LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

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-BF011619.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	5.481	574	577	589	rBV	1014079	968911	9.46%	1.638%
2	6.492	746	749	765	rBV	1145136	1033467	10.10%	1.747%
3	6.628	768	772	779	rBV	1225737	1106216	10.81%	1.870%
4	6.851	807	810	819	rBV	1642384	1403489	13.71%	2.372%
5	7.010	833	837	844	rBV	1031961	882736	8.62%	1.492%
6	7.410	901	905	910	rBV	633714	549179	5.36%	0.928%
7	8.133	1023	1028	1035	rBV	1990068	1848850	18.06%	3.125%
8	8.728	1126	1129	1133	rBV2	120830	110799	1.08%	0.187%
9	9.210	1207	1211	1214	rBV	1325579	1173200	11.46%	1.983%
10	9.292	1221	1225	1229	rBV	220755	215093	2.10%	0.364%
11	9.751	1300	1303	1308	rBV	132032	143365	1.40%	0.242%
12	9.822	1308	1315	1317	rVV	309798	298186	2.91%	0.504%
13	9.892	1323	1327	1330	rVB	1867805	1585538	15.49%	2.680%
14	10.092	1357	1361	1366	rVB3	106868	151006	1.48%	0.255%
15	10.139	1366	1369	1373	rBV4	81298	110608	1.08%	0.187%
16	10.316	1394	1399	1402	rBV	355041	349924	3.42%	0.591%
17	10.439	1416	1420	1426	rBV	172143	204273	2.00%	0.345%
18	10.539	1432	1437	1442	rBV	129751	193126	1.89%	0.326%
19	10.680	1455	1461	1464	rBV	557277	575873	5.63%	0.973%
20	10.792	1477	1480	1488	rVB	419454	497527	4.86%	0.841%
21	11.239	1553	1556	1559	rBV	345711	274169	2.68%	0.463%
22	11.269	1559	1561	1567	rVB	207216	235744	2.30%	0.398%
23	11.374	1576	1579	1582	rBV	1573367	1575192	15.39%	2.662%
24	11.398	1582	1583	1587	rVV	1025296	775203	7.57%	1.310%
25	11.451	1589	1592	1595	rVB	373887	289514	2.83%	0.489%
26	11.669	1625	1629	1631	rBV2	299652	298535	2.92%	0.505%
27	11.769	1642	1646	1649	rBV	3668856	3256373	31.81%	5.504%
28	11.880	1662	1665	1667	rBV	161802	162726	1.59%	0.275%
29	11.904	1667	1669	1675	rVB	272142	272508	2.66%	0.461%
30	11.992	1681	1684	1686	rBV2	347608	323804	3.16%	0.547%
31	12.010	1686	1687	1691	rVB	134535	115646	1.13%	0.195%
32	12.074	1693	1698	1702	rVB	257253	278211	2.72%	0.470%
33	12.168	1711	1714	1717	rBV	161187	143099	1.40%	0.242%
34	12.427	1755	1758	1759	rBV	147251	134204	1.31%	0.227%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.457	1759	1763	1765	rVV	9002144	10236865	100.00%	17.302%
36	12.480	1765	1767	1772	rVV	11099310	9810415	95.83%	16.581%
37	12.521	1772	1774	1777	rVB4	208156	198873	1.94%	0.336%
38	12.557	1777	1780	1783	rBV	1909690	1451700	14.18%	2.454%
39	12.592	1783	1786	1791	rVV	1946798	1735551	16.95%	2.933%
40	12.633	1791	1793	1800	rVB4	108815	217976	2.13%	0.368%
41	12.792	1817	1820	1822	rBV	339760	416340	4.07%	0.704%
42	12.821	1822	1825	1831	rVB	1711632	1692489	16.53%	2.861%
43	12.957	1843	1848	1851	rBV	1167932	1055821	10.31%	1.785%
44	13.039	1858	1862	1865	rBV2	173022	256531	2.51%	0.434%
45	13.115	1873	1875	1877	rBV2	327565	315659	3.08%	0.534%
46	13.151	1877	1881	1885	rVV	422605	553421	5.41%	0.935%
47	13.204	1888	1890	1895	rVV2	342478	500580	4.89%	0.846%
48	13.257	1896	1899	1901	rVV2	195810	206891	2.02%	0.350%
49	13.280	1901	1903	1906	rVB	335958	269742	2.64%	0.456%
50	13.374	1917	1919	1923	rBV	129253	166363	1.63%	0.281%
51	13.527	1943	1945	1948	rBV	172754	177346	1.73%	0.300%
52	13.857	1999	2001	2006	rVB3	229022	262426	2.56%	0.444%
53	13.951	2014	2017	2021	rVB2	237250	220722	2.16%	0.373%
54	14.021	2024	2029	2031	rVV2	1794236	2402514	23.47%	4.061%
55	14.045	2031	2033	2040	rVB	821121	745402	7.28%	1.260%
56	14.174	2052	2055	2059	rBV3	225599	250435	2.45%	0.423%
57	14.480	2105	2107	2109	rVB2	248758	184396	1.80%	0.312%
58	14.786	2157	2159	2163	rVB2	271013	236304	2.31%	0.399%
59	14.904	2176	2179	2187	rVB	353331	513489	5.02%	0.868%
60	15.062	2203	2206	2209	rBV	534400	771114	7.53%	1.303%
61	15.121	2214	2216	2221	rVB2	267888	311549	3.04%	0.527%
62	15.368	2256	2258	2263	rVB	330102	356833	3.49%	0.603%
63	15.433	2265	2269	2274	rVV	460487	576043	5.63%	0.974%
64	15.498	2276	2280	2292	rVB3	945402	1534802	14.99%	2.594%

Sum of corrected areas: 59164886

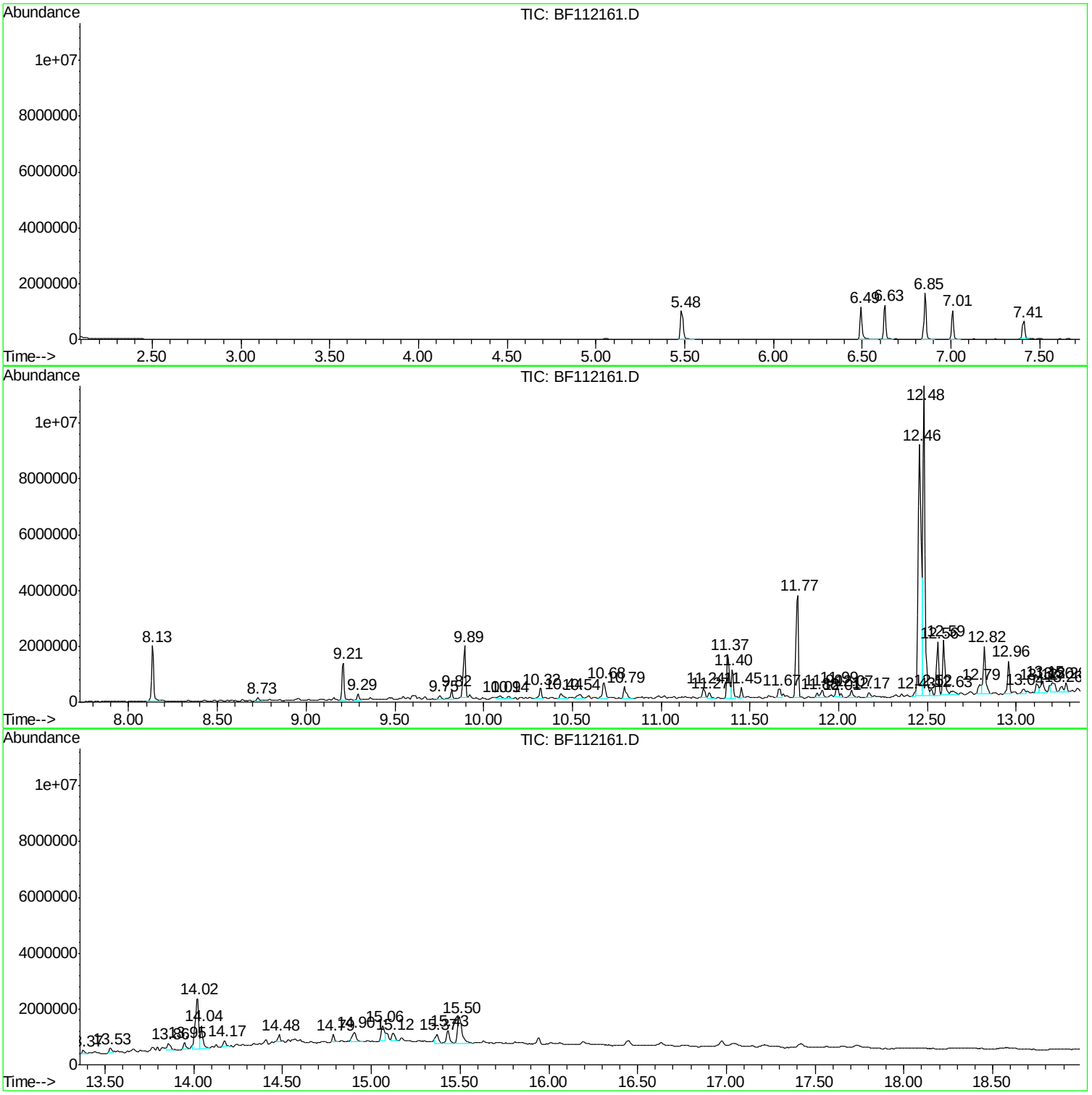
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

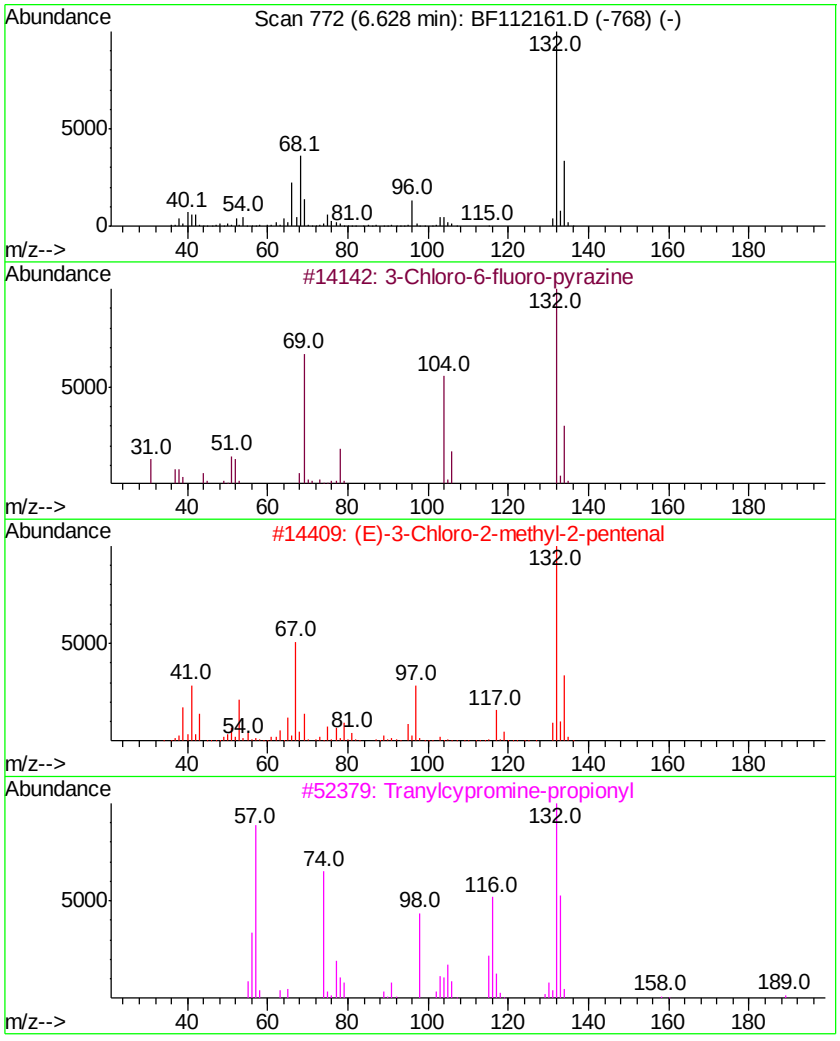
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

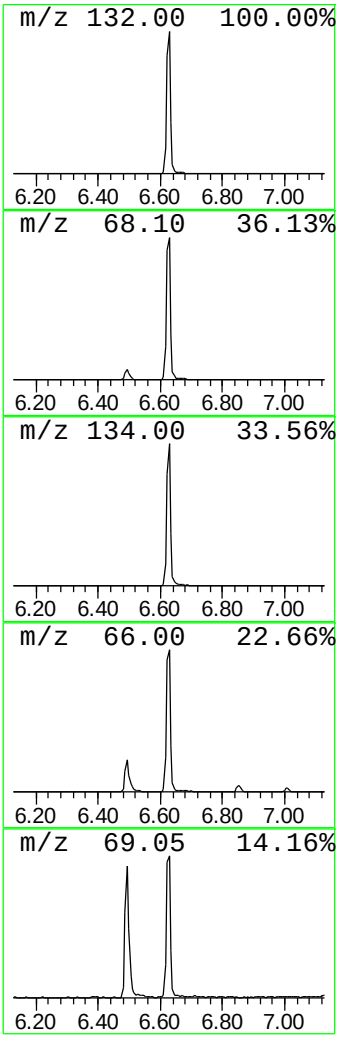
****

Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	15.76 ng	1106220	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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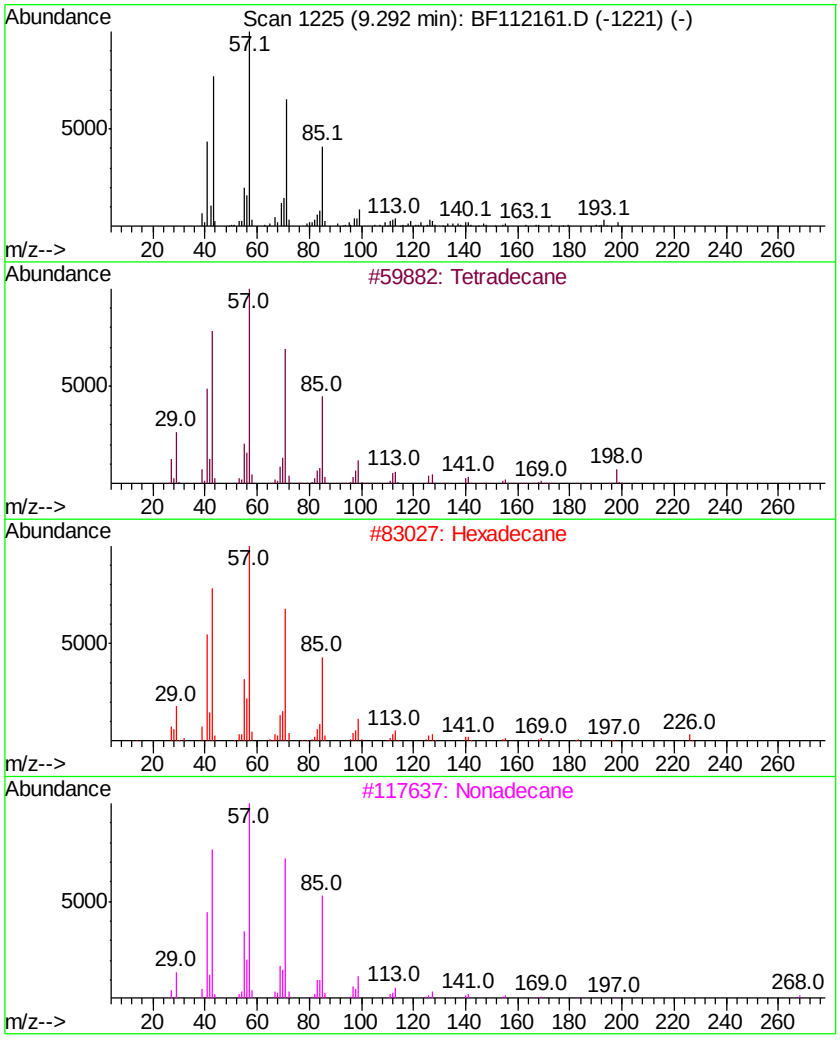
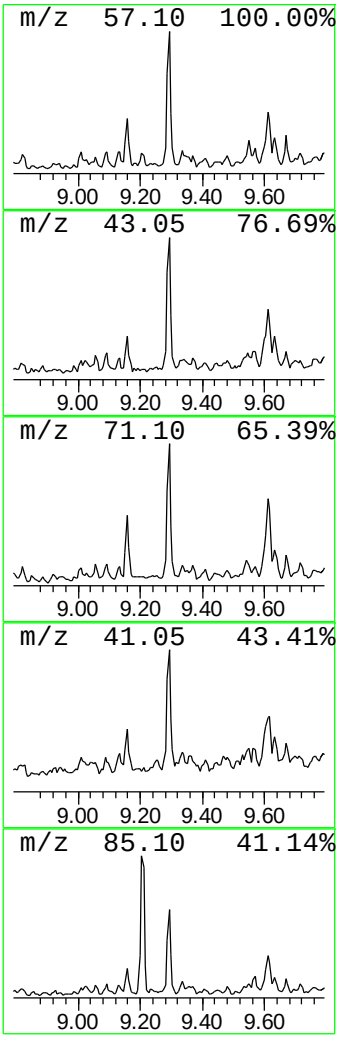
Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.71 ng	215093	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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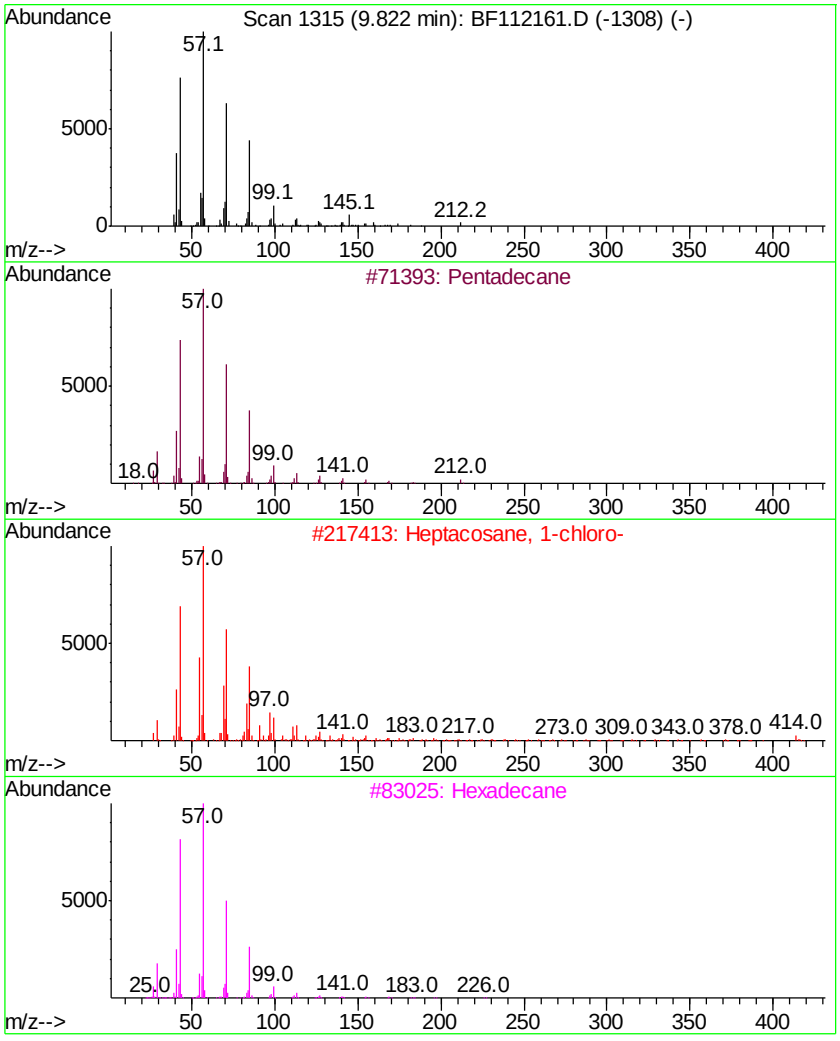
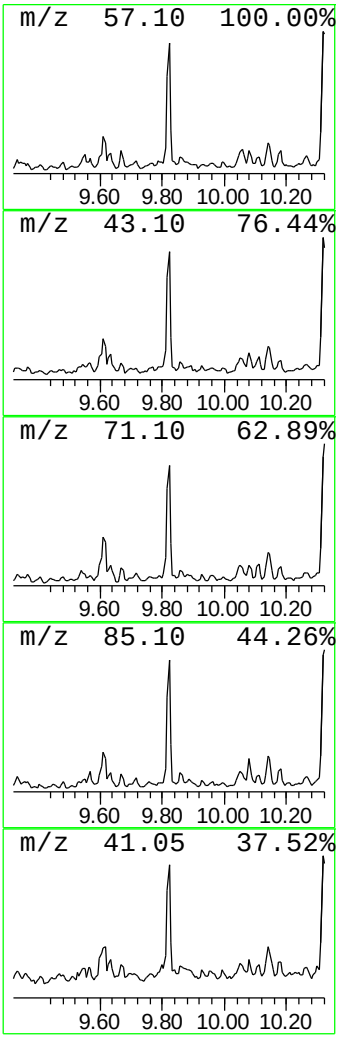
Peak Number 4 Heptacosane, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.76 ng	298186	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	81
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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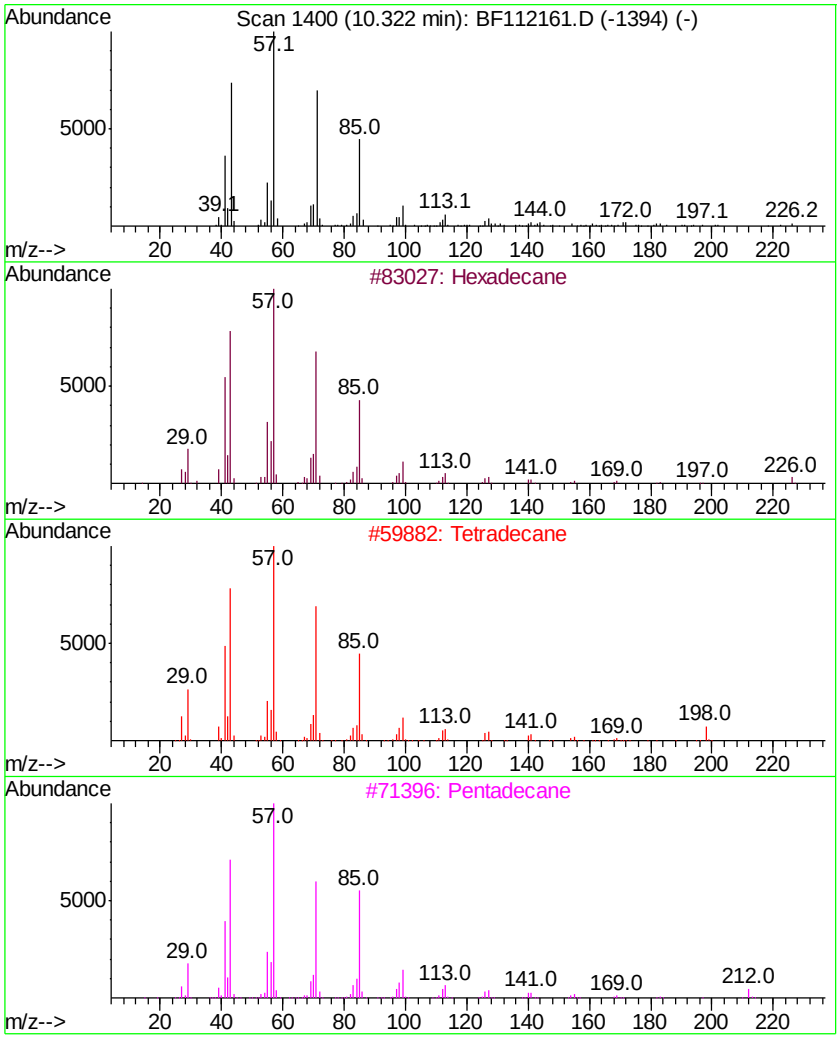
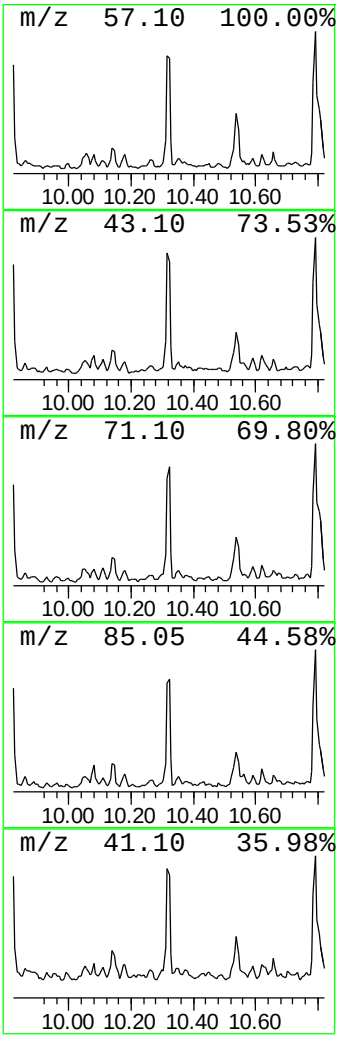
Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	4.41 ng	349924	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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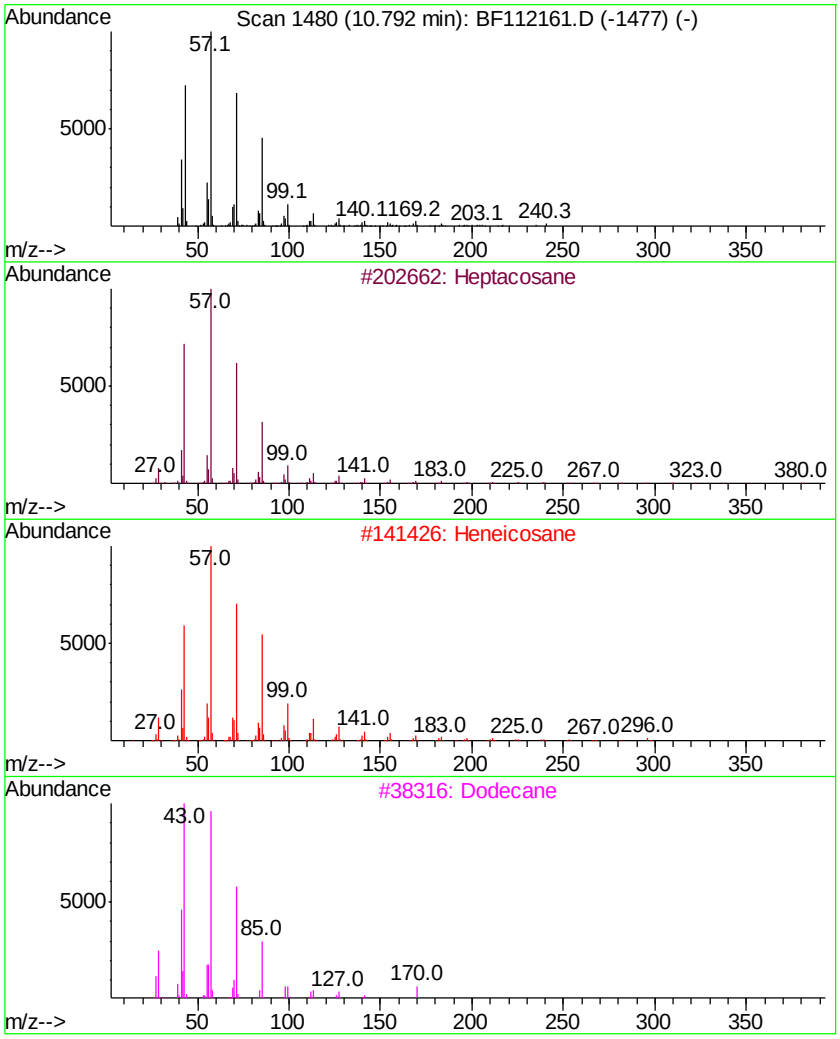
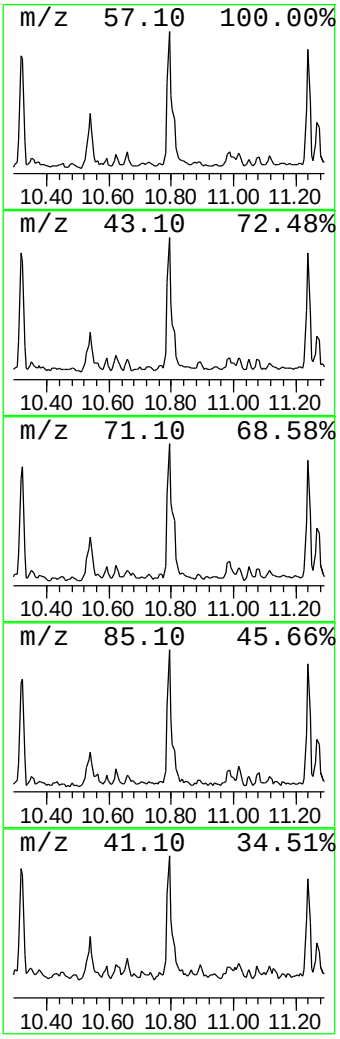
Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	6.32 ng	497527	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane	170	C12H26	000112-40-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

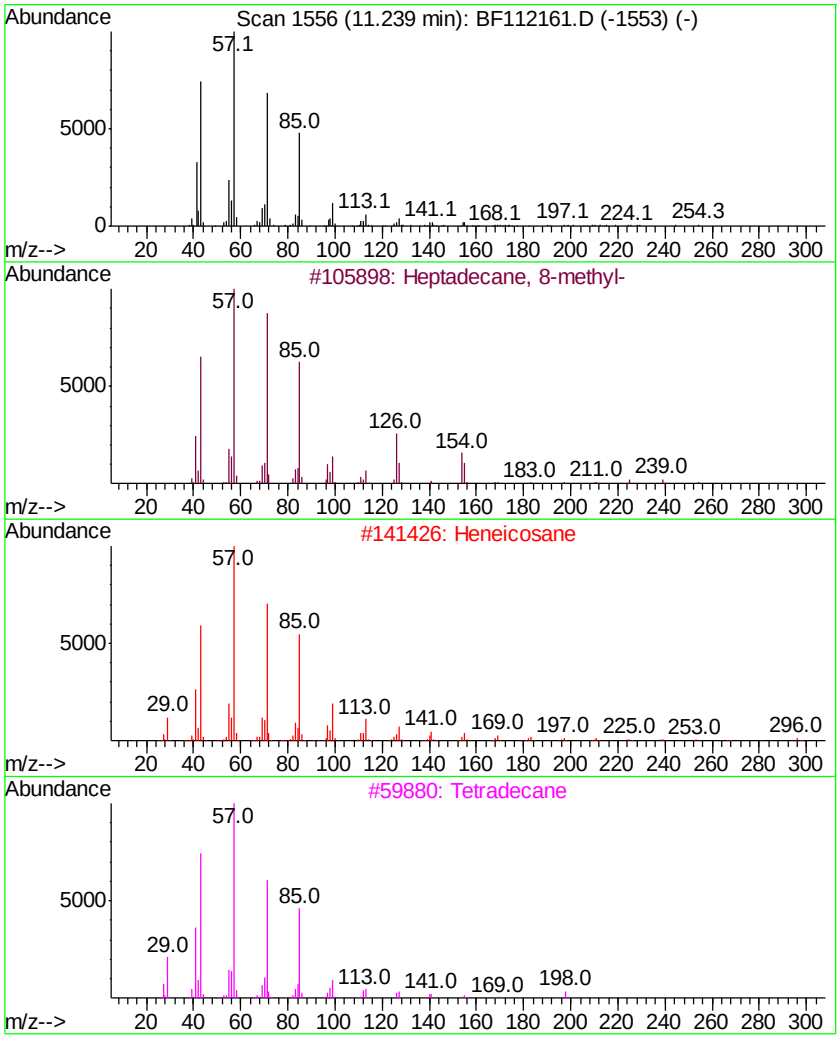
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

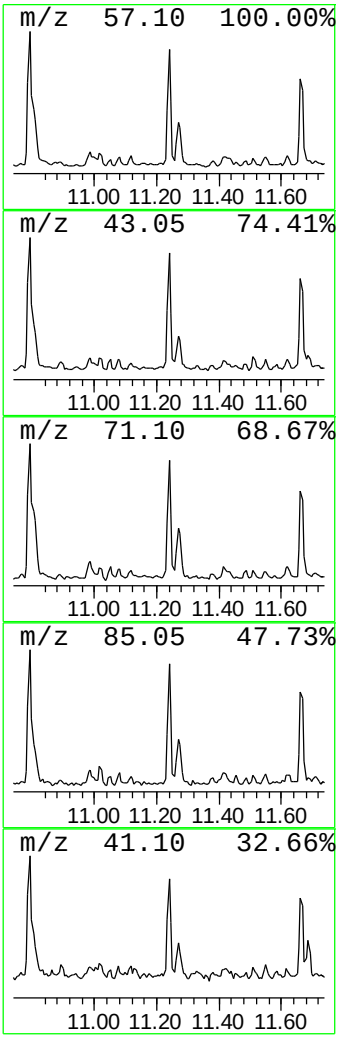
****

Peak Number 7 Heptadecane, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	3.48 ng	274169	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane	170	C12H26	000112-40-3	86





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Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

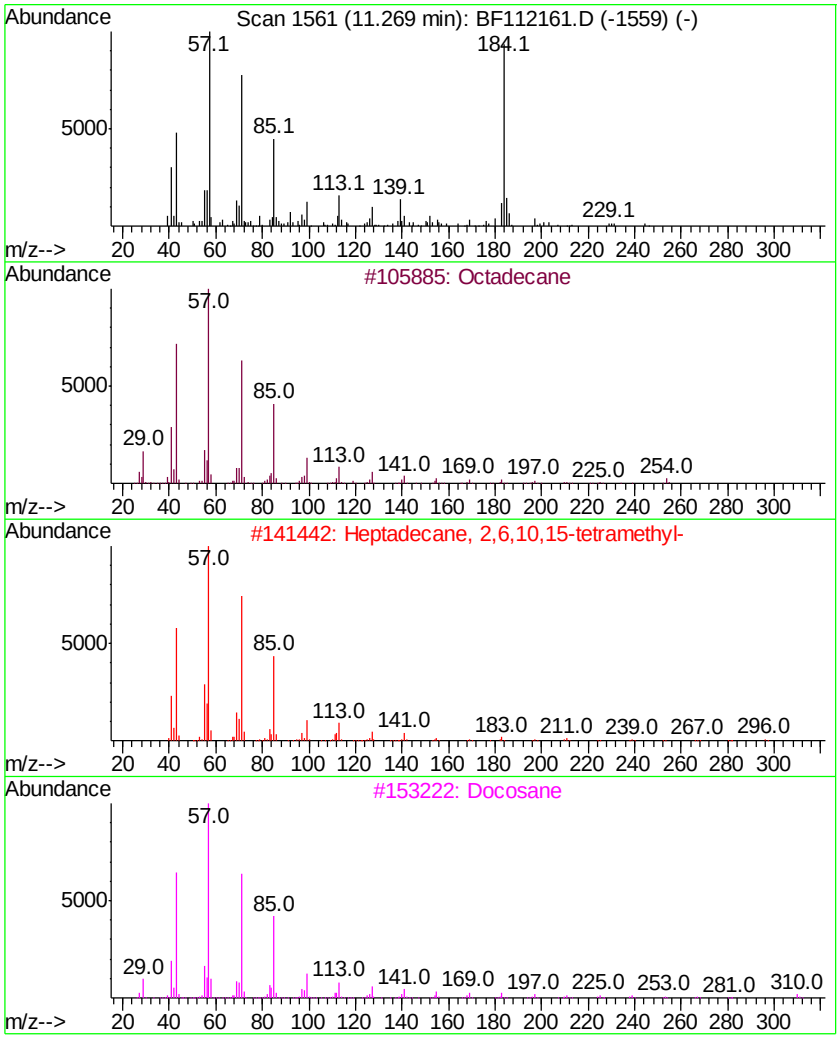
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

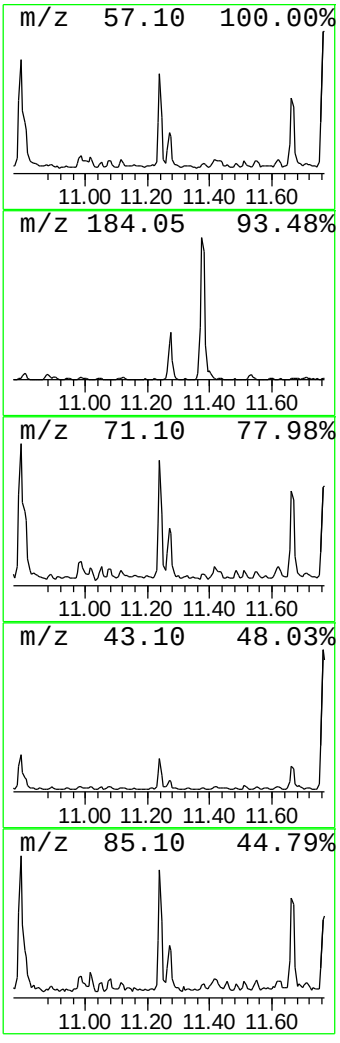
****

Peak Number 8 unknown11.27 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.99 ng	235744	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	46
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
3	Docosane	310	C22H46	000629-97-0	46
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	45
5	Heptacosane	380	C27H56	000593-49-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

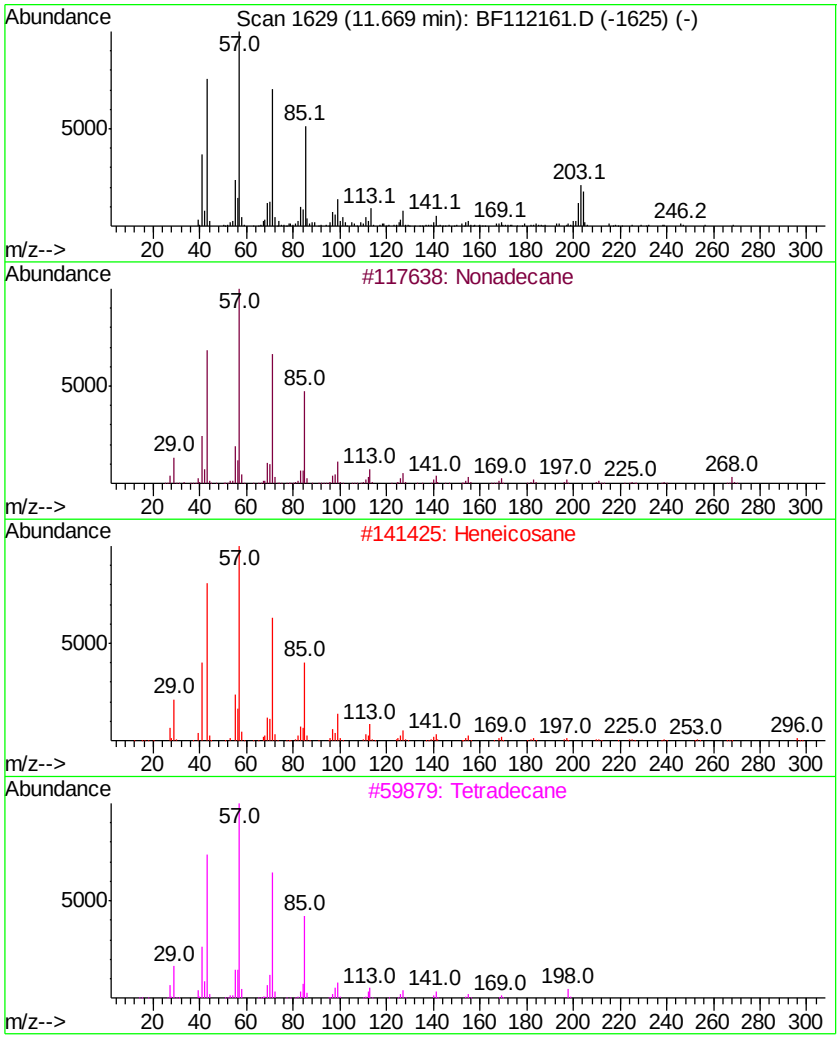
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

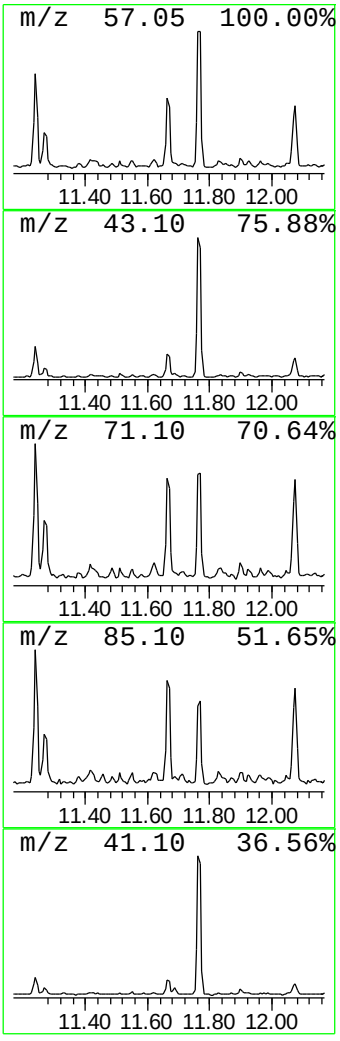
****

Peak Number 9 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	3.79 ng	298535	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Heneicosane	296	C21H44	000629-94-7	70
3	Tetradecane	198	C14H30	000629-59-4	62
4	Heptacosane	380	C27H56	000593-49-7	62
5	Pentadecane	212	C15H32	000629-62-9	62





Library Search Compound Report

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Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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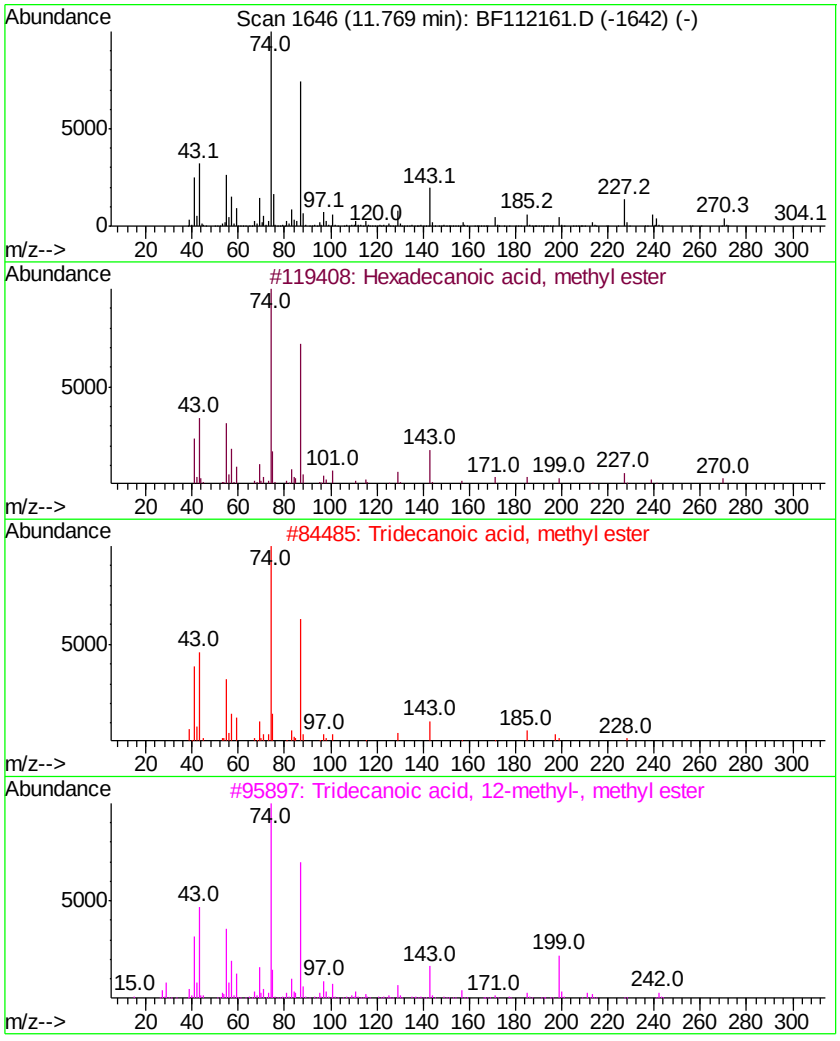
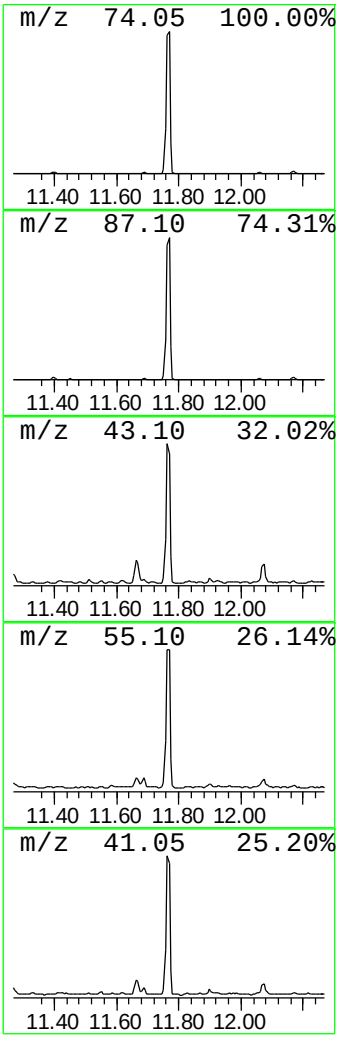
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	41.35 ng	3256370	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

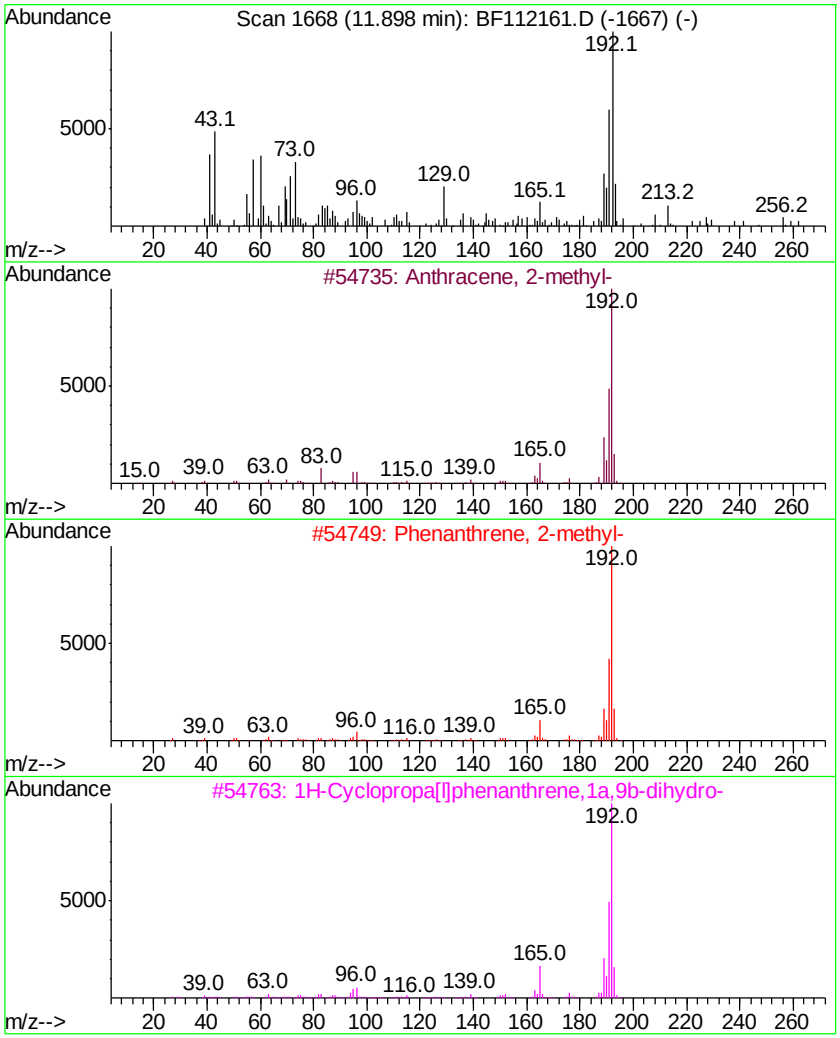
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

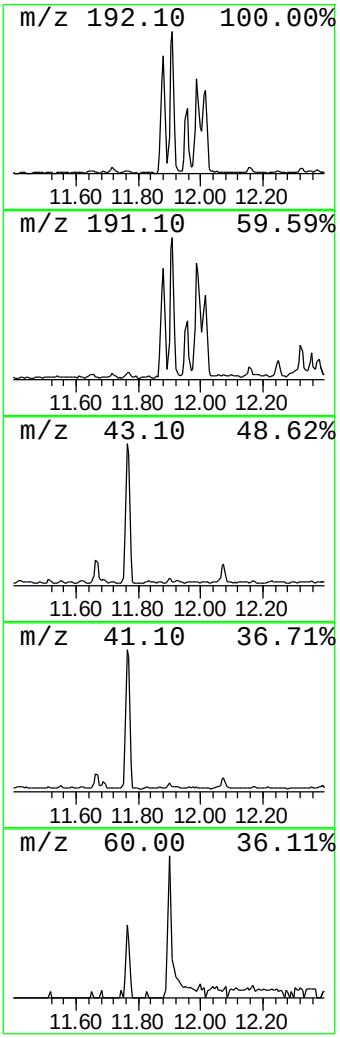
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.46 ng	272508	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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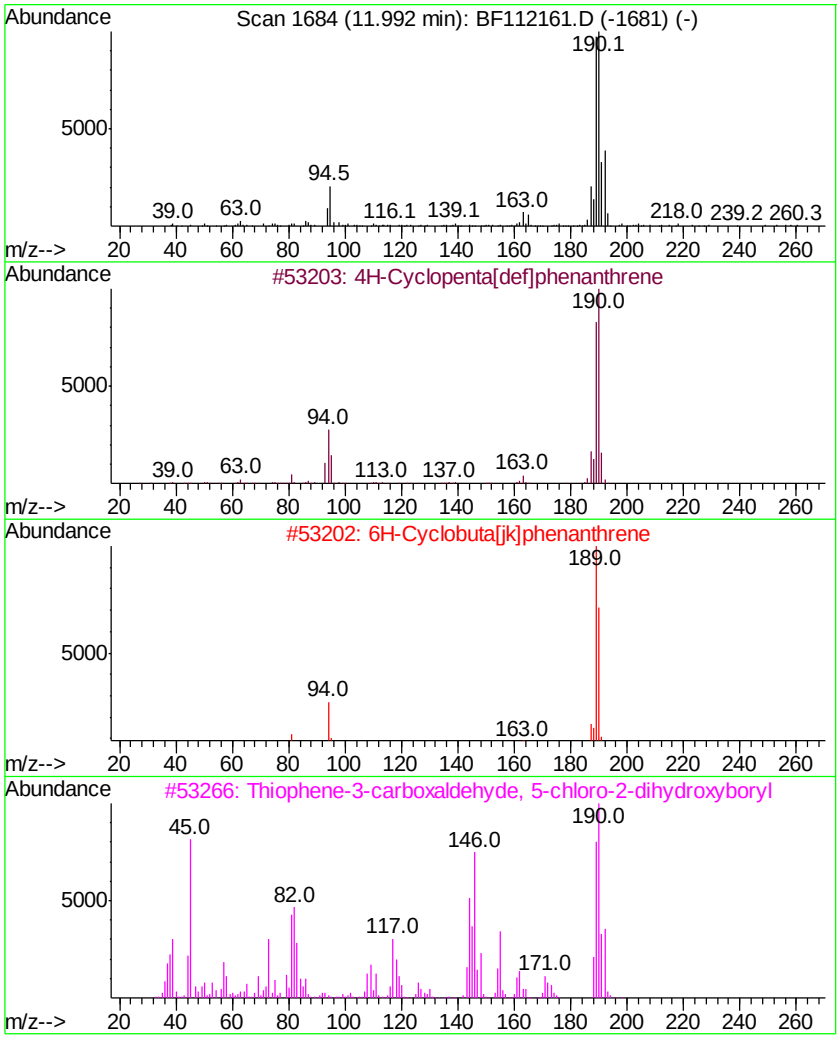
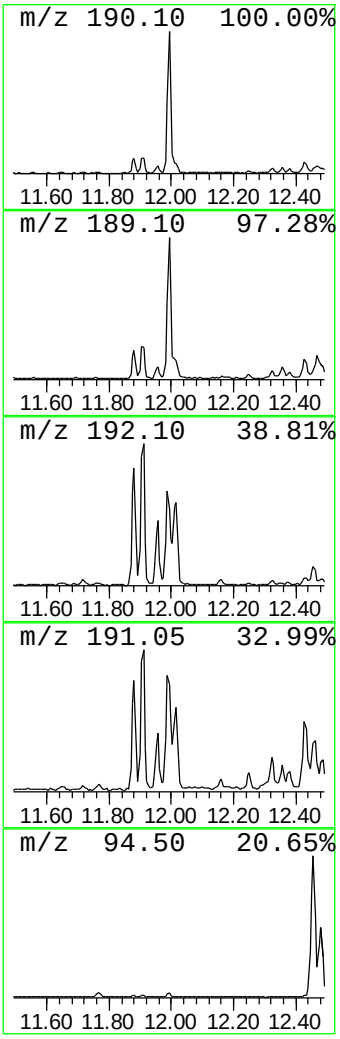
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.11 ng	323804	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25





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Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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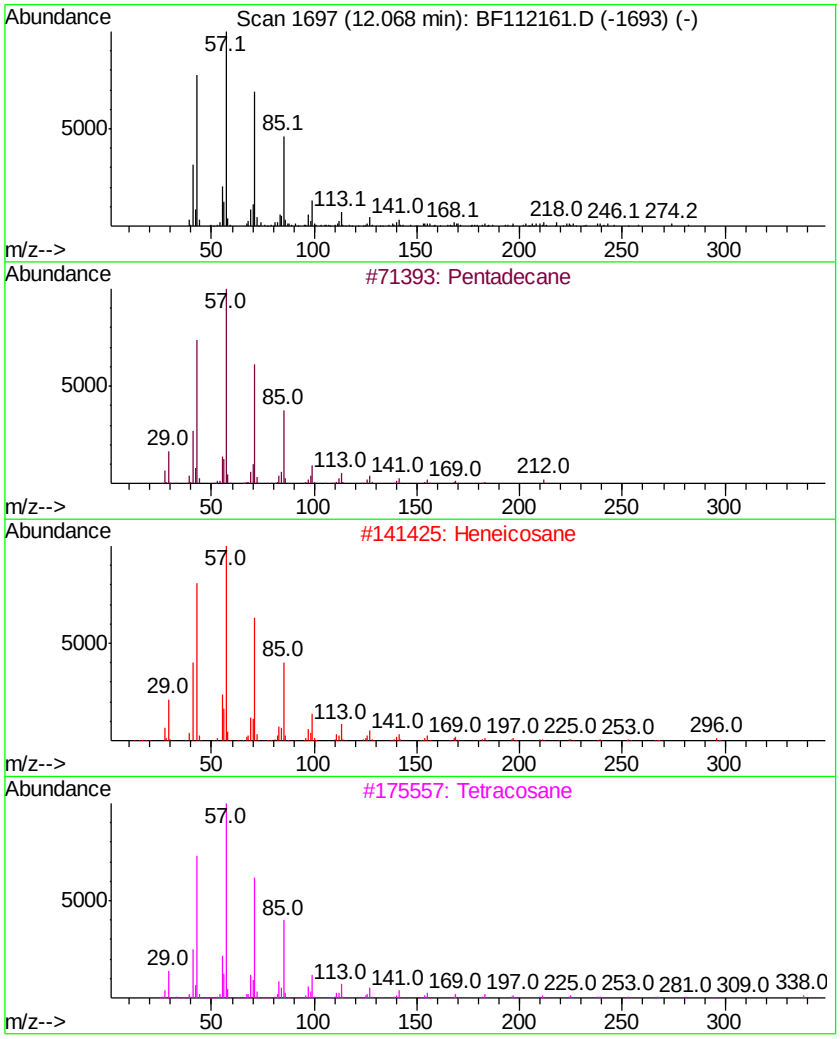
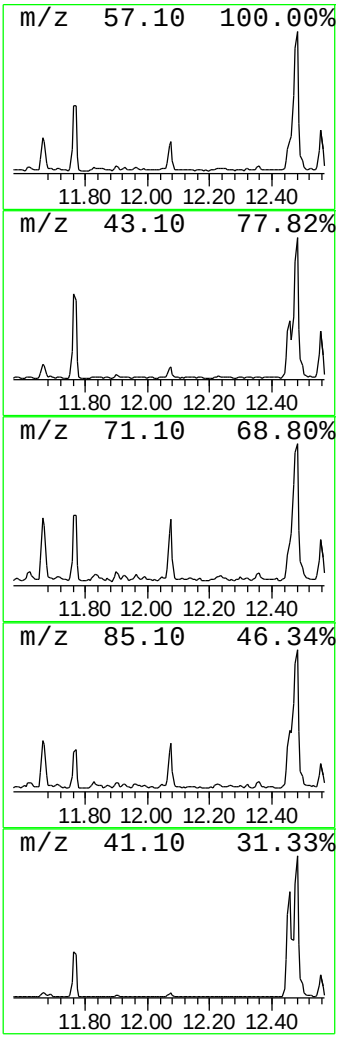
Peak Number 13 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.53 ng	278211	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

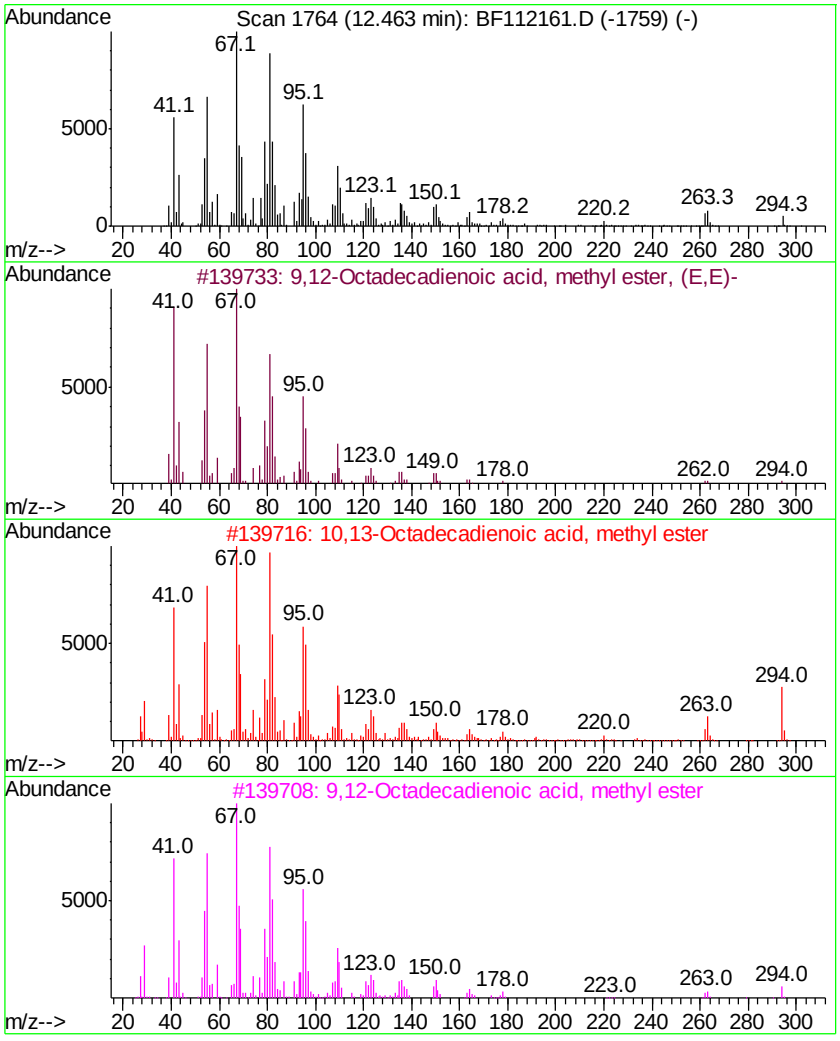
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

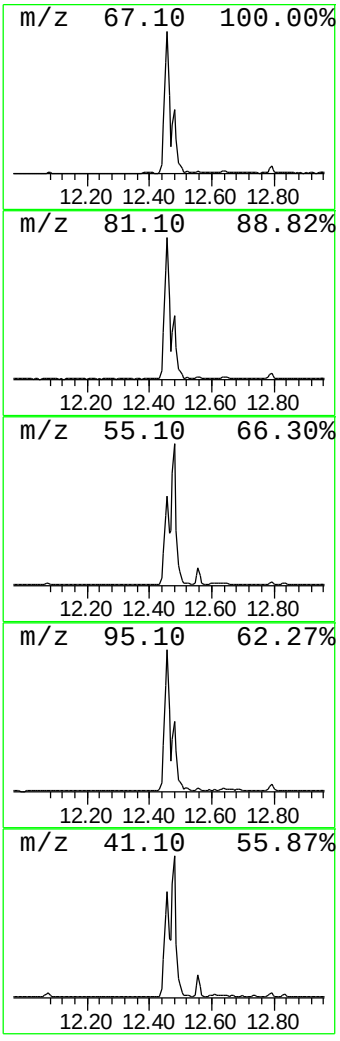
****

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	129.98 ng	10236900	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

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Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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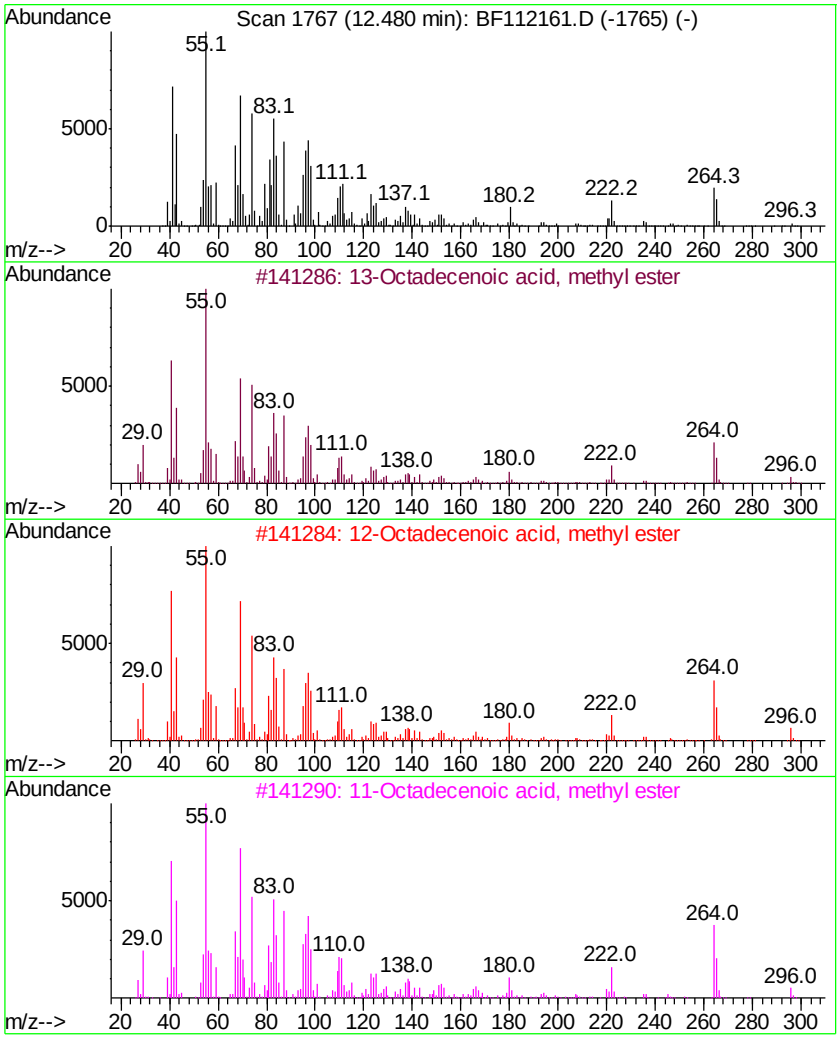
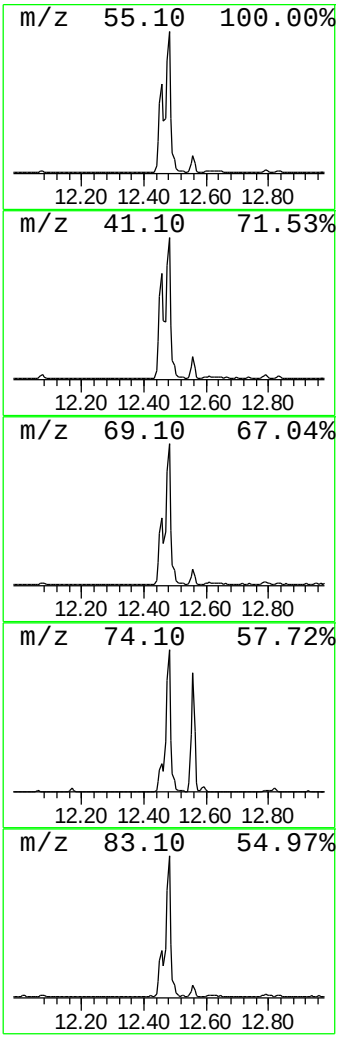
Peak Number 15 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	124.56 ng	9810420	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98





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Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

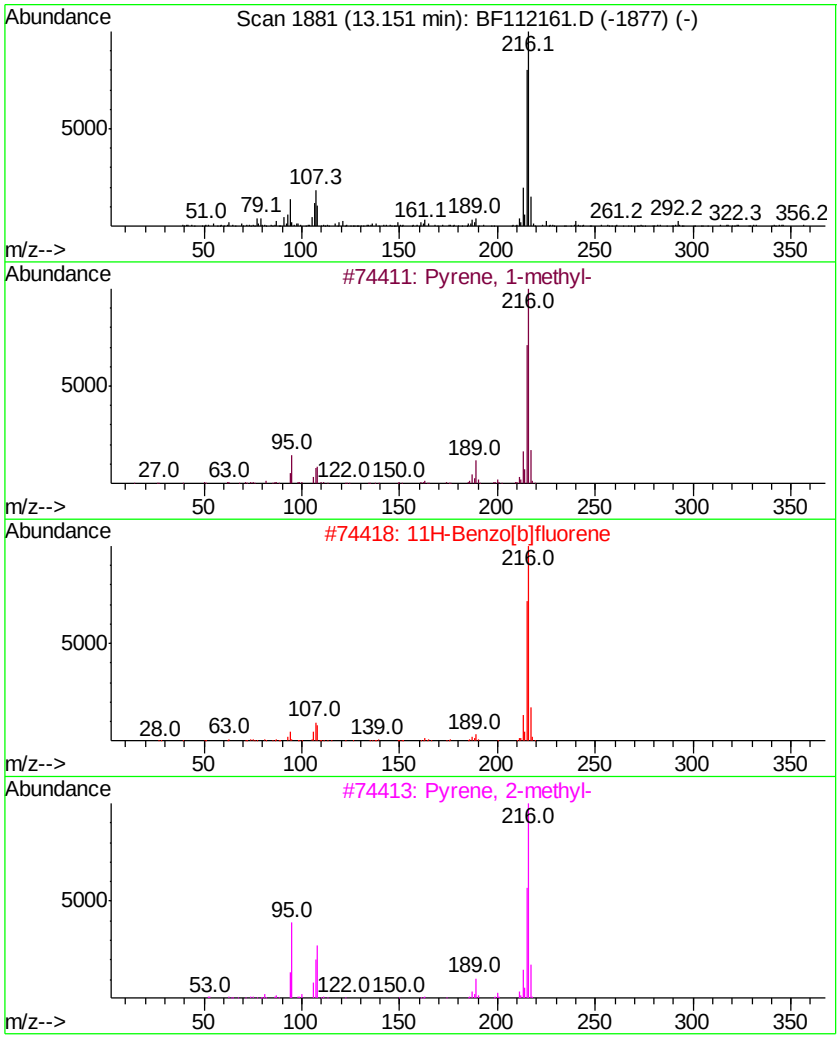
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

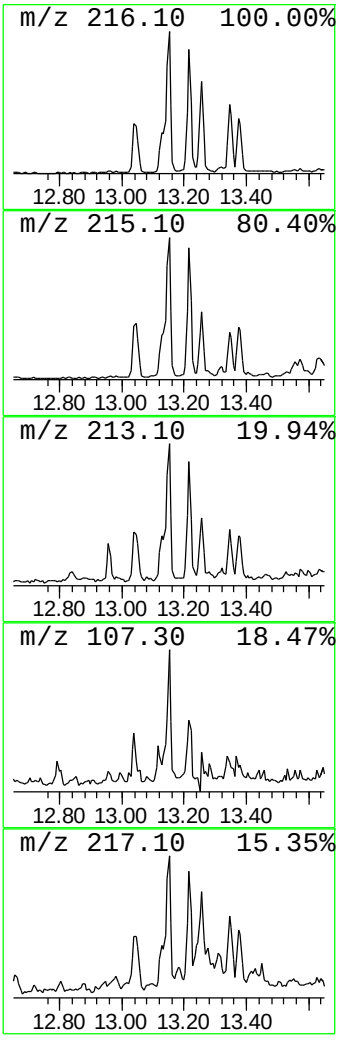
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	4.61 ng	553421	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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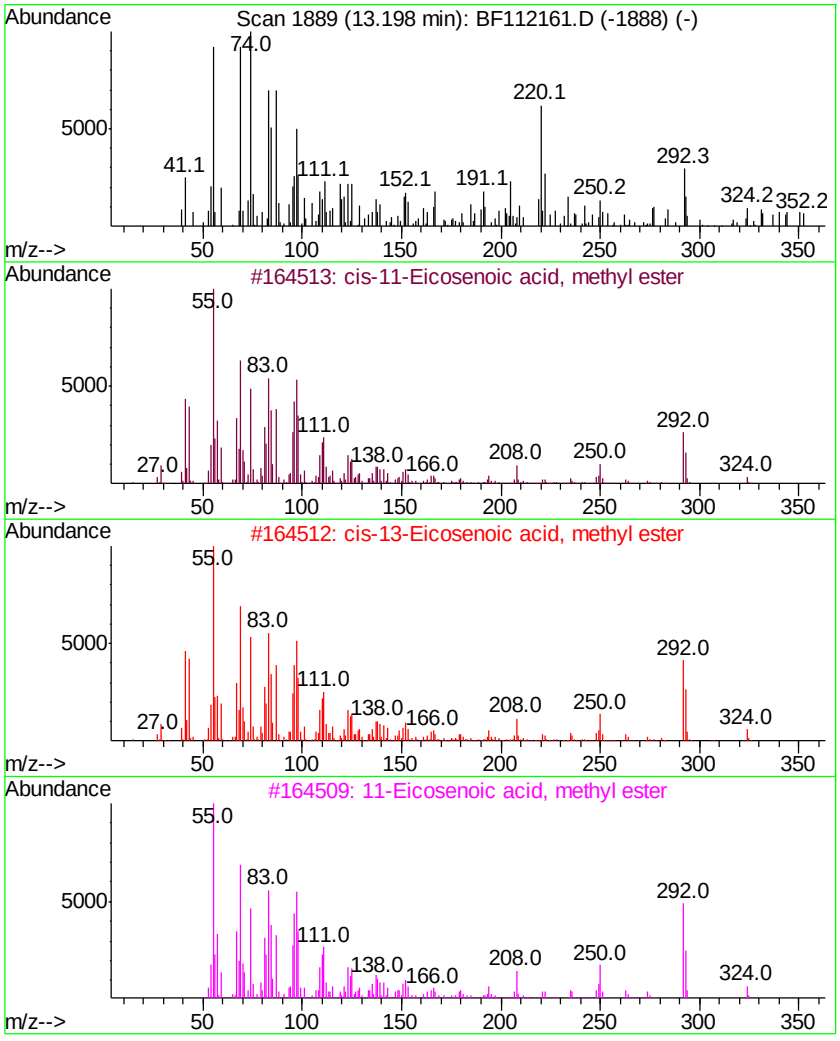
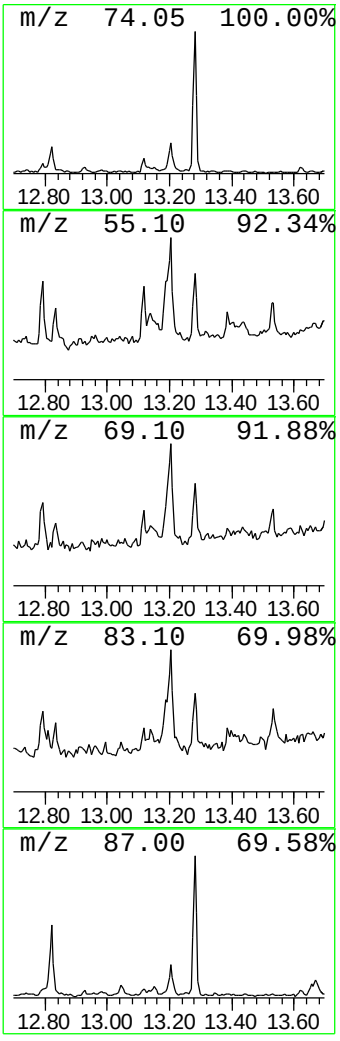
Peak Number 17 cis-11-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.17 ng	500580	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	96
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	87
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	80
4	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	70
5	Methyl myristoleate	240	C15H28O2	056219-06-8	55





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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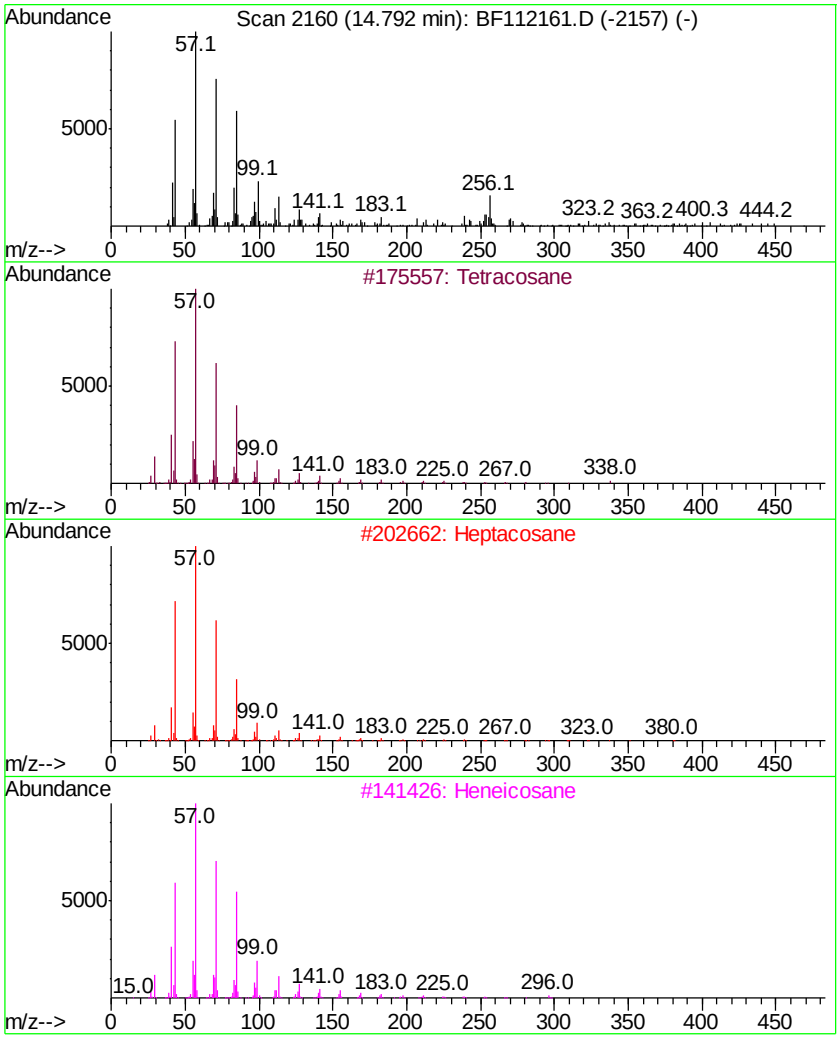
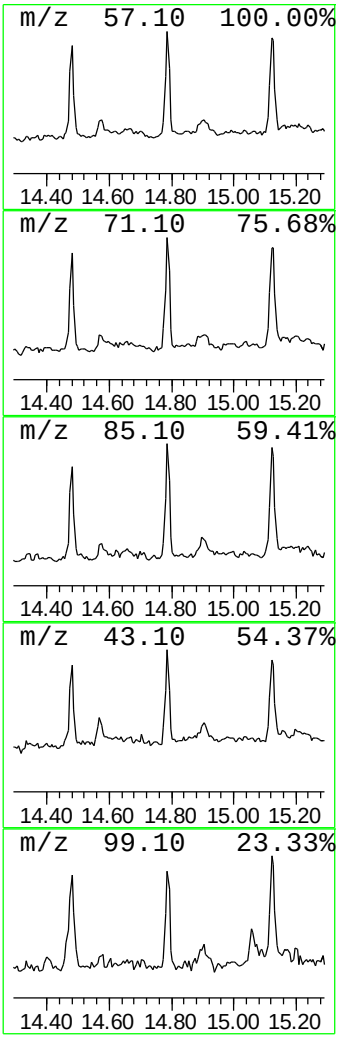
Peak Number 18 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.08 ng	236304	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heptacosane	380	C27H56	000593-49-7	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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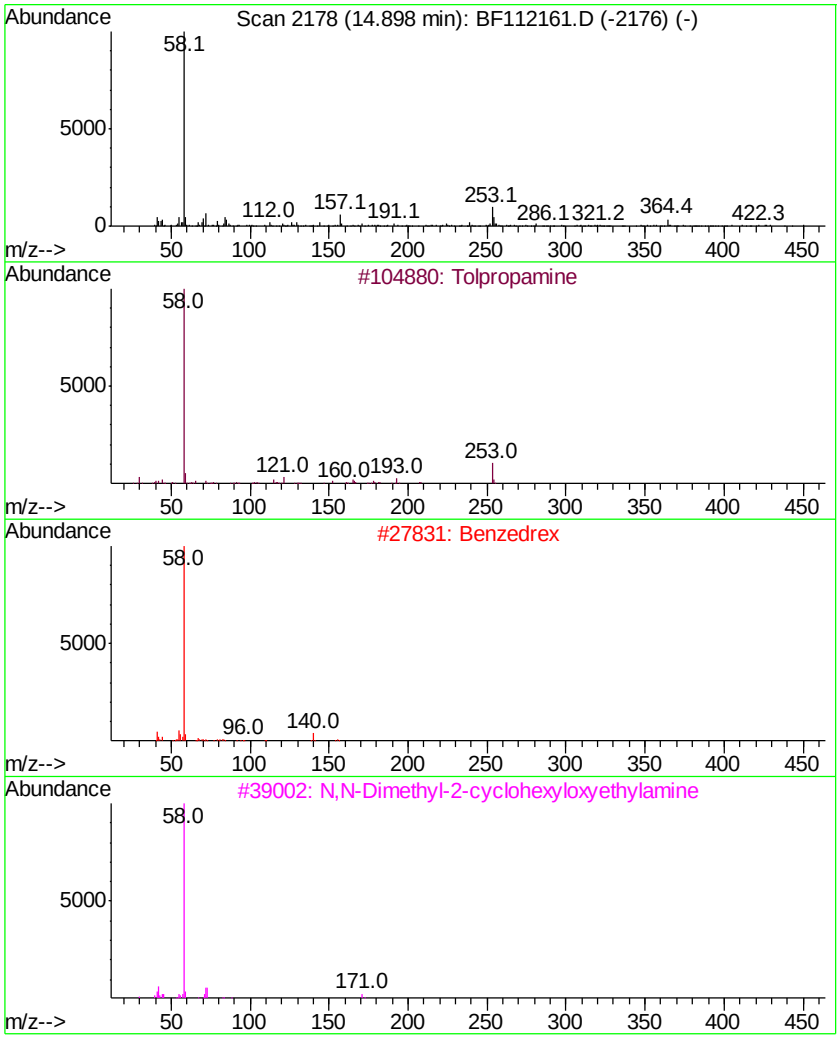
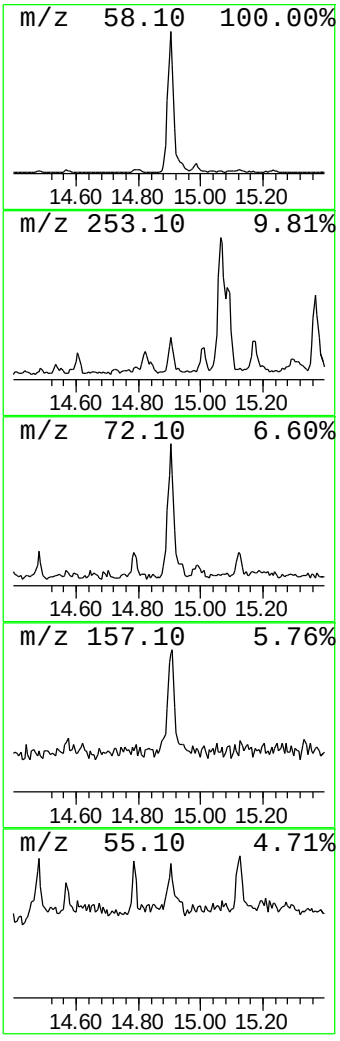
Peak Number 19 Tolpropamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	6.69 ng	513489	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolpropamine	253	C18H23N	005632-44-0	64
2	Benzedrex	155	C10H21N	000101-40-6	58
3	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	58
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	58
5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	58





Tentatively Identified Compound (LSC) summary

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Data File : BF112161.D
Acq On : 21 Jan 2019 16:25
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
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Tetradecane	9.29	2.7	ng	215093	3	9.89	1585540	20.0
Heptacosane, 1-ch...	9.82	3.8	ng	298186	3	9.89	1585540	20.0
Hexadecane	10.32	4.4	ng	349924	3	9.89	1585540	20.0
Heptacosane	10.79	6.3	ng	497527	4	11.37	1575190	20.0
Heptadecane, 8-me...	11.24	3.5	ng	274169	4	11.37	1575190	20.0
unknown11.27	11.27	3.0	ng	235744	4	11.37	1575190	20.0
Nonadecane	11.67	3.8	ng	298535	4	11.37	1575190	20.0
Hexadecanoic acid...	11.77	41.4	ng	3256370	4	11.37	1575190	20.0
Anthracene, 2-met...	11.90	3.5	ng	272508	4	11.37	1575190	20.0
4H-Cyclopenta[def...	11.99	4.1	ng	323804	4	11.37	1575190	20.0
Pentadecane	12.07	3.5	ng	278211	4	11.37	1575190	20.0
9,12-Octadecadien...	12.46	130.0	ng	10236900	4	11.37	1575190	20.0
13-Octadecenoic a...	12.48	124.6	ng	9810420	4	11.37	1575190	20.0
Pyrene, 1-methyl-	13.15	4.6	ng	553421	5	14.02	2402510	20.0
cis-11-Eicosenoic...	13.20	4.2	ng	500580	5	14.02	2402510	20.0
Tetracosane	14.79	3.1	ng	236304	6	15.49	1534800	20.0
Tolpropamine	14.90	6.7	ng	513489	6	15.49	1534800	20.0