LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

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-BF092218.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	4.899	474	478	488	rVB	54505	67289	3.22%	0.290%
2	5.316	545	549	552	rBV	1909521	1767910	84.56%	7.616%
3	6.346	719	724	736	rBV	2063231	1973107	94.38%	8.500%
4	6.475	742	746	749	rBV	2205331	1910752	91.40%	8.231%
5	6.704	782	785	789	rBV	848111	681590	32.60%	2.936%
6	6.863	808	812	815	rBV	1585763	1301928	62.27%	5.608%
7	7.263	876	880	883	rBV	1253986	1200286	57.41%	5.171%
8	7.987	999	1003	1006	rBV	1156727	894514	42.79%	3.853%
9	9.063	1182	1186	1189	rBV	2562004	2090614	100.00%	9.006%
10	9.457	1249	1253	1256	rBV	706109	550135	26.31%	2.370%
11	9.739	1296	1301	1304	rBV	1113497	1058558	50.63%	4.560%
12	10.281	1390	1393	1396	rBV	40315	31141	1.49%	0.134%
13	10.522	1430	1434	1440	rBV	1428278	1276921	61.08%	5.501%
14	11.216	1548	1552	1554	rBV	1152852	1092912	52.28%	4.708%
15	11.233	1554	1555	1559	rVV	331250	239535	11.46%	1.032%
16	11.286	1559	1564	1567	rVB	78940	64102	3.07%	0.276%
17	11.439	1585	1590	1593	rBV2	38228	37327	1.79%	0.161%
18	11.716	1633	1637	1639	rBV	39580	36032	1.72%	0.155%
19	11.745	1639	1642	1647	rBV2	88317	121214	5.80%	0.522%
20	11.822	1652	1655	1658	rBV	60090	62416	2.99%	0.269%
21	12.027	1688	1690	1696	rVB	30988	30292	1.45%	0.130%
22	12.263	1726	1730	1733	rBV	26987	32102	1.54%	0.138%
23	12.345	1741	1744	1749	rVB2	23385	26294	1.26%	0.113%
24	12.422	1753	1757	1760	rVV	297001	276995	13.25%	1.193%
25	12.533	1773	1776	1781	rBV2	84764	99823	4.77%	0.430%
26	12.645	1789	1795	1798	rBV	261670	262202	12.54%	1.130%
27	12.798	1816	1821	1824	rVB	1975799	1868913	89.40%	8.051%
28	12.863	1828	1832	1835	rBV3	19062	25540	1.22%	0.110%
29	12.974	1848	1851	1854	rVB2	36591	34318	1.64%	0.148%
30	13.039	1859	1862	1865	rBV	31149	27993	1.34%	0.121%
31	13.074	1865	1868	1871	rBV	30974	29185	1.40%	0.126%
32	13.380	1917	1920	1929	rVB6	20073	27901	1.33%	0.120%
33	13.474	1934	1936	1942	rVB	25296	28490	1.36%	0.123%
34	13.586	1951	1955	1958	rBV2	24048	28419	1.36%	0.122%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.710	1973	1976	1987	rVB2	71196	109934	5.26%	0.474%
36	13.839	1993	1998	2001	rBV	876893	872750	41.75%	3.760%
37	13.863	2001	2002	2005	rVB	97540	51597	2.47%	0.222%
38	14.021	2026	2029	2032	rVB2	63426	53532	2.56%	0.231%
39	14.227	2061	2064	2066	rVB	24962	25808	1.23%	0.111%
40	14.327	2077	2081	2083	rBV	107345	107598	5.15%	0.464%
41	14.598	2123	2127	2128	rBV2	28839	35203	1.68%	0.152%
42	14.621	2128	2131	2138	rVB	202862	201448	9.64%	0.868%
43	14.692	2138	2143	2146	rBV5	21816	38678	1.85%	0.167%
44	14.845	2165	2169	2172	rBV	99652	142541	6.82%	0.614%
45	14.933	2180	2184	2189	rVB2	263475	284021	13.59%	1.224%
46	15.121	2213	2216	2219	rBV	56868	60597	2.90%	0.261%
47	15.180	2222	2226	2231	rVB	85718	89692	4.29%	0.386%
48	15.239	2231	2236	2240	rBV	601670	738092	35.31%	3.180%
49	15.286	2240	2244	2252	rVB	272469	354449	16.95%	1.527%
50	15.686	2307	2312	2318	rVB	224061	318773	15.25%	1.373%
51	16.151	2385	2391	2400	rBV	129090	230791	11.04%	0.994%
52	16.580	2460	2464	2472	rVB3	33451	60603	2.90%	0.261%
53	16.692	2477	2483	2489	rVV2	46226	85686	4.10%	0.369%
54	16.980	2529	2532	2541	rVB2	24702	48508	2.32%	0.209%
55	17.333	2588	2592	2601	rVB6	21009	46543	2.23%	0.200%

Sum of corrected areas: 23213594

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Misc :
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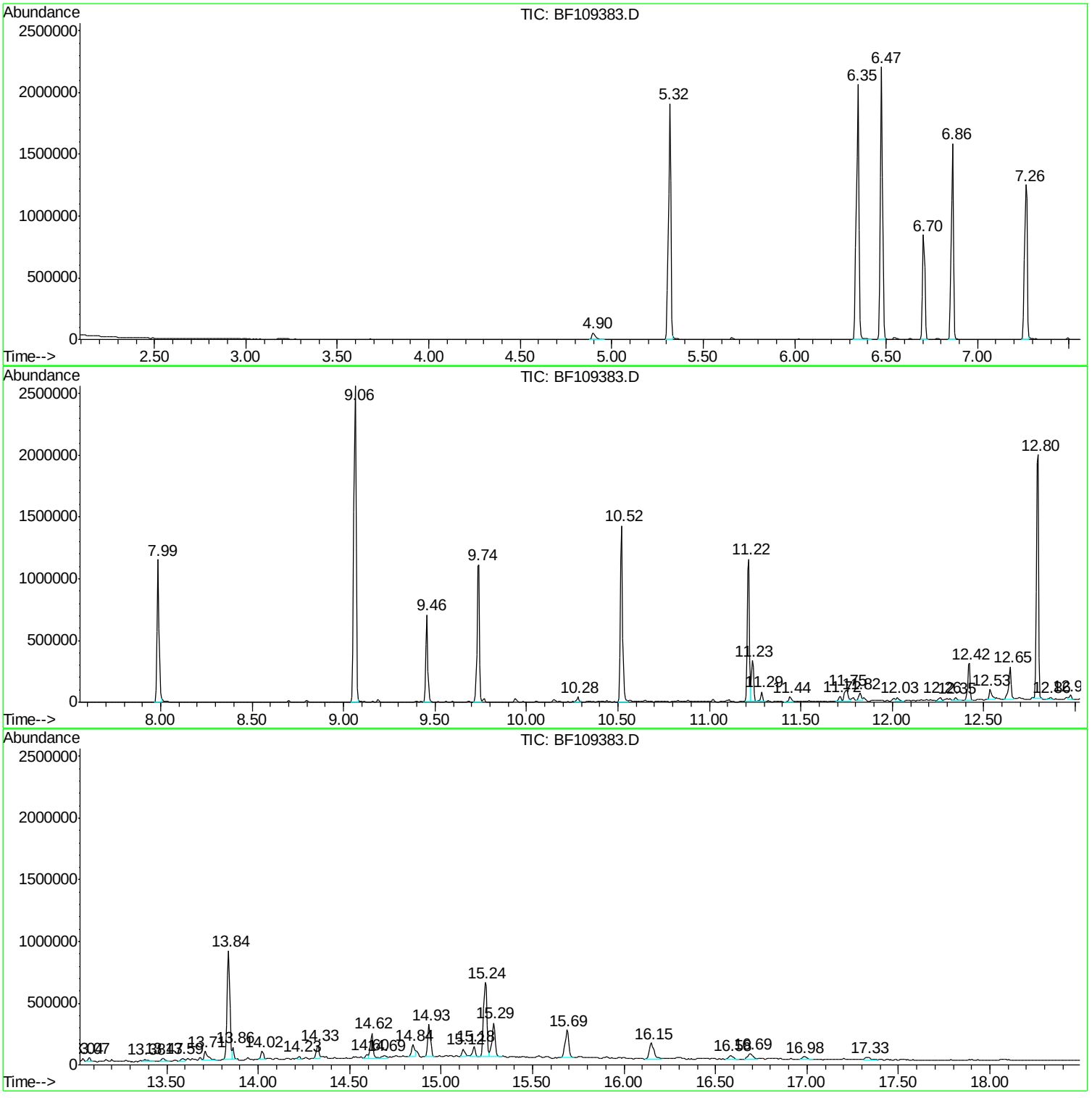
Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

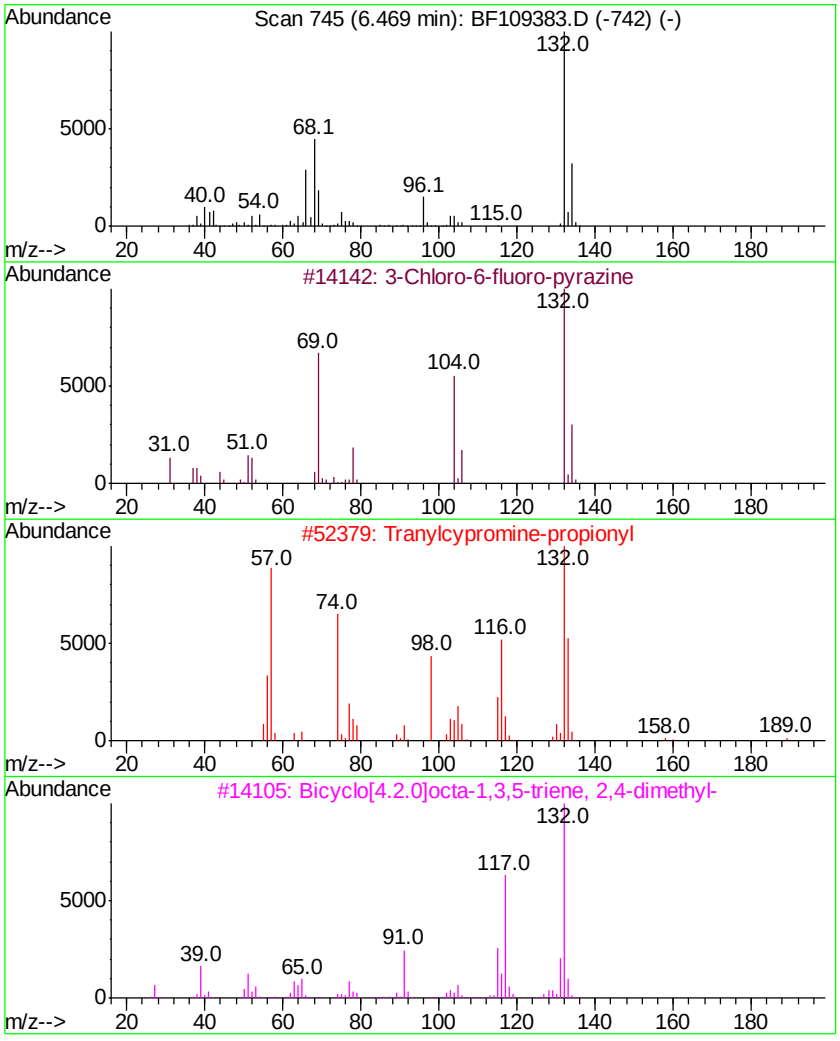
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

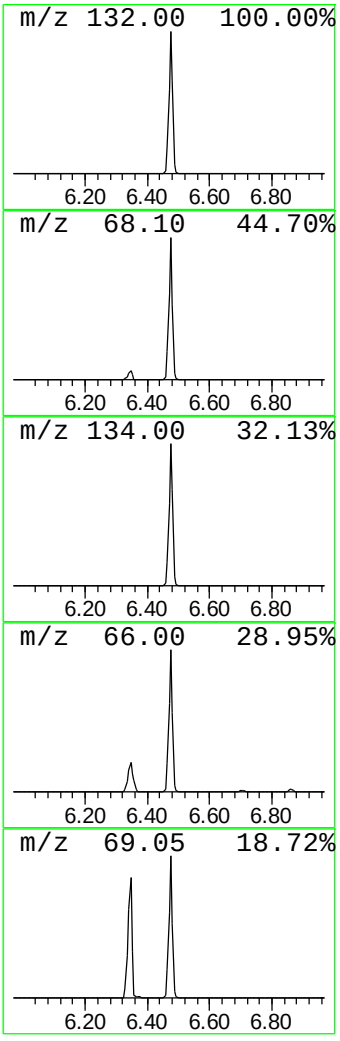
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	56.07 ng	1910750	1,4-Dichlorobenzene-d4	6.70

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	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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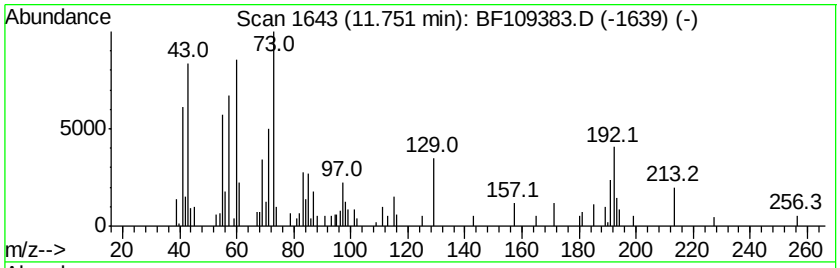
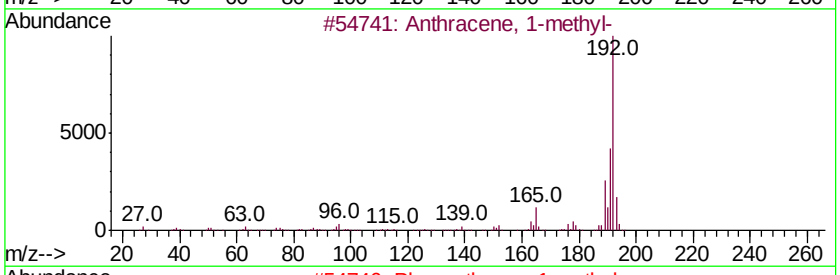
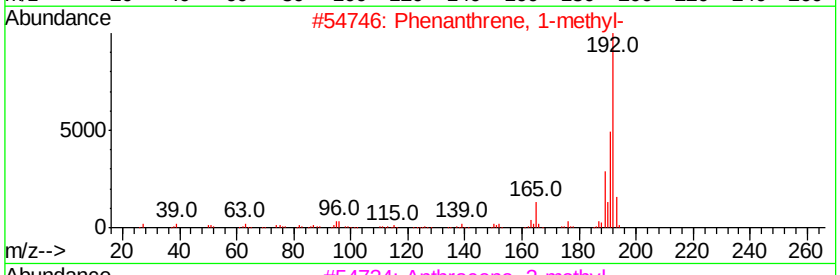
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 11

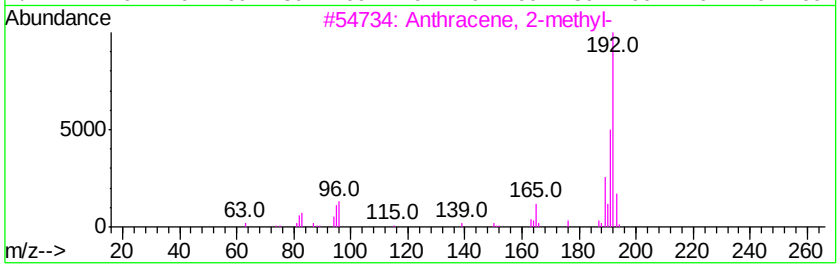
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.22 ng	121214	Phenanthrene-d10	11.22

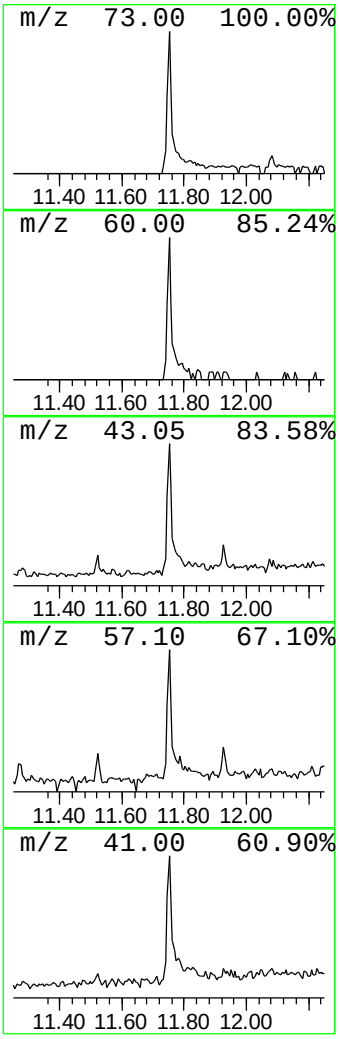
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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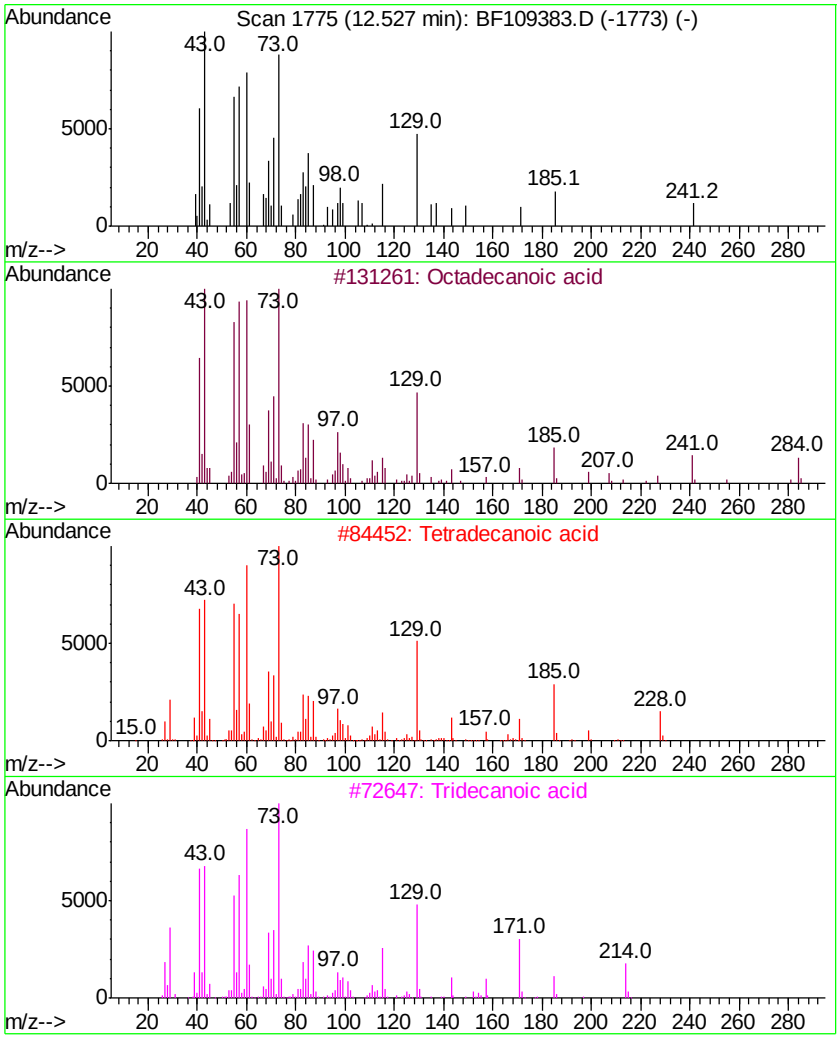
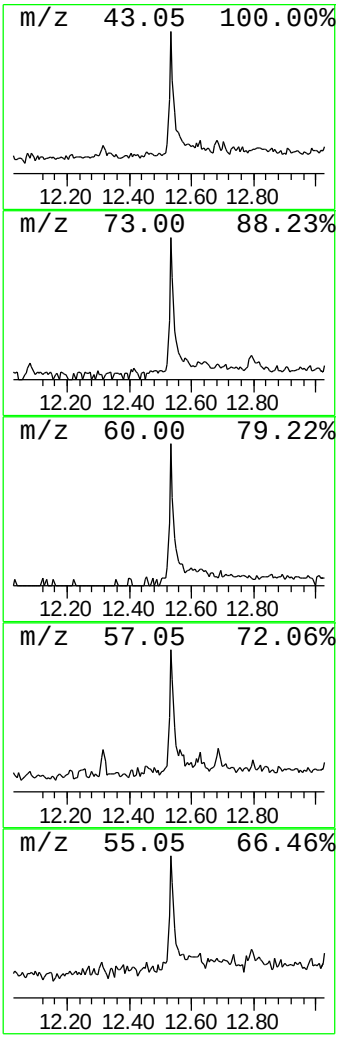
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.29 ng	99823	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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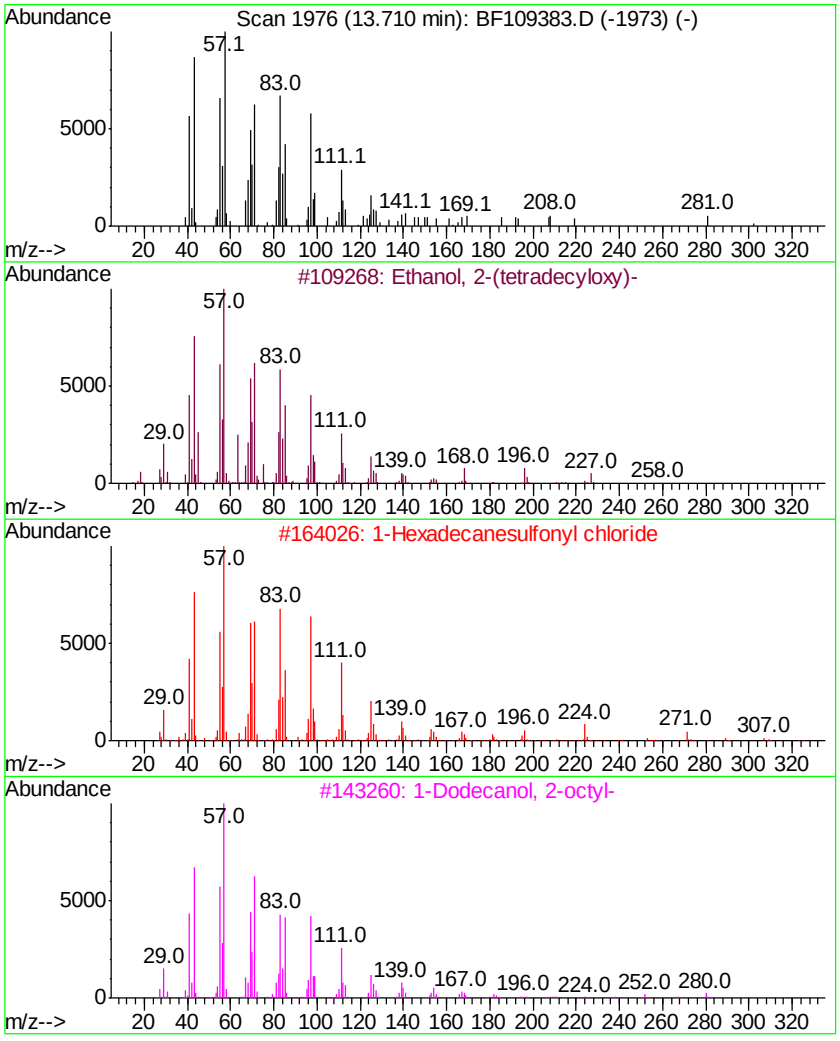
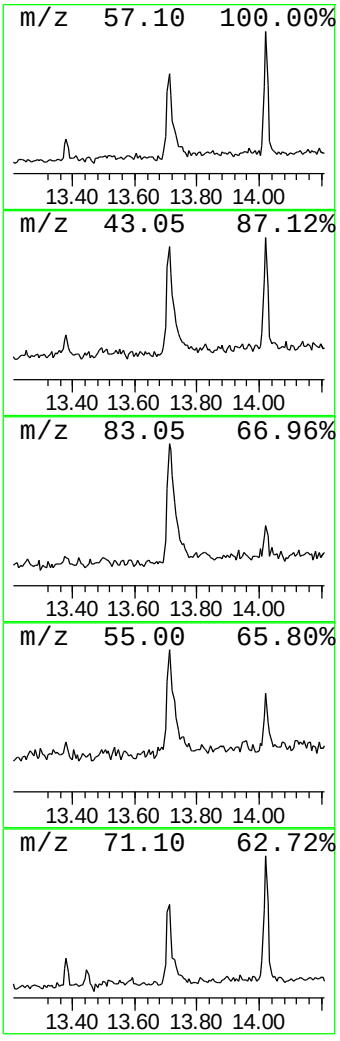
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.52 ng	109934	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	76
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	70





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Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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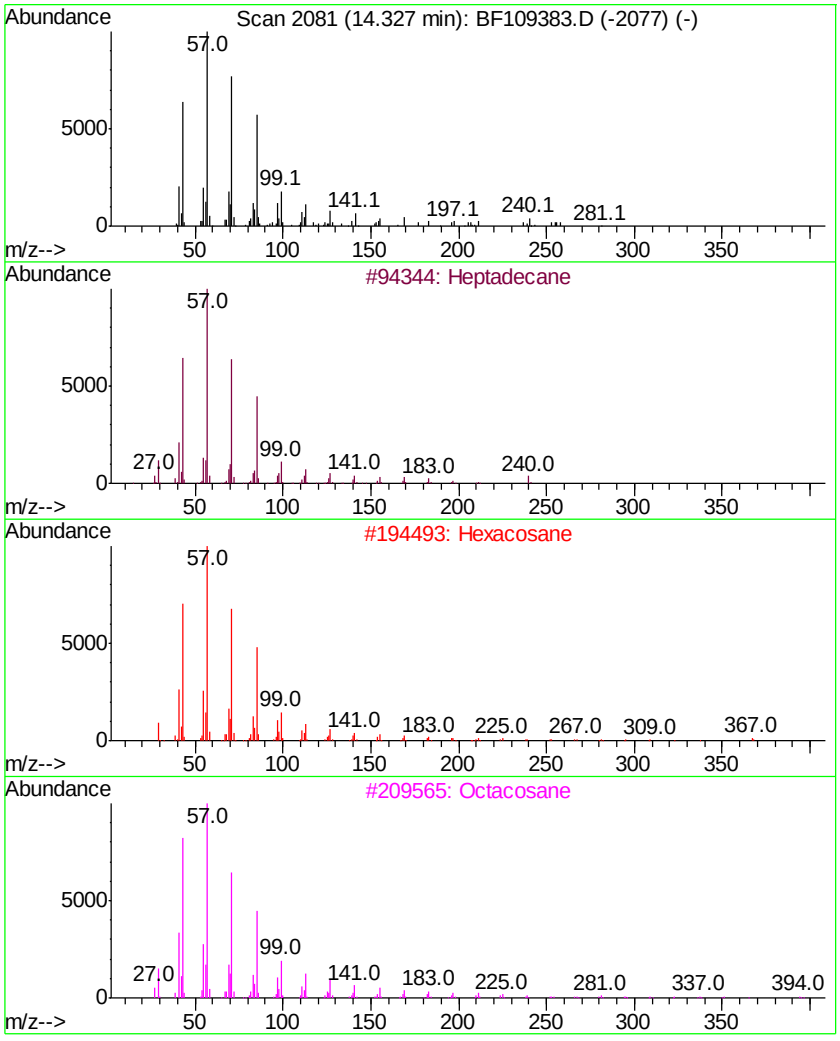
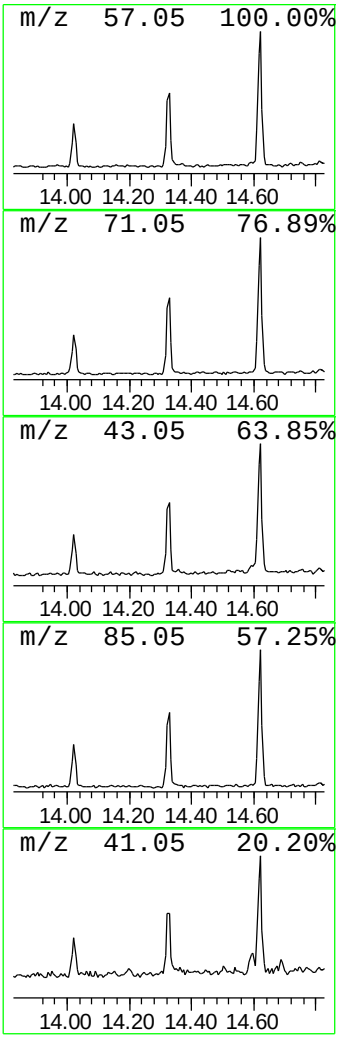
Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.47 ng	107598	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	90





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Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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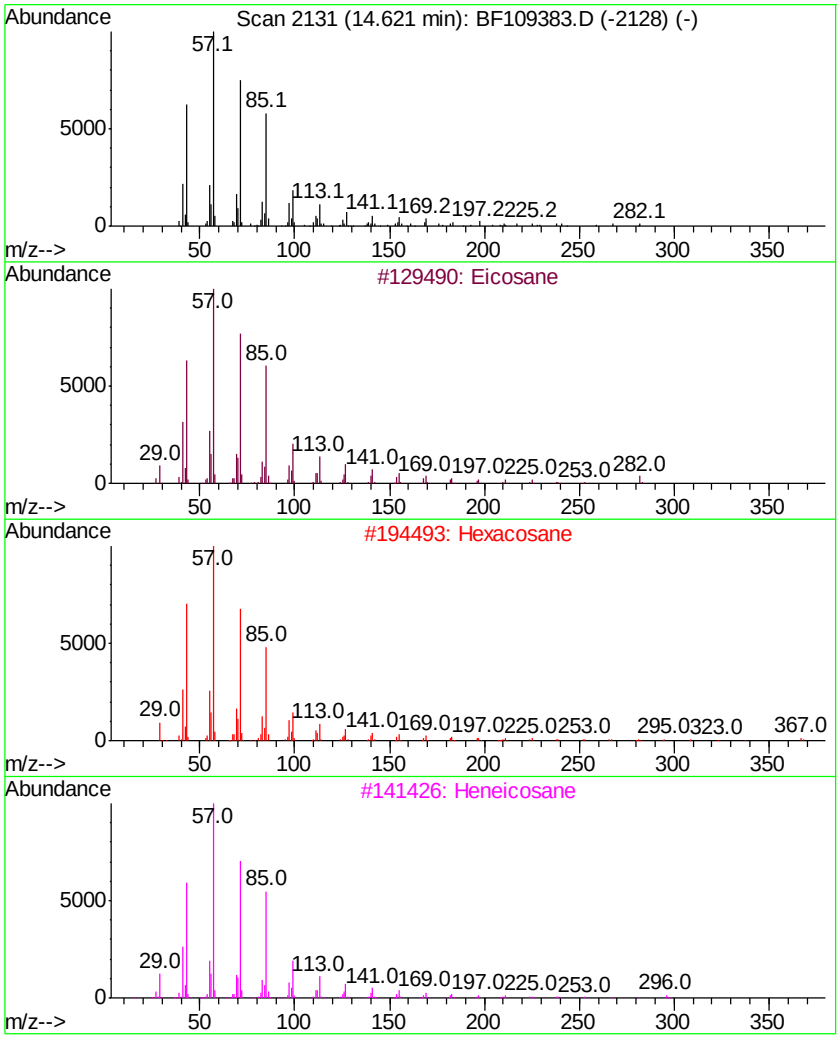
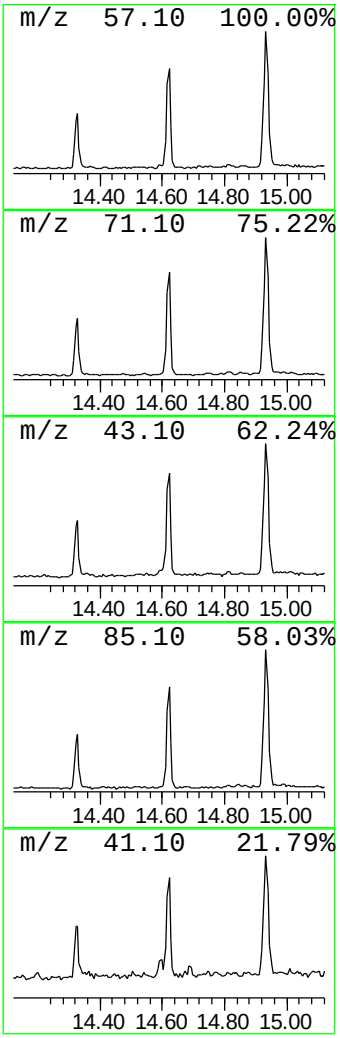
Peak Number 7 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.46 ng	201448	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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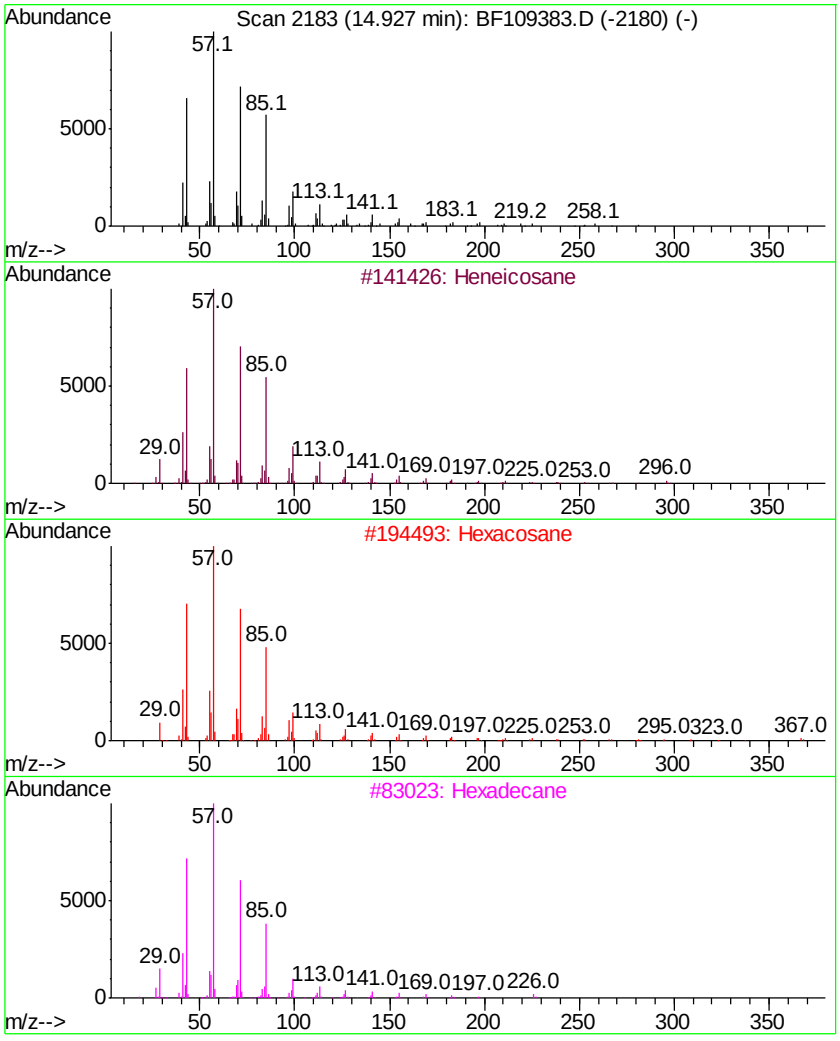
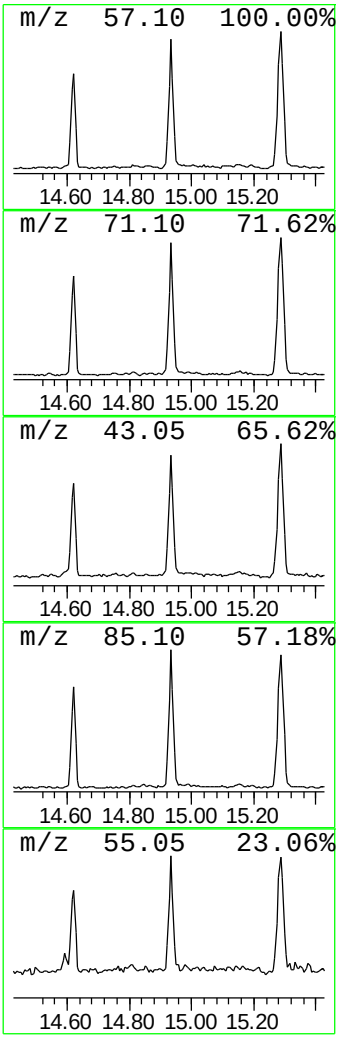
Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	7.70 ng	284021	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexadecane	226	C16H34	000544-76-3	89
4	Octacosane	394	C28H58	000630-02-4	81
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80





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Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
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Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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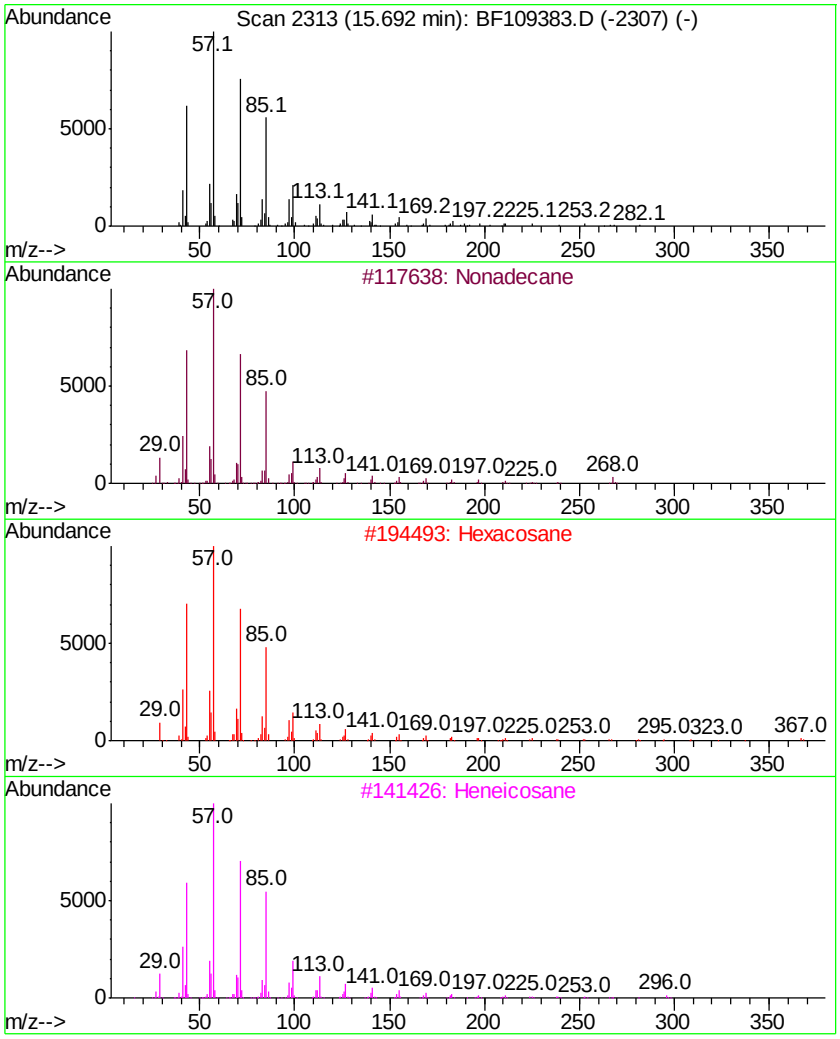
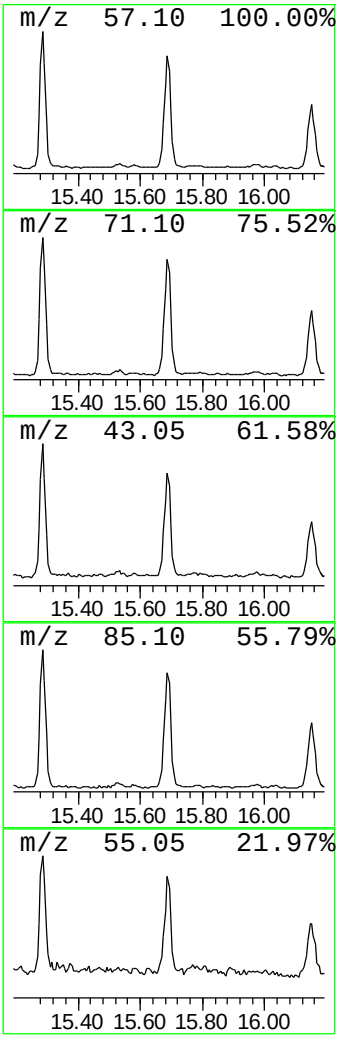
Peak Number 9 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	8.64 ng	318773	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane	254	C18H38	000593-45-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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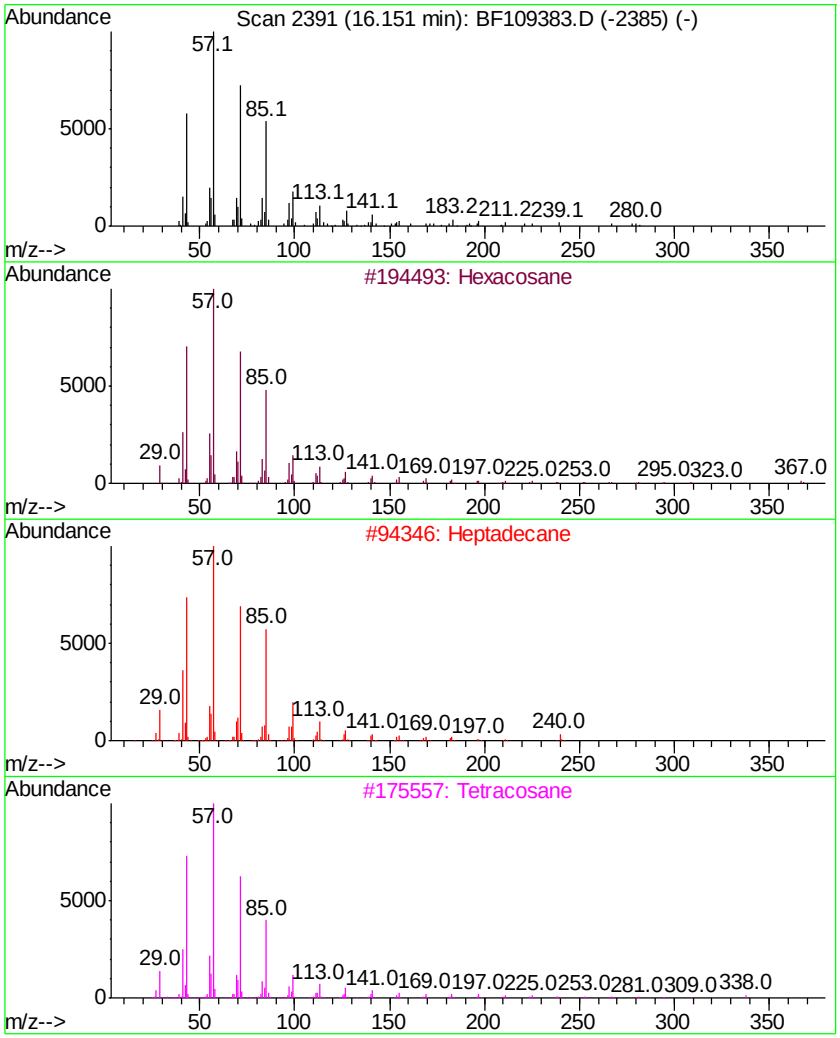
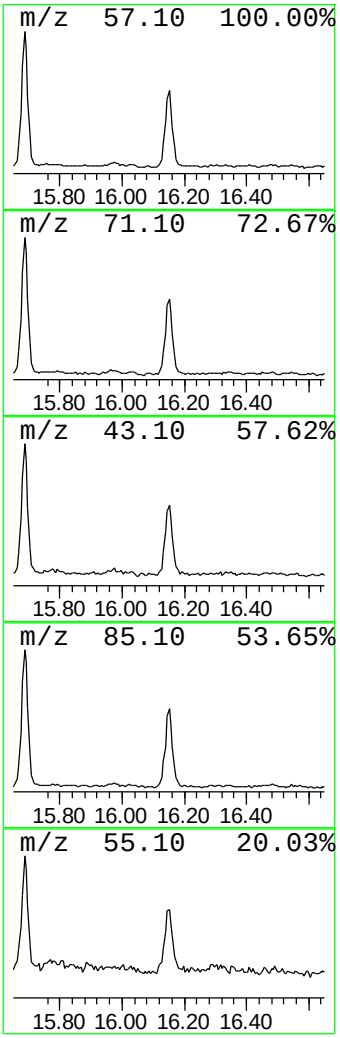
Peak Number 10 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	6.25 ng	230791	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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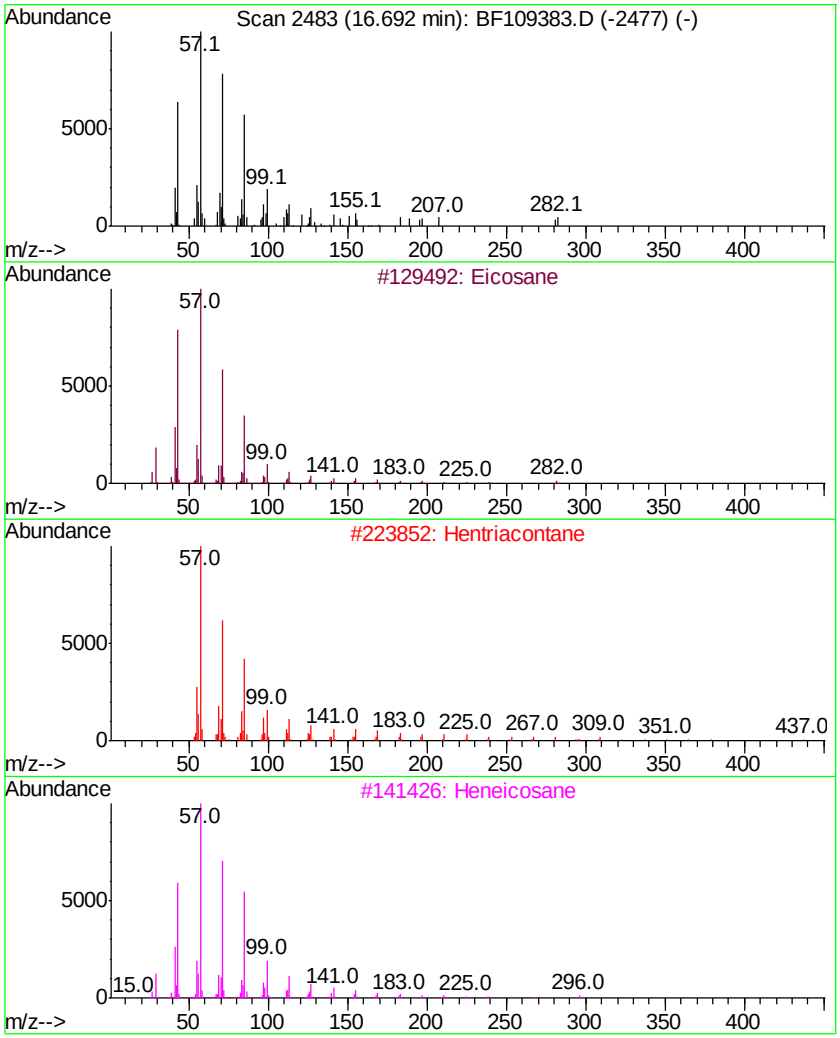
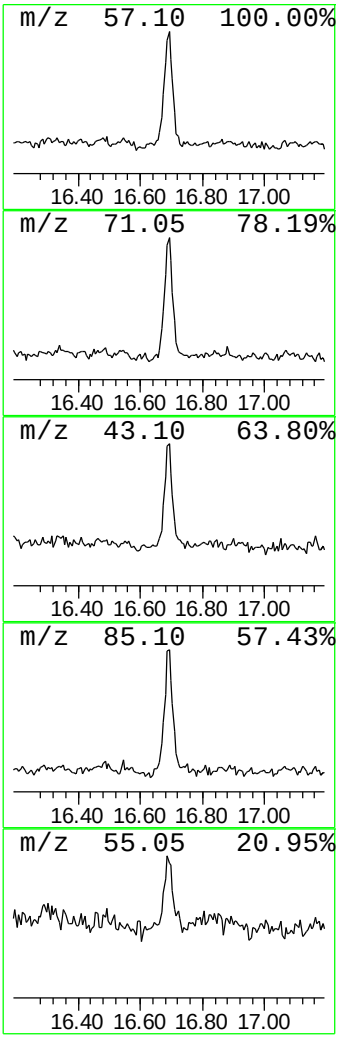
Peak Number 11 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.32 ng	85686	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-HI1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	56.1	ng	1910750	1	6.70	681590	20.0
Anthracene, 1-met...	11.75	2.2	ng	121214	4	11.22	1092910	20.0
Octadecanoic acid	12.53	2.3	ng	99823	5	13.84	872750	20.0
Ethanol, 2-(tetra...	13.71	2.5	ng	109934	5	13.84	872750	20.0
Heptadecane	14.33	2.5	ng	107598	5	13.84	872750	20.0
Triacontane	14.62	5.5	ng	201448	6	15.24	738092	20.0
Heneicosane	14.93	7.7	ng	284021	6	15.24	738092	20.0
Nonadecane	15.69	8.6	ng	318773	6	15.24	738092	20.0
Hexacosane	16.15	6.3	ng	230791	6	15.24	738092	20.0
Hentriacontane	16.69	2.3	ng	85686	6	15.24	738092	20.0