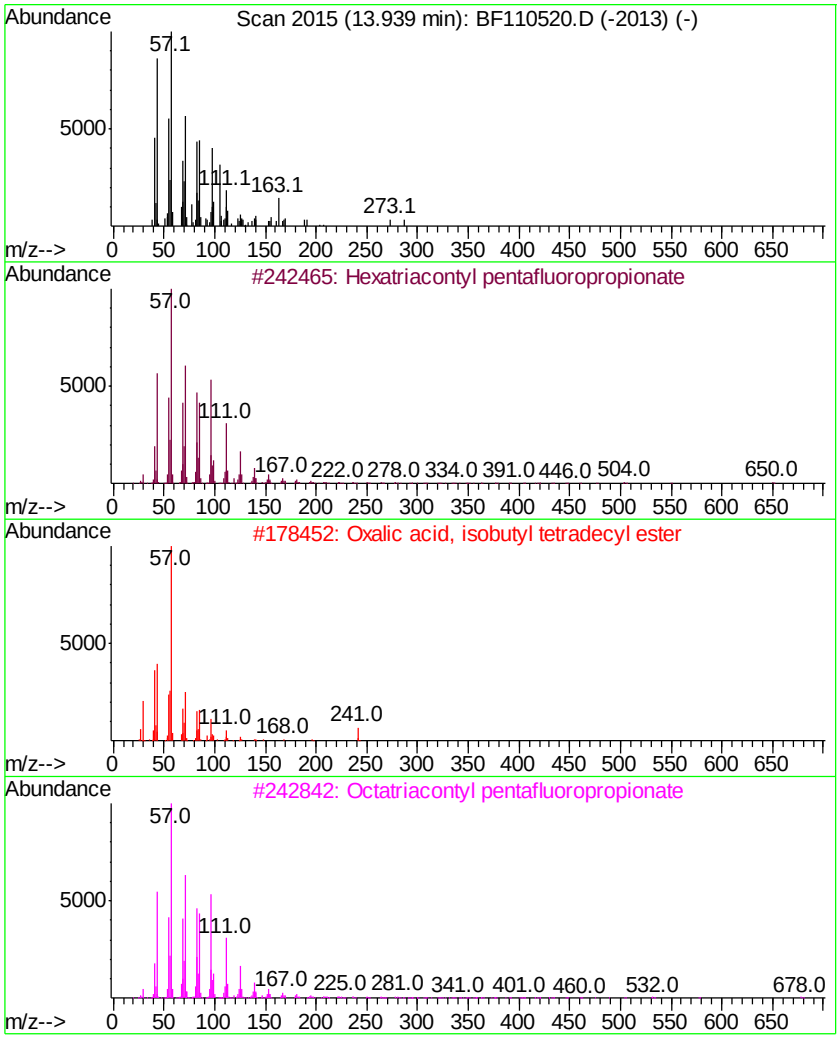
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

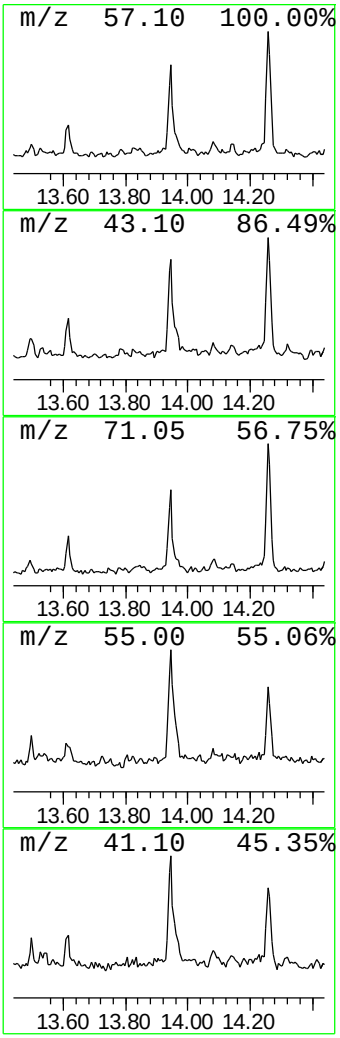
****

Peak Number 6 Hexatriacontyl pentafluorop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.55 ng	143928	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	90
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	90
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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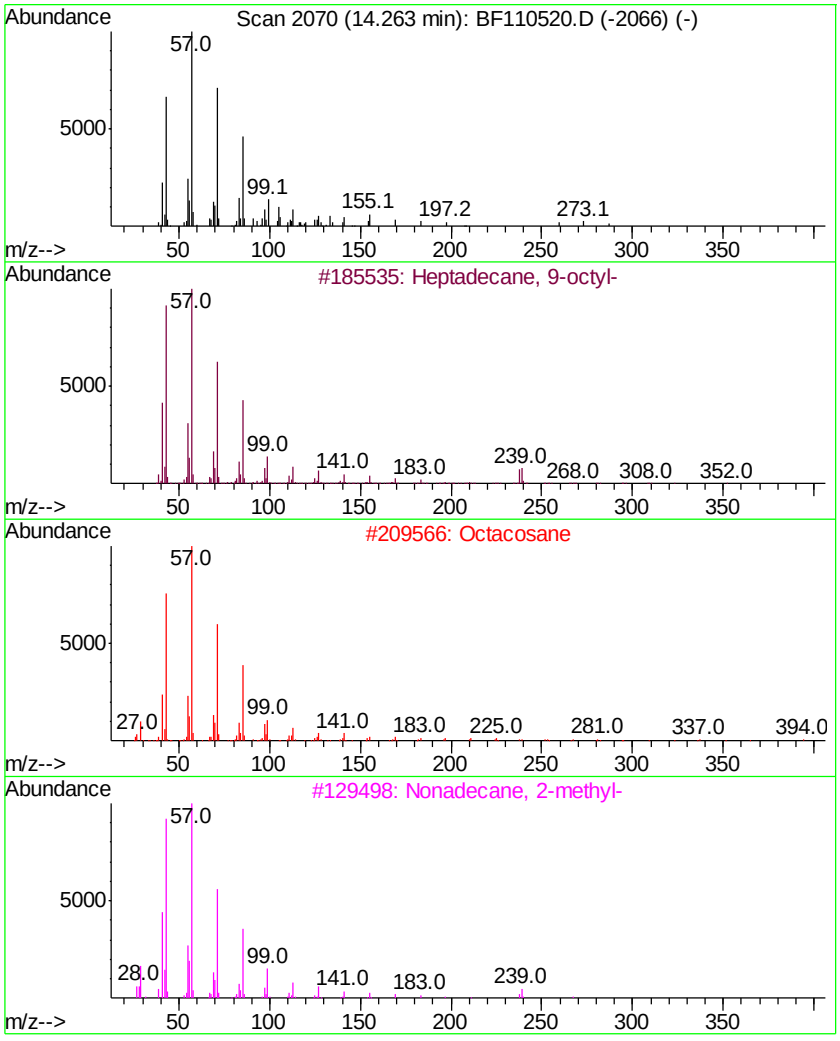
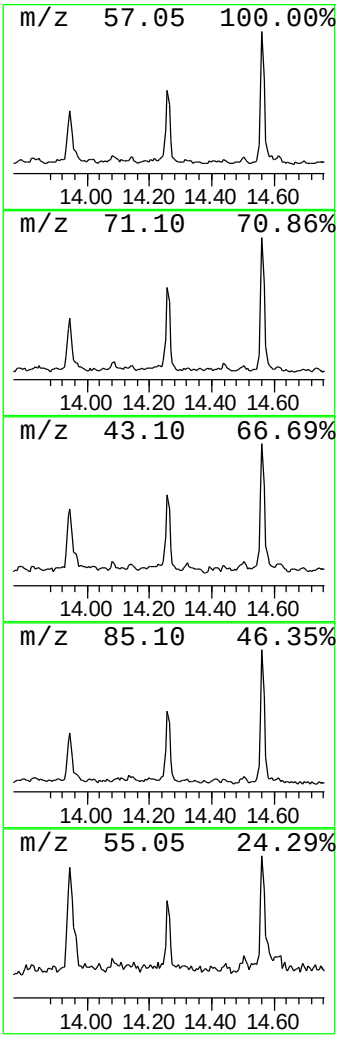
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.48 ng	109844	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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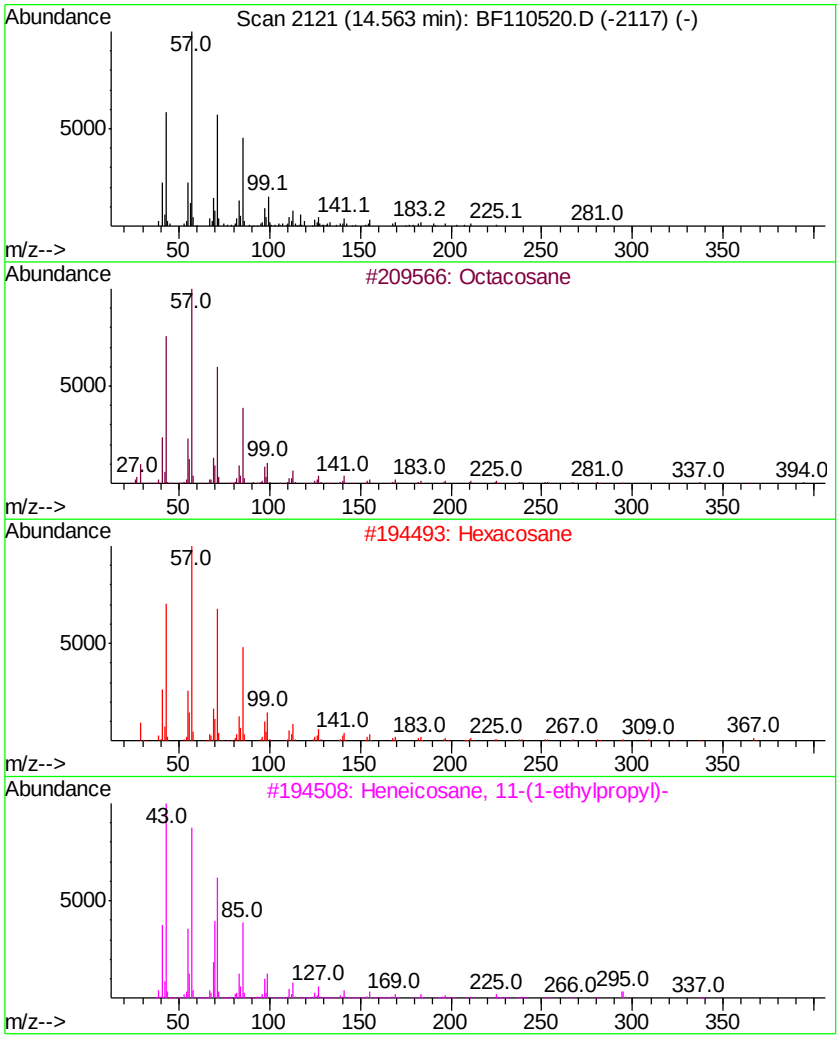
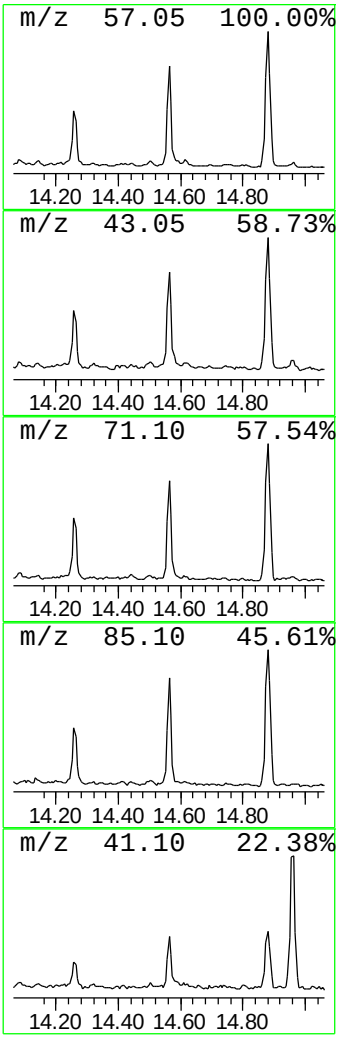
Peak Number 8 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.33 ng	231667	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Octadecane	254	C18H38	000593-45-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

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Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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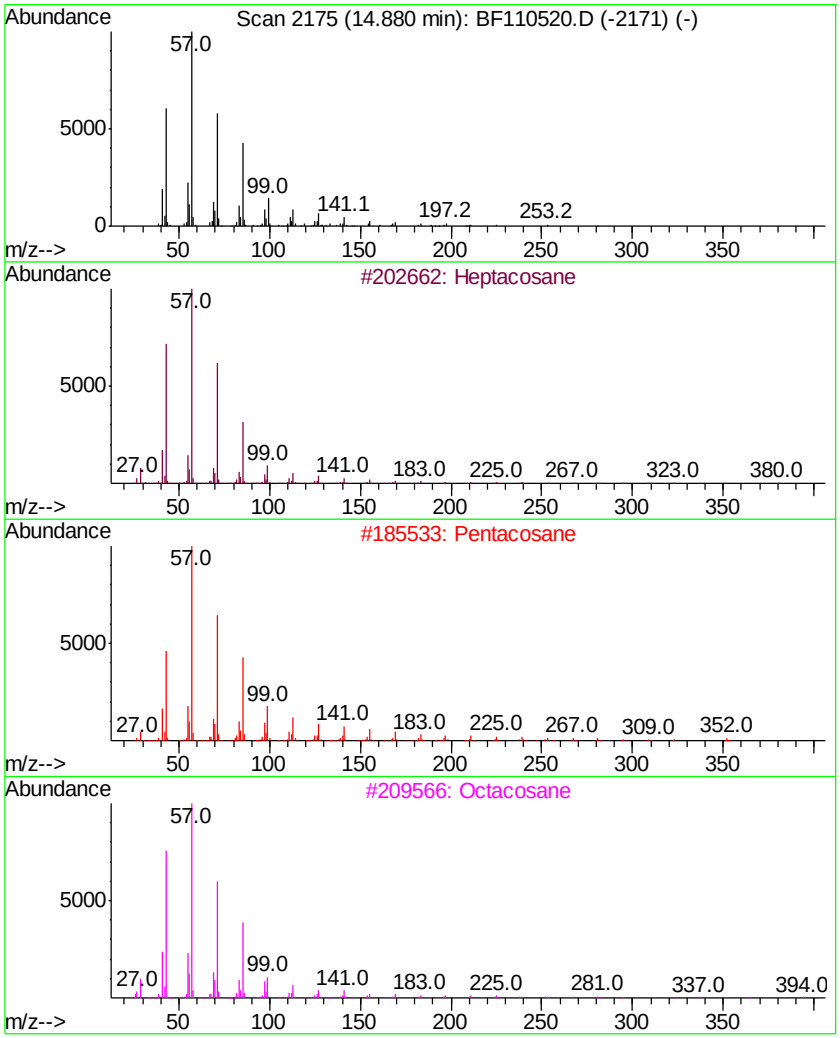
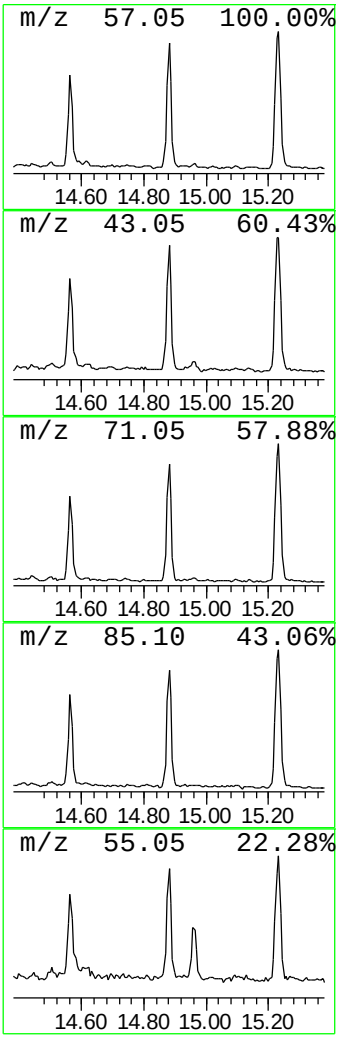
Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.77 ng	245627	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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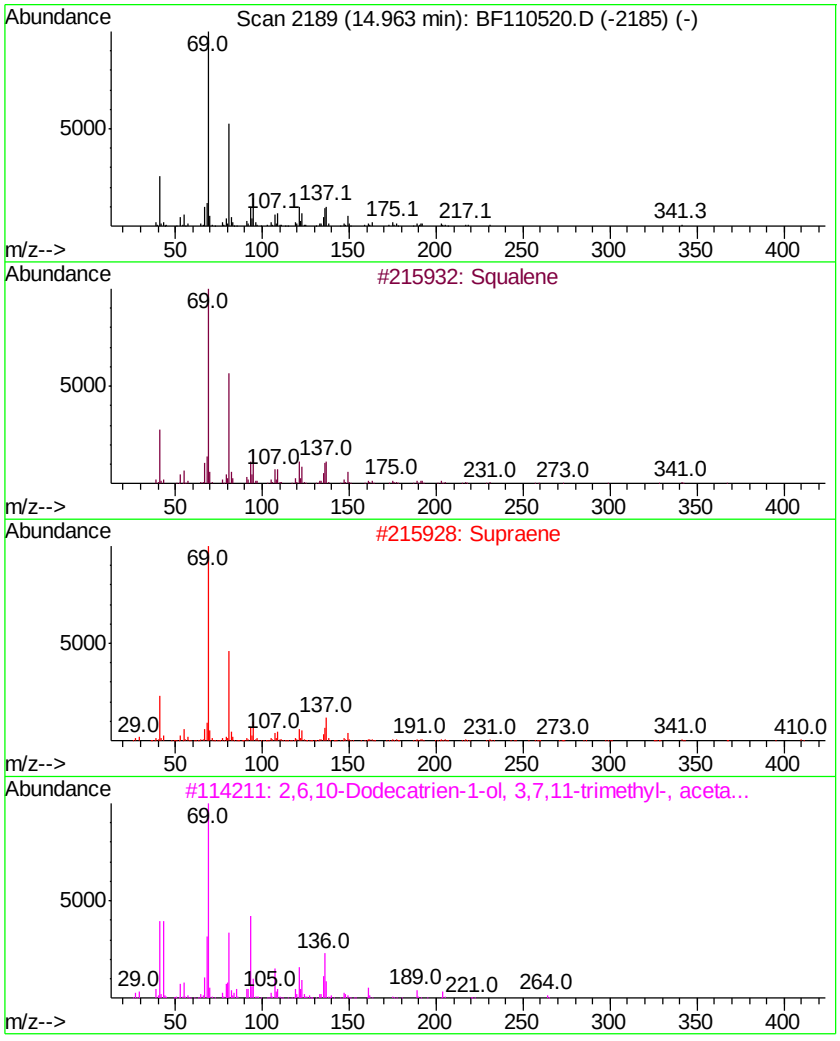
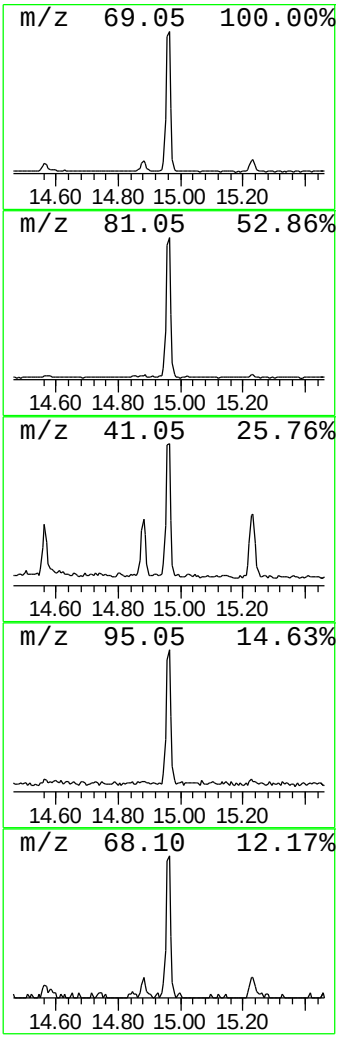
Peak Number 10 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	15.52 ng	343524	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4	trans-Farnesol	222	C15H26O	000106-28-5	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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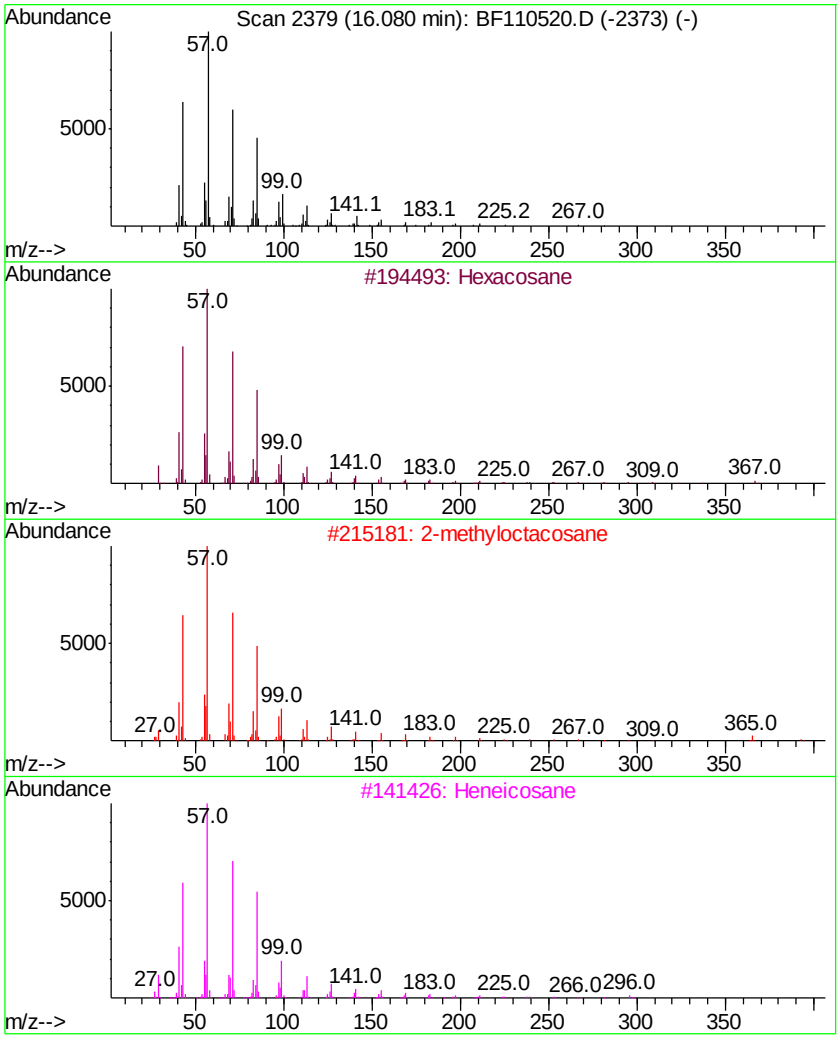
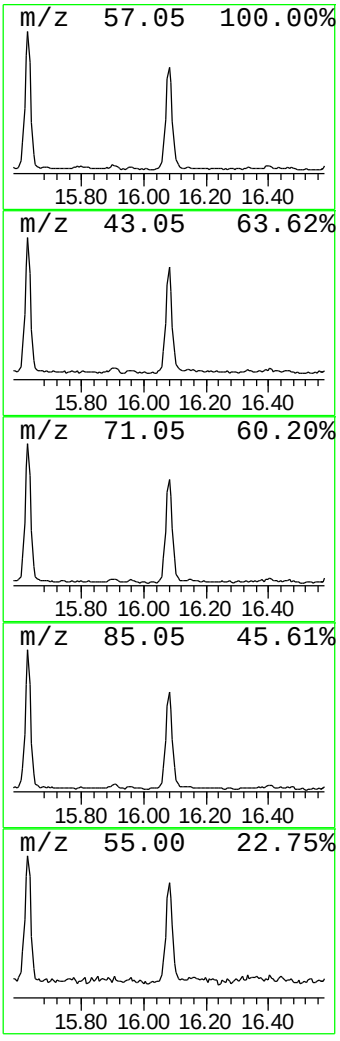
Peak Number 12 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	15.00 ng	332066	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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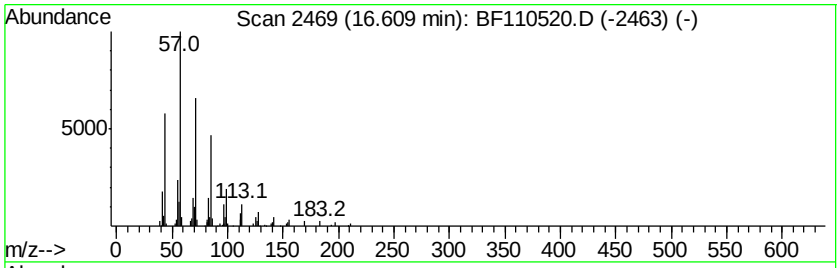
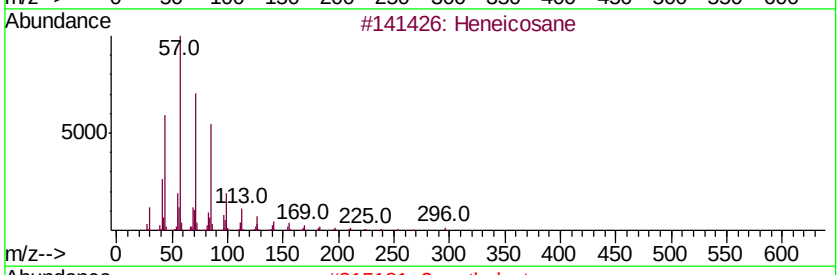
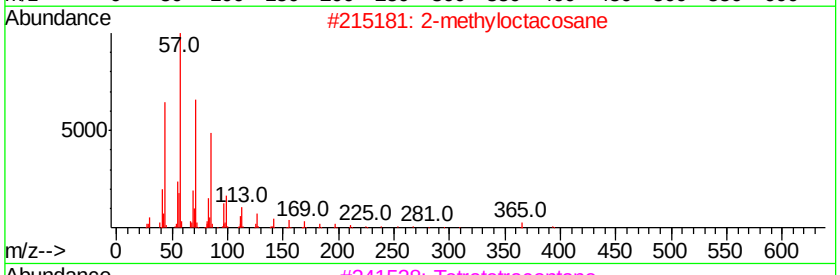
Peak Number 13 Heneicosane Concentration Rank 7

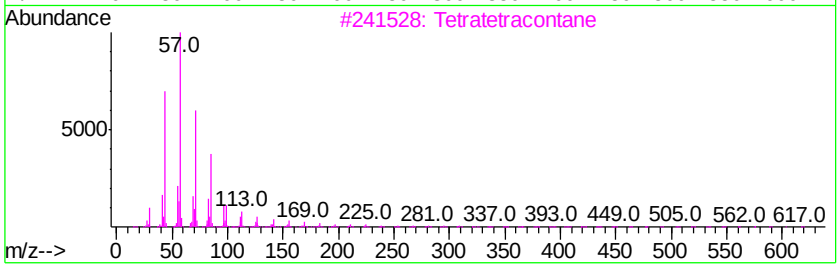
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	8.91 ng	197373	Perylene-d12	15.66

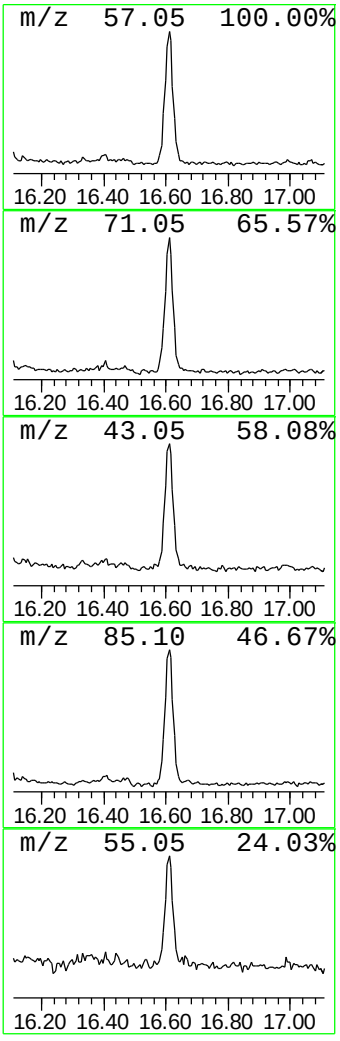
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Hentriacontane	437	C31H64	000630-04-6	87











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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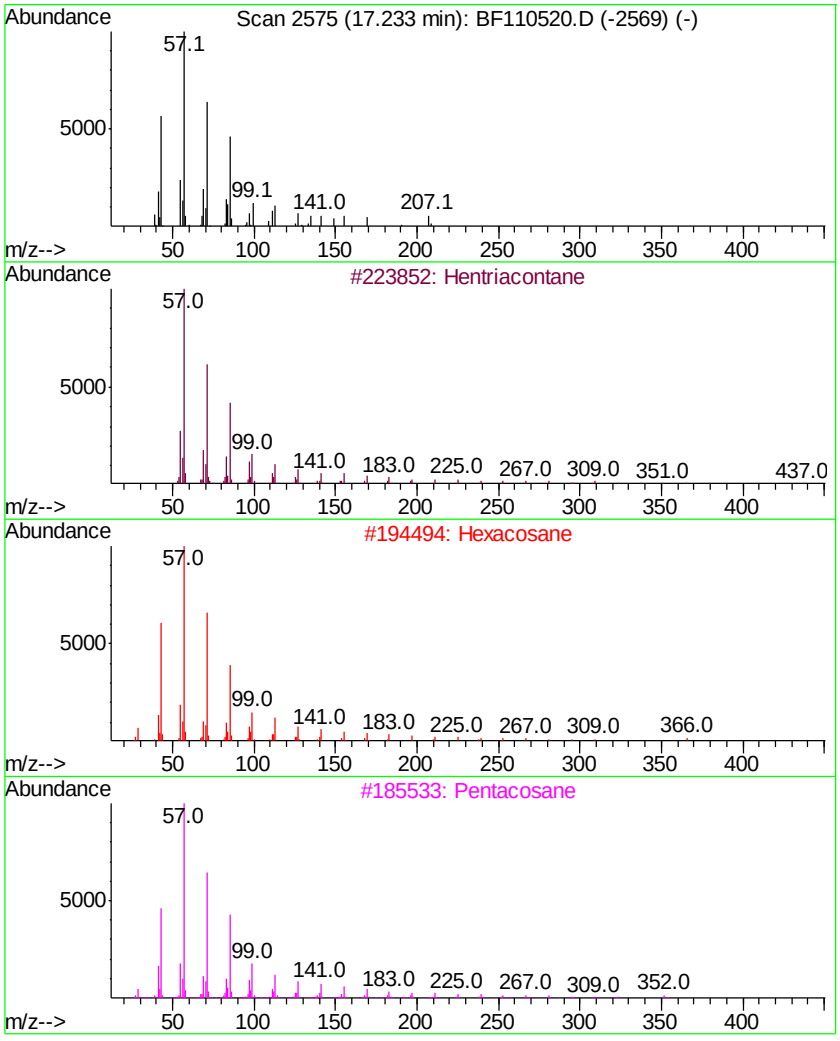
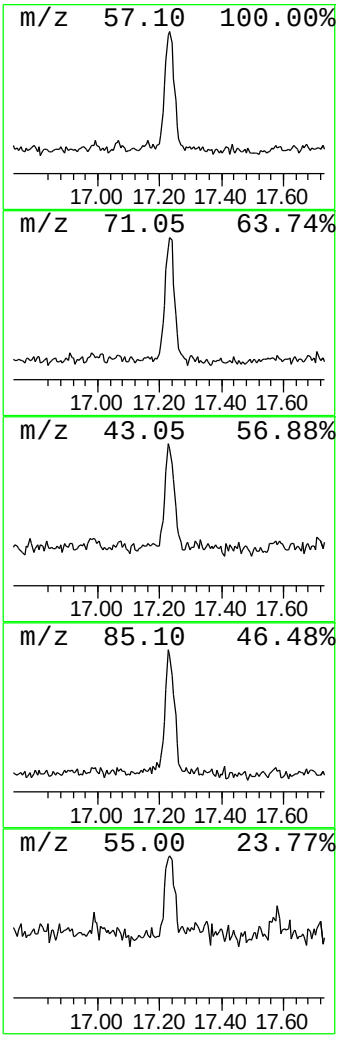
Peak Number 14 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	3.91 ng	86533	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Octacosane	394	C28H58	000630-02-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110618\
Data File : BF110520.D
Acq On : 6 Nov 2018 17:35
Operator : JU/SJ
Sample : J5822-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.28	83.7	ng	2422470	1	6.95	579109	20.0
unknown6.72	6.72	65.4	ng	1892850	1	6.95	579109	20.0
n-Hexadecanoic acid	11.99	5.1	ng	252126	4	11.49	996362	20.0
Octadecanoic acid	12.77	4.7	ng	232020	4	11.49	996362	20.0
Hexatriacontyl pe...	13.94	4.5	ng	143928	5	14.13	632023	20.0
Heptadecane, 9-oc...	14.26	3.5	ng	109844	5	14.13	632023	20.0
Octacosane	14.56	7.3	ng	231667	5	14.13	632023	20.0
Heptacosane	14.88	7.8	ng	245627	5	14.13	632023	20.0
Squalene	14.96	15.5	ng	343524	6	15.66	442793	20.0
Hexacosane	16.08	15.0	ng	332066	6	15.66	442793	20.0
Heneicosane	16.61	8.9	ng	197373	6	15.66	442793	20.0
Hentriacontane	17.23	3.9	ng	86533	6	15.66	442793	20.0