LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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	573	577	590	rBV	1040473	1016930	7.90%	1.337%
2	6.486	745	748	765	rBV	1055608	1115556	8.67%	1.467%
3	6.622	768	771	778	rBV	1401355	1185153	9.21%	1.559%
4	6.851	806	810	818	rBV	1821370	1505569	11.70%	1.980%
5	7.004	833	836	840	rBV	1081690	952499	7.40%	1.253%
6	7.404	901	904	910	rBV	702903	660211	5.13%	0.868%
7	8.133	1022	1028	1031	rBV	2404239	2085422	16.20%	2.743%
8	8.951	1162	1167	1170	rBV2	98645	139973	1.09%	0.184%
9	9.204	1207	1210	1215	rVB	1859138	1502048	11.67%	1.975%
10	9.286	1221	1224	1229	rBV	245802	249156	1.94%	0.328%
11	9.610	1275	1279	1281	rBV3	181624	246991	1.92%	0.325%
12	9.751	1300	1303	1307	rBV	129151	152556	1.19%	0.201%
13	9.816	1307	1314	1317	rBV	406881	414875	3.22%	0.546%
14	9.886	1319	1326	1330	rVV	2539335	2392537	18.59%	3.146%
15	9.922	1330	1332	1335	rVB	179999	141225	1.10%	0.186%
16	10.092	1359	1361	1365	rVB	143631	147845	1.15%	0.194%
17	10.139	1365	1369	1373	rBV4	107472	144765	1.12%	0.190%
18	10.316	1397	1399	1402	rVB	548364	402033	3.12%	0.529%
19	10.433	1416	1419	1424	rBV	262231	268289	2.08%	0.353%
20	10.539	1432	1437	1442	rBV	185984	274085	2.13%	0.360%
21	10.674	1458	1460	1464	rVB	886872	719526	5.59%	0.946%
22	10.786	1476	1479	1485	rBV	506177	663894	5.16%	0.873%
23	11.239	1552	1556	1558	rBV	474912	430203	3.34%	0.566%
24	11.268	1558	1561	1566	rVB	324667	344208	2.67%	0.453%
25	11.374	1575	1579	1581	rBV	2283457	1995151	15.50%	2.624%
26	11.398	1581	1583	1589	rVV	1545861	1241932	9.65%	1.633%
27	11.451	1589	1592	1595	rVB	428911	361000	2.80%	0.475%
28	11.663	1625	1628	1630	rBV	506425	398637	3.10%	0.524%
29	11.763	1641	1645	1648	rBV	5560634	4556822	35.40%	5.993%
30	11.874	1661	1664	1666	rBV	238597	220852	1.72%	0.290%
31	11.904	1666	1669	1674	rVB2	487644	508467	3.95%	0.669%
32	11.986	1680	1683	1686	rBV2	402932	438938	3.41%	0.577%
33	12.010	1686	1687	1691	rVB	207958	133089	1.03%	0.175%
34	12.068	1694	1697	1702	rVB	366321	367064	2.85%	0.483%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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	12.168	1711	1714	1717	rBV	229411	198397	1.54%	0.261%
36	12.457	1758	1763	1765	rBV	10399024	12870592	100.00%	16.926%
37	12.480	1765	1767	1772	rVB2	12211158	11446396	88.93%	15.053%
38	12.521	1772	1774	1776	rVB3	241394	206577	1.61%	0.272%
39	12.557	1776	1780	1783	rBV	2252693	1912526	14.86%	2.515%
40	12.592	1783	1786	1788	rBV	2168154	1910286	14.84%	2.512%
41	12.686	1799	1802	1806	rVB3	131201	147951	1.15%	0.195%
42	12.792	1816	1820	1821	rBV	315606	371276	2.88%	0.488%
43	12.821	1822	1825	1831	rVB	1919226	1879491	14.60%	2.472%
44	12.957	1842	1848	1851	rBV	1343951	1214621	9.44%	1.597%
45	13.039	1858	1862	1865	rBV2	160536	292197	2.27%	0.384%
46	13.115	1872	1875	1877	rBV2	372446	409732	3.18%	0.539%
47	13.145	1878	1880	1884	rVV	409250	452299	3.51%	0.595%
48	13.204	1884	1890	1894	rVV3	419946	869188	6.75%	1.143%
49	13.251	1895	1898	1900	rVV2	236031	231825	1.80%	0.305%
50	13.280	1900	1903	1906	rVB	345408	323027	2.51%	0.425%
51	13.374	1916	1919	1922	rBV2	150964	181588	1.41%	0.239%
52	13.527	1942	1945	1947	rBV	214795	190175	1.48%	0.250%
53	13.657	1964	1967	1971	rVB	125031	158402	1.23%	0.208%
54	13.768	1983	1986	1988	rBV2	129173	131271	1.02%	0.173%
55	13.815	1992	1994	1998	rBV2	134917	181206	1.41%	0.238%
56	13.857	1998	2001	2010	rVB5	303223	453524	3.52%	0.596%
57	13.945	2013	2016	2020	rVB2	246275	213662	1.66%	0.281%
58	14.015	2021	2028	2031	rBV2	2234012	3007746	23.37%	3.955%
59	14.039	2031	2032	2039	rVB	868164	736762	5.72%	0.969%
60	14.168	2051	2054	2059	rBV3	286662	348663	2.71%	0.459%
61	14.404	2092	2094	2097	rVB	231532	184088	1.43%	0.242%
62	14.474	2104	2106	2109	rVB2	276432	232058	1.80%	0.305%
63	14.780	2155	2158	2162	rBV	346637	337667	2.62%	0.444%
64	14.898	2174	2178	2186	rVB	428380	621753	4.83%	0.818%
65	15.062	2201	2206	2209	rBV	839211	1379599	10.72%	1.814%
66	15.115	2212	2215	2221	rVB3	456155	551666	4.29%	0.725%
67	15.362	2254	2257	2263	rVB	460555	574048	4.46%	0.755%
68	15.427	2264	2268	2273	rVV	700060	868480	6.75%	1.142%
69	15.492	2274	2279	2293	rVB3	1514578	2364667	18.37%	3.110%
70	15.933	2350	2354	2359	rVB	450279	651297	5.06%	0.857%
71	16.439	2436	2440	2446	rVB	334221	558322	4.34%	0.734%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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

Sum of corrected areas: 76040526

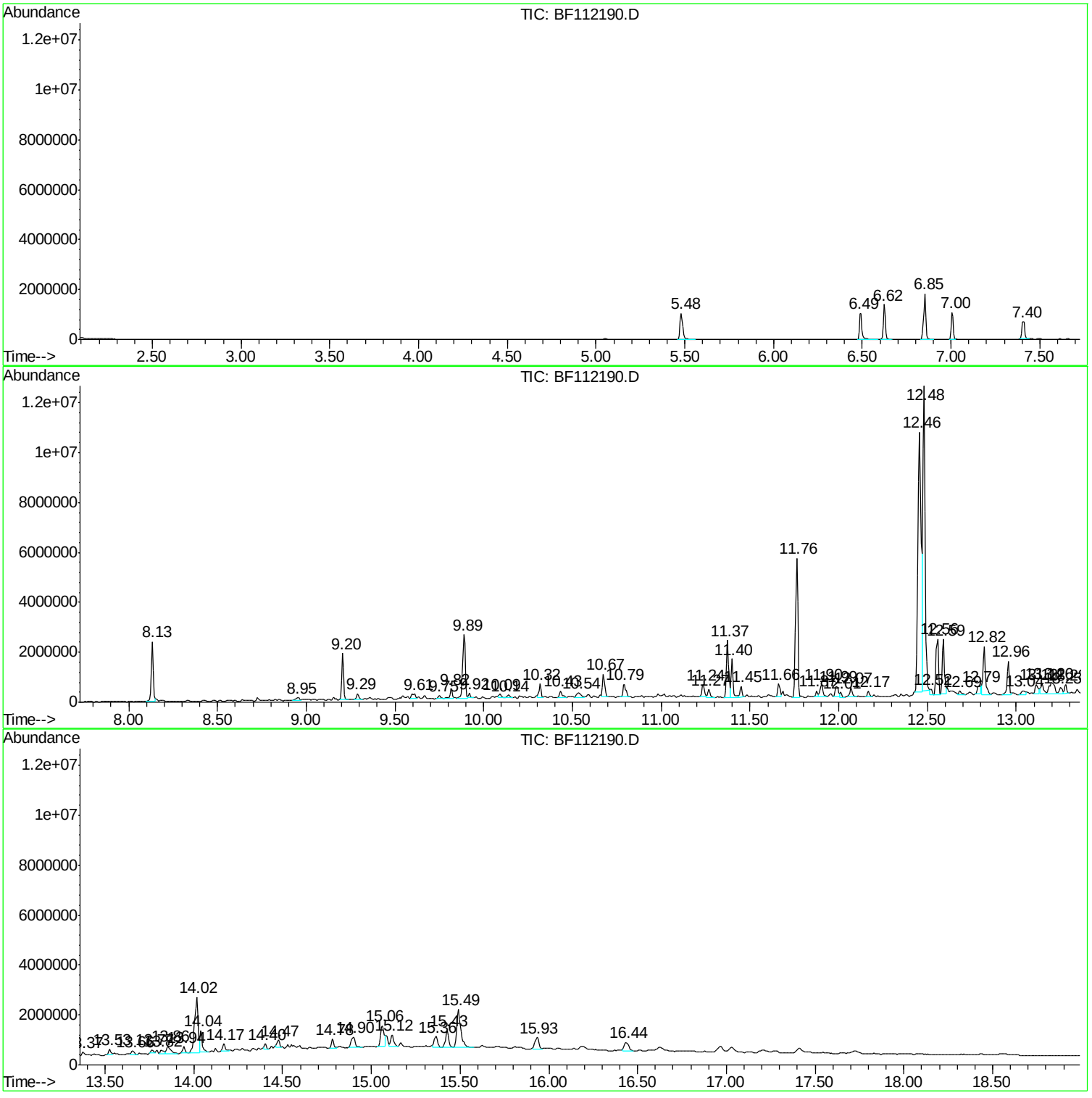
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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

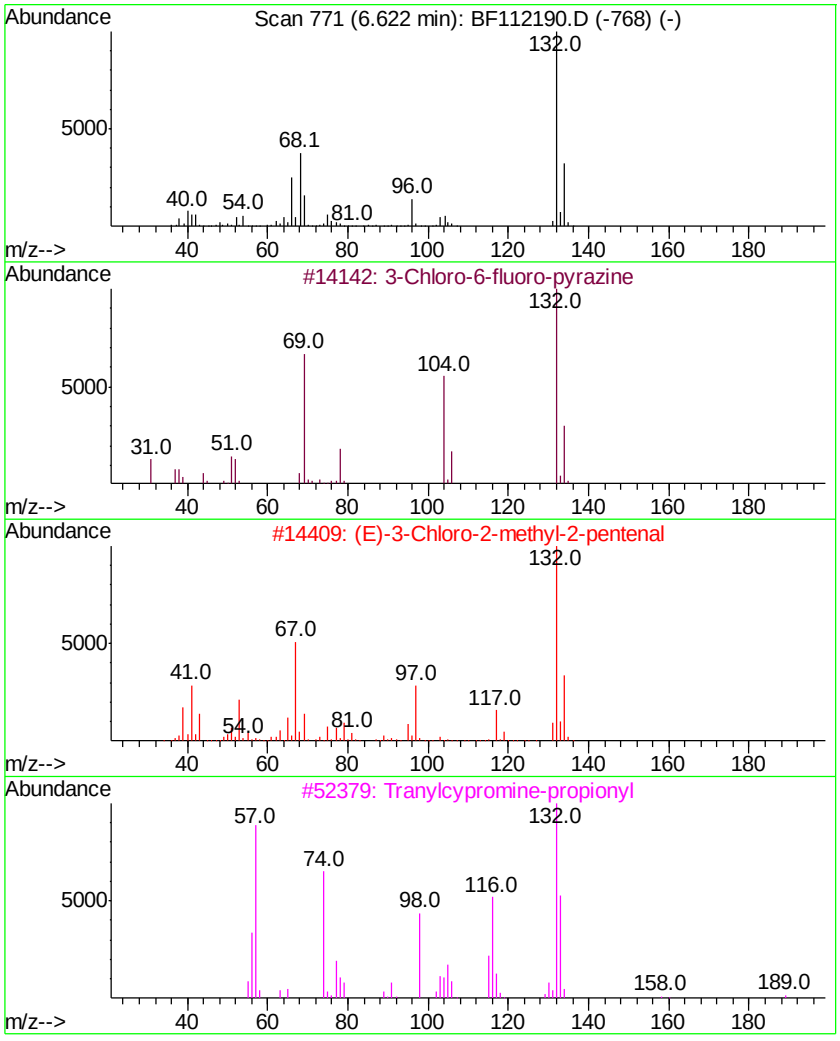
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

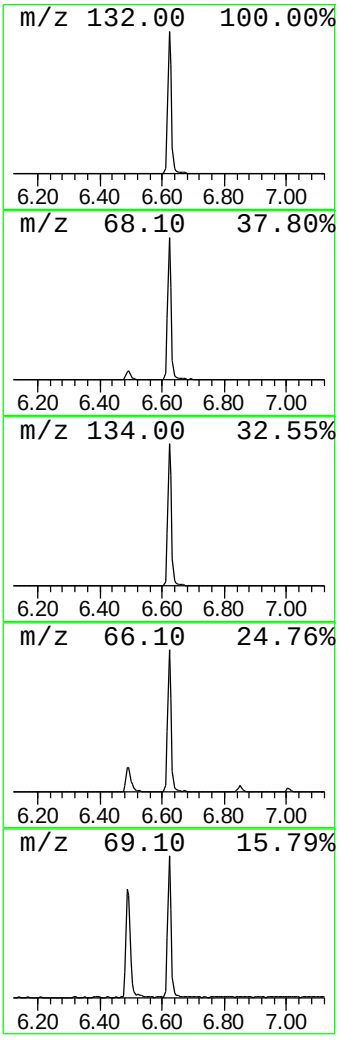
****

Peak Number 1 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	15.74 ng	1185150	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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

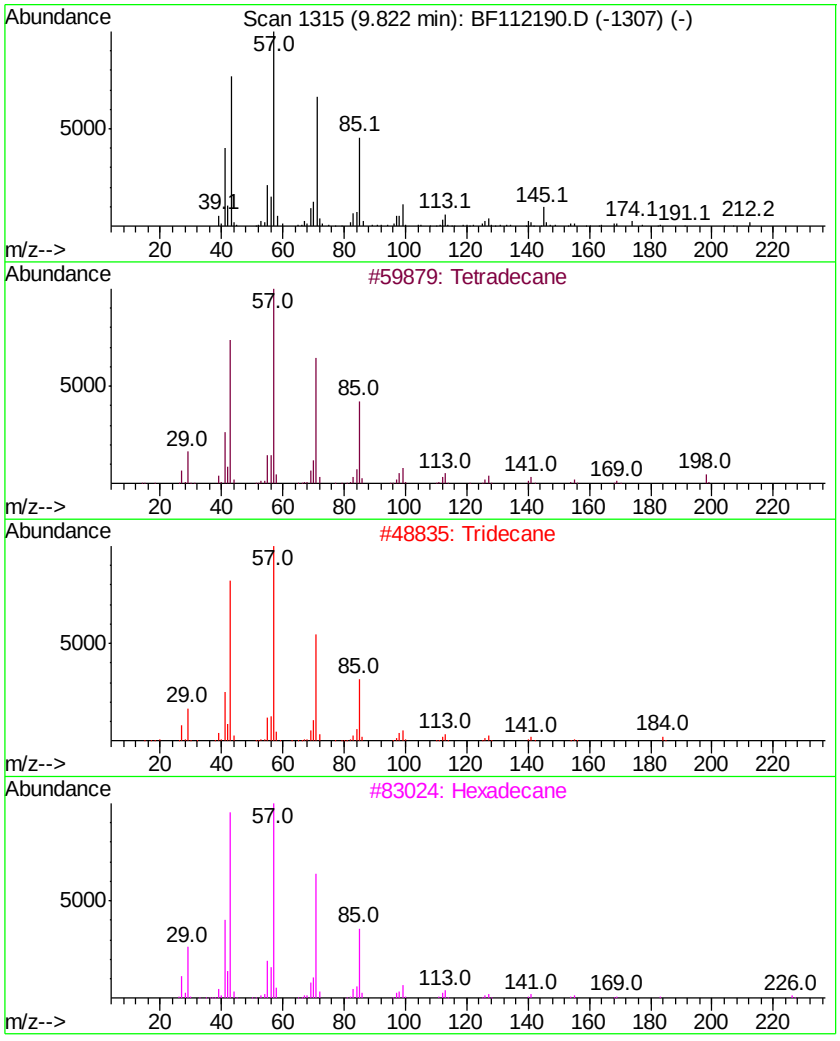
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

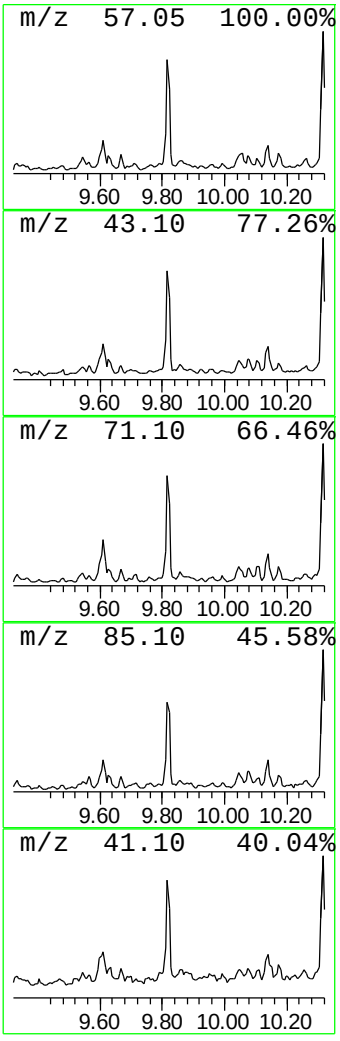
****

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.47 ng	414875	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Pentadecane	212	C15H32	000629-62-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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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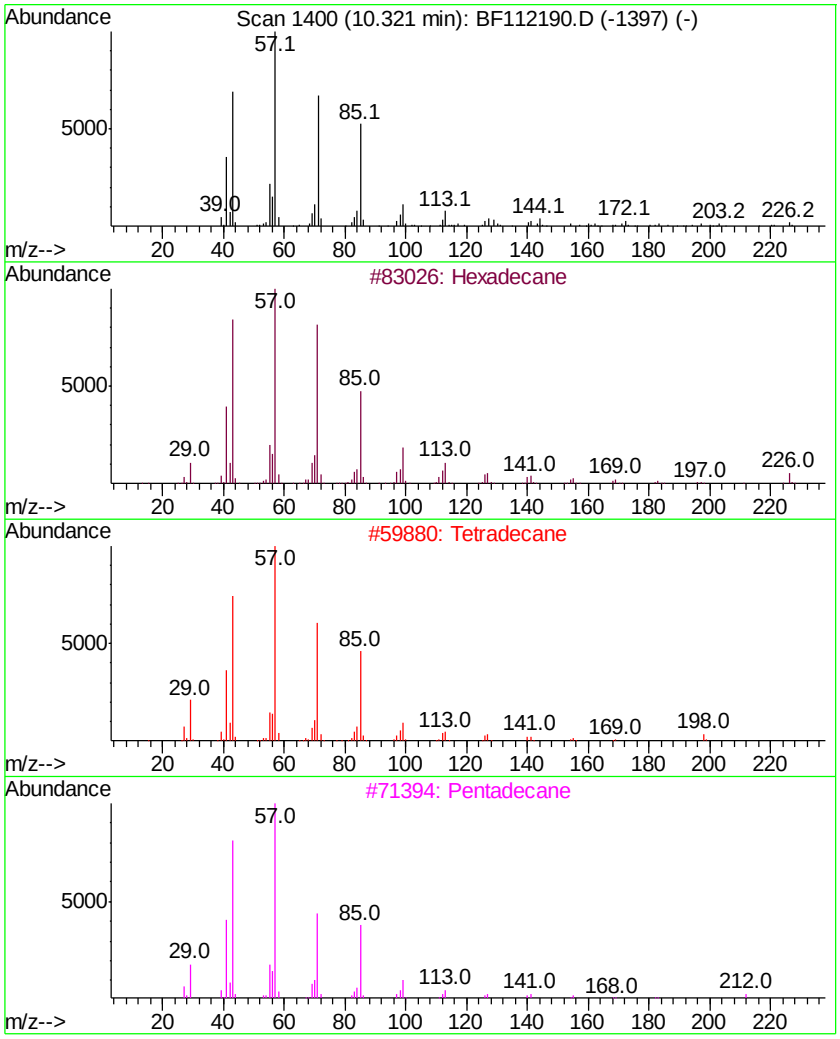
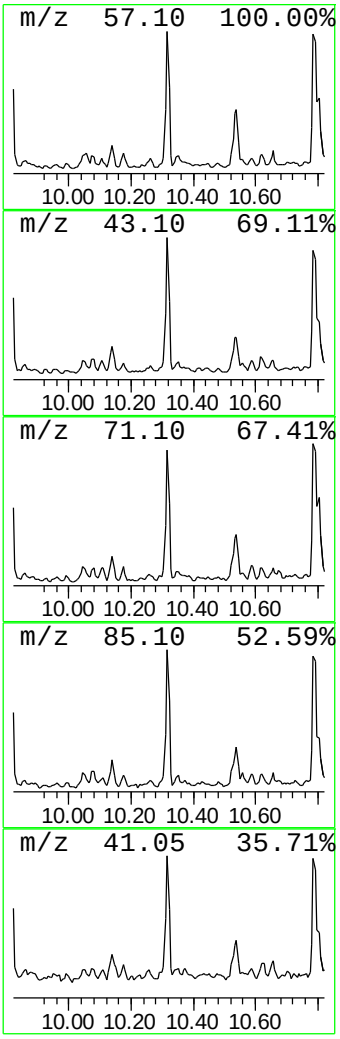
Peak Number 4 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.36 ng	402033	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	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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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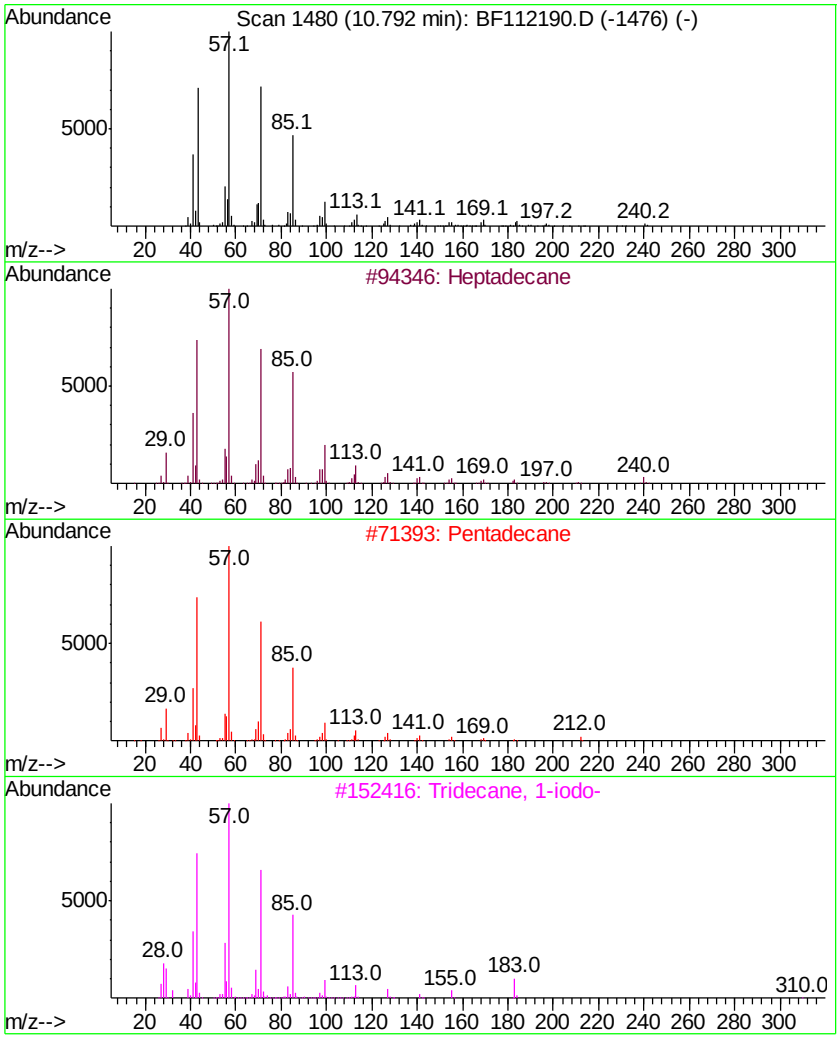
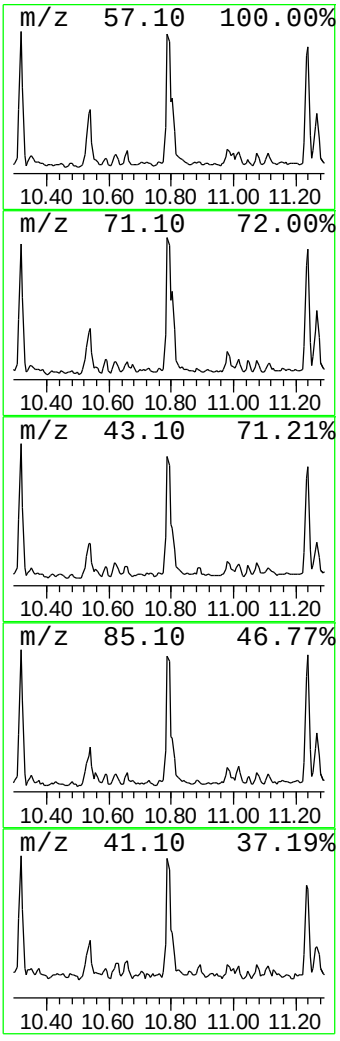
Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	6.66 ng	663894	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Dodecane	170	C12H26	000112-40-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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

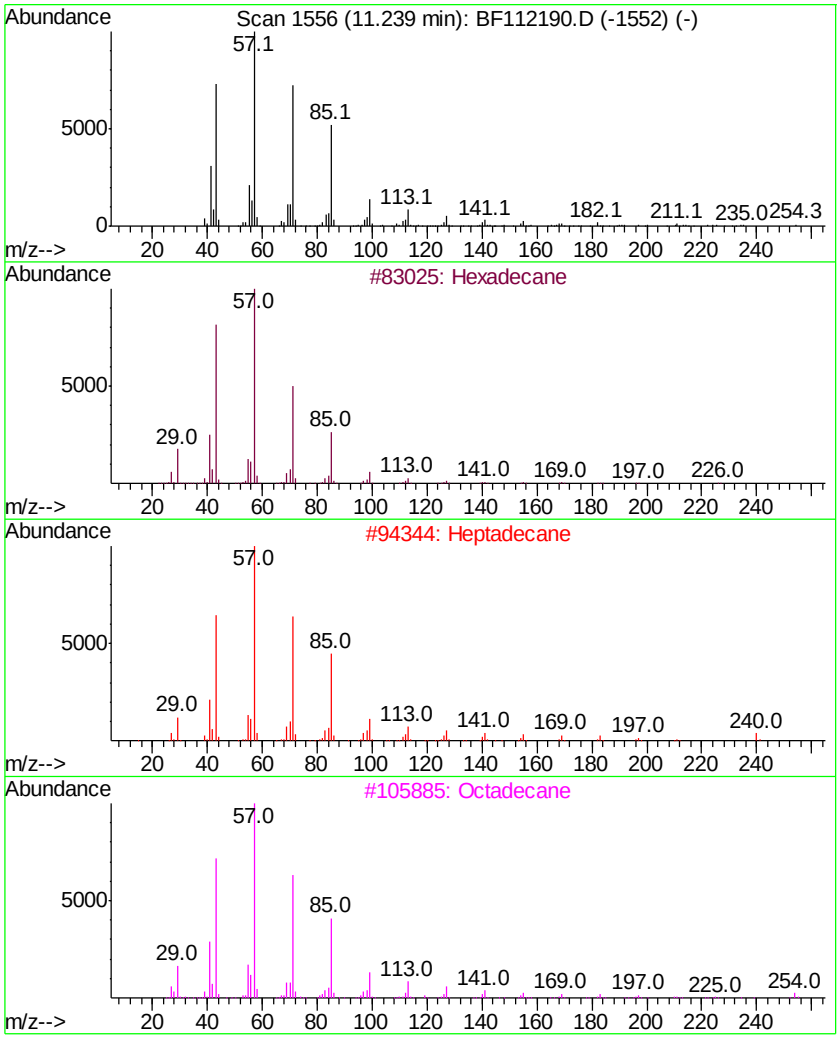
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

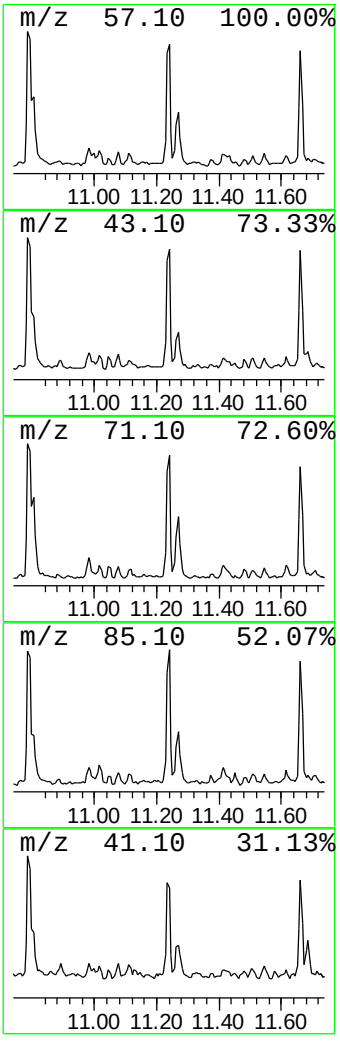
****

Peak Number 6 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	4.31 ng	430203	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Heptacosane	380	C27H56	000593-49-7	74
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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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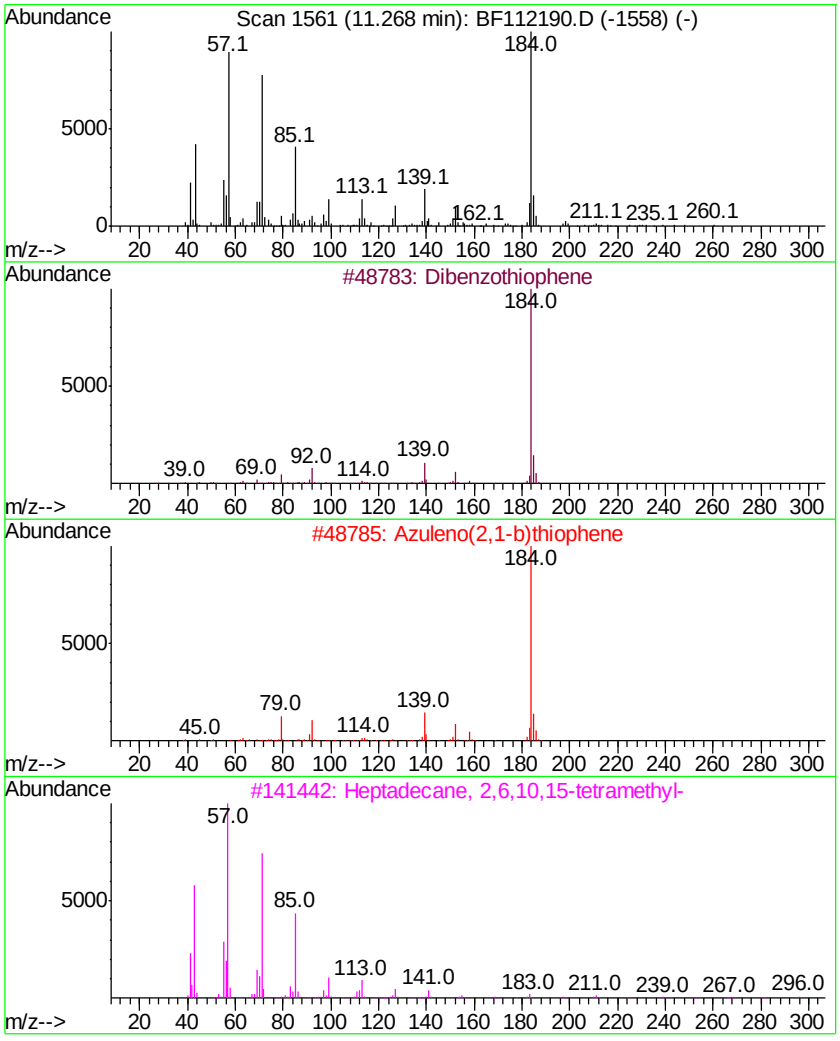
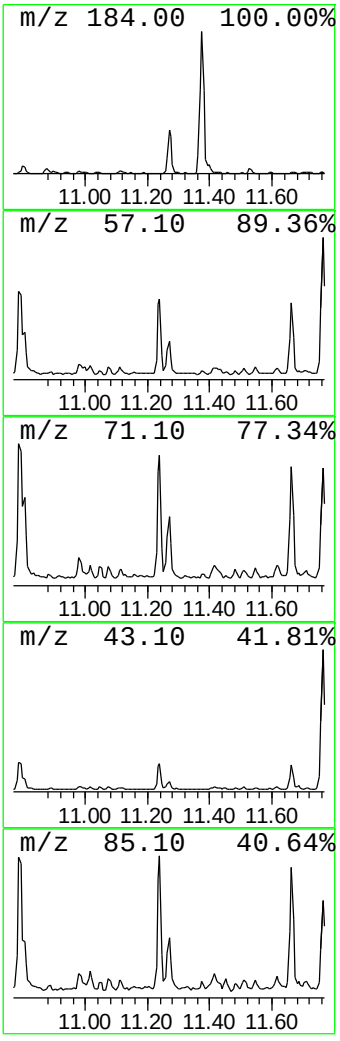
Peak Number 7 unknown11.27 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	3.45 ng	344208	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	46
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	45
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	45
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	45
5	Decane, 3-methyl-	156	C11H24	013151-34-3	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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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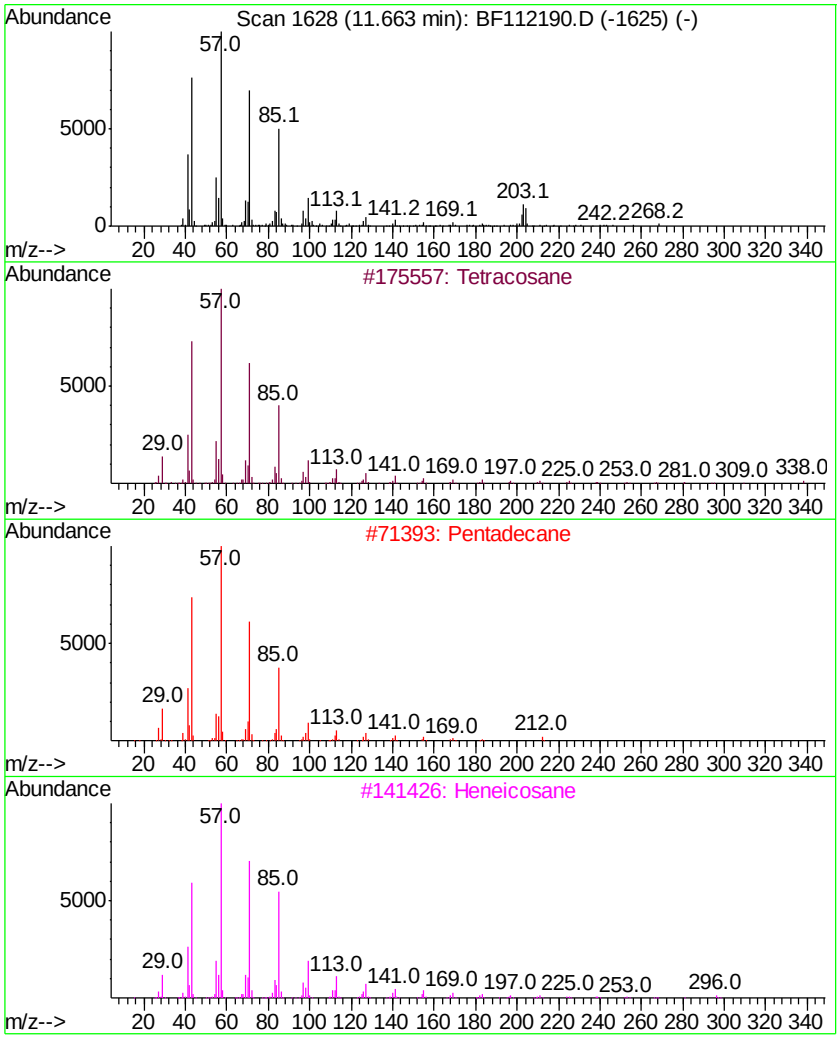
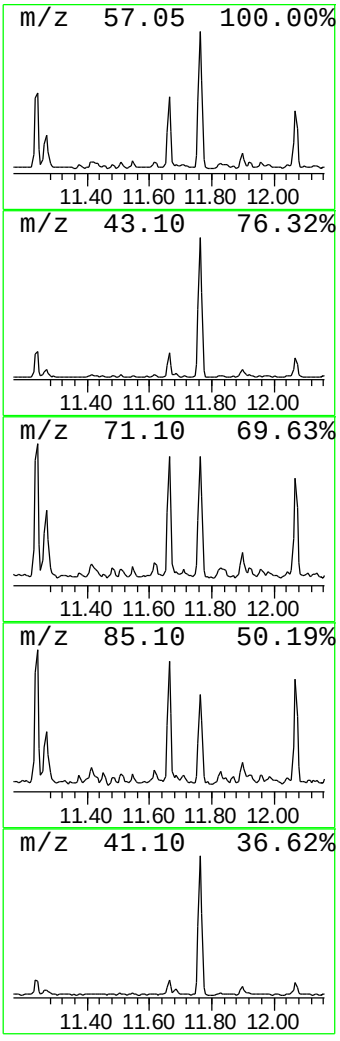
Peak Number 8 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.00 ng	398637	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	74
2	Pentadecane	212	C15H32	000629-62-9	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetradecane	198	C14H30	000629-59-4	72
5	Heptadecane	240	C17H36	000629-78-7	72





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Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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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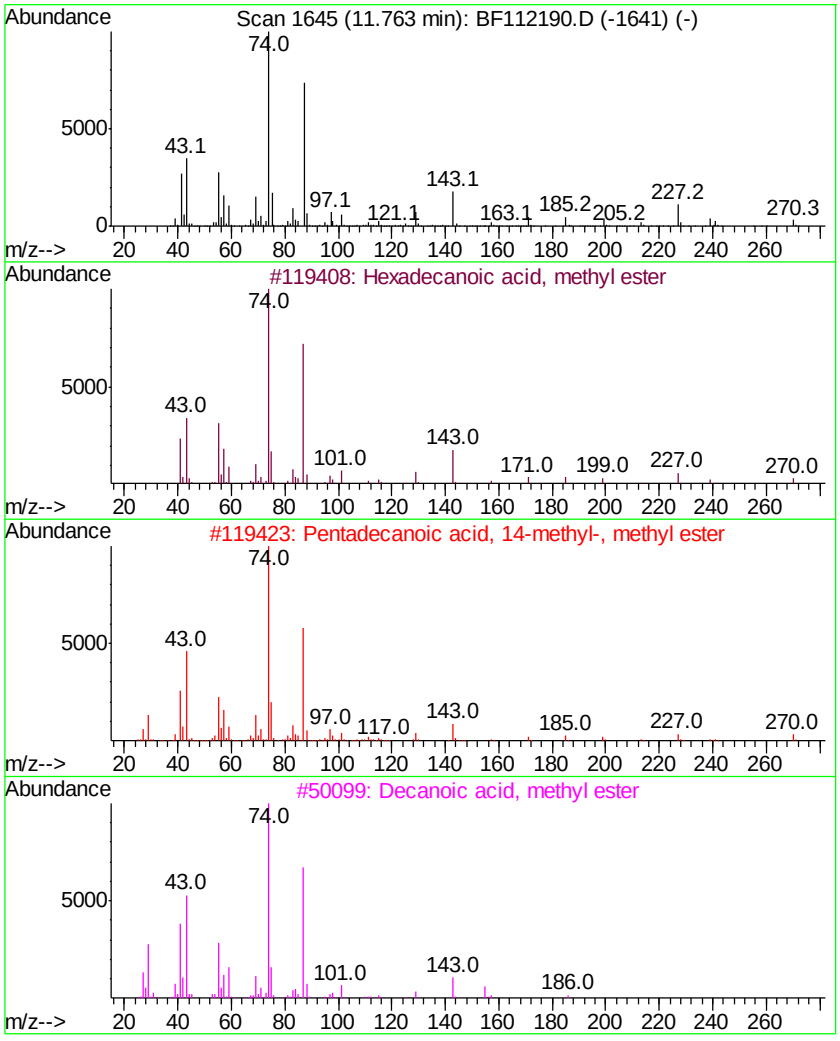
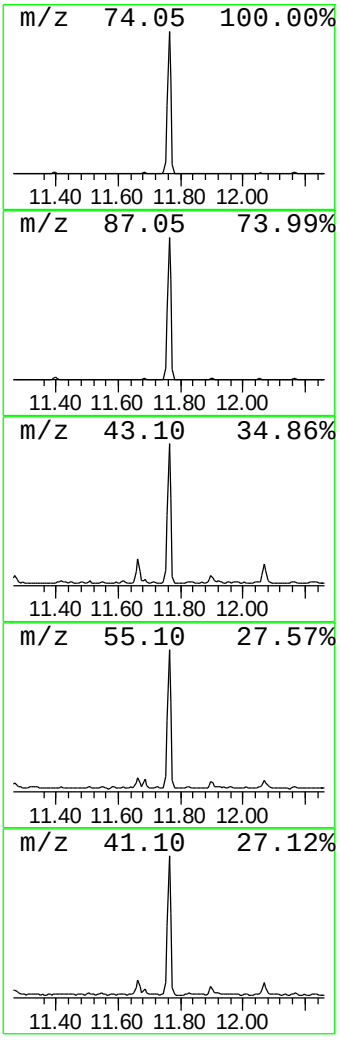
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	45.68 ng	4556820	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	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





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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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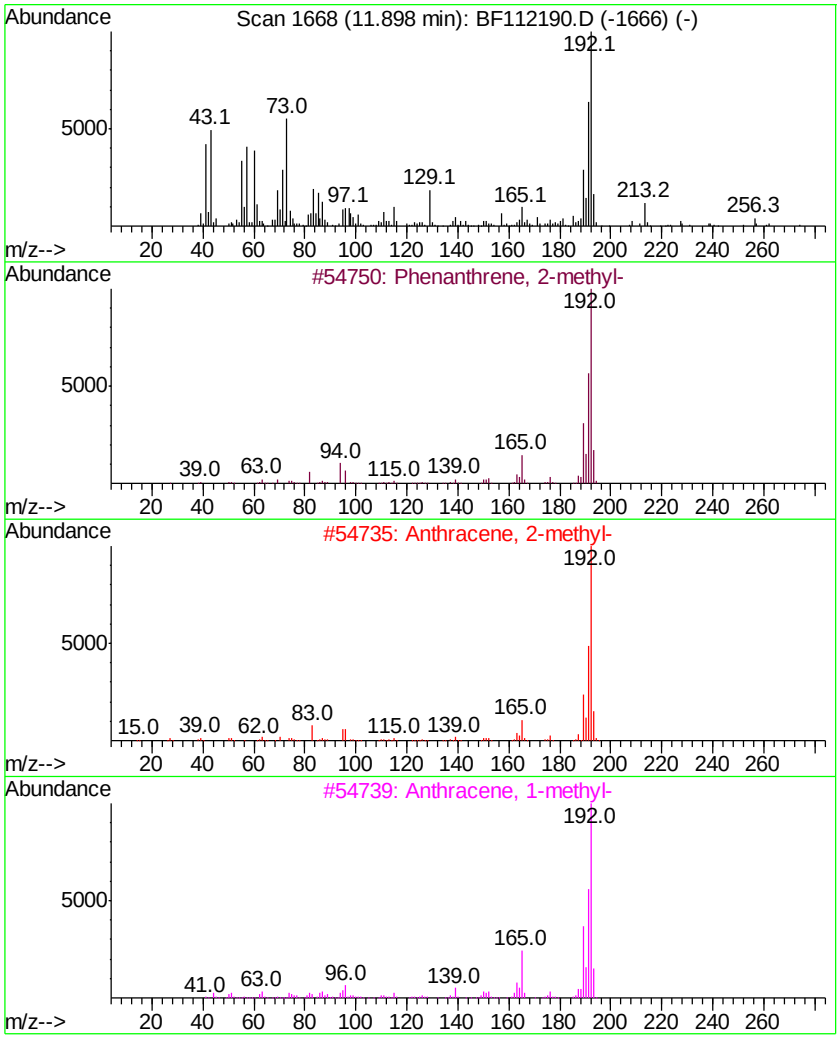
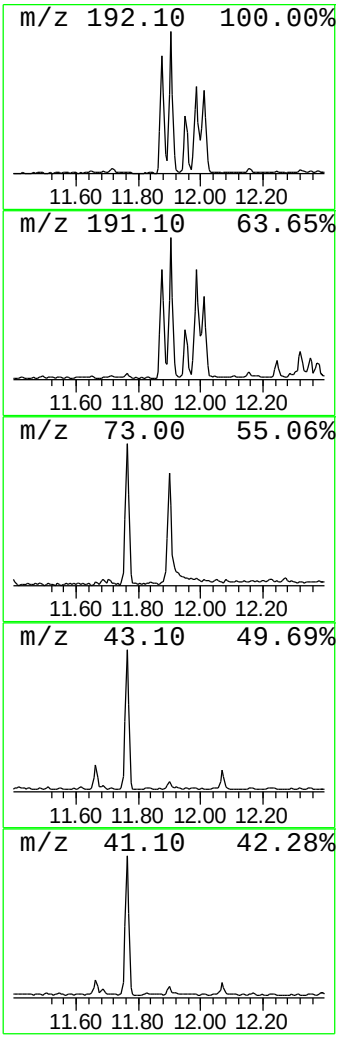
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.10 ng	508467	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





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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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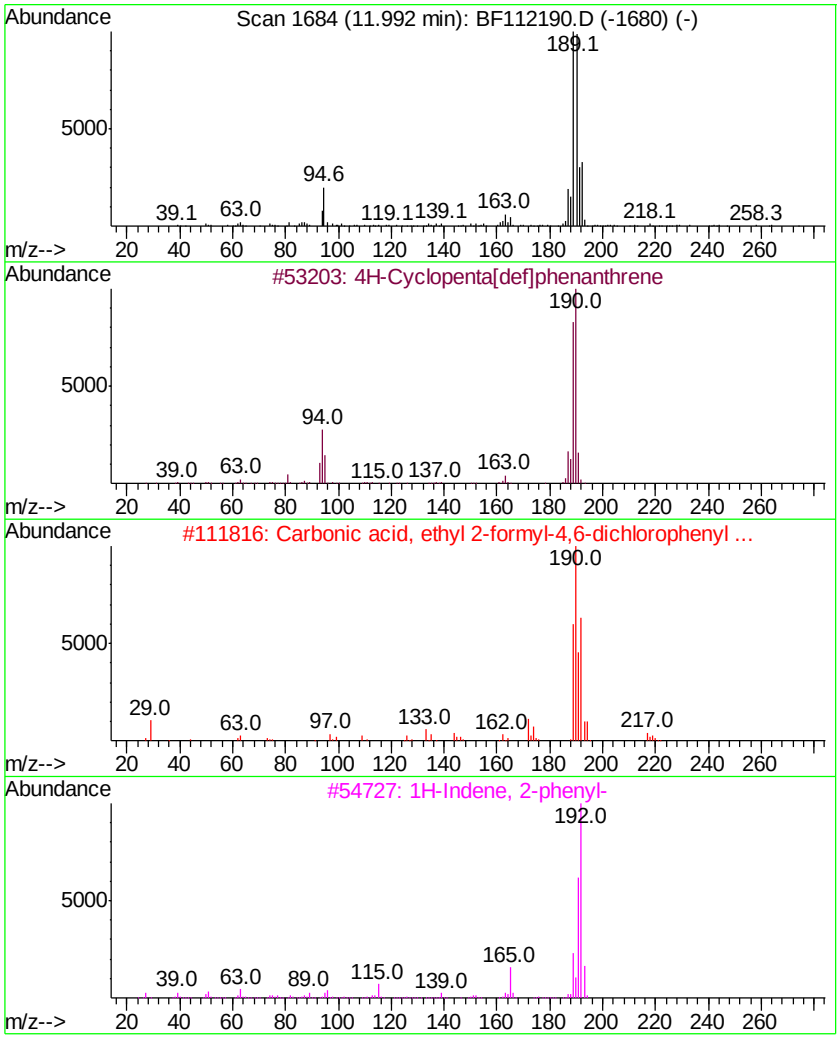
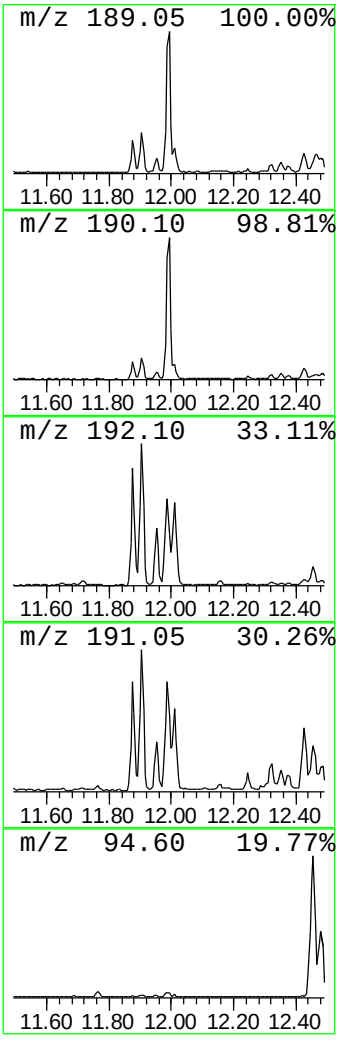
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.40 ng	438938	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Misc :
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ClientSampleId : PL-01-011819-B

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

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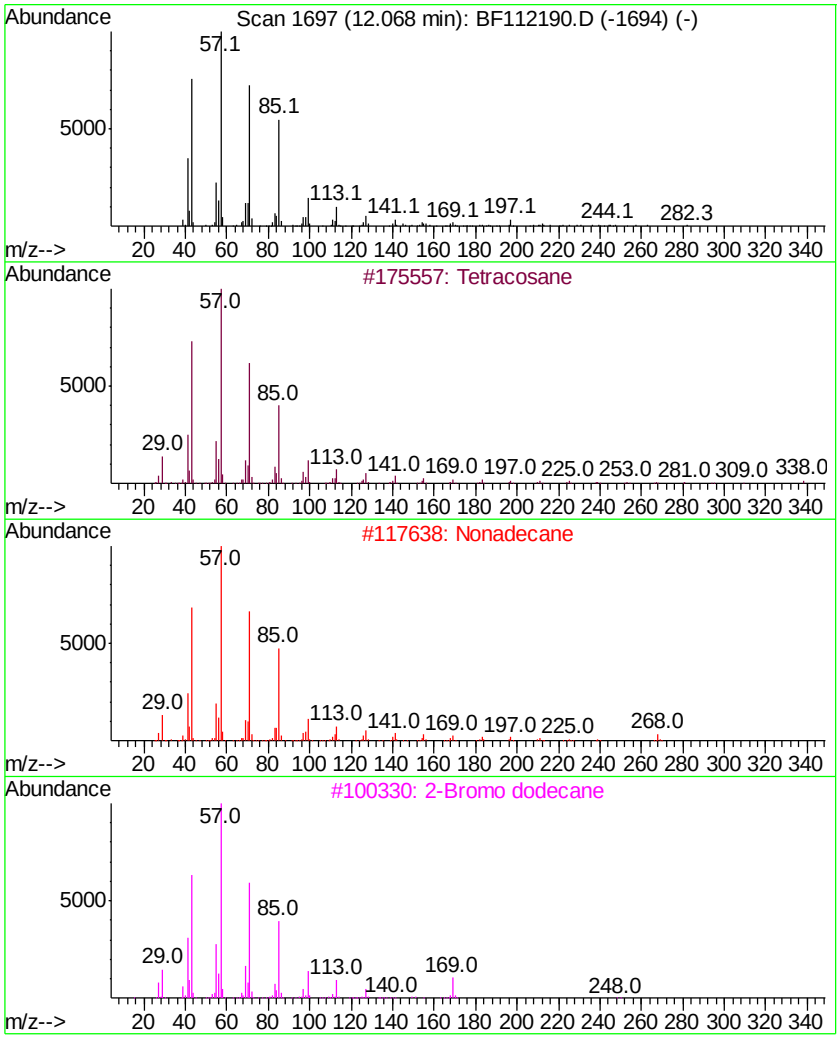
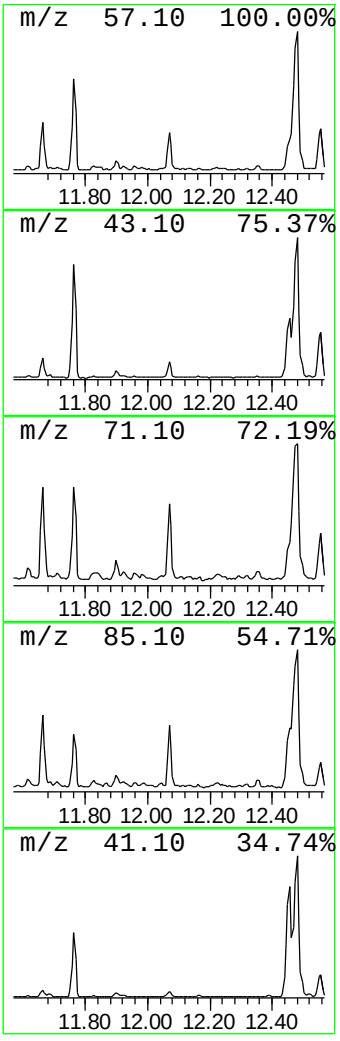
Peak Number 12 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.68 ng	367064	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heptadecane	240	C17H36	000629-78-7	86





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

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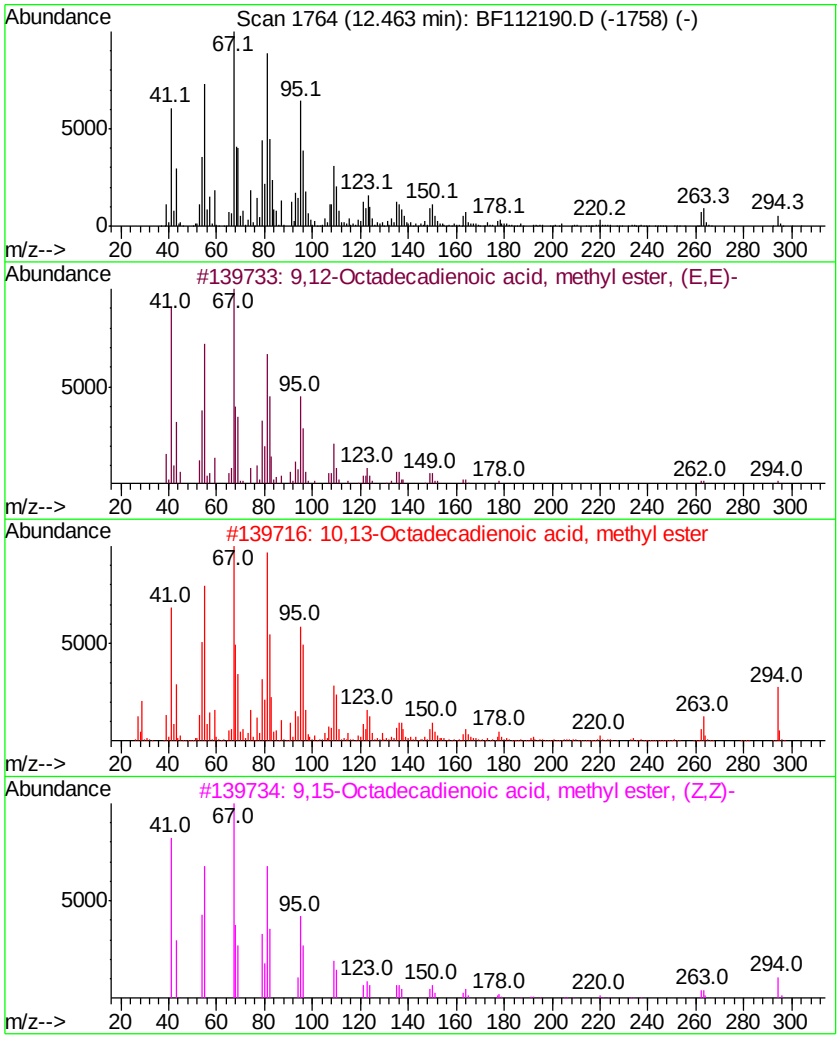
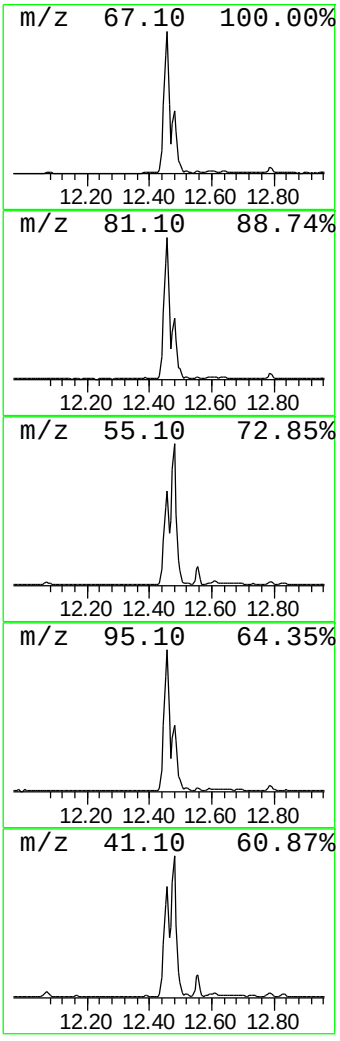
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	129.02 ng	12870600	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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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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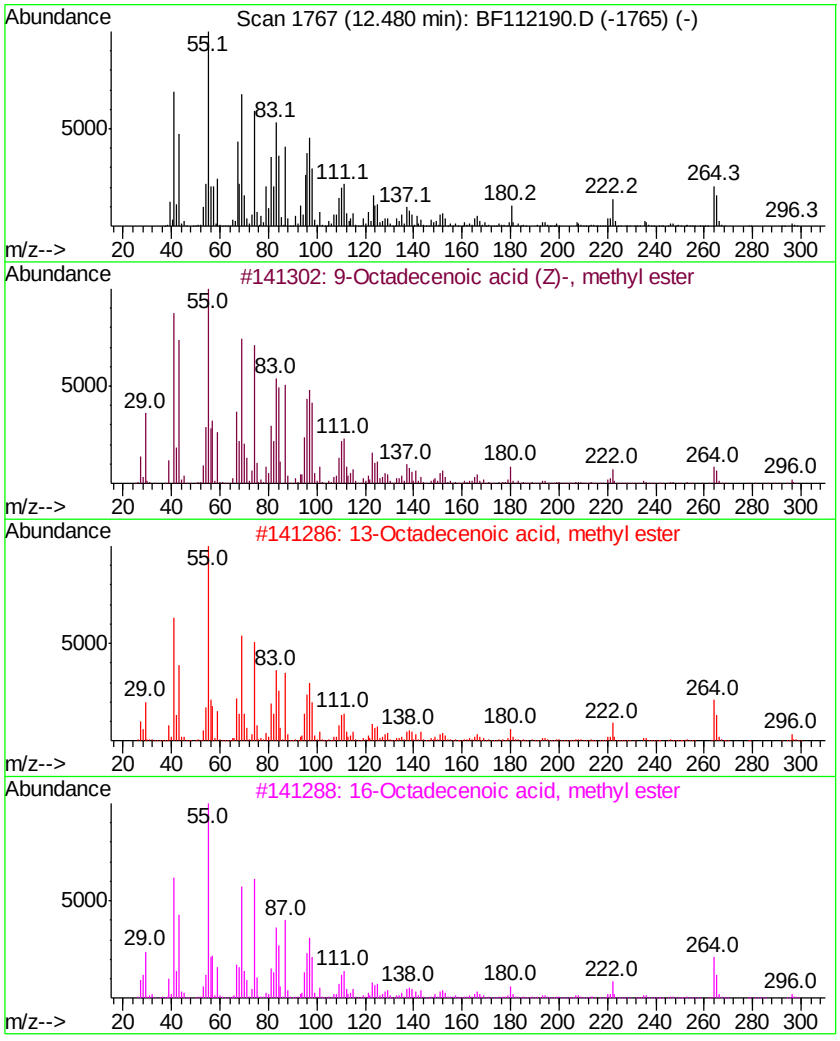
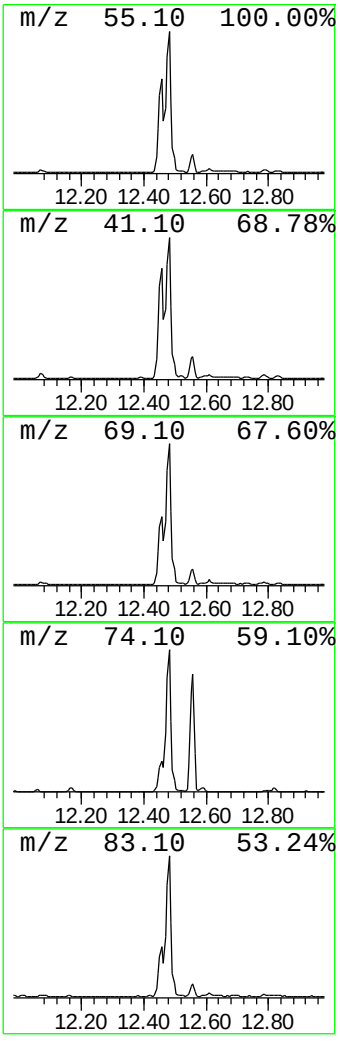
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	114.74 ng	11446400	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98





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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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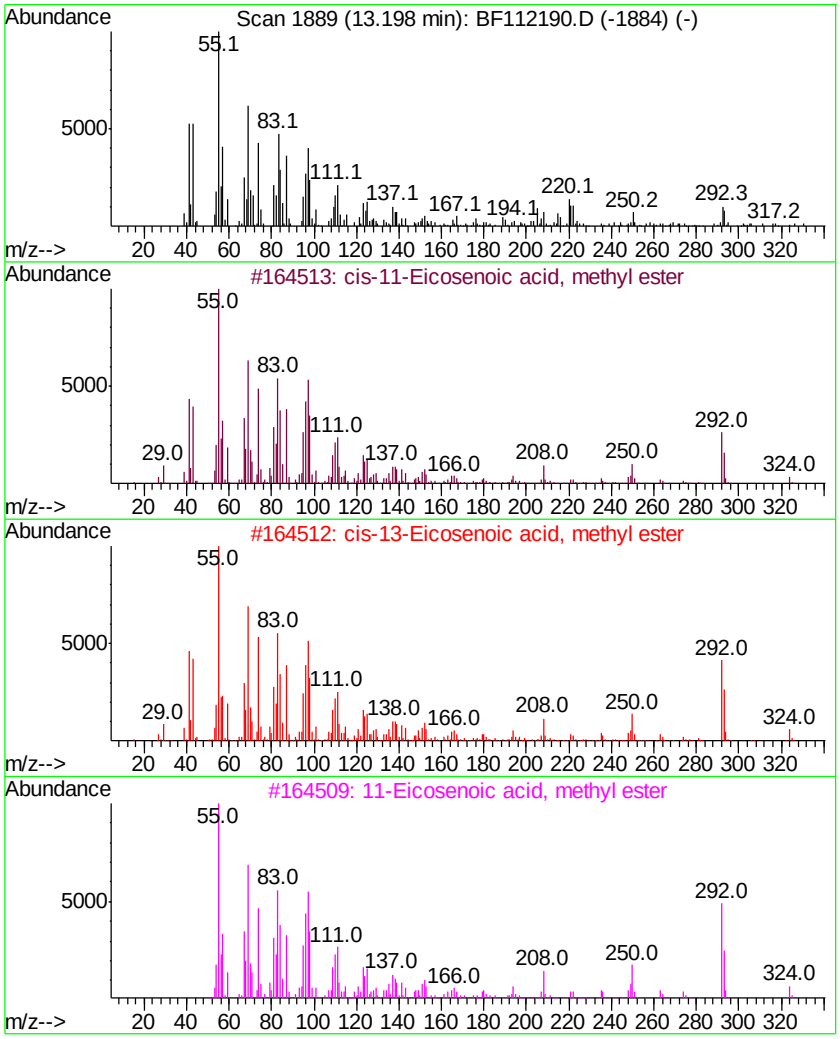
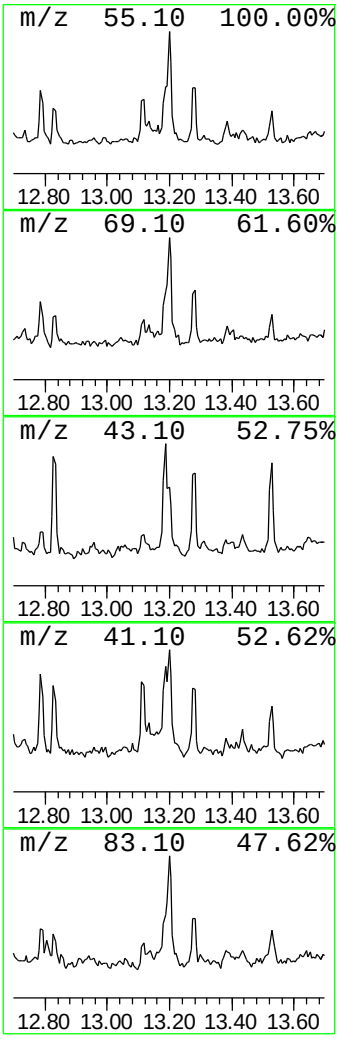
Peak Number 15 cis-11-Eicosenoic acid, met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	5.78 ng	869188	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	84
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	76
4	Methyl 5-eicosenoate	324	C21H40O2	1000336-48-3	59
5	2,7-Dimethyl-3,5-dimethylthio-2H...	215	C8H13N3S2	066425-11-4	56





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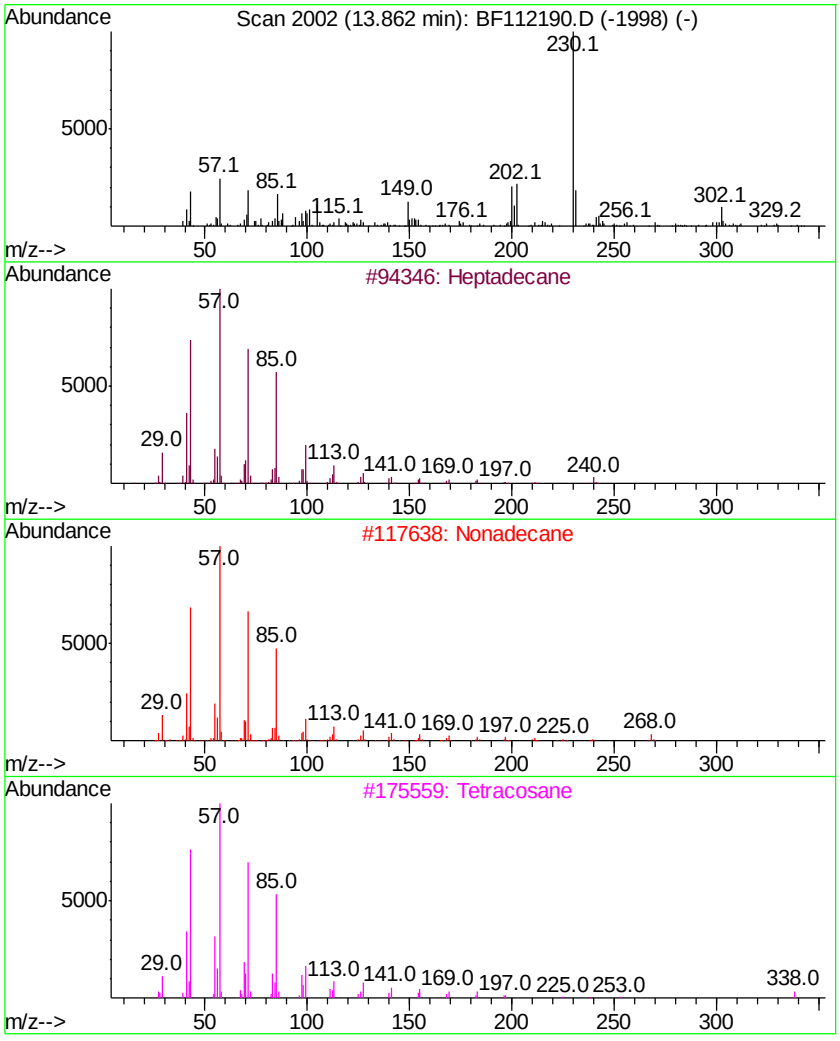
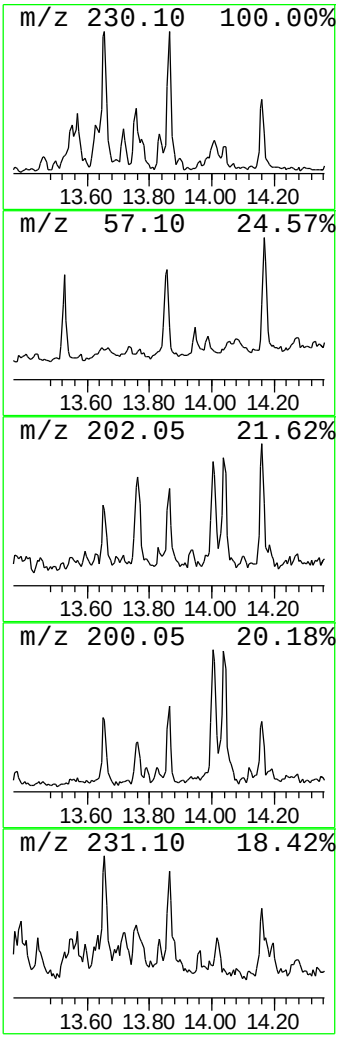
Peak Number 16 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.02 ng	453524	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Nonadecane	268	C19H40	000629-92-5	89
3	Tetracosane	338	C24H50	000646-31-1	55
4	Hexacosane	366	C26H54	000630-01-3	55
5	Octacosane	394	C28H58	000630-02-4	55





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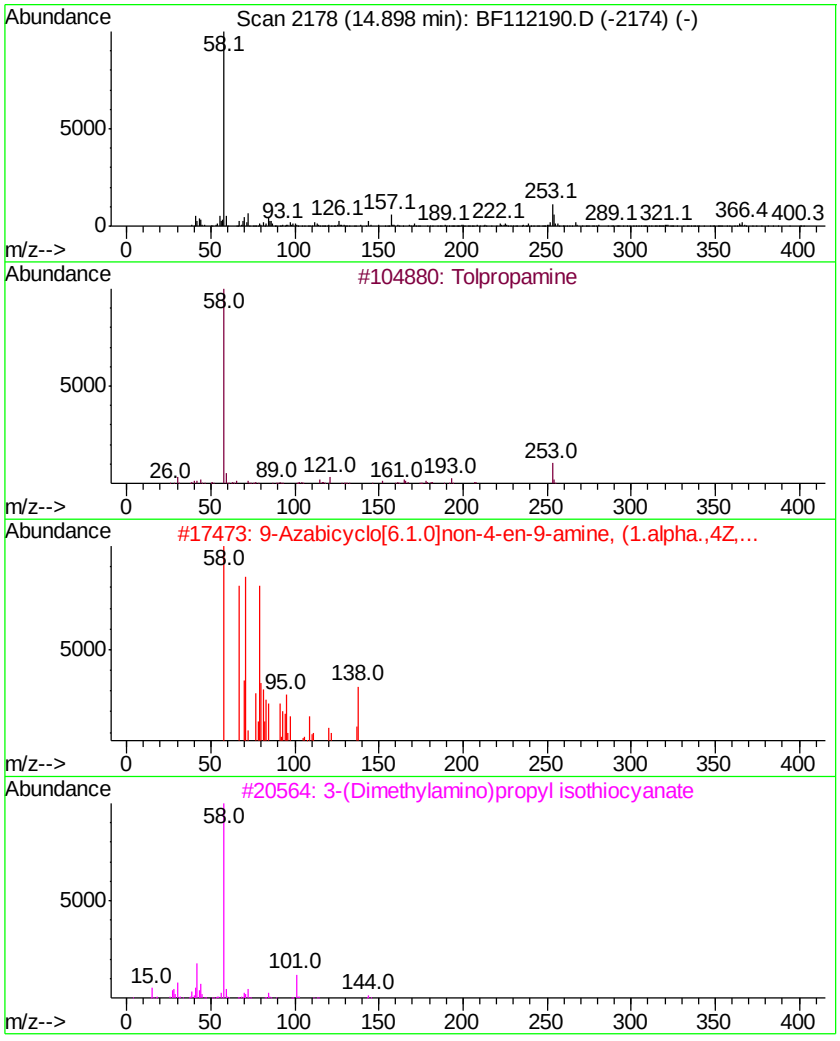
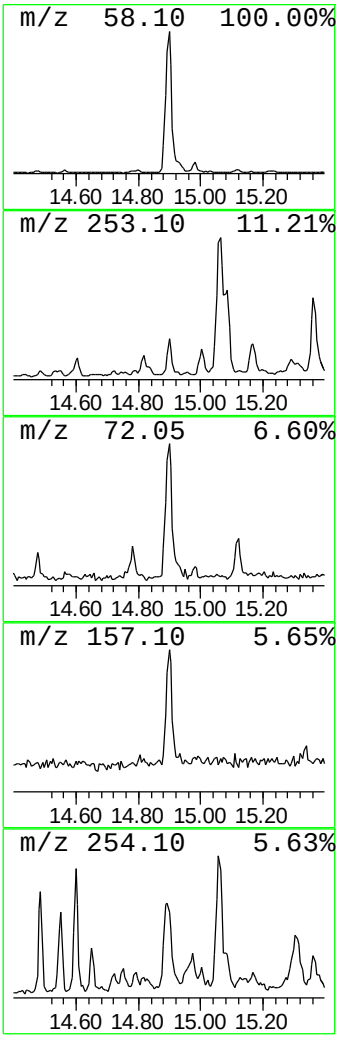
Peak Number 17 Tolpropamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.26 ng	621753	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolpropamine	253	C18H23N	005632-44-0	72
2	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	70
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	59
4	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	59
5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	53





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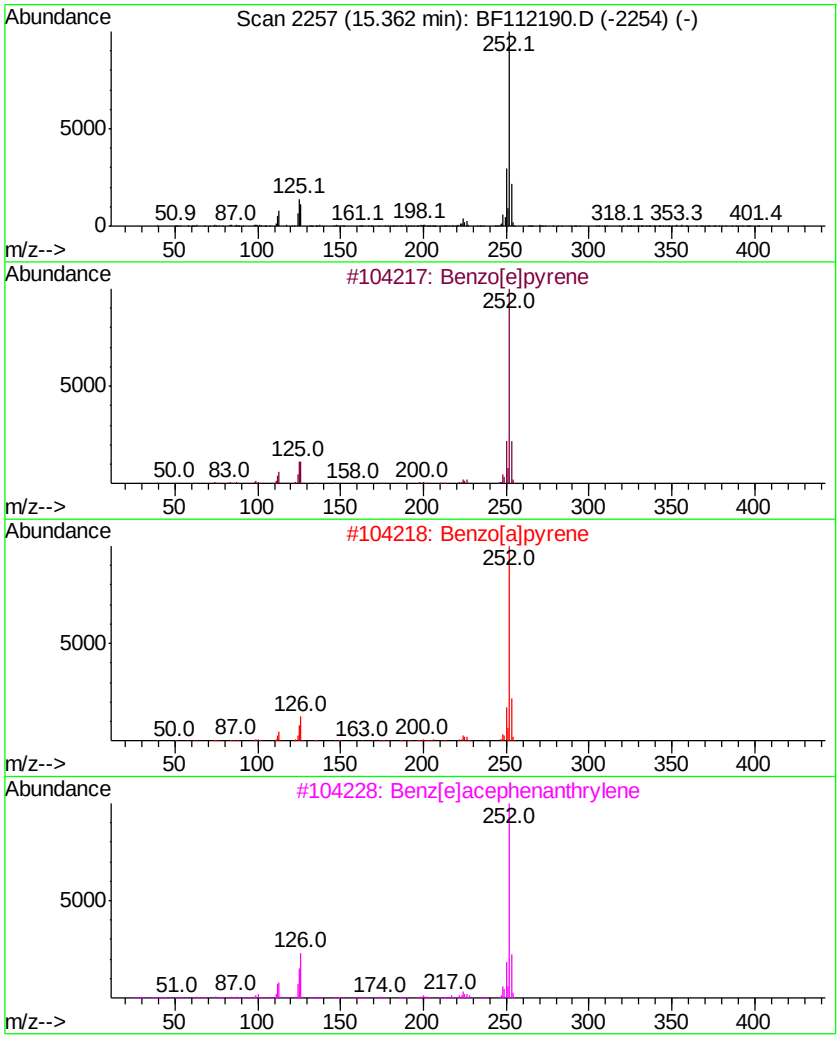
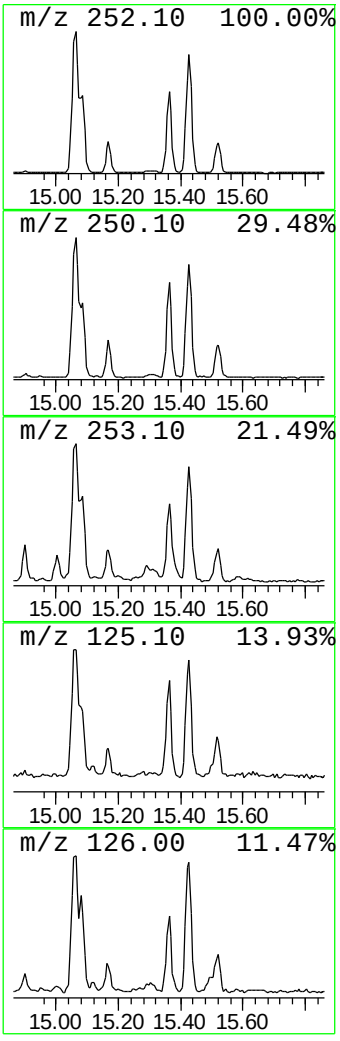
Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.86 ng	574048	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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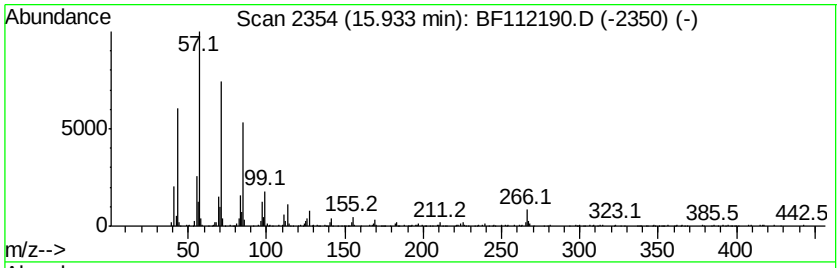
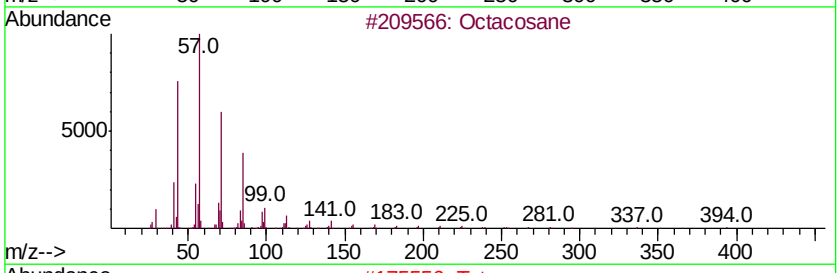
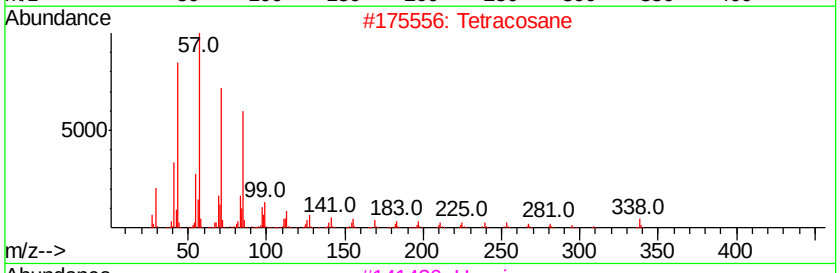
Peak Number 19 Octacosane Concentration Rank 8

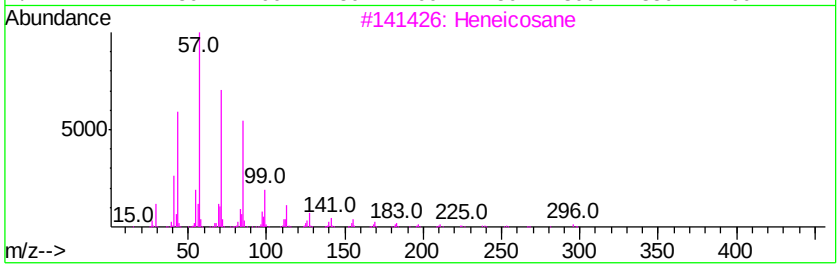
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	5.51 ng	651297	Perylene-d12	15.49

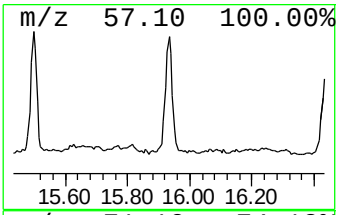
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90

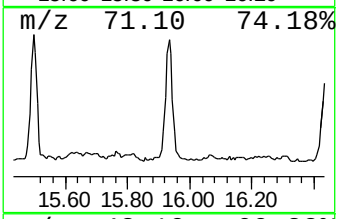


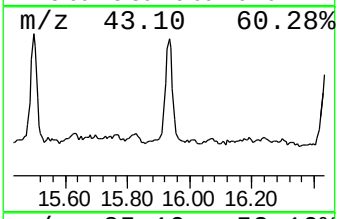


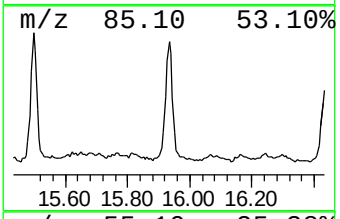


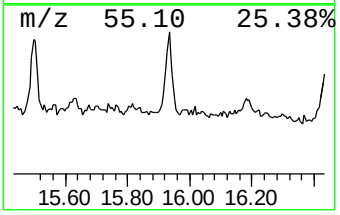












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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

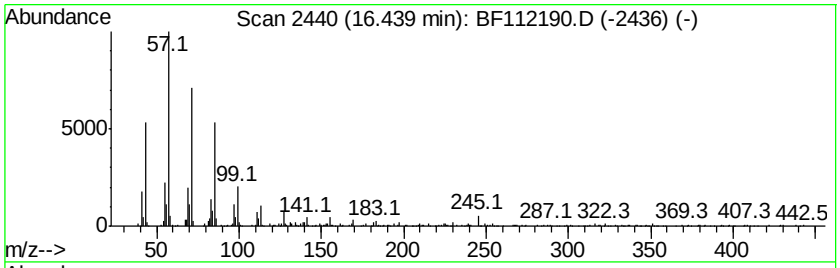
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

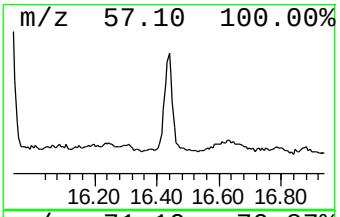
****

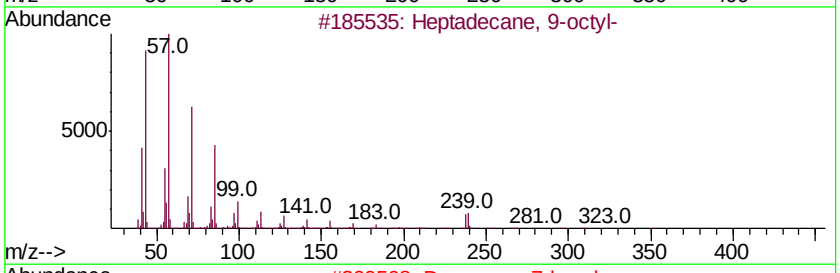
Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 12

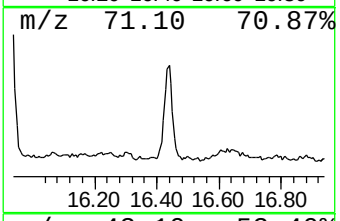
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.72 ng	558322	Perylene-d12	15.49

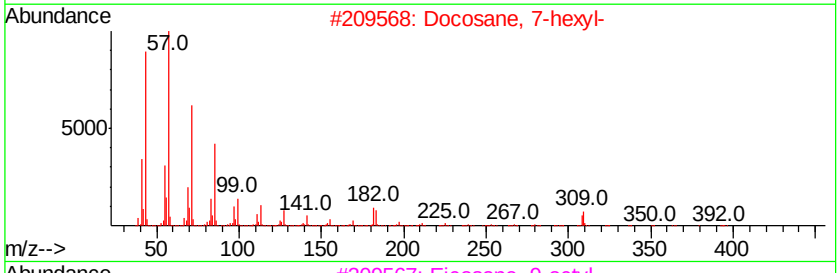
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
4	Nonacosane	408	C29H60	000630-03-5	90
5	Heneicosane	296	C21H44	000629-94-7	90

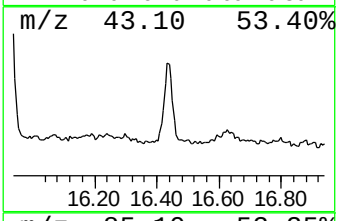


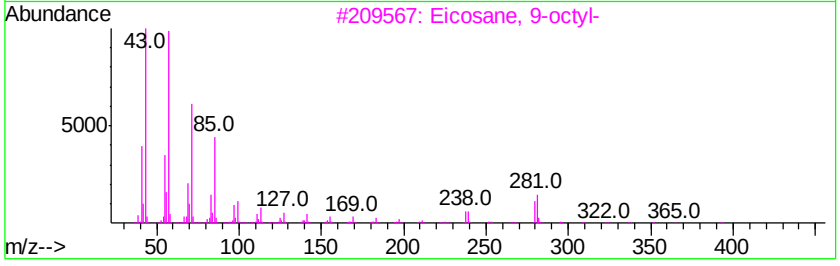


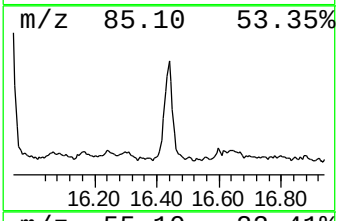


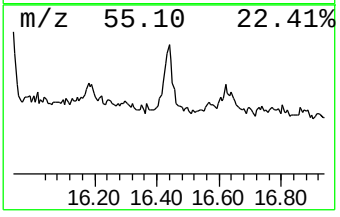












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012219\
Data File : BF112190.D
Acq On : 22 Jan 2019 13:47
Operator : JU/SJ
Sample : K1013-03 5X
Misc :
ALS Vial : 4 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
unknown6.62	6.62	15.7	ng	1185150	1	6.85	1505570	20.0
Tetradecane	9.82	3.5	ng	414875	3	9.89	2392540	20.0
Hexadecane	10.32	3.4	ng	402033	3	9.89	2392540	20.0
Heptadecane	10.79	6.7	ng	663894	4	11.37	1995150	20.0
2-Bromo dodecane	11.24	4.3	ng	430203	4	11.37	1995150	20.0
unknown11.27	11.27	3.5	ng	344208	4	11.37	1995150	20.0
Pentadecane	11.66	4.0	ng	398637	4	11.37	1995150	20.0
Hexadecanoic acid...	11.76	45.7	ng	4556820	4	11.37	1995150	20.0
Phenanthrene, 2-m...	11.90	5.1	ng	508467	4	11.37	1995150	20.0
4H-Cyclopenta[def...	11.99	4.4	ng	438938	4	11.37	1995150	20.0
Tetracosane	12.07	3.7	ng	367064	4	11.37	1995150	20.0
9,12-Octadecadien...	12.46	129.0	ng	12870600	4	11.37	1995150	20.0
9-Octadecenoic ac...	12.48	114.7	ng	11446400	4	11.37	1995150	20.0
cis-11-Eicosenoic...	13.20	5.8	ng	869188	5	14.02	3007750	20.0
Nonadecane	13.86	3.0	ng	453524	5	14.02	3007750	20.0
Tolpropamine	14.90	5.3	ng	621753	6	15.49	2364670	20.0
Benzo[e]pyrene	15.36	4.9	ng	574048	6	15.49	2364670	20.0
Octacosane	15.93	5.5	ng	651297	6	15.49	2364670	20.0
Heptadecane, 9-oc...	16.44	4.7	ng	558322	6	15.49	2364670	20.0