LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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	594	rBV	868734	875827	26.43%	1.698%
2	6.492	746	749	763	rBV	1099339	986089	29.75%	1.911%
3	6.628	768	772	779	rVV	1213131	1023323	30.88%	1.983%
4	6.857	807	811	818	rBV	1551338	1394978	42.09%	2.704%
5	7.010	833	837	841	rBV	991486	817128	24.66%	1.584%
6	7.410	902	905	910	rBV	622482	521148	15.73%	1.010%
7	8.139	1023	1029	1031	rBV	2058563	1890640	57.05%	3.665%
8	8.157	1031	1032	1036	rVB	630349	421152	12.71%	0.816%
9	8.728	1126	1129	1133	rBV	124514	105323	3.18%	0.204%
10	8.851	1147	1150	1155	rVB	391845	302351	9.12%	0.586%
11	8.951	1162	1167	1176	rBV	306205	303312	9.15%	0.588%
12	9.210	1207	1211	1216	rBV	1551183	1204612	36.35%	2.335%
13	9.292	1222	1225	1227	rBV	139706	121723	3.67%	0.236%
14	9.481	1250	1257	1260	rBV	152808	211934	6.39%	0.411%
15	9.551	1265	1269	1271	rVV	265673	255419	7.71%	0.495%
16	9.575	1271	1273	1275	rVV	149923	144474	4.36%	0.280%
17	9.604	1275	1278	1282	rVV	257931	303940	9.17%	0.589%
18	9.669	1286	1289	1295	rVV2	133381	138839	4.19%	0.269%
19	9.751	1300	1303	1308	rBV	342435	292261	8.82%	0.566%
20	9.822	1312	1315	1318	rVB	131646	97888	2.95%	0.190%
21	9.892	1320	1327	1330	rBV2	2174568	1904485	57.47%	3.691%
22	9.922	1330	1332	1336	rVB	366034	320178	9.66%	0.621%
23	9.998	1342	1345	1349	rVB2	64167	76960	2.32%	0.149%
24	10.098	1357	1362	1366	rVV2	302059	320390	9.67%	0.621%
25	10.133	1366	1368	1375	rVV2	95487	106574	3.22%	0.207%
26	10.210	1377	1381	1383	rBV2	83355	85443	2.58%	0.166%
27	10.298	1392	1396	1398	rBV3	54521	74796	2.26%	0.145%
28	10.322	1398	1400	1402	rVB2	157285	111286	3.36%	0.216%
29	10.439	1417	1420	1426	rVB	549106	461734	13.93%	0.895%
30	10.598	1444	1447	1450	rVB	93814	89377	2.70%	0.173%
31	10.680	1455	1461	1466	rBV	660124	651257	19.65%	1.262%
32	10.792	1477	1480	1488	rBV2	138861	216769	6.54%	0.420%
33	10.986	1508	1513	1516	rBV2	109026	135209	4.08%	0.262%
34	11.139	1537	1539	1544	rVV2	65151	74743	2.26%	0.145%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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	11.186	1544	1547	1550	rVV	108334	107958	3.26%	0.209%
36	11.239	1551	1556	1559	rVV2	126249	160911	4.86%	0.312%
37	11.275	1559	1562	1568	rVB	284722	264400	7.98%	0.512%
38	11.380	1576	1580	1582	rBV	1873249	1792844	54.10%	3.475%
39	11.404	1582	1584	1587	rVV	2685857	2036906	61.46%	3.948%
40	11.457	1590	1593	1596	rVV	602983	551103	16.63%	1.068%
41	11.610	1613	1619	1626	rBV	215795	274439	8.28%	0.532%
42	11.669	1626	1629	1631	rVV2	171878	154614	4.67%	0.300%
43	11.710	1634	1636	1642	rVV3	138137	151304	4.57%	0.293%
44	11.769	1642	1646	1648	rVV	1161572	992116	29.94%	1.923%
45	11.792	1648	1650	1654	rVB	76765	74726	2.25%	0.145%
46	11.880	1662	1665	1667	rBV	362707	302755	9.14%	0.587%
47	11.910	1667	1670	1674	rVB	479955	410773	12.39%	0.796%
48	11.957	1675	1678	1681	rBV	179358	160113	4.83%	0.310%
49	11.992	1681	1684	1686	rVV	566519	565036	17.05%	1.095%
50	12.016	1686	1688	1692	rVB	279251	231831	7.00%	0.449%
51	12.074	1692	1698	1702	rBV4	111865	176124	5.31%	0.341%
52	12.174	1712	1715	1717	rBV	228993	182884	5.52%	0.354%
53	12.204	1717	1720	1723	rVB2	81694	79608	2.40%	0.154%
54	12.327	1739	1741	1743	rVV	81927	73381	2.21%	0.142%
55	12.357	1743	1746	1748	rVV	109587	99200	2.99%	0.192%
56	12.451	1759	1762	1764	rBV	2688332	2367855	71.45%	4.589%
57	12.474	1764	1766	1771	rVB	4000235	3314129	100.00%	6.424%
58	12.516	1771	1773	1777	rVB2	172566	183450	5.54%	0.356%
59	12.557	1777	1780	1783	rVB	468749	370463	11.18%	0.718%
60	12.592	1783	1786	1790	rBV	2503568	2176127	65.66%	4.218%
61	12.633	1791	1793	1795	rBV	69479	72508	2.19%	0.141%
62	12.686	1800	1802	1805	rBV	141722	118644	3.58%	0.230%
63	12.745	1809	1812	1816	rBV3	101105	107556	3.25%	0.208%
64	12.821	1818	1825	1831	rBV	2199826	2555480	77.11%	4.953%
65	12.874	1831	1834	1838	rVB2	114114	148849	4.49%	0.289%
66	12.957	1842	1848	1851	rBV	1155037	1185380	35.77%	2.298%
67	13.039	1858	1862	1866	rBV2	213049	341549	10.31%	0.662%
68	13.127	1873	1877	1878	rBV2	178921	199625	6.02%	0.387%
69	13.151	1878	1881	1884	rVB	434700	415193	12.53%	0.805%
70	13.192	1885	1888	1889	rBV2	109829	106560	3.22%	0.207%
71	13.216	1889	1892	1895	rVV	341225	331394	10.00%	0.642%

LSC Area Percent Report

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Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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
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Peak separation: 5

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

72	13.257	1895	1899	1901	rVV2	292481	302423	9.13%	0.586%
73	13.280	1901	1903	1906	rVV	103618	104008	3.14%	0.202%
74	13.316	1906	1909	1912	rVV2	59122	76463	2.31%	0.148%
75	13.345	1912	1914	1917	rVB	176902	143763	4.34%	0.279%
76	13.380	1917	1920	1923	rBV	184504	187441	5.66%	0.363%
77	13.533	1943	1946	1948	rBV2	96948	107681	3.25%	0.209%
78	13.657	1965	1967	1972	rVB	164321	195372	5.90%	0.379%
79	13.768	1983	1986	1989	rBV2	199658	227368	6.86%	0.441%
80	13.798	1989	1991	1993	rVV	207524	160828	4.85%	0.312%
81	13.821	1993	1995	1999	rVV2	171652	225338	6.80%	0.437%
82	13.863	2000	2002	2007	rVB2	205423	212758	6.42%	0.412%
83	14.021	2024	2029	2031	rBV2	2149978	2817932	85.03%	5.462%
84	14.045	2031	2033	2041	rVB	1108215	1062632	32.06%	2.060%
85	14.127	2045	2047	2051	rBV	147446	128901	3.89%	0.250%
86	14.174	2051	2055	2059	rBV3	146674	228934	6.91%	0.444%
87	14.239	2064	2066	2070	rBV2	98203	130684	3.94%	0.253%
88	14.410	2092	2095	2098	rVB	213226	206286	6.22%	0.400%
89	14.439	2098	2100	2103	rBV	121995	97230	2.93%	0.188%
90	14.480	2105	2107	2110	rBV3	133240	133661	4.03%	0.259%
91	14.533	2113	2116	2118	rBV2	179468	163669	4.94%	0.317%
92	14.792	2157	2160	2163	rBV2	135940	154489	4.66%	0.299%
93	15.063	2202	2206	2210	rBV	776940	1270518	38.34%	2.463%
94	15.127	2214	2217	2221	rVB3	168253	209969	6.34%	0.407%
95	15.174	2222	2225	2230	rBV	216569	243843	7.36%	0.473%
96	15.368	2255	2258	2264	rVB	445571	554429	16.73%	1.075%
97	15.433	2265	2269	2274	rBV	690416	872080	26.31%	1.690%
98	15.498	2275	2280	2292	rVV2	998296	1683693	50.80%	3.263%
99	16.974	2527	2531	2538	rVB2	256515	449002	13.55%	0.870%
100	17.421	2603	2607	2616	rVB2	186412	362225	10.93%	0.702%

Sum of corrected areas: 51592970

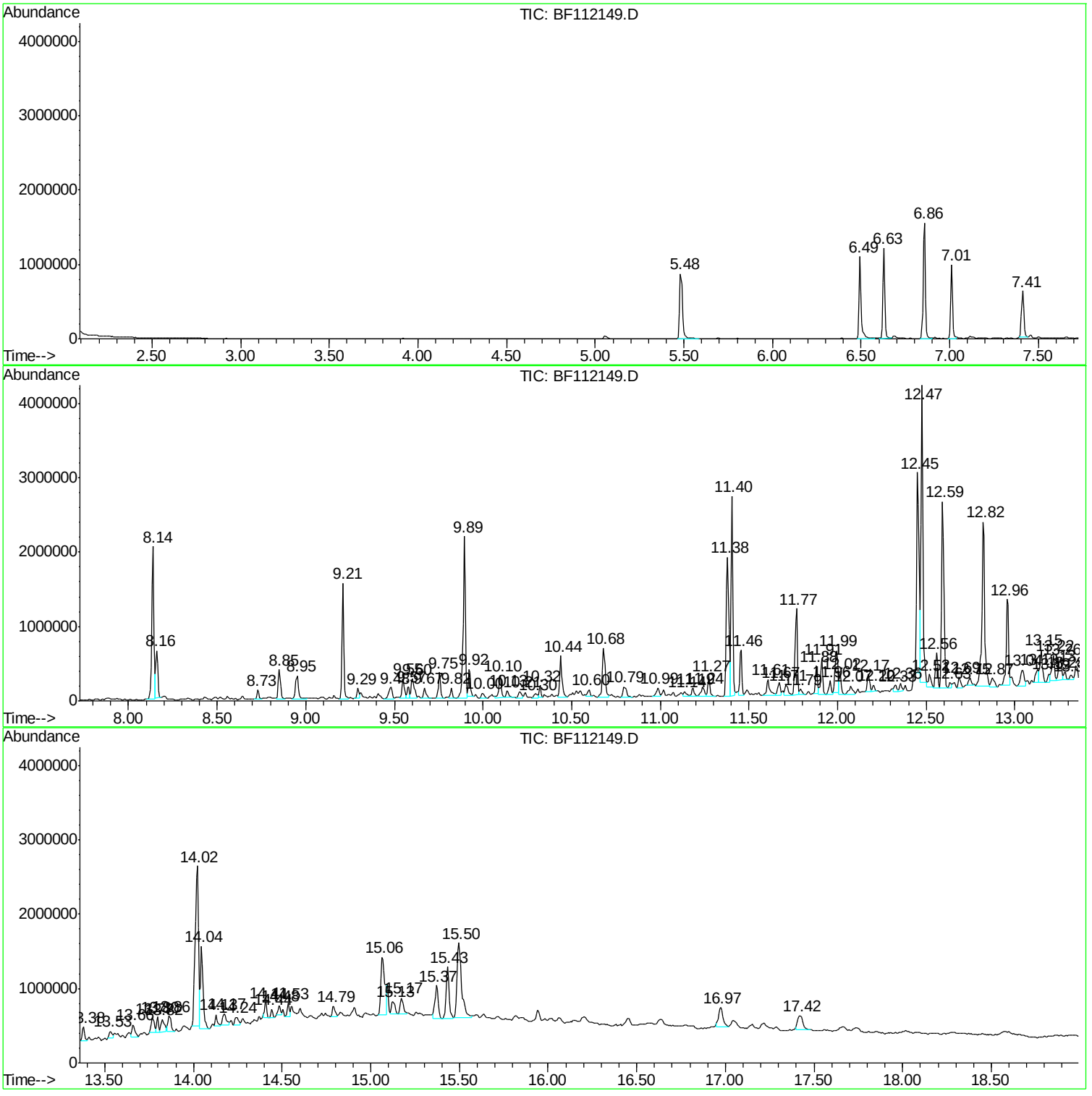
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

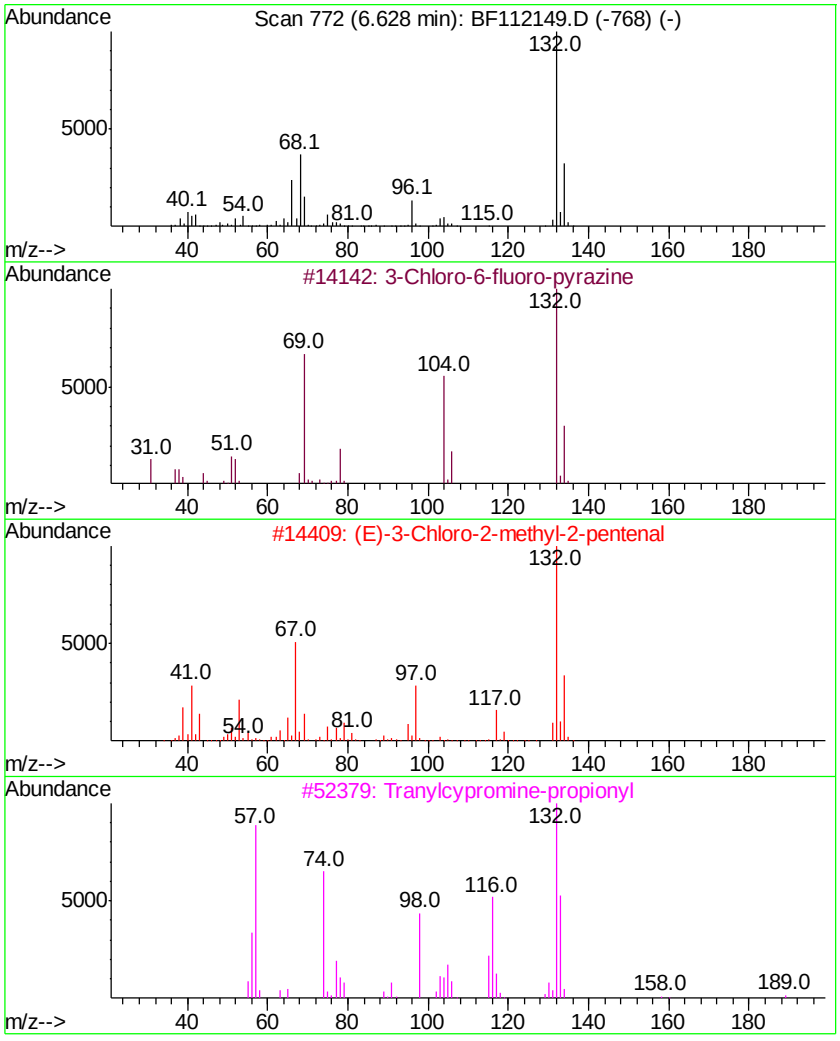
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

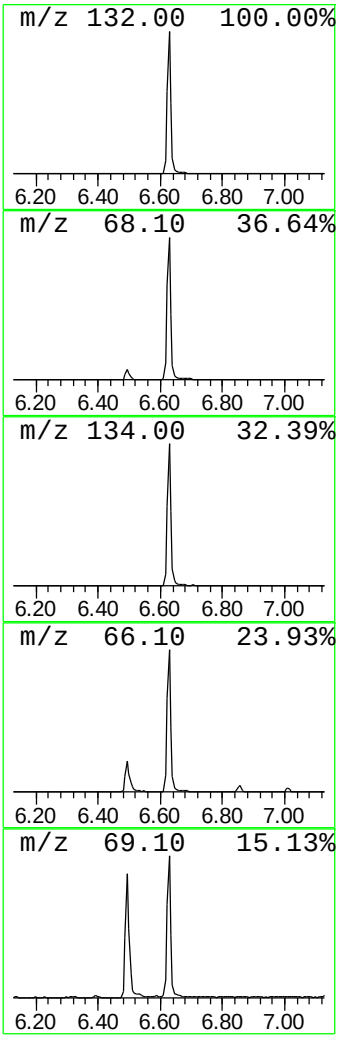
****

Peak Number 1 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	14.67 ng	1023320	1,4-Dichlorobenzene-d4	6.86

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

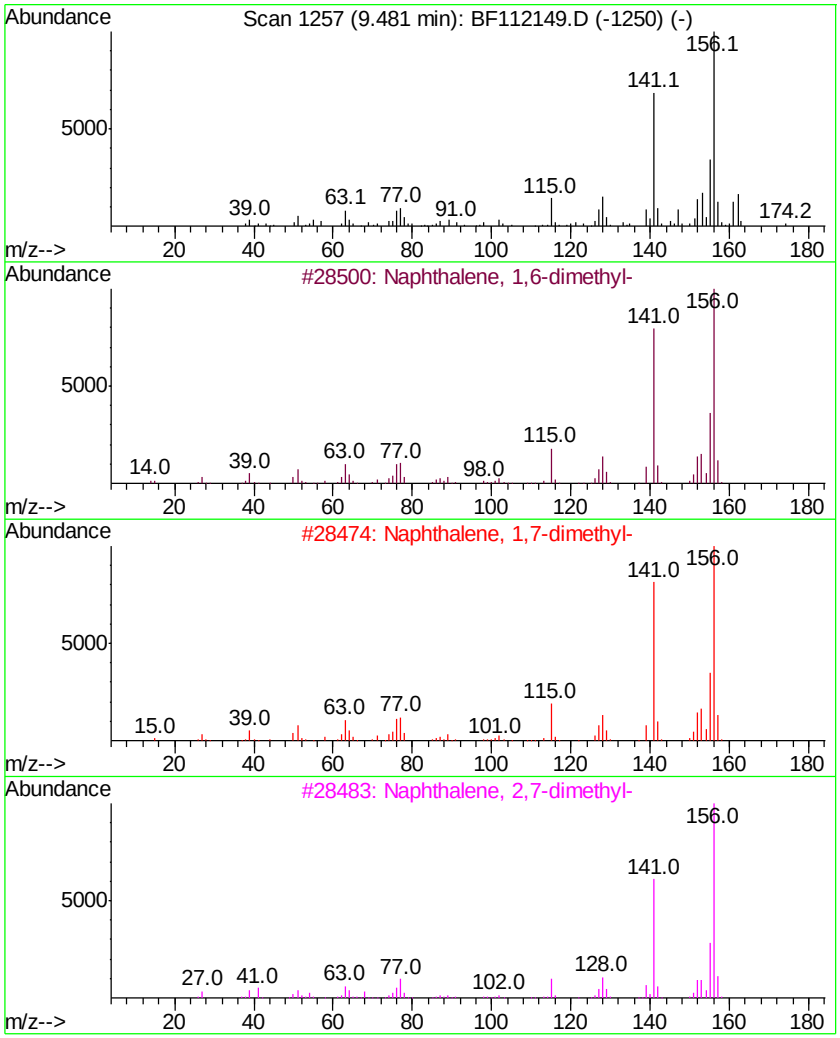
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

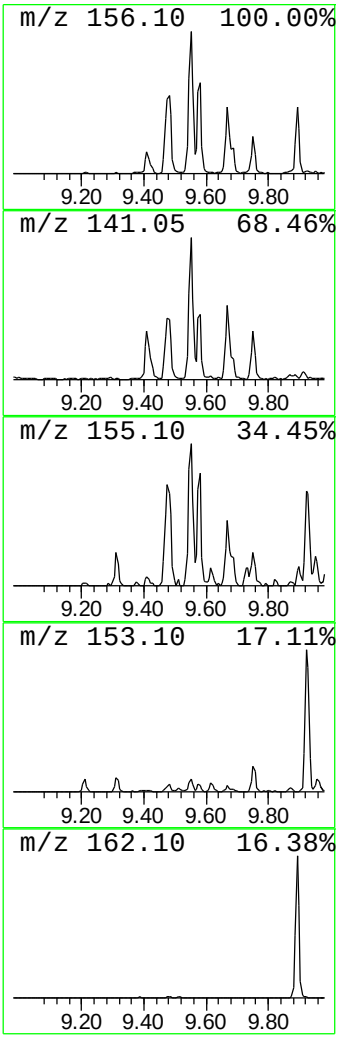
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	2.23 ng	211934	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

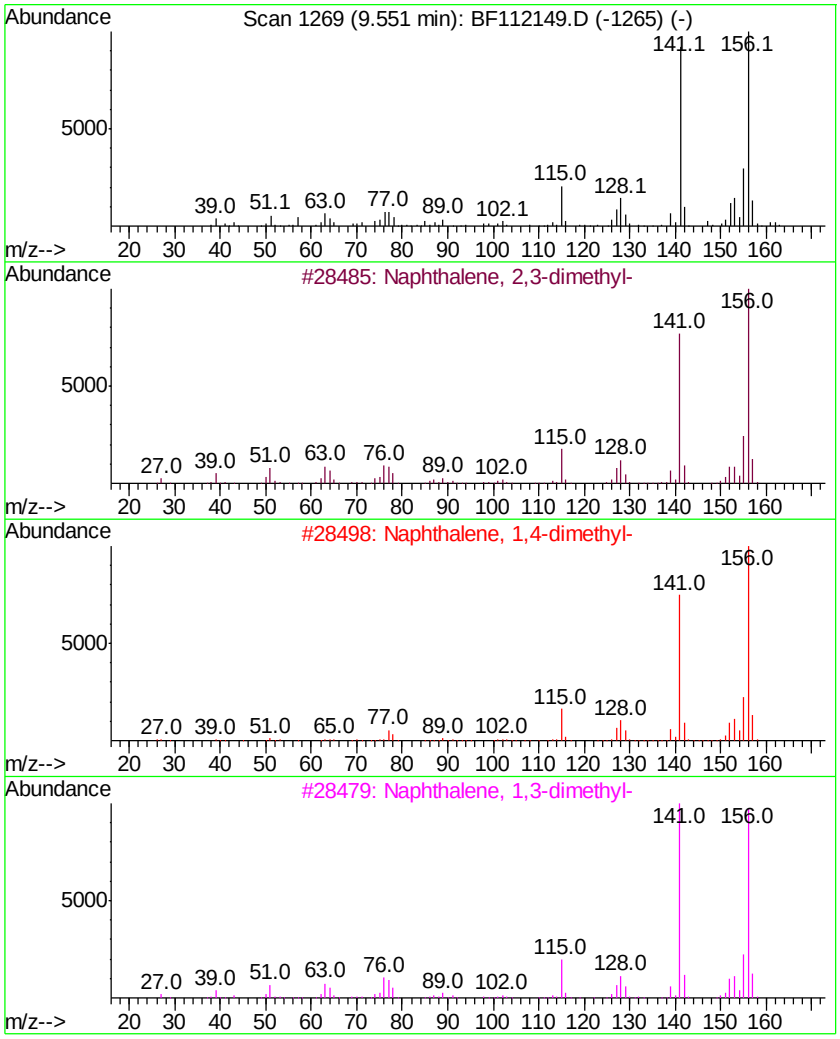
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

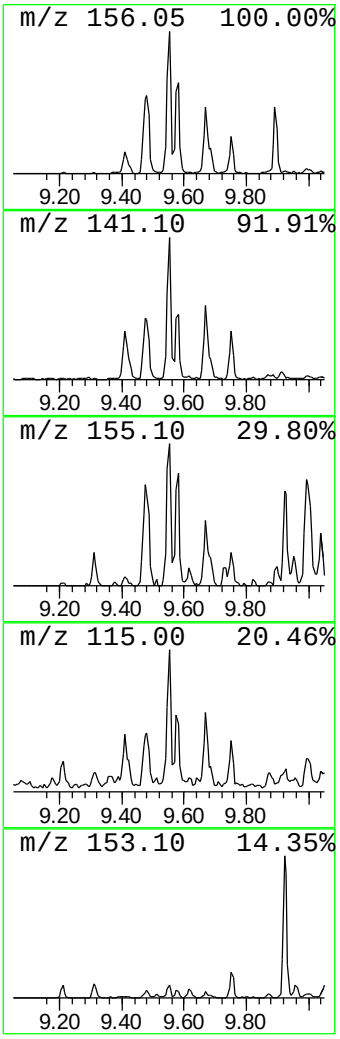
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.68 ng	255419	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

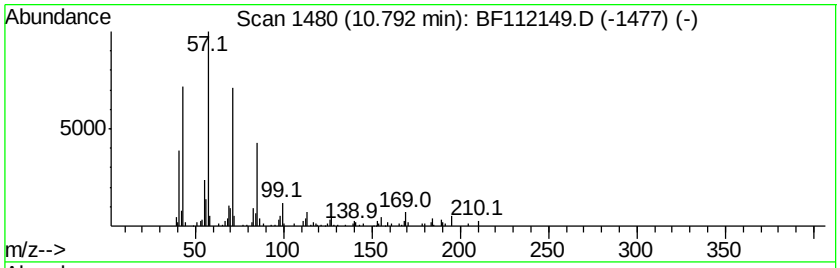
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

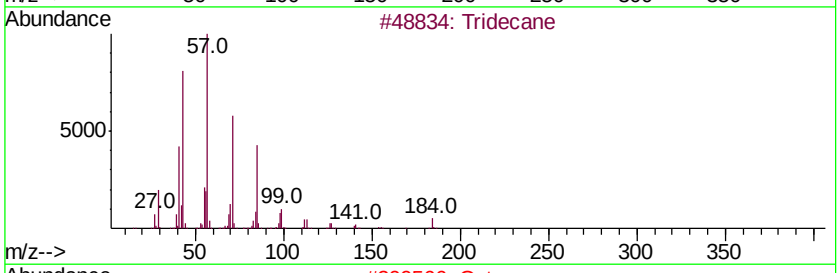
****

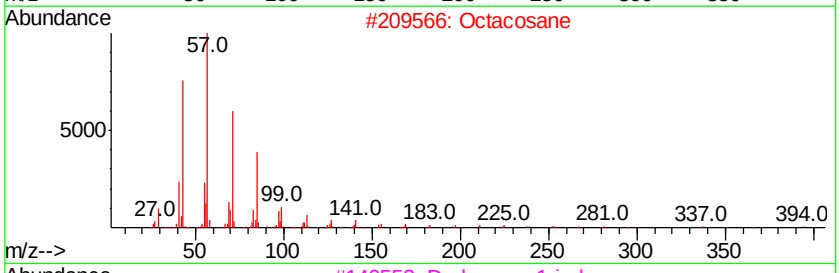
Peak Number 5 Tridecane Concentration Rank 16

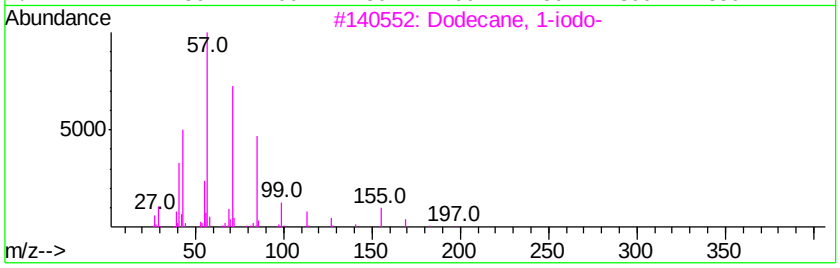
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.42 ng	216769	Phenanthrene-d10	11.38

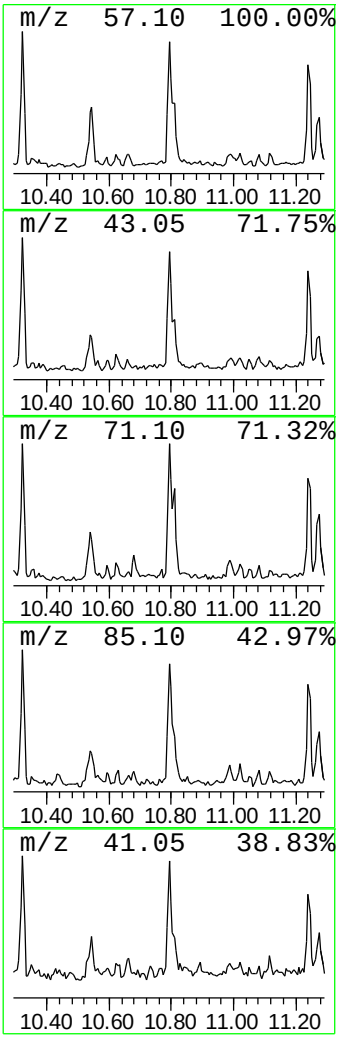
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Octacosane	394	C28H58	000630-02-4	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetratetracontane	619	C44H90	007098-22-8	80











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Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

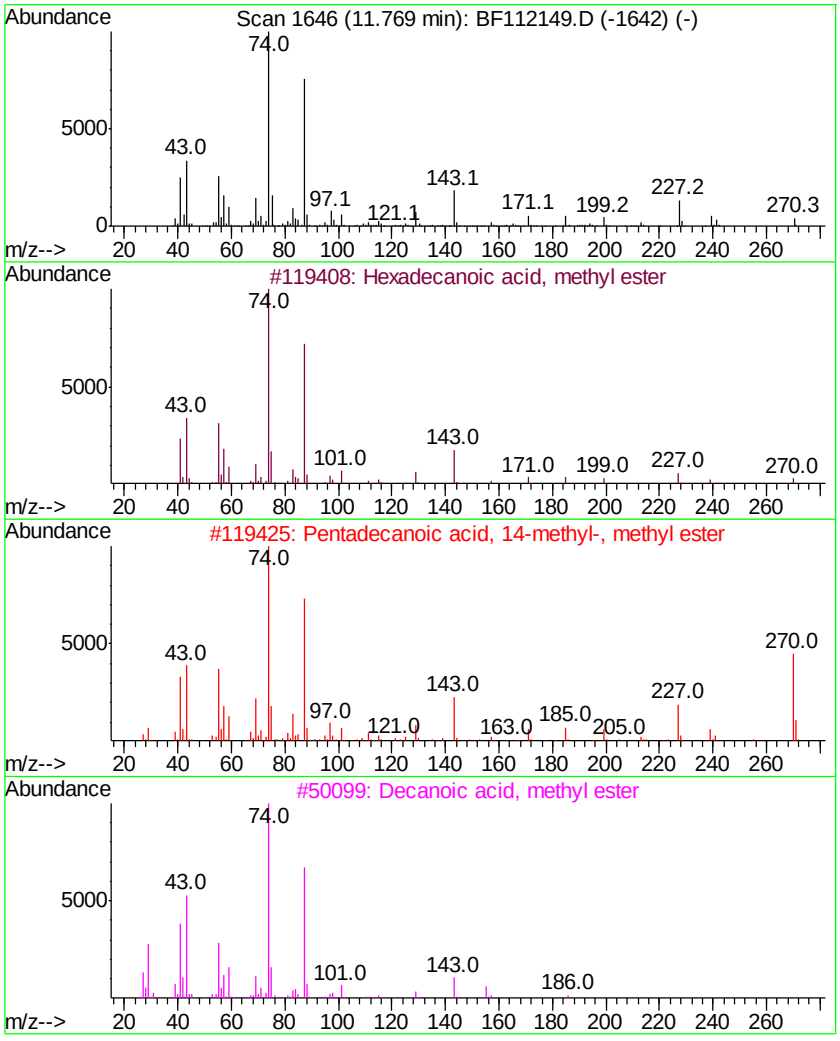
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

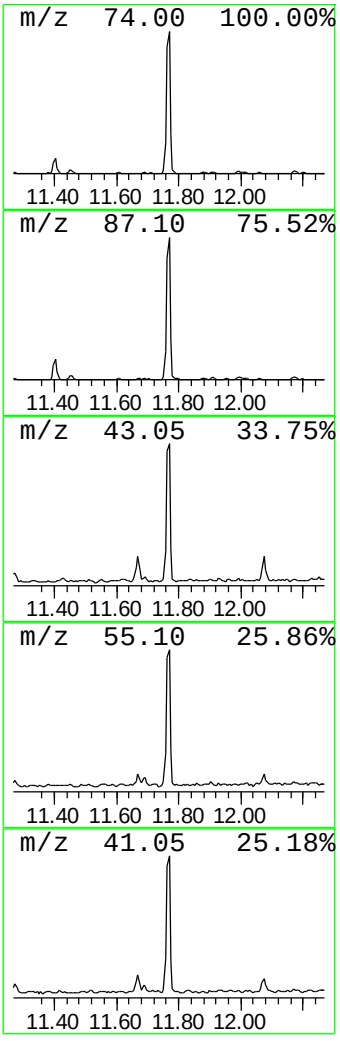
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.07 ng	992116	Phenanthrene-d10	11.38

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	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

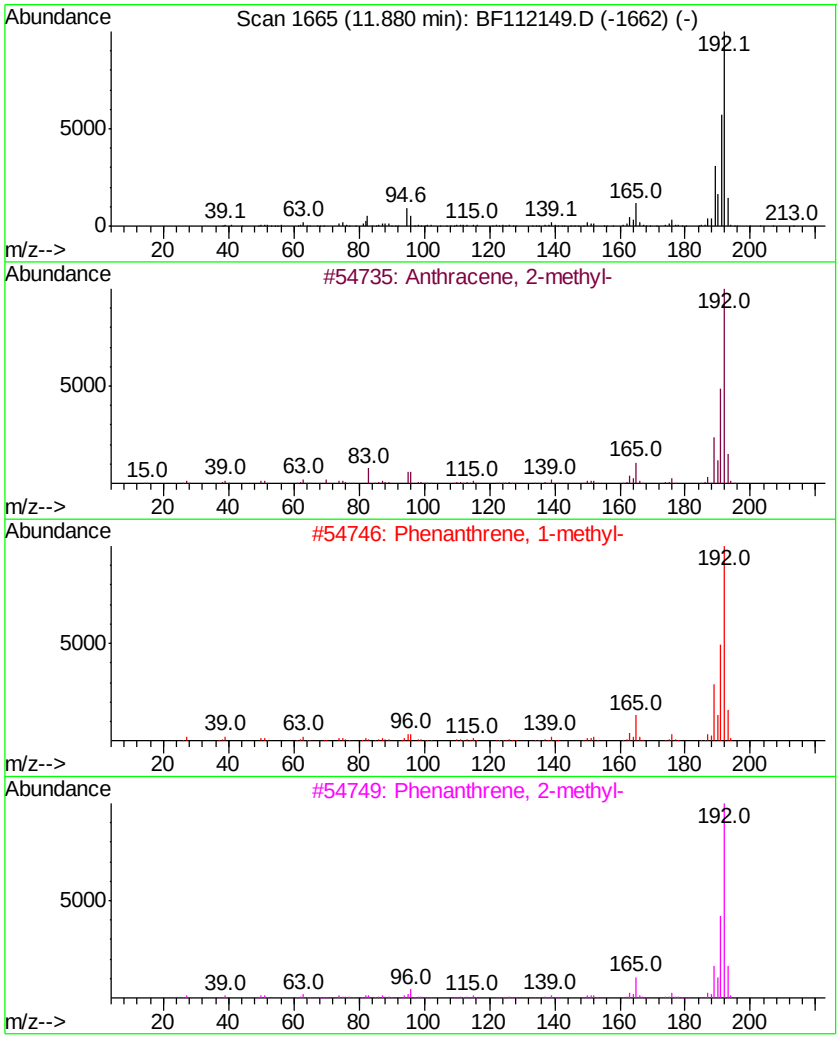
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

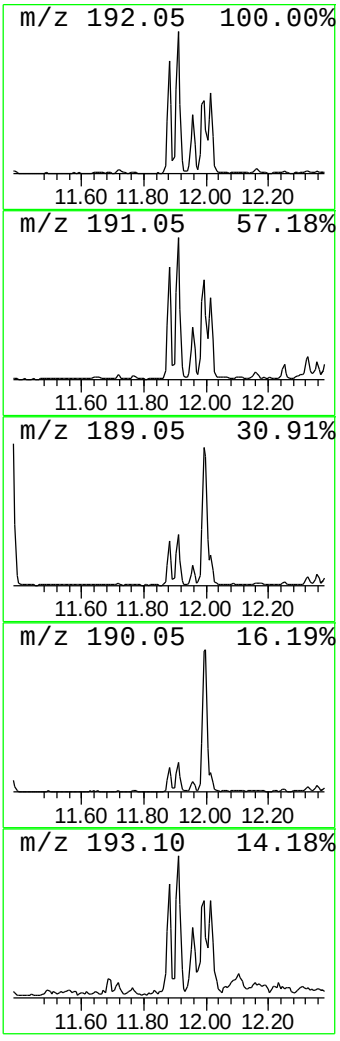
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.38 ng	302755	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

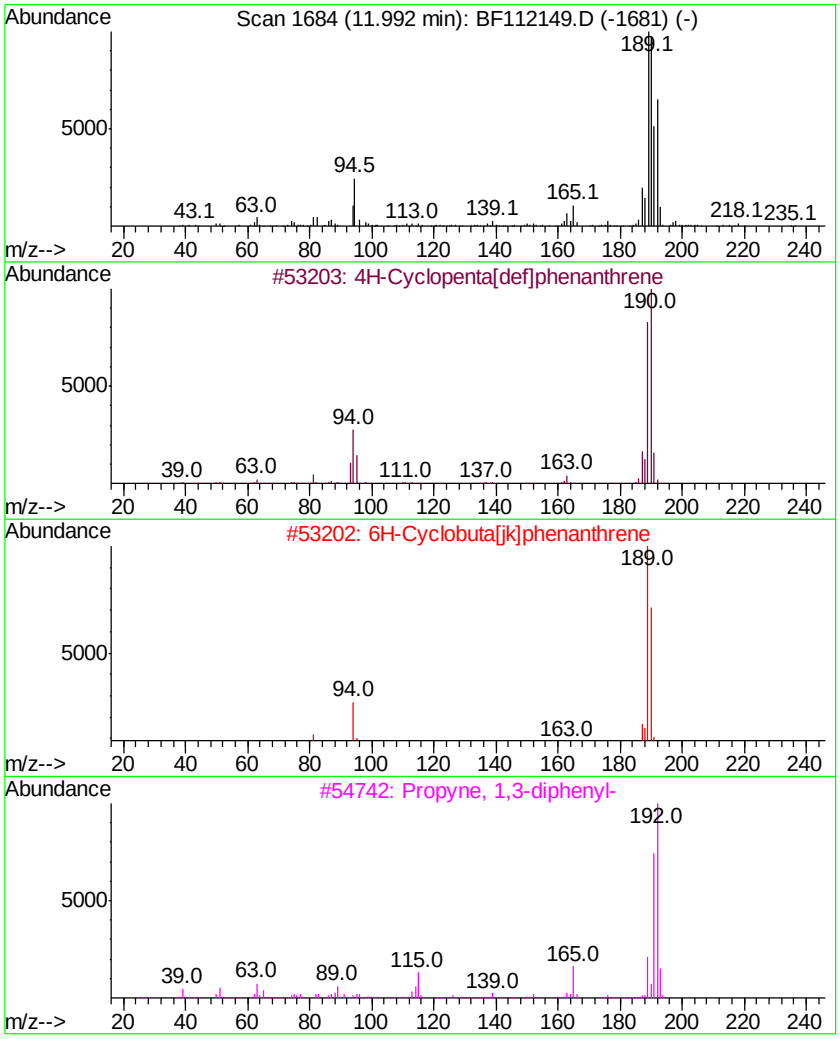
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

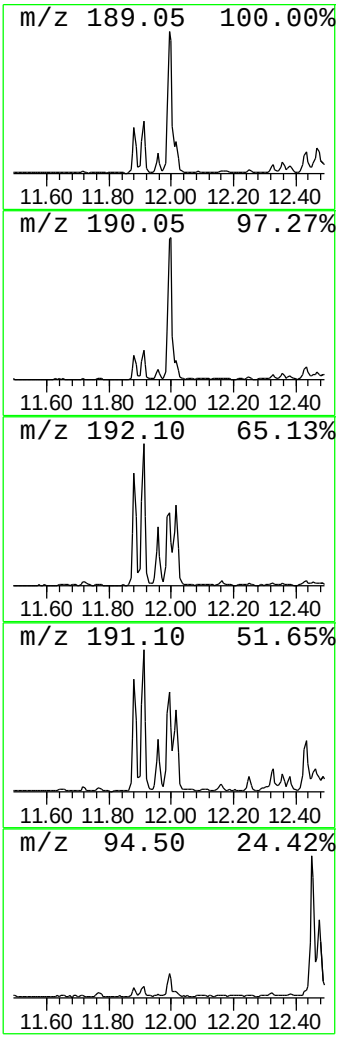
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.30 ng	565036	Phenanthrene-d10	11.38

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	53
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	18





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Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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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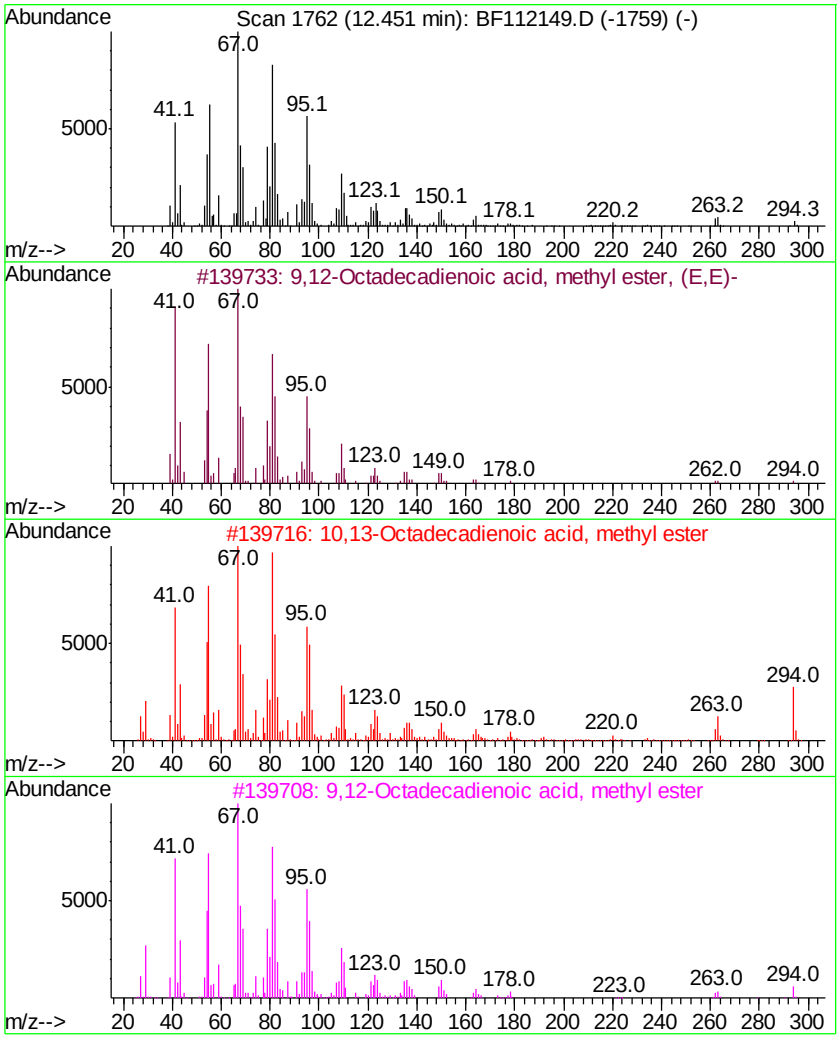
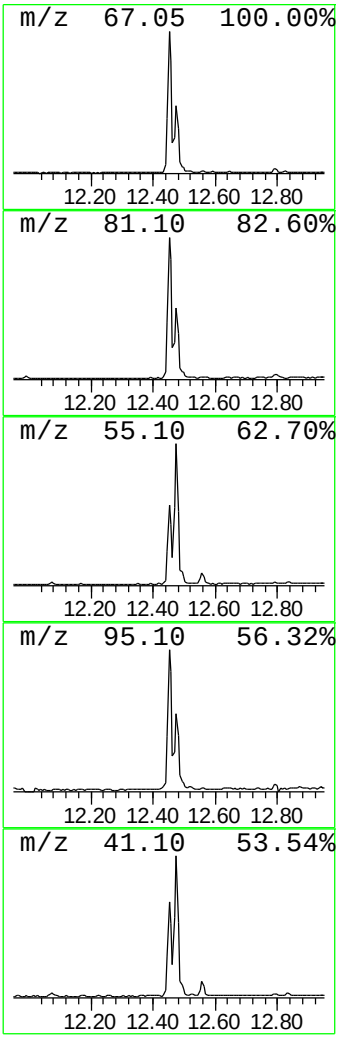
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	26.41 ng	2367860	Phenanthrene-d10	11.38

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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Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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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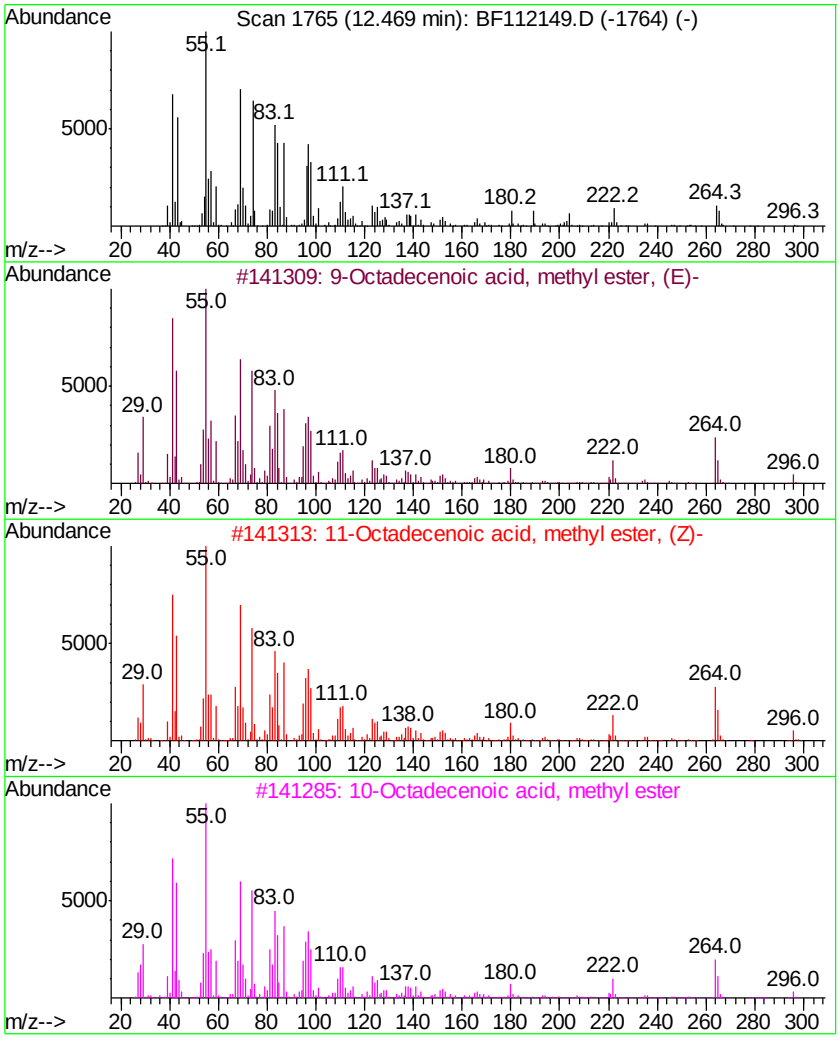
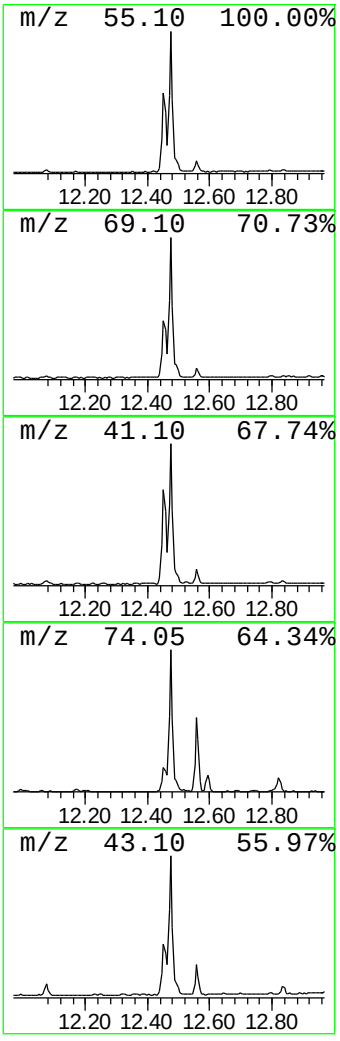
Peak Number 13 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	36.97 ng	3314130	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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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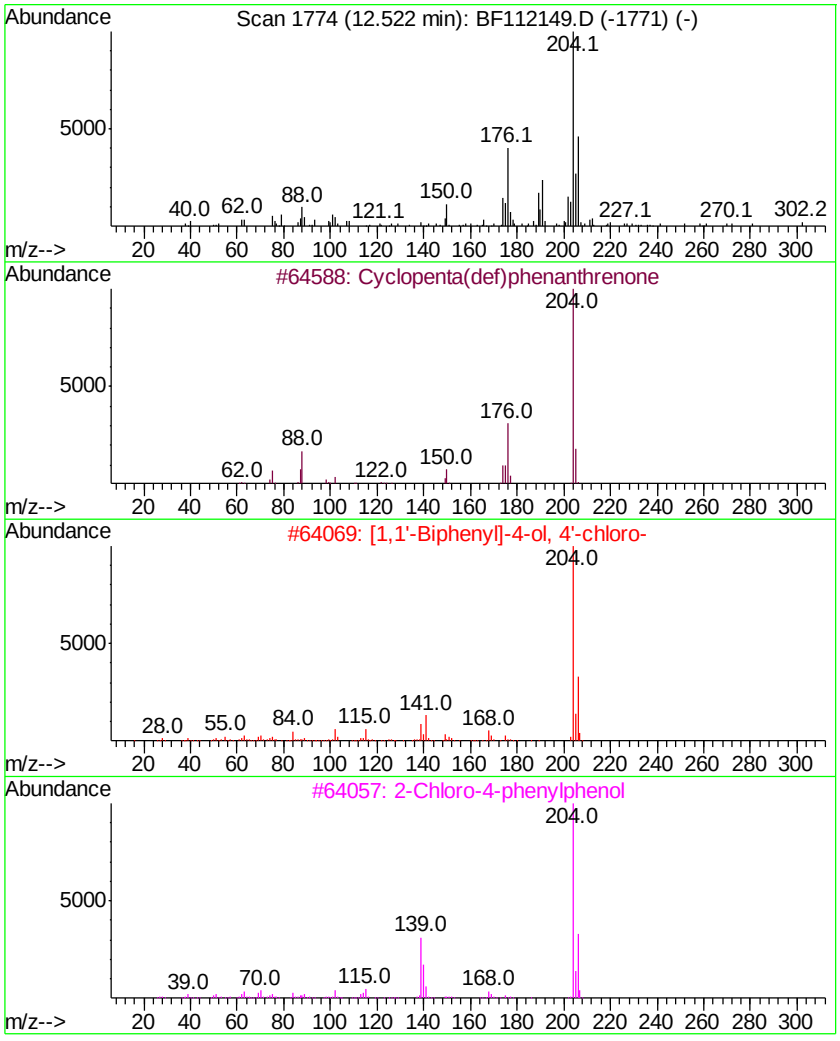
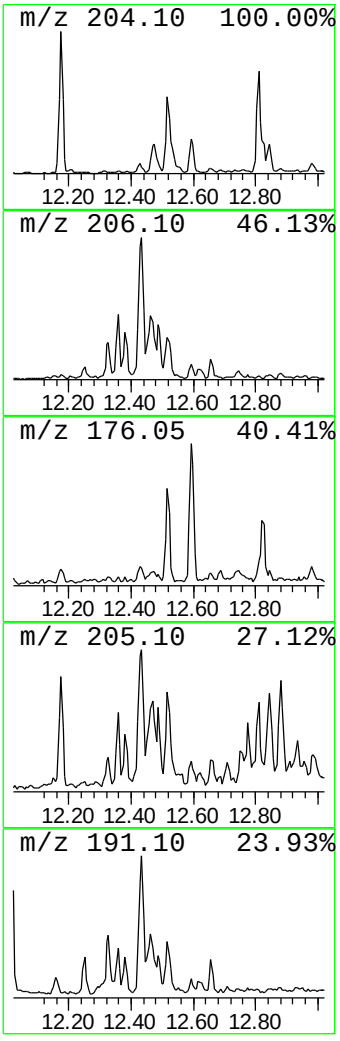
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.05 ng	183450	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38





Library Search Compound Report

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Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

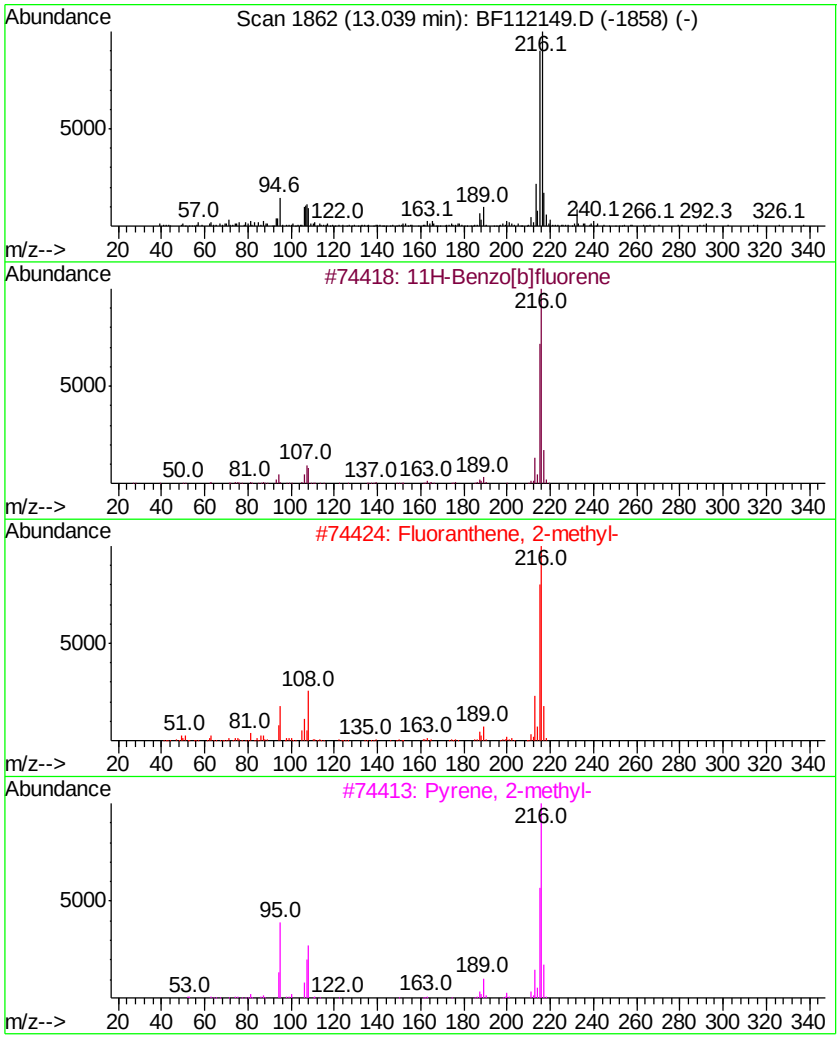
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

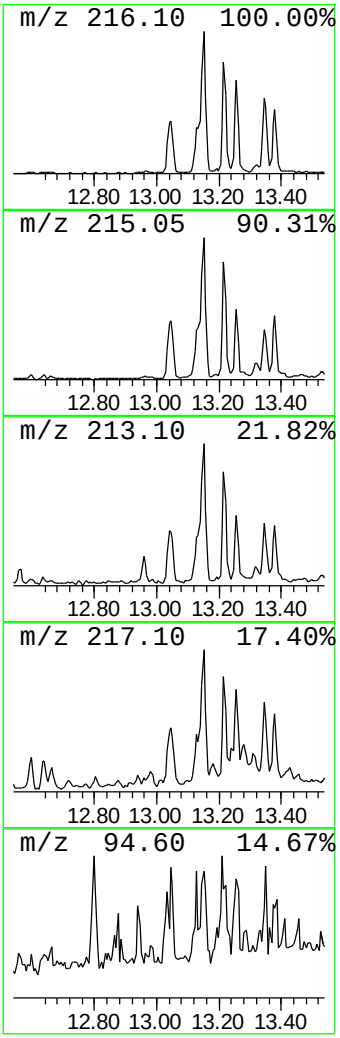
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.42 ng	341549	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-B

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

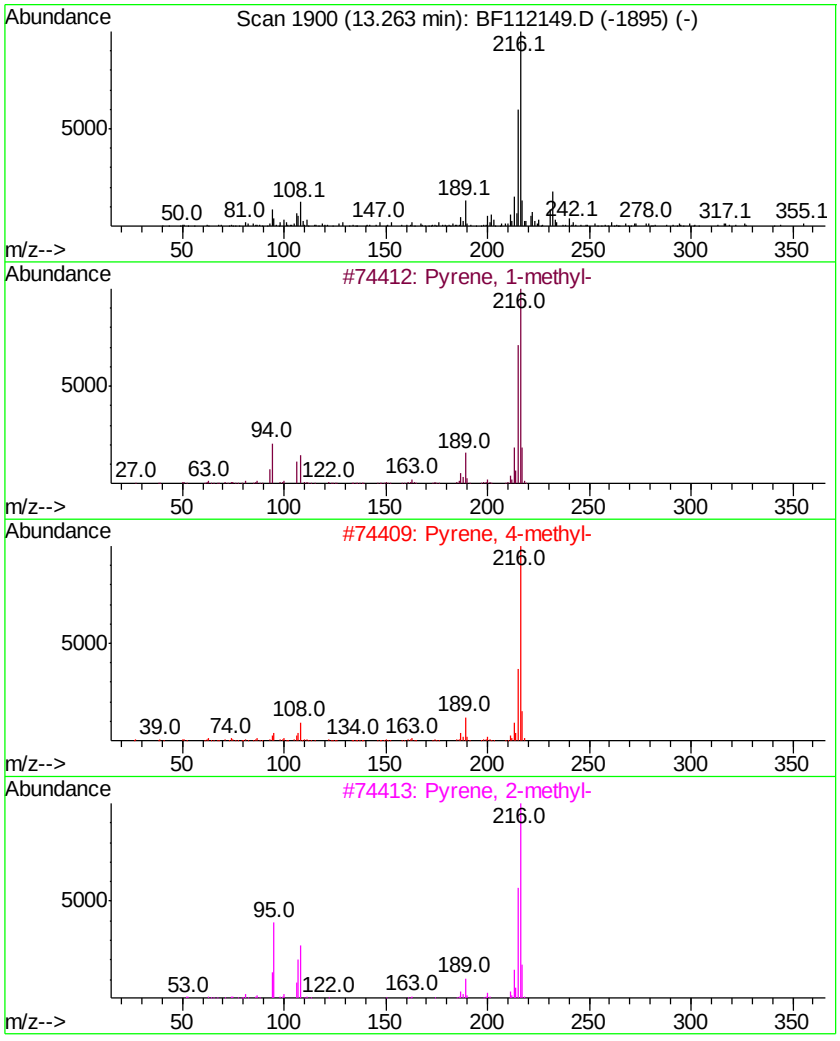
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

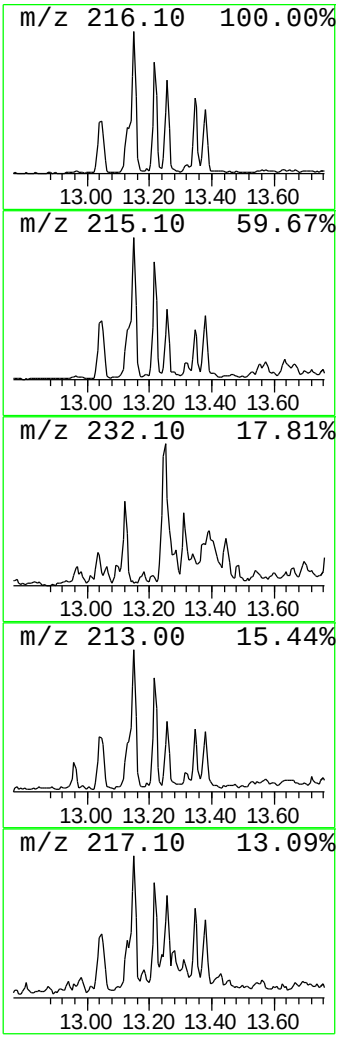
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.15 ng	302423	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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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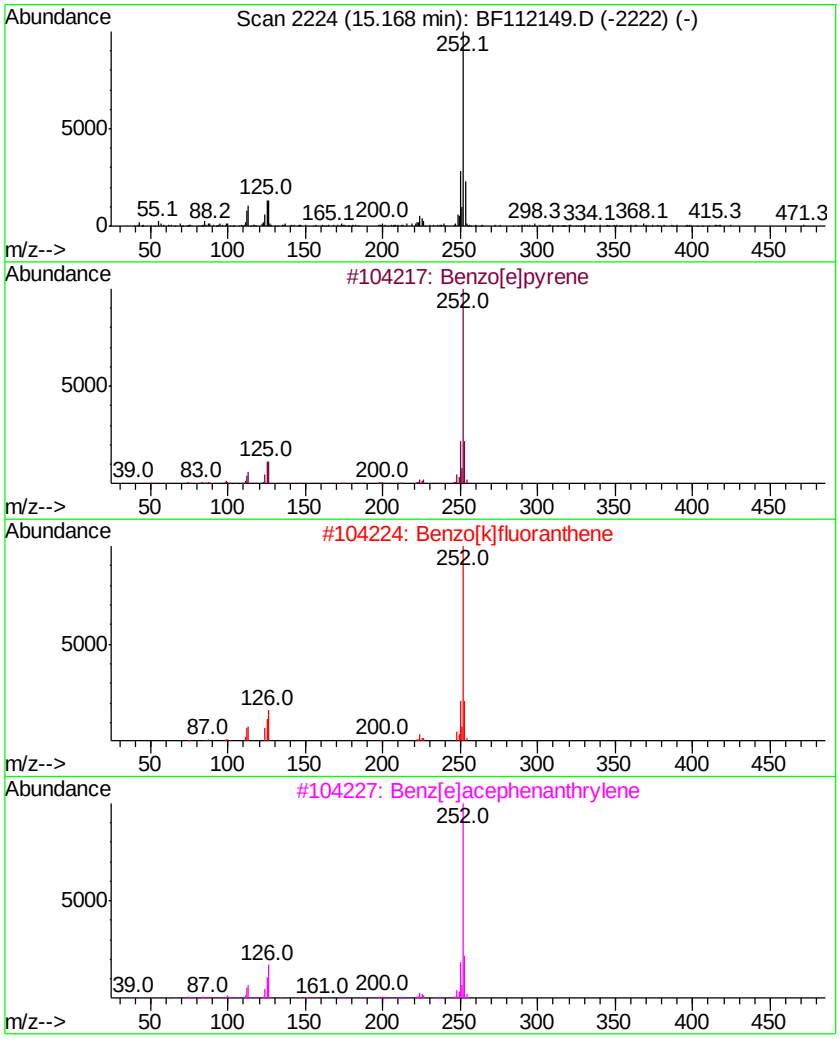
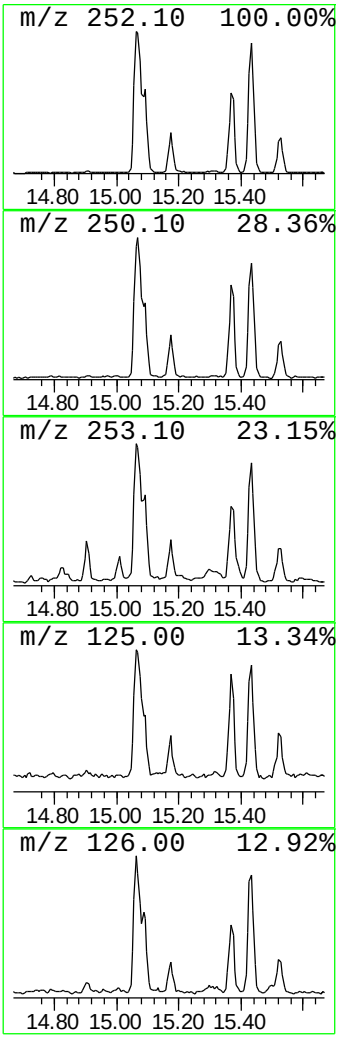
Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.90 ng	243843	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112149.D
Acq On : 19 Jan 2019 2:29
Operator : JU/SJ
Sample : K1015-11 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-011719-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
unknown6.63	6.63	14.7	ng	1023320	1	6.86	1394980	20.0
Naphthalene, 1,6-...	9.48	2.2	ng	211934	3	9.89	1904490	20.0
Naphthalene, 2,3-...	9.55	2.7	ng	255419	3	9.89	1904490	20.0
Tridecane	10.79	2.4	ng	216769	4	11.38	1792840	20.0
Hexadecanoic acid...	11.77	11.1	ng	992116	4	11.38	1792840	20.0
Anthracene, 2-met...	11.88	3.4	ng	302755	4	11.38	1792840	20.0
4H-Cyclopenta[def...	11.99	6.3	ng	565036	4	11.38	1792840	20.0
9,12-Octadecadien...	12.45	26.4	ng	2367860	4	11.38	1792840	20.0
9-Octadecenoic ac...	12.47	37.0	ng	3314130	4	11.38	1792840	20.0
Cyclopenta(def)ph...	12.52	2.0	ng	183450	4	11.38	1792840	20.0
11H-Benzo[b]fluorene	13.04	2.4	ng	341549	5	14.02	2817930	20.0
Pyrene, 1-methyl-	13.26	2.1	ng	302423	5	14.02	2817930	20.0
Benzo[e]pyrene	15.17	2.9	ng	243843	6	15.50	1683690	20.0