LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113209.D
Acq On : 21 Mar 2019 15:32
Operator : JU/SJ
Sample : K1688-39 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

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-BF022719.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	3.669	261	269	276	rVB	18780	27770	1.26%	0.178%
2	5.334	548	552	569	rVB	210851	253117	11.45%	1.619%
3	6.363	724	727	741	rBV	250799	310213	14.04%	1.984%
4	6.493	746	749	757	rVV	338005	304744	13.79%	1.949%
5	6.722	784	788	797	rBV	1044988	887614	40.17%	5.676%
6	6.875	811	814	825	rBV	263745	250321	11.33%	1.601%
7	7.281	874	883	890	rBV	157015	193388	8.75%	1.237%
8	8.004	1002	1006	1014	rBV	1243120	1150002	52.04%	7.354%
9	8.610	1105	1109	1112	rBV	25544	30375	1.37%	0.194%
10	9.081	1185	1189	1201	rBV	332702	356646	16.14%	2.281%
11	9.169	1201	1204	1210	rBV	48512	44900	2.03%	0.287%
12	9.475	1253	1256	1258	rBV	34220	40073	1.81%	0.256%
13	9.698	1291	1294	1298	rBV	64030	52695	2.38%	0.337%
14	9.757	1300	1304	1314	rVB	1239708	1189862	53.85%	7.609%
15	10.192	1375	1378	1381	rBV	80379	66098	2.99%	0.423%
16	10.416	1409	1416	1419	rBV	38351	48321	2.19%	0.309%
17	10.539	1433	1437	1446	rBV	192103	223167	10.10%	1.427%
18	10.663	1455	1458	1466	rBV	95517	122651	5.55%	0.784%
19	11.116	1532	1535	1537	rBV	81596	78357	3.55%	0.501%
20	11.145	1537	1540	1545	rVB2	36810	40230	1.82%	0.257%
21	11.233	1551	1555	1563	rBV	1227748	1126902	51.00%	7.207%
22	11.539	1604	1607	1609	rBV	83685	69800	3.16%	0.446%
23	11.633	1620	1623	1627	rBV	1112872	944287	42.73%	6.039%
24	11.769	1643	1646	1655	rBV	99038	111629	5.05%	0.714%
25	11.945	1668	1676	1679	rBV	75416	95892	4.34%	0.613%
26	12.322	1736	1740	1741	rBV	2353790	2209708	100.00%	14.131%
27	12.339	1741	1743	1746	rVB	2367957	1912473	86.55%	12.230%
28	12.422	1754	1757	1761	rBV	412324	393721	17.82%	2.518%
29	12.474	1761	1766	1769	rBV4	49086	73661	3.33%	0.471%
30	12.551	1777	1779	1785	rBV5	35121	42095	1.91%	0.269%
31	12.657	1795	1797	1802	rVV2	80506	81450	3.69%	0.521%
32	12.698	1802	1804	1808	rVB	59087	51745	2.34%	0.331%
33	12.816	1820	1824	1828	rBV	307933	311751	14.11%	1.994%
34	12.980	1849	1852	1854	rBV2	48934	46794	2.12%	0.299%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.004	1854	1856	1862	rVV6	56327	87264	3.95%	0.558%
36	13.057	1862	1865	1870	rVV4	72982	99630	4.51%	0.637%
37	13.145	1878	1880	1884	rBV	47599	41049	1.86%	0.263%
38	13.398	1920	1923	1925	rBV	57475	48391	2.19%	0.309%
39	13.721	1976	1978	1981	rBV	49304	40333	1.83%	0.258%
40	13.816	1991	1994	1998	rBV3	35358	37209	1.68%	0.238%
41	13.863	1998	2002	2009	rBV	995955	971319	43.96%	6.212%
42	14.039	2029	2032	2038	rVB	77258	75243	3.41%	0.481%
43	14.345	2081	2084	2088	rBV	77592	95206	4.31%	0.609%
44	14.639	2131	2134	2136	rBV	98564	94386	4.27%	0.604%
45	14.951	2185	2187	2192	rVB	114266	124590	5.64%	0.797%
46	15.274	2238	2242	2246	rBV	599581	780094	35.30%	4.989%

Sum of corrected areas: 15637166

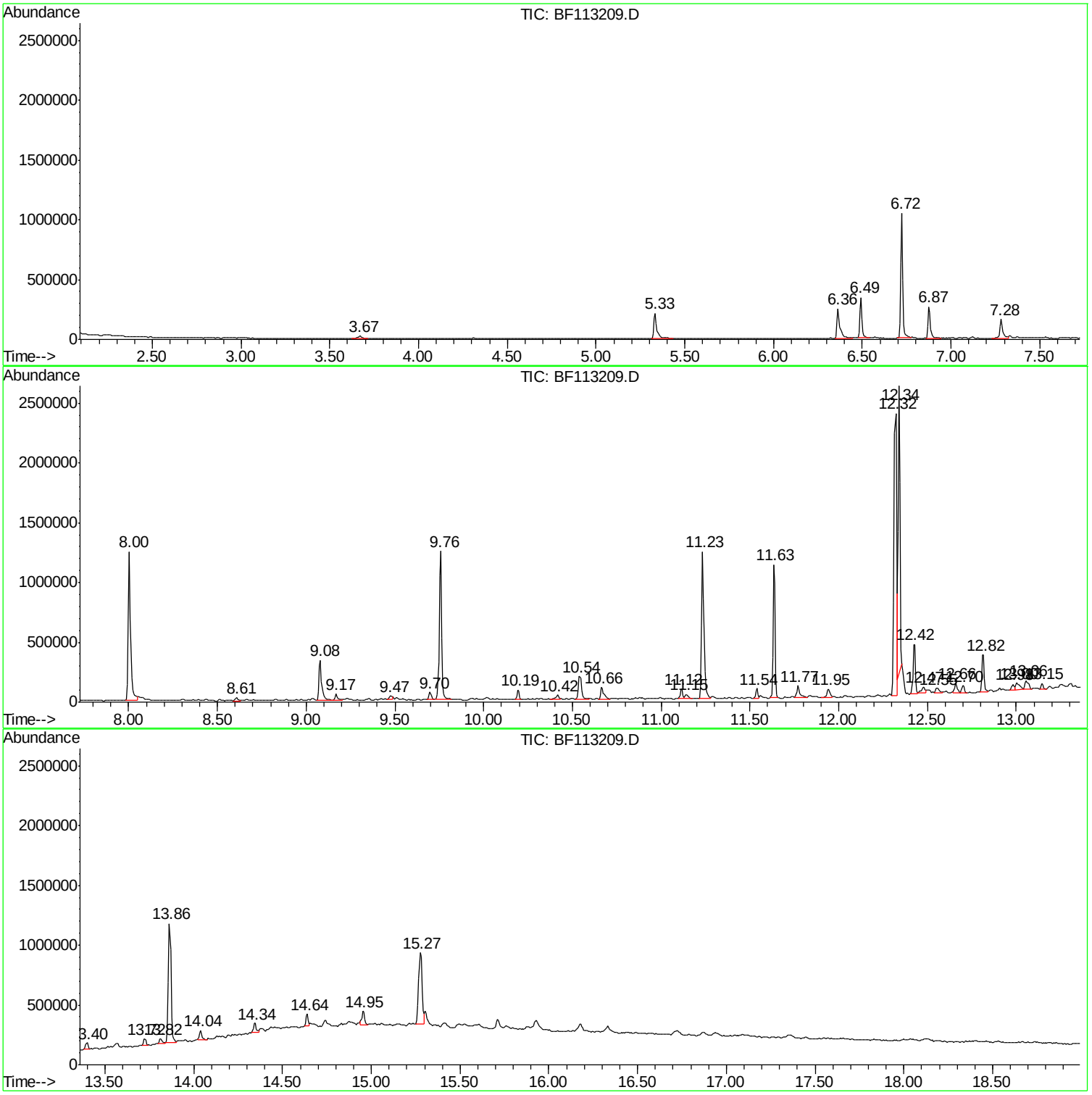
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113209.D
Acq On : 21 Mar 2019 15:32
Operator : JU/SJ
Sample : K1688-39 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113209.D
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Operator : JU/SJ
Sample : K1688-39 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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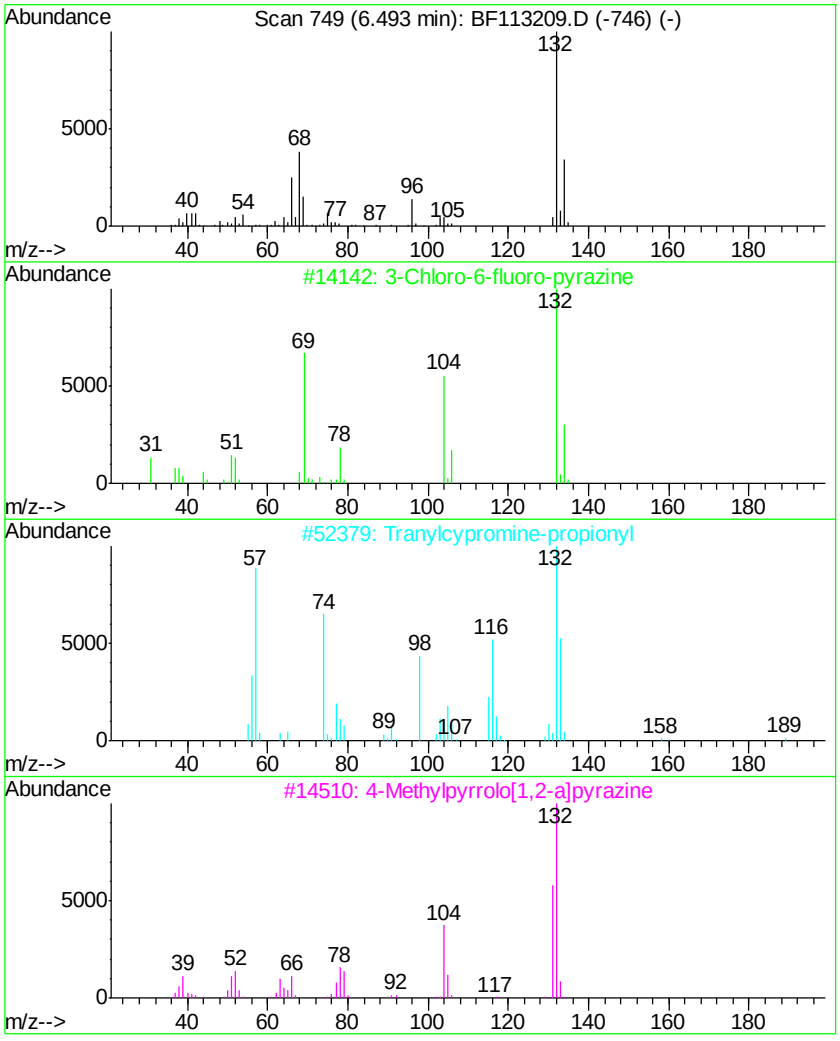
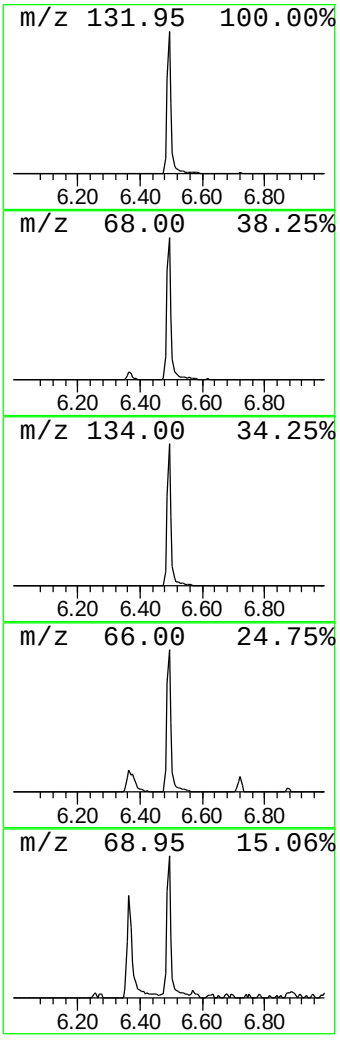
Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	6.87 ng	304744	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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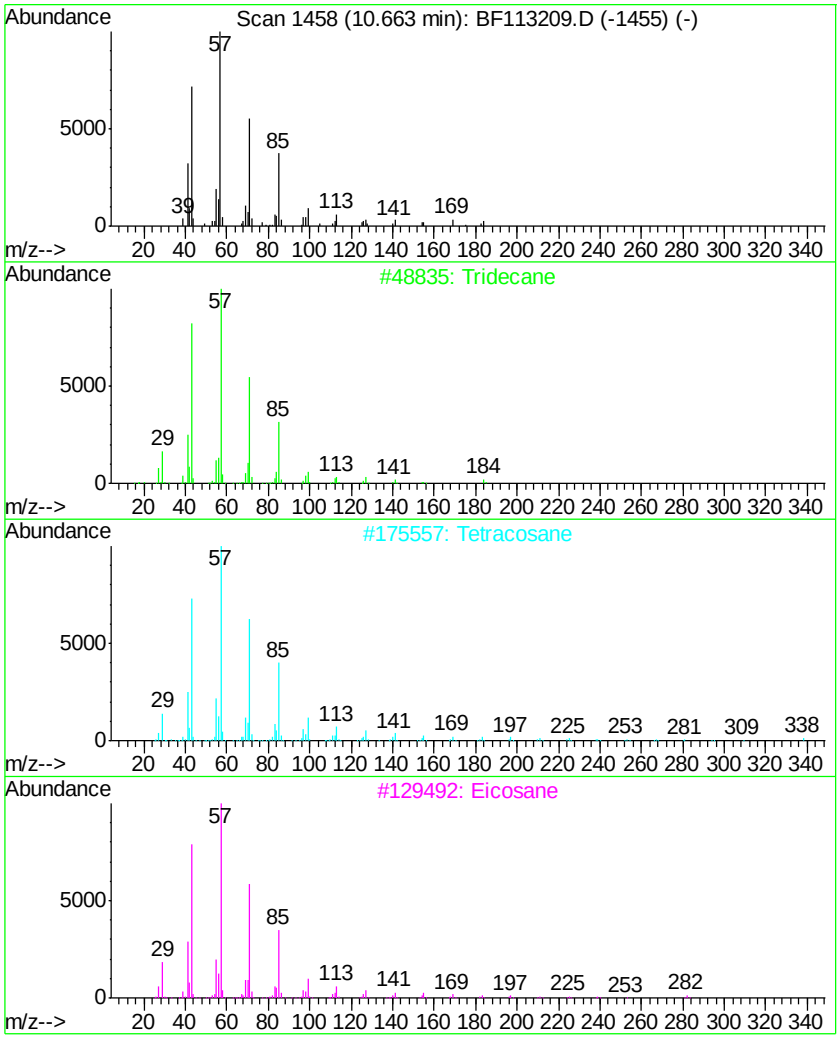
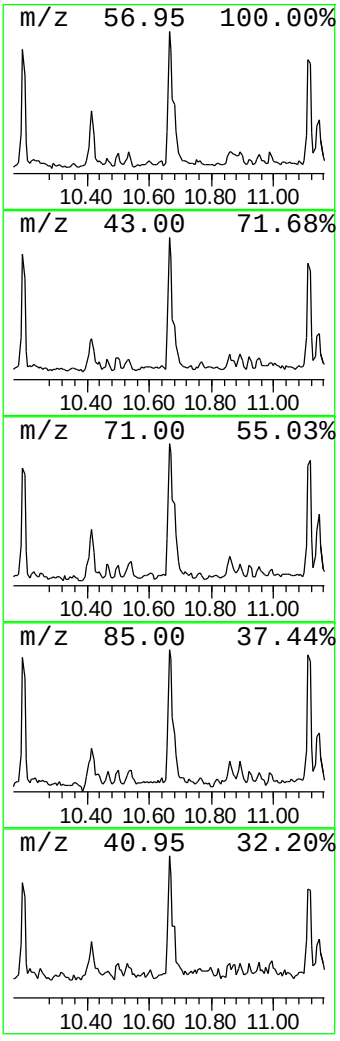
Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.18 ng	122651	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Octacosane	394	C28H58	000630-02-4	87





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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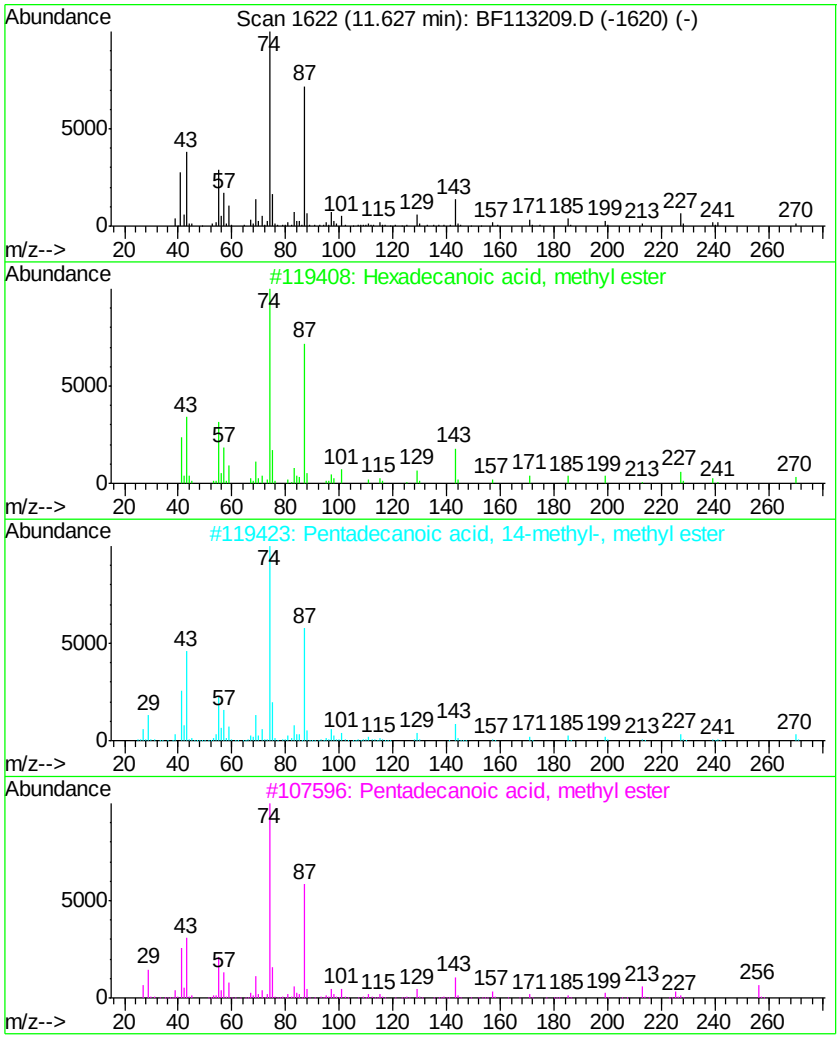
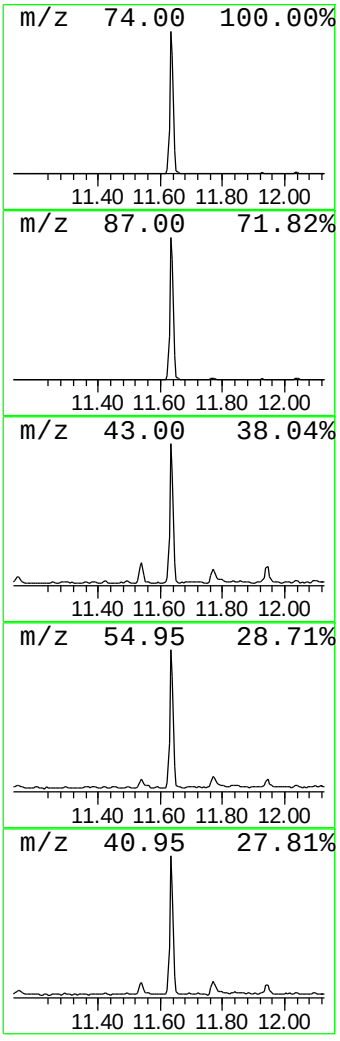
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	16.76 ng	944287	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Library Search Compound Report

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

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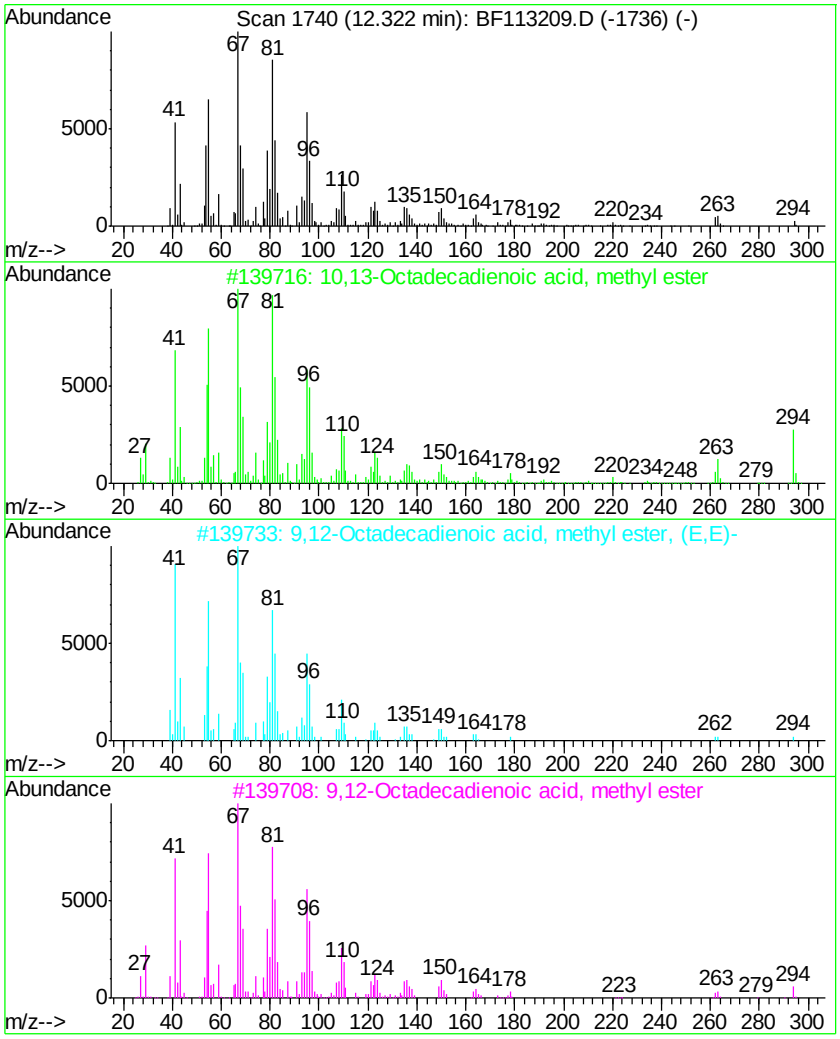
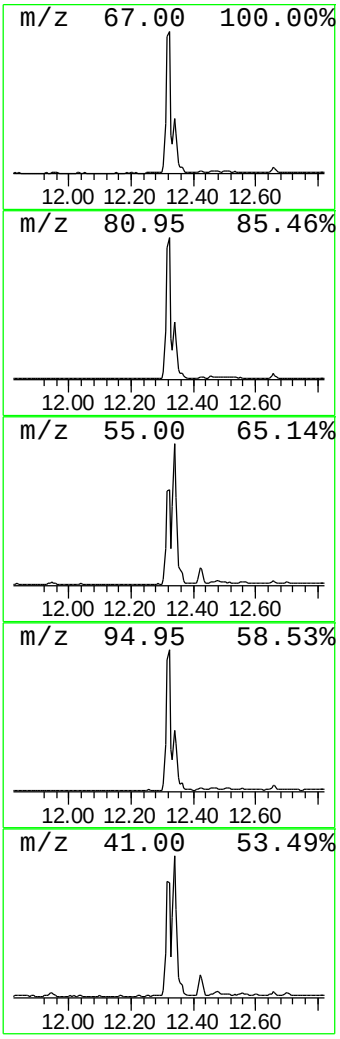
Peak Number 5 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	39.22 ng	2209710	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Sample : K1688-39 10X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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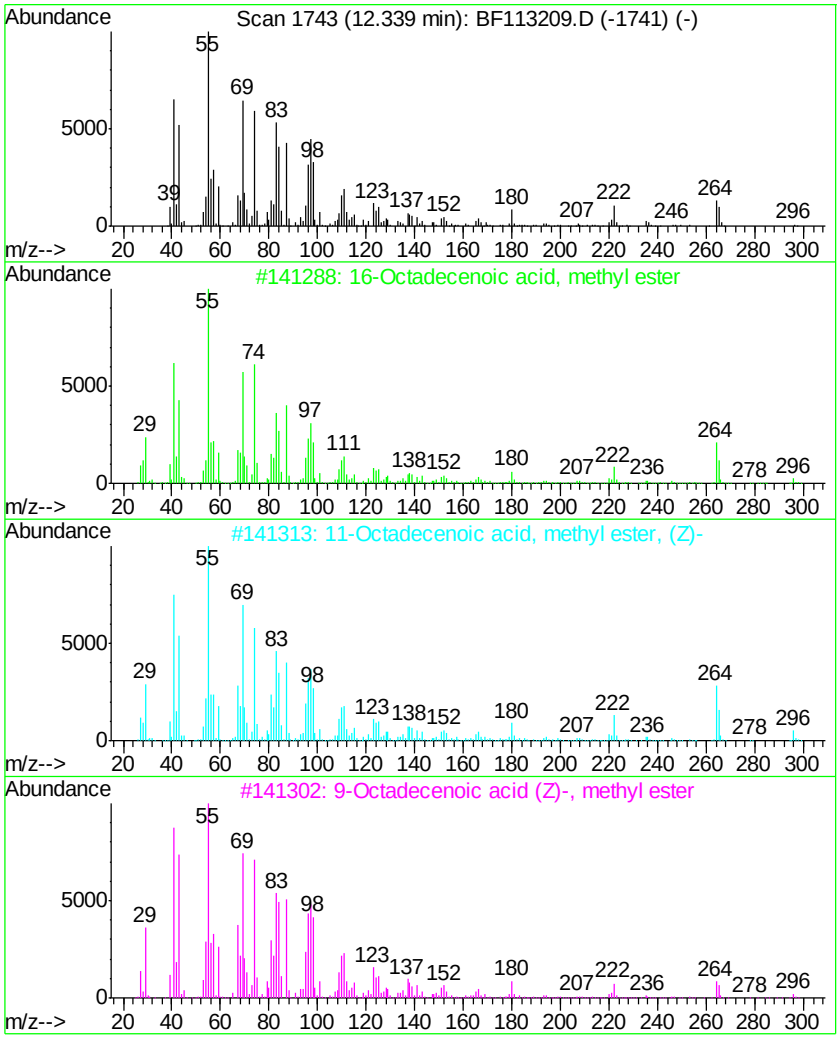
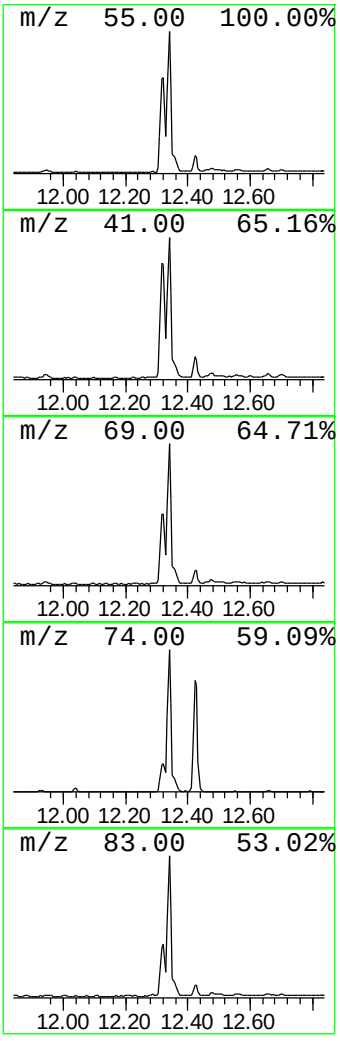
Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	33.94 ng	1912470	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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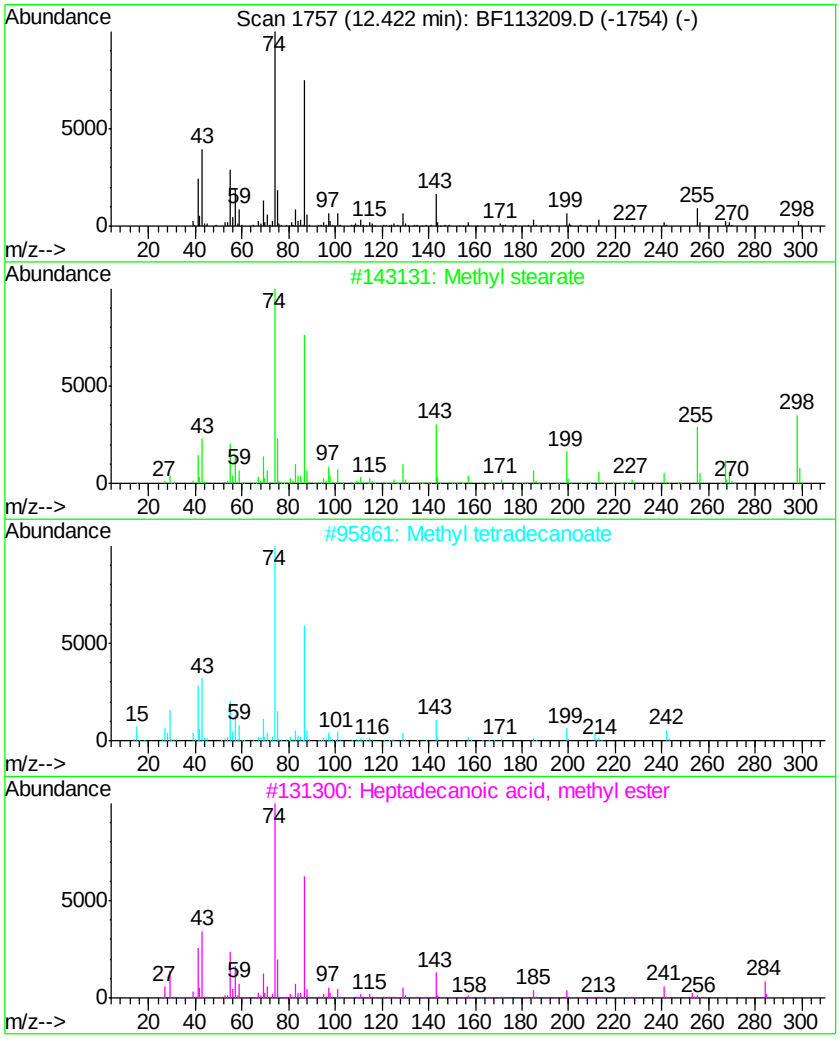
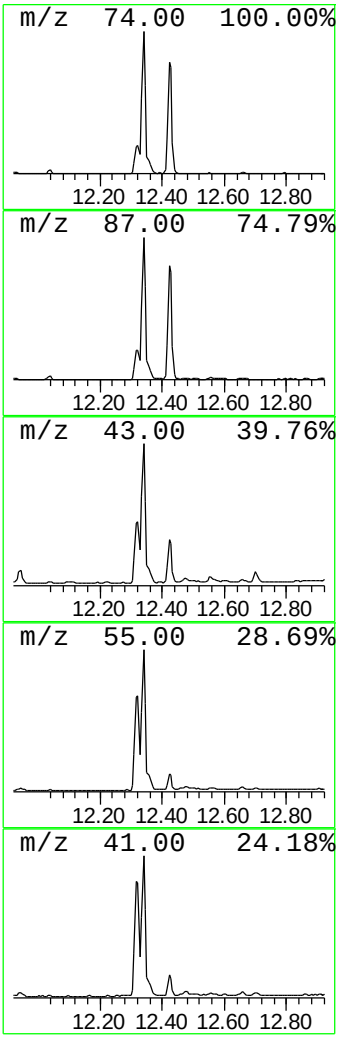
Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.99 ng	393721	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





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Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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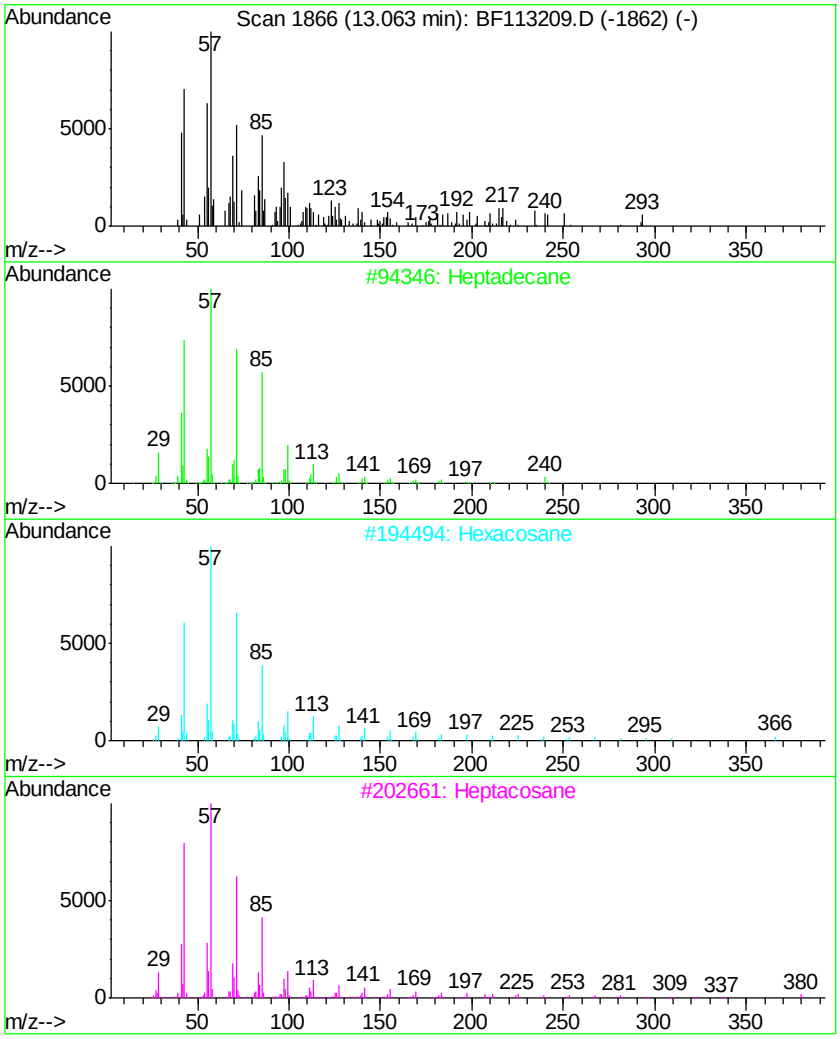
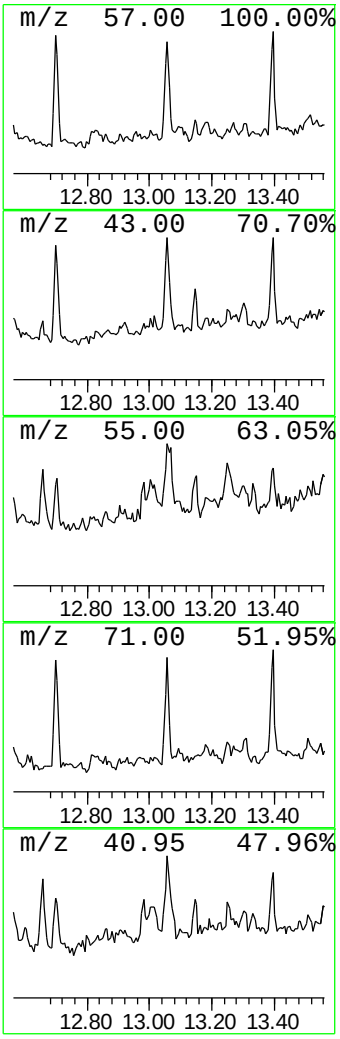
Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.05 ng	99630	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexacosane	366	C26H54	000630-01-3	74
3	Heptacosane	380	C27H56	000593-49-7	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Octacosane	394	C28H58	000630-02-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113209.D
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Operator : JU/SJ
Sample : K1688-39 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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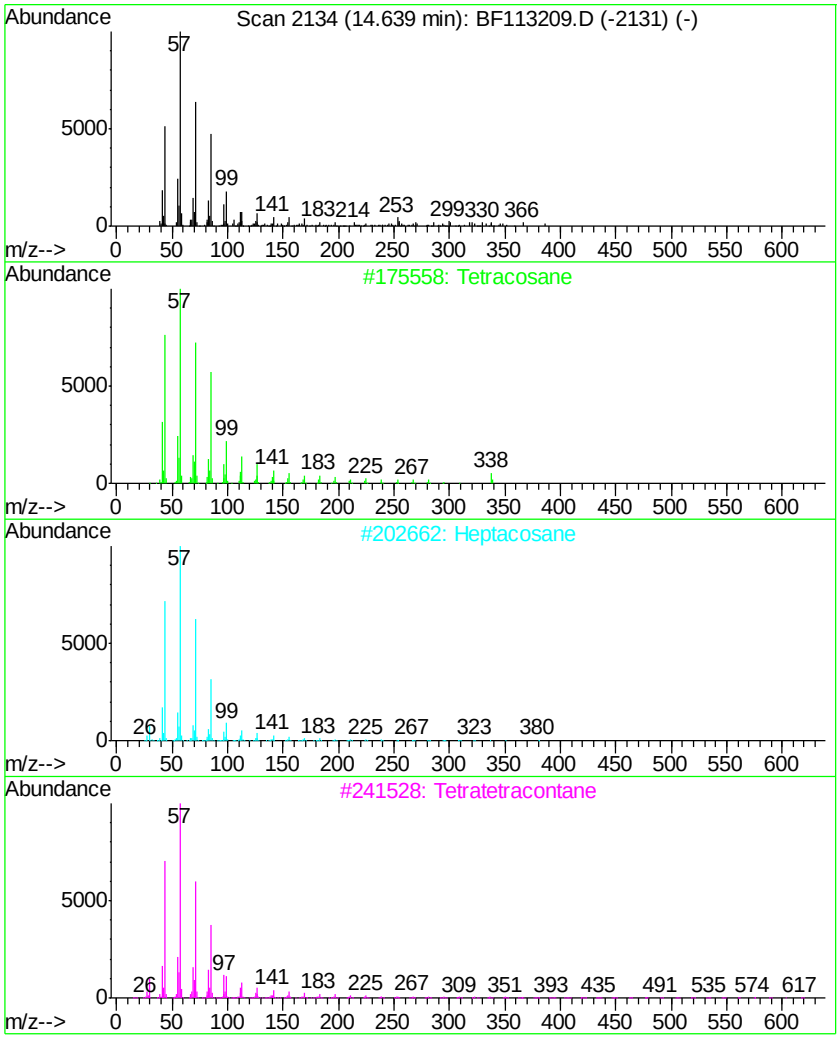
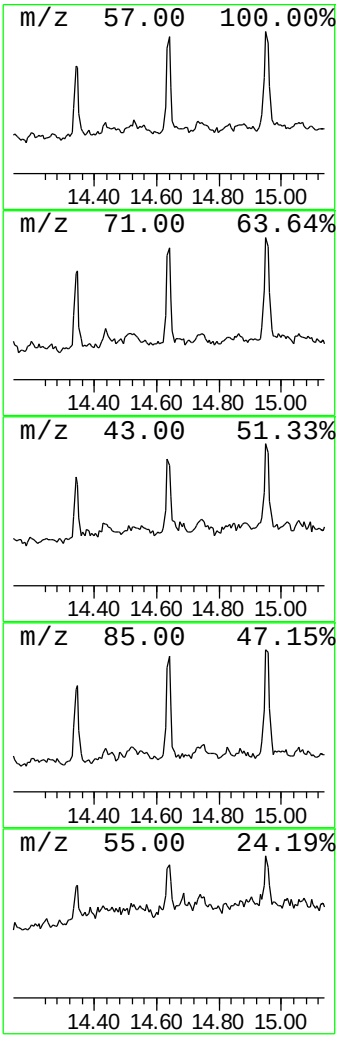
Peak Number 9 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.42 ng	94386	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tetratetracontane	619	C44H90	007098-22-8	76
4	Hentriacontane	437	C31H64	000630-04-6	64
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113209.D
Acq On : 21 Mar 2019 15:32
Operator : JU/SJ
Sample : K1688-39 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

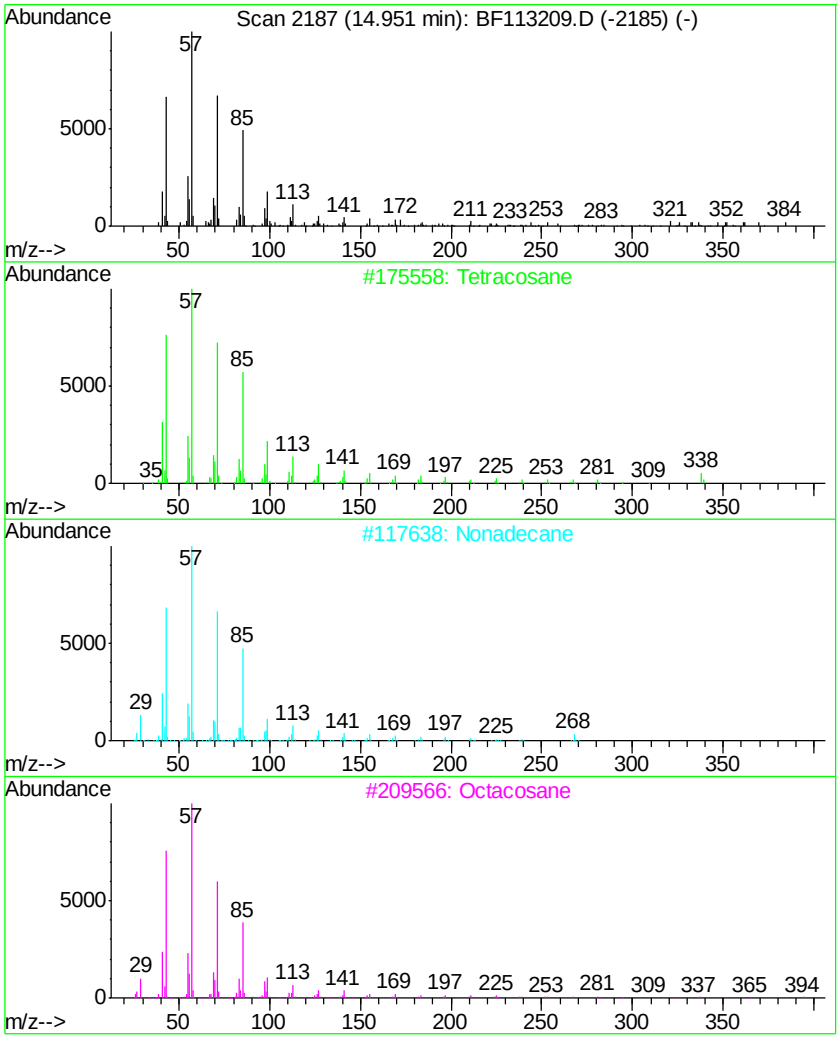
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

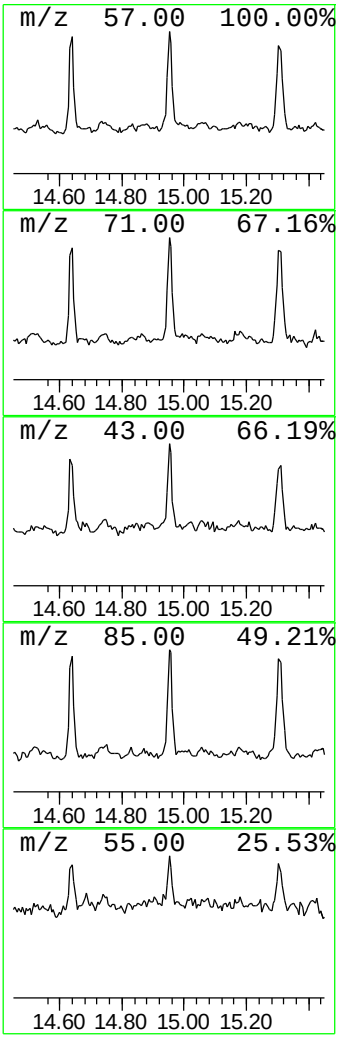
****

Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.19 ng	124590	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113209.D
Acq On : 21 Mar 2019 15:32
Operator : JU/SJ
Sample : K1688-39 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	6.9	ng	304744	1	6.72	887614	20.0
Tridecane	10.66	2.2	ng	122651	4	11.23	1126900	20.0
Hexadecanoic acid...	11.63	16.8	ng	944287	4	11.23	1126900	20.0
10,13-Octadecadie...	12.32	39.2	ng	2209710	4	11.23	1126900	20.0
16-Octadecenoic a...	12.34	33.9	ng	1912470	4	11.23	1126900	20.0
Methyl stearate	12.42	7.0	ng	393721	4	11.23	1126900	20.0
Heptadecane	13.06	2.0	ng	99630	5	13.86	971319	20.0
Tetracosane	14.64	2.4	ng	94386	6	15.27	780094	20.0
Nonadecane	14.95	3.2	ng	124590	6	15.27	780094	20.0