LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.422	563	567	571	rBV	884576	754667	5.90%	0.497%
2	6.439	733	740	749	rBV2	559334	583765	4.57%	0.385%
3	6.581	761	764	767	rVB	1782176	1499688	11.73%	0.988%
4	6.810	799	803	807	rVB	786622	645810	5.05%	0.426%
5	6.951	819	827	829	rVV	6761743	12787091	100.00%	8.426%
6	6.975	829	831	835	rVB	1909793	2111572	16.51%	1.391%
7	7.375	889	899	902	rBV	1729030	1840899	14.40%	1.213%
8	7.628	938	942	945	rBV	965358	807041	6.31%	0.532%
9	7.886	969	986	987	rBV2	605887	1624330	12.70%	1.070%
10	8.033	988	1011	1014	rVV	2043736	11066737	86.55%	7.292%
11	8.092	1018	1021	1024	rVV	1013600	861485	6.74%	0.568%
12	8.922	1158	1162	1165	rVB	1005069	766904	6.00%	0.505%
13	9.033	1174	1181	1184	rBV	453286	625916	4.89%	0.412%
14	9.169	1200	1204	1207	rBV	3078660	2946695	23.04%	1.942%
15	9.851	1314	1320	1324	rBV2	1064486	1042218	8.15%	0.687%
16	9.998	1340	1345	1349	rBV2	1233811	1317903	10.31%	0.868%
17	10.416	1413	1416	1418	rBV	1056593	1034027	8.09%	0.681%
18	10.433	1418	1419	1422	rVB	952869	623759	4.88%	0.411%
19	10.645	1451	1455	1462	rVB	994282	964070	7.54%	0.635%
20	10.757	1470	1474	1476	rVV	920460	961926	7.52%	0.634%
21	11.174	1541	1545	1547	rBV2	628667	638306	4.99%	0.421%
22	11.204	1547	1550	1552	rVV3	650884	748282	5.85%	0.493%
23	11.339	1565	1573	1576	rVV2	1924459	2557289	20.00%	1.685%
24	11.439	1587	1590	1592	rBV	805019	711086	5.56%	0.469%
25	11.616	1616	1620	1624	rVV3	1409939	2169136	16.96%	1.429%
26	11.845	1654	1659	1662	rBV2	1470859	1725913	13.50%	1.137%
27	11.874	1662	1664	1667	rVV	1347901	1049401	8.21%	0.691%
28	11.927	1671	1673	1679	rVB	1252390	1016615	7.95%	0.670%
29	12.027	1687	1690	1694	rBV	1444436	1173363	9.18%	0.773%
30	12.116	1702	1705	1709	rBV	1147047	1007951	7.88%	0.664%
31	12.227	1716	1724	1725	rBV	635453	860108	6.73%	0.567%
32	12.310	1734	1738	1742	rBV3	922384	1223835	9.57%	0.806%
33	12.421	1751	1757	1760	rBV2	1078916	1588958	12.43%	1.047%
34	12.504	1767	1771	1772	rBV	1123239	1169458	9.15%	0.771%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.521	1772	1774	1779	rVB	1152513	1066180	8.34%	0.703%
36	12.574	1779	1783	1787	rBV	1039445	998840	7.81%	0.658%
37	12.674	1796	1800	1802	rVV2	1313259	1711409	13.38%	1.128%
38	12.698	1802	1804	1810	rVV2	1579313	1754434	13.72%	1.156%
39	12.763	1812	1815	1820	rVB	1049774	890167	6.96%	0.587%
40	12.857	1826	1831	1833	rBV	2063200	2447639	19.14%	1.613%
41	12.886	1833	1836	1839	rVV	1993932	1711067	13.38%	1.127%
42	12.933	1839	1844	1847	rVV2	2573535	2964237	23.18%	1.953%
43	13.039	1857	1862	1873	rVB	1726787	1731462	13.54%	1.141%
44	13.127	1873	1877	1880	rBV	1870911	1712670	13.39%	1.129%
45	13.192	1884	1888	1889	rVV	838102	794185	6.21%	0.523%
46	13.204	1889	1890	1893	rVV	834224	740339	5.79%	0.488%
47	13.239	1893	1896	1899	rVB	831546	796595	6.23%	0.525%
48	13.292	1901	1905	1907	rBV	835702	766879	6.00%	0.505%
49	13.321	1907	1910	1914	rVV2	1217966	1454877	11.38%	0.959%
50	13.368	1914	1918	1919	rVV2	516807	773871	6.05%	0.510%
51	13.392	1919	1922	1925	rVV2	1173404	1550785	12.13%	1.022%
52	13.451	1925	1932	1935	rVV2	3662904	6555891	51.27%	4.320%
53	13.474	1935	1936	1940	rVV	1596895	1333872	10.43%	0.879%
54	13.527	1940	1945	1948	rVV	1147149	1184217	9.26%	0.780%
55	13.574	1948	1953	1957	rVV3	578076	1373464	10.74%	0.905%
56	13.621	1958	1961	1965	rVV	1324299	1697396	13.27%	1.118%
57	13.657	1965	1967	1972	rVB	1236747	1099534	8.60%	0.725%
58	13.704	1972	1975	1980	rVB	1146402	986472	7.71%	0.650%
59	13.768	1981	1986	1989	rBV	1948063	2503840	19.58%	1.650%
60	13.798	1989	1991	1994	rVV	1722215	1700134	13.30%	1.120%
61	13.851	1997	2000	2004	rVB	1741578	1535215	12.01%	1.012%
62	13.945	2012	2016	2019	rBV	1661459	1539335	12.04%	1.014%
63	13.986	2019	2023	2027	rVB	643819	698795	5.46%	0.460%
64	14.027	2027	2030	2034	rBV	1572172	1544565	12.08%	1.018%
65	14.068	2034	2037	2038	rVV	805280	904767	7.08%	0.596%
66	14.110	2041	2044	2046	rVV	778589	694350	5.43%	0.458%
67	14.162	2050	2053	2056	rBV	752179	754677	5.90%	0.497%
68	14.215	2056	2062	2067	rVV3	1205365	2282963	17.85%	1.504%
69	14.257	2067	2069	2076	rVV	962494	1182093	9.24%	0.779%
70	14.321	2076	2080	2081	rVV	1007939	1069676	8.37%	0.705%
71	14.345	2081	2084	2088	rVV	1439272	1613423	12.62%	1.063%

LSC Area Percent Report

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Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.386	2088	2091	2094	rVV2	1675526	2023554	15.82%	1.333%
73	14.415	2094	2096	2098	rVV	571078	589359	4.61%	0.388%
74	14.445	2098	2101	2104	rVV	800260	1094527	8.56%	0.721%
75	14.480	2104	2107	2111	rVV	1265614	1261841	9.87%	0.831%
76	14.521	2111	2114	2118	rVV	1016216	898174	7.02%	0.592%
77	14.557	2118	2120	2124	rVV	866938	830019	6.49%	0.547%
78	14.604	2124	2128	2131	rVV	1758774	2259069	17.67%	1.489%
79	14.633	2131	2133	2137	rVV	1608703	1447692	11.32%	0.954%
80	14.686	2138	2142	2148	rVB	1419449	1442505	11.28%	0.951%
81	14.786	2155	2159	2163	rBV	1268513	1327351	10.38%	0.875%
82	14.874	2170	2174	2178	rBV	1265578	1941046	15.18%	1.279%
83	15.004	2190	2196	2199	rBV	540729	754413	5.90%	0.497%
84	15.074	2204	2208	2212	rVV	947675	1149451	8.99%	0.757%
85	15.115	2212	2215	2220	rVB	504839	660739	5.17%	0.435%
86	15.180	2222	2226	2228	rBV	618905	753166	5.89%	0.496%
87	15.209	2228	2231	2237	rVB	532513	887569	6.94%	0.585%
88	15.268	2237	2241	2244	rBV	499389	612547	4.79%	0.404%
89	15.345	2249	2254	2257	rVV	468160	832604	6.51%	0.549%
90	15.386	2257	2261	2268	rVB	585508	902955	7.06%	0.595%
91	15.457	2268	2273	2276	rBV	859408	1095616	8.57%	0.722%
92	15.498	2276	2280	2283	rVV	495807	707988	5.54%	0.467%
93	15.539	2283	2287	2291	rVV	905205	1532040	11.98%	1.010%
94	15.580	2291	2294	2299	rVV	805248	1078745	8.44%	0.711%
95	15.656	2302	2307	2318	rVB	720466	1069933	8.37%	0.705%
96	15.798	2327	2331	2337	rVB	572487	842608	6.59%	0.555%
97	15.933	2349	2354	2363	rBV	770530	1650385	12.91%	1.088%
98	16.886	2504	2516	2522	rVV	761212	2029710	15.87%	1.337%
99	17.068	2541	2547	2558	rVB	273027	650365	5.09%	0.429%
100	17.503	2612	2621	2631	rBV2	263088	805510	6.30%	0.531%

Sum of corrected areas: 151758000

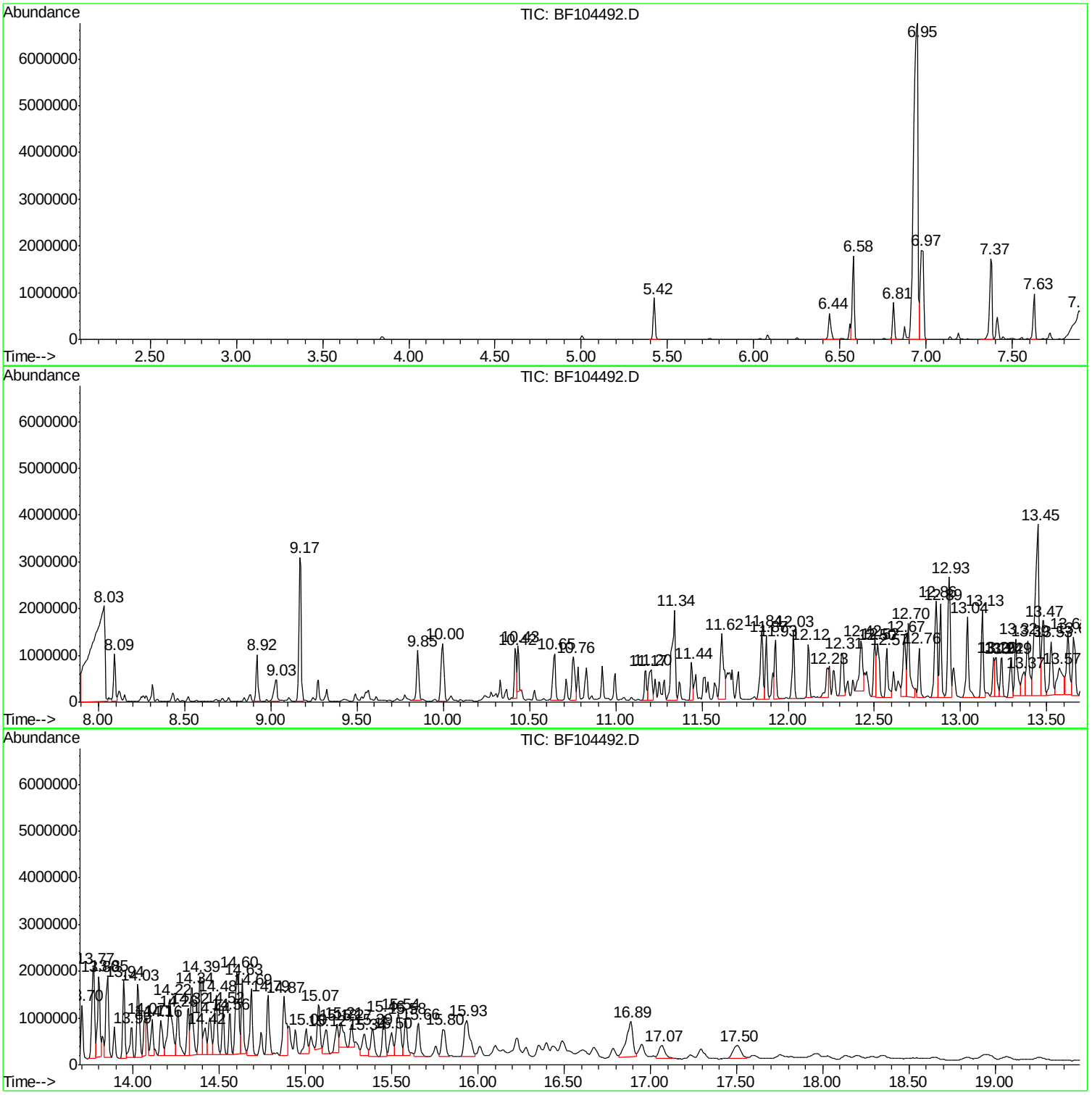
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

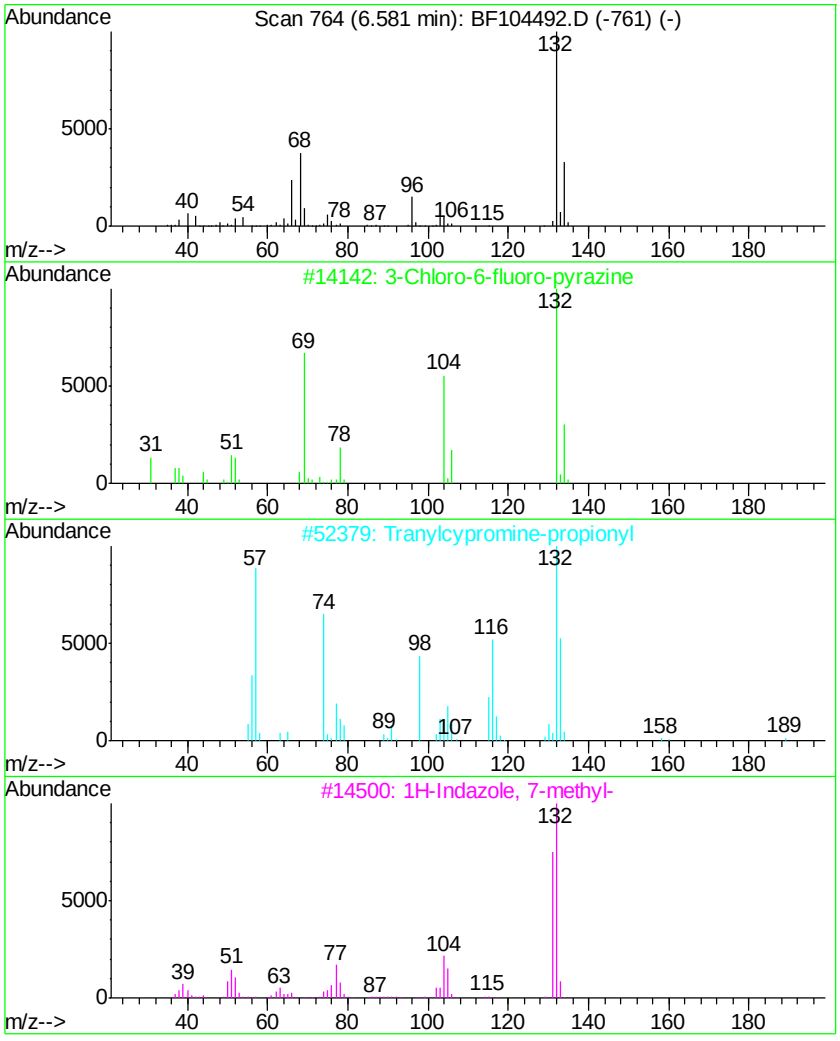
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

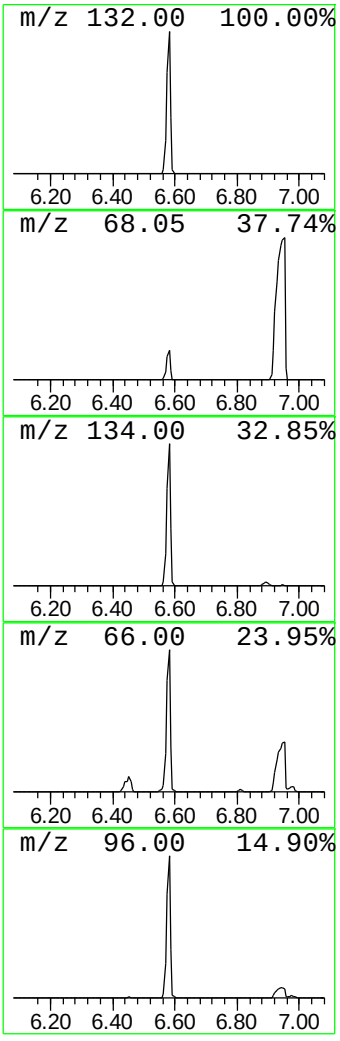
****

Peak Number 1 unknown6.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	46.44 ng	1499690	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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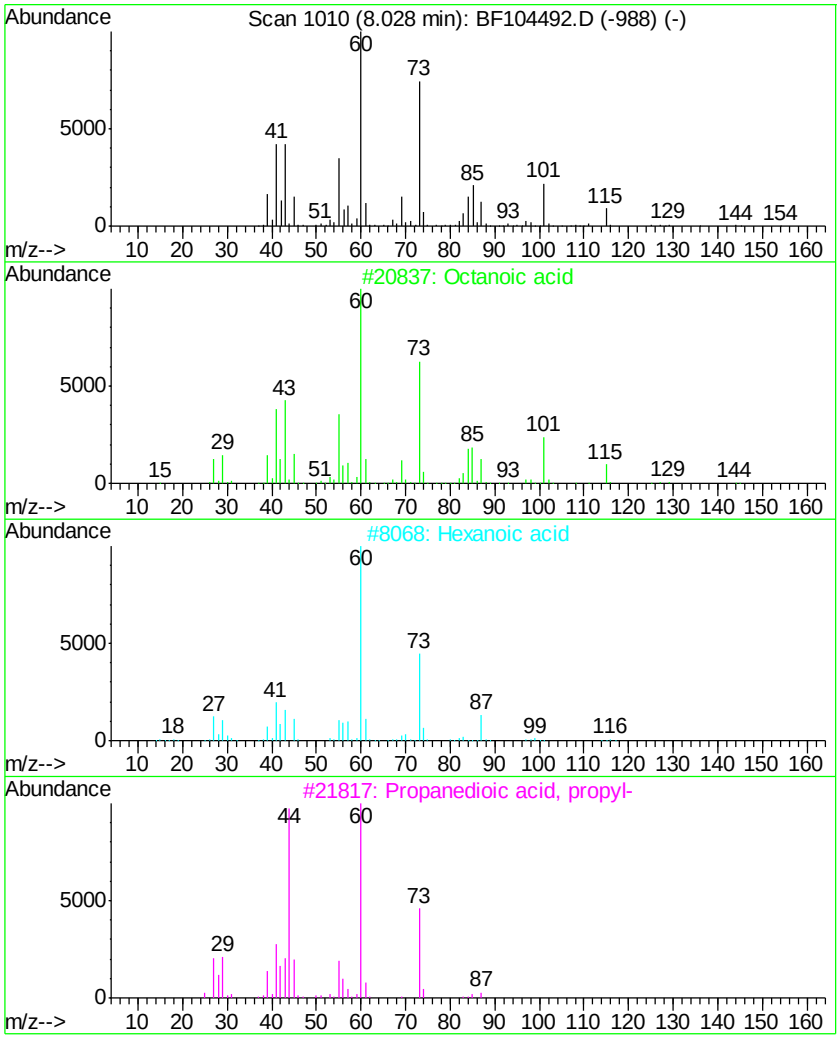
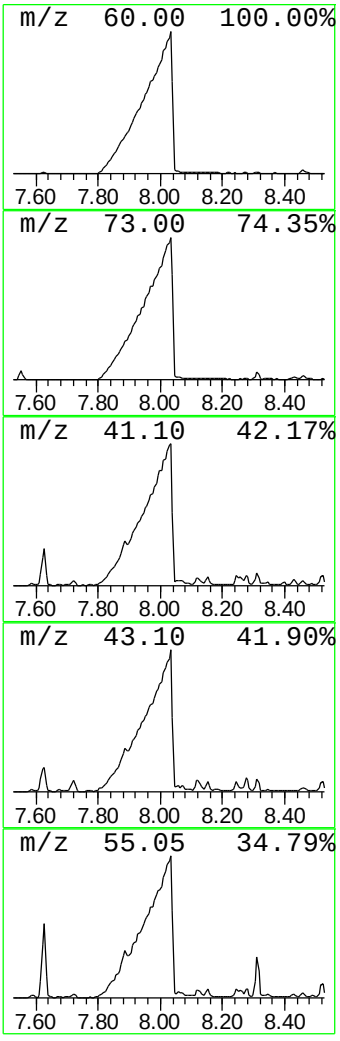
Peak Number 2 Octanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	256.92 ng	11066700	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	96
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
4	Pentanoic acid	102	C5H10O2	000109-52-4	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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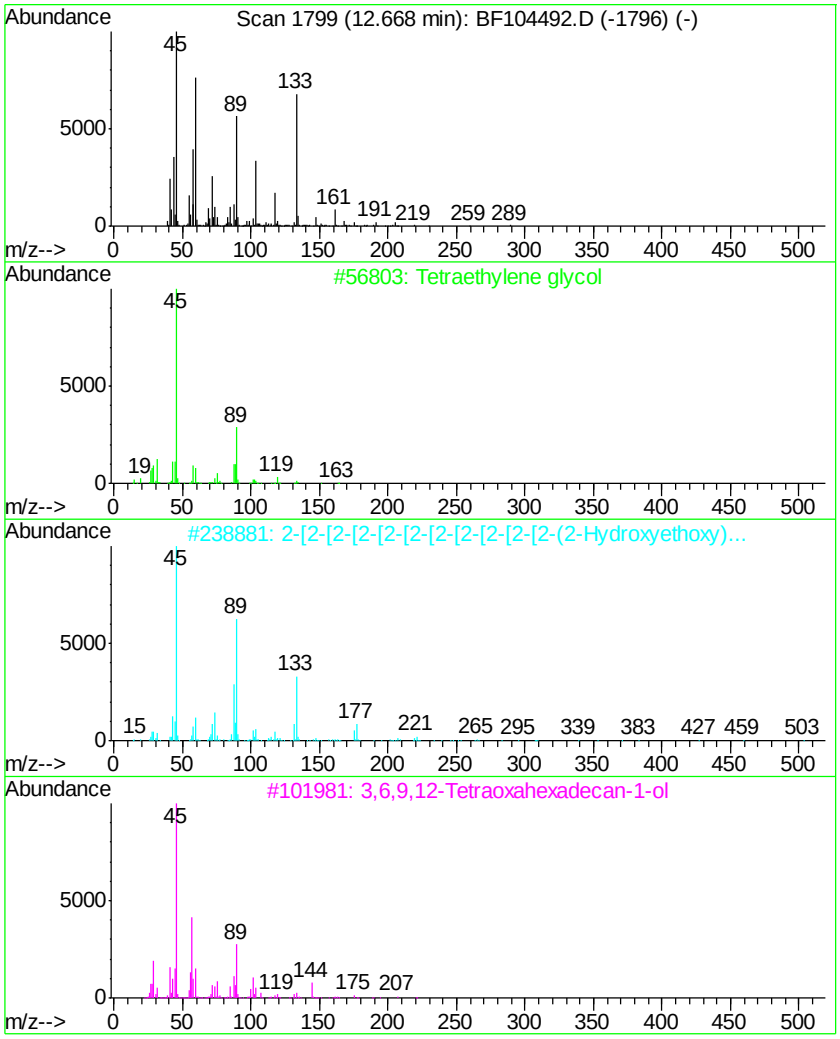
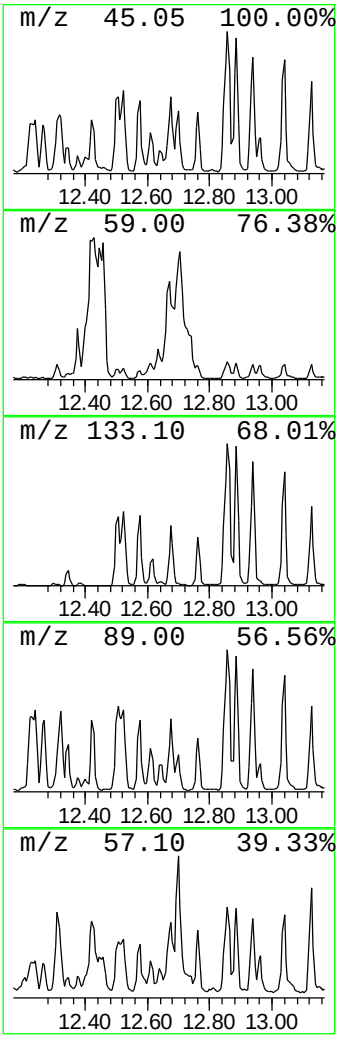
Peak Number 3 unknown12.67 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	48.98 ng	1711410	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraethylene glycol	194	C8H18O5	000112-60-7	38
2	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	38
3	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	25
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	25
5	4-Ethylbenzoyl chloride	168	C9H9ClO	016331-45-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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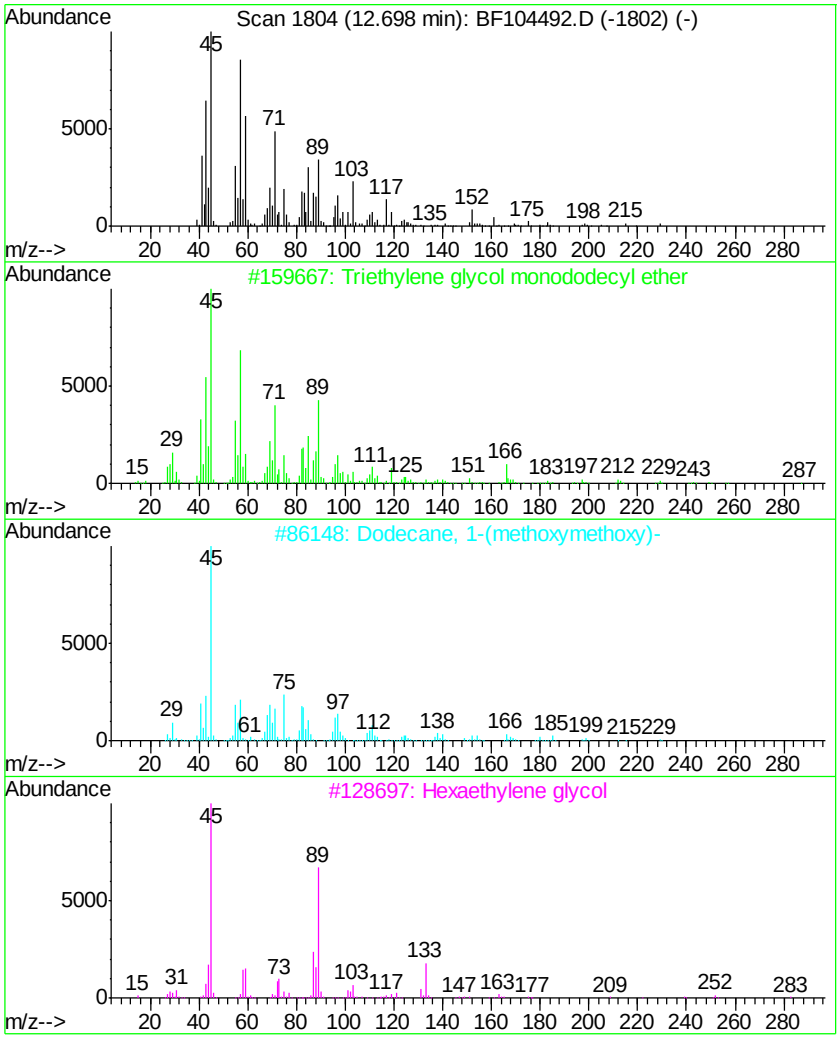
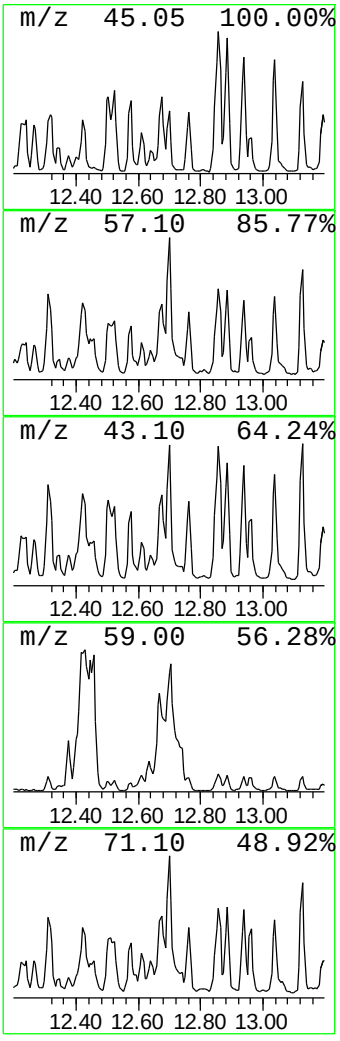
Peak Number 4 Triethylene glycol monodode... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	50.21 ng	1754430	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	58
2	Dodecane, 1-(methoxymethoxy)-	230	C14H30O2	034458-41-8	38
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	35
4	Tetradecane	198	C14H30	000629-59-4	25
5	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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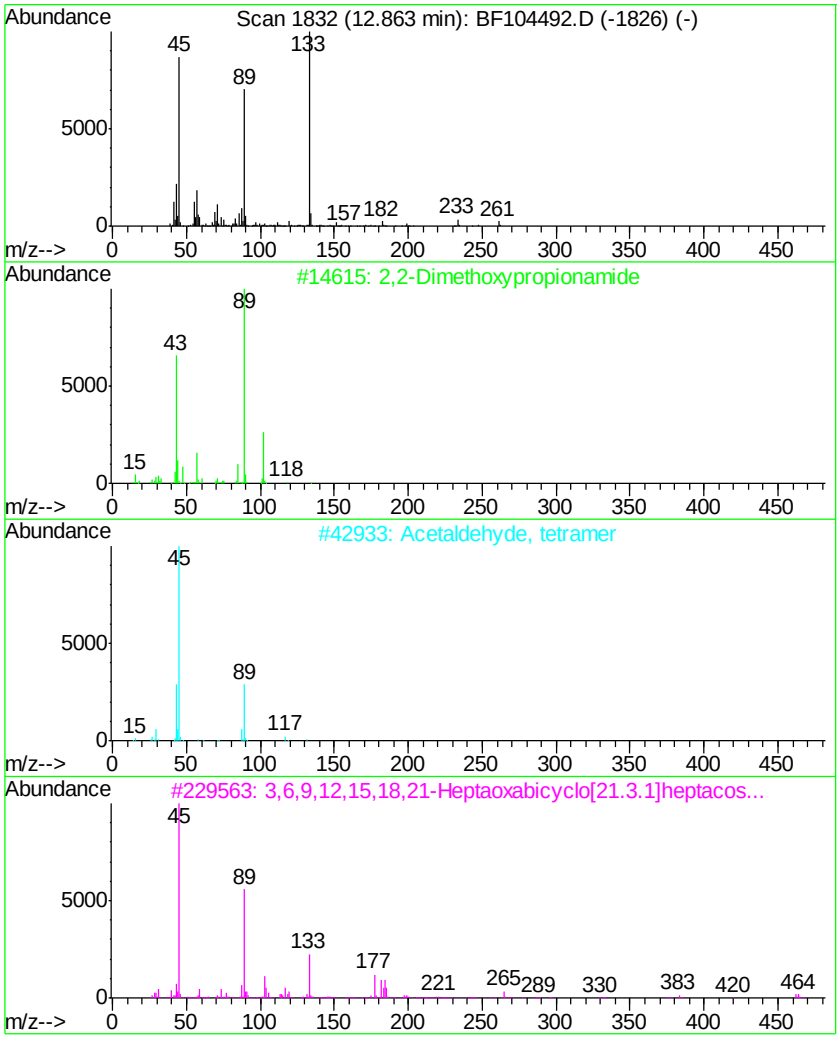
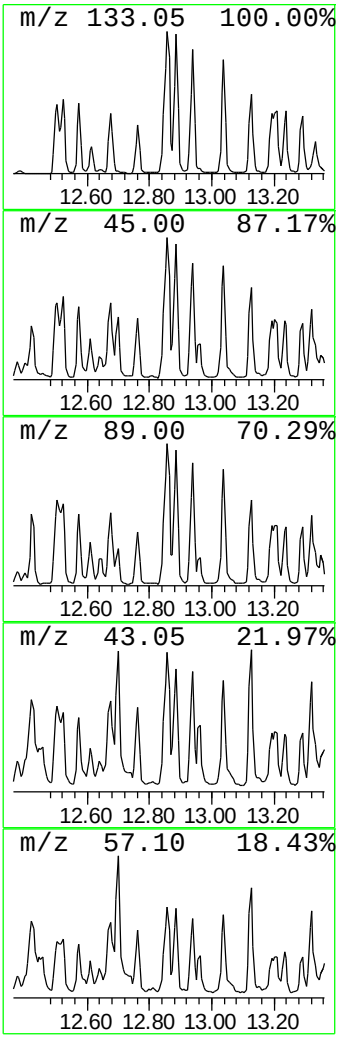
Peak Number 5 2,2-Dimethoxypropionamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	70.05 ng	2447640	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxypropionamide	133	C5H11NO3	1000237-69-7	50
2	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	50
3	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	50
4	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	50
5	Methyl 2-(methylthio)butyrate	148	C6H12O2S	051534-66-8	50





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Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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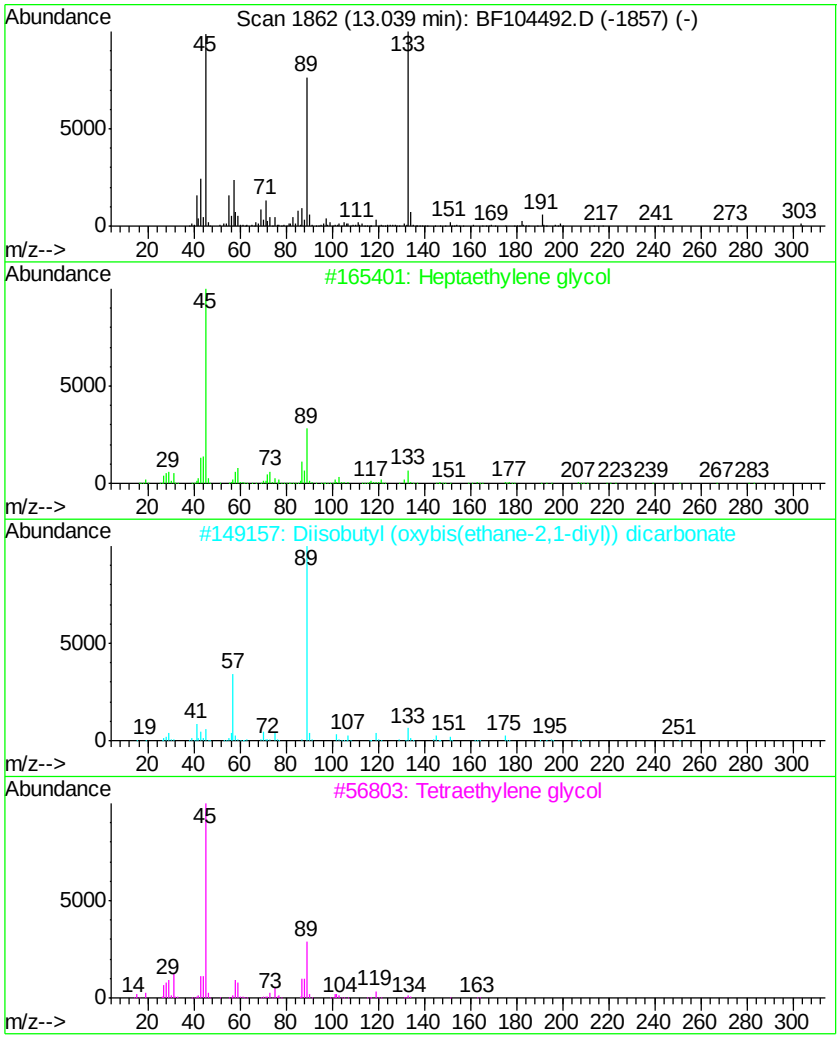
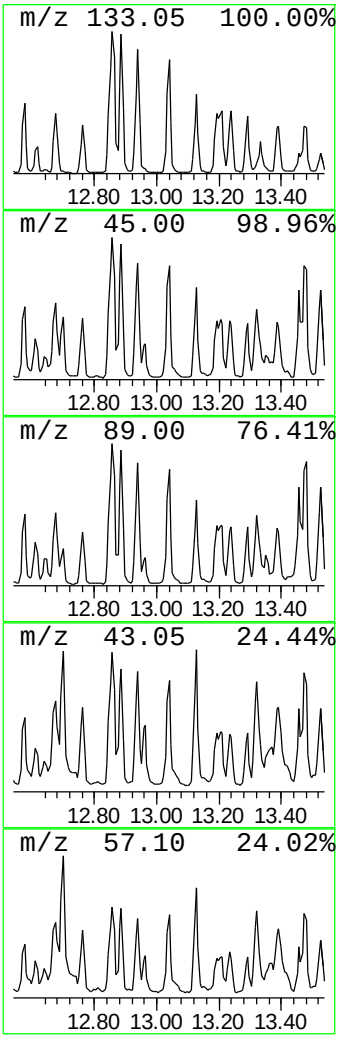
Peak Number 6 Heptaethylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	49.56 ng	1731460	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
2	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	53
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	50
4	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	50
5	tert-Butyl-(2-methoxyethoxy)dime...	190	C9H22O2Si	1000352-09-4	50





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Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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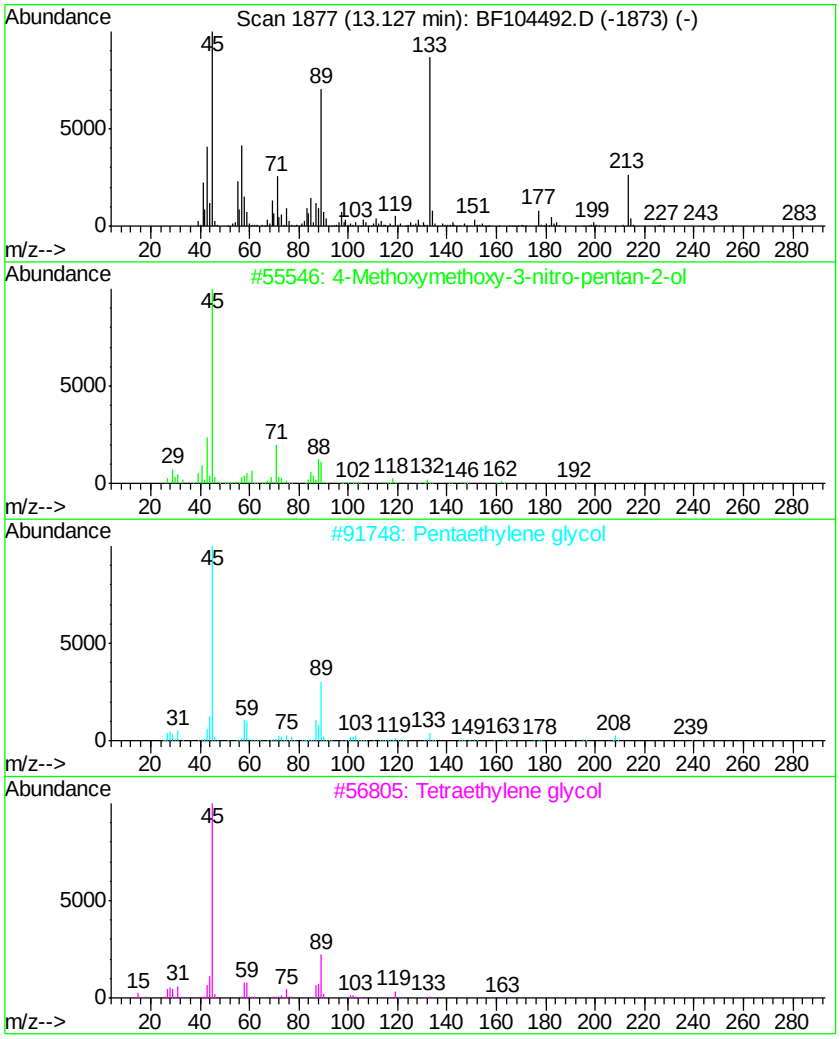
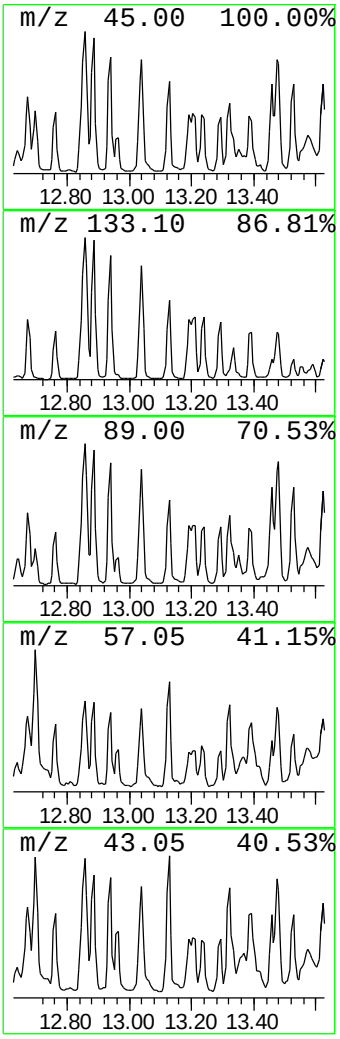
Peak Number 7 unknown13.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	49.02 ng	1712670	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxymethoxy-3-nitro-pentan-...	193	C7H15NO5	1000187-51-5	35
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	35
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	27
4	2,4-Monoethylidene-l-xylitol	178	C7H14O5	1000129-04-4	22
5	2-Tetradecanol	214	C14H30O	004706-81-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
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Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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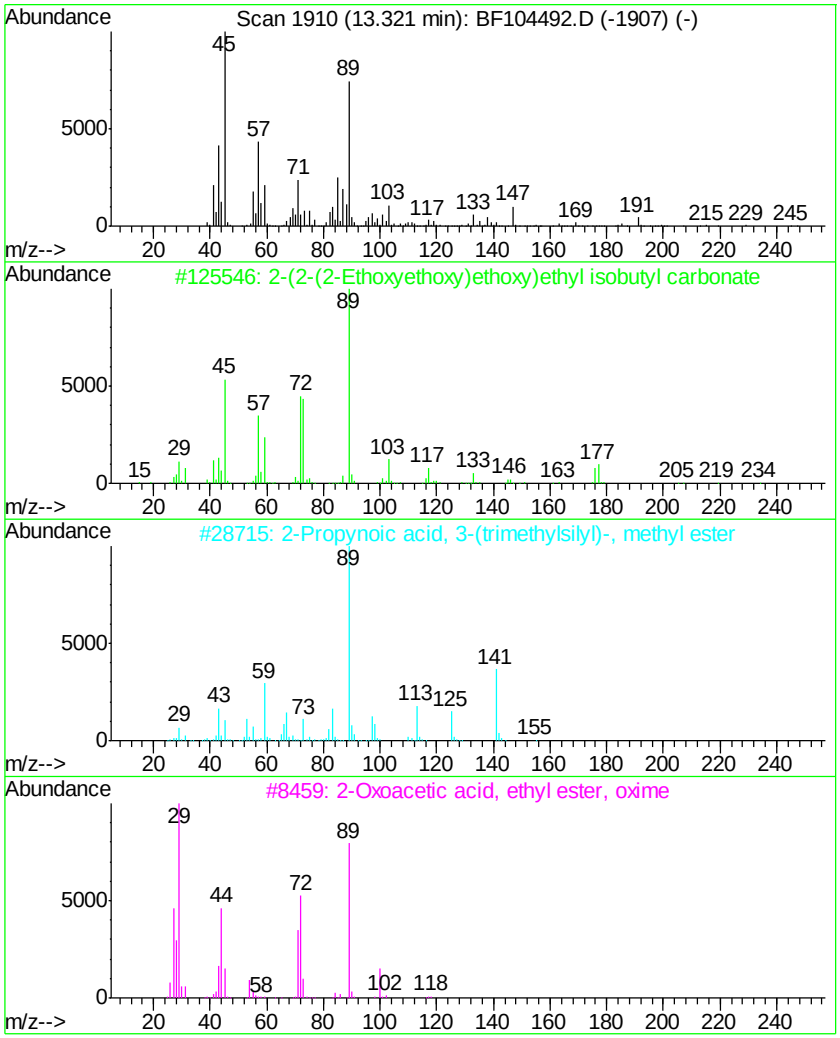
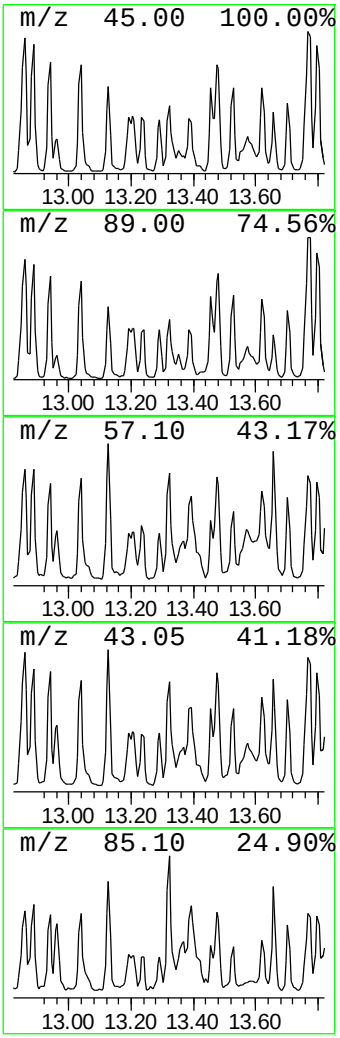
Peak Number 8 2-(2-(2-Ethoxyethoxy)ethoxy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	41.64 ng	1454880	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-Ethoxyethoxy)ethoxy)ethy...	278	C13H26O6	1000378-28-7	64
2	2-Propynoic acid, 3-(trimethylsi...	156	C7H12O2Si	042201-71-8	50
3	2-Oxoacetic acid, ethyl ester, o...	117	C4H7NO3	1000196-27-4	50
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	18
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	14





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Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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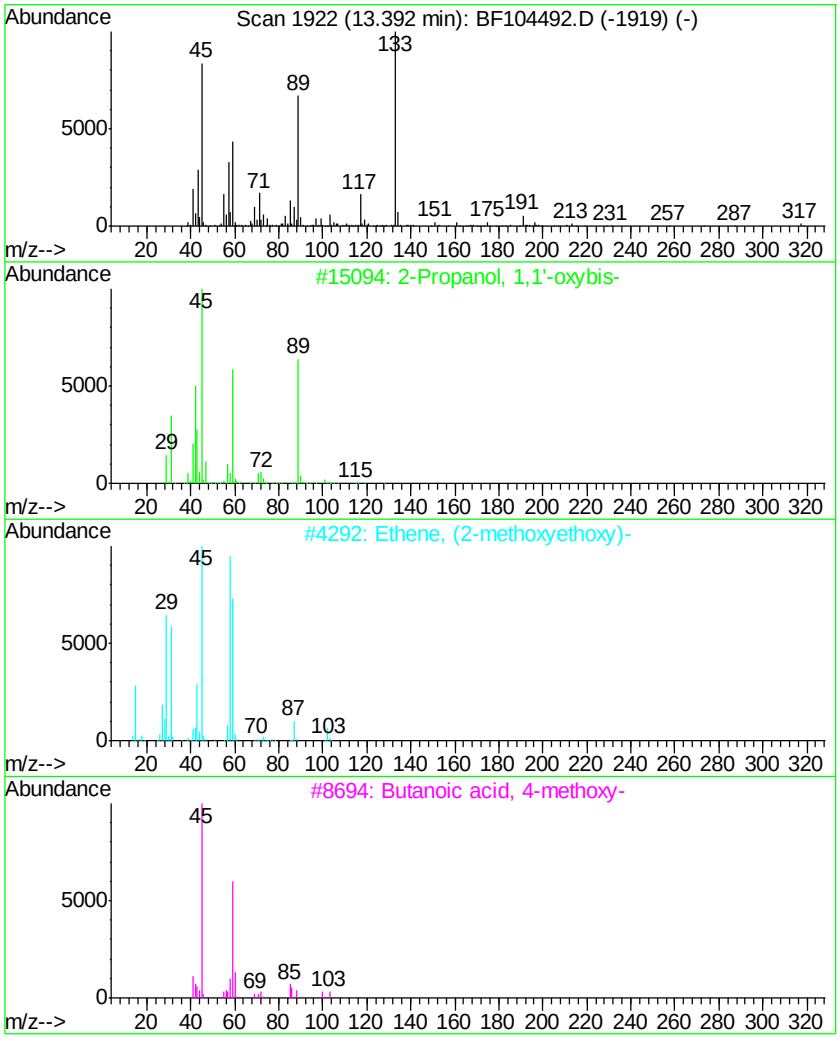
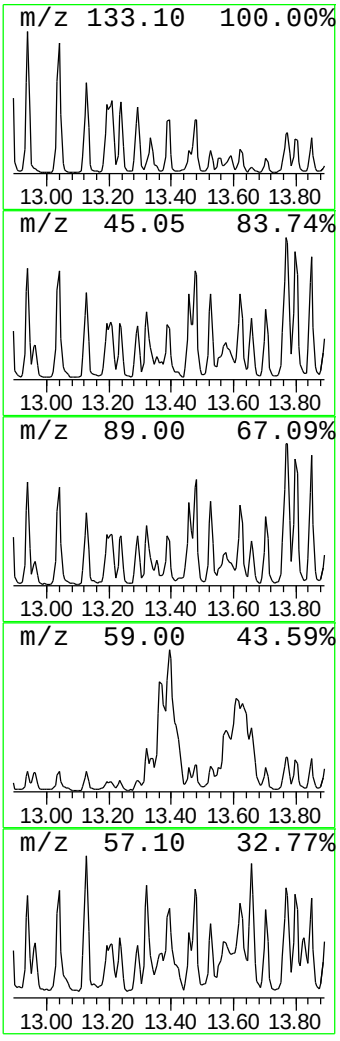
Peak Number 9 unknown13.39 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	44.38 ng	1550790	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	37
2	Ethene, (2-methoxyethoxy)-	102	C5H10O2	001663-35-0	35
3	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	25
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	25
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	16





Library Search Compound Report

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Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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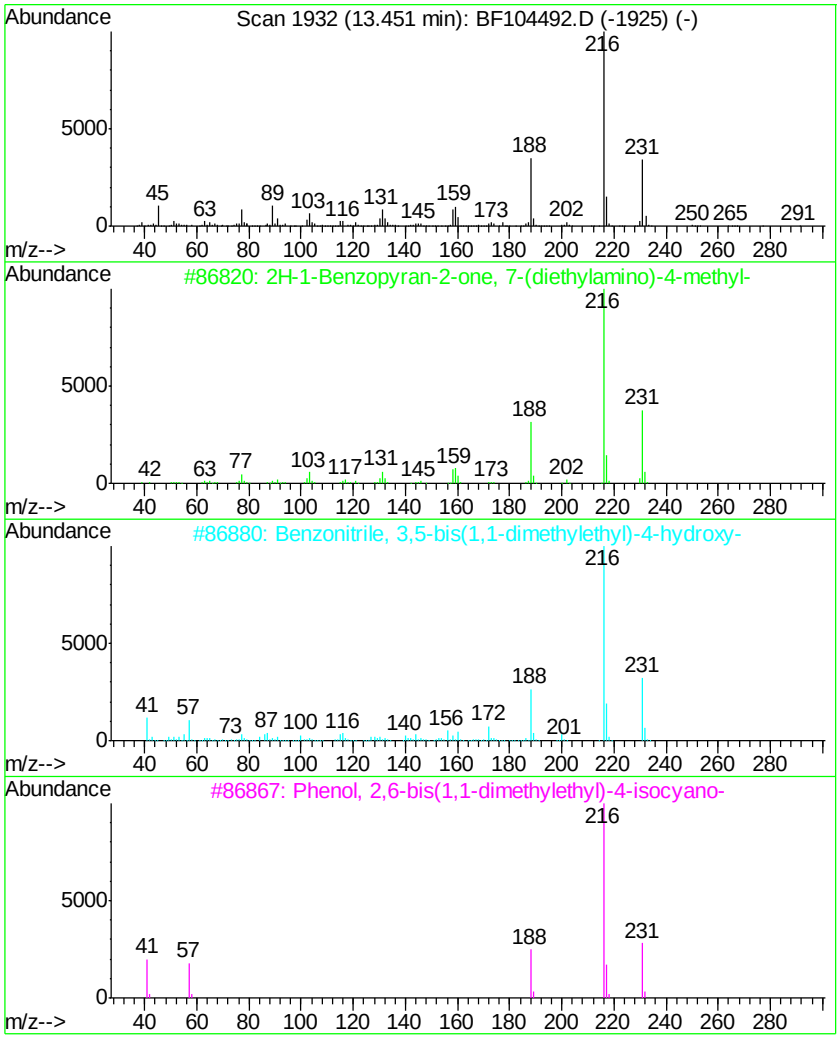
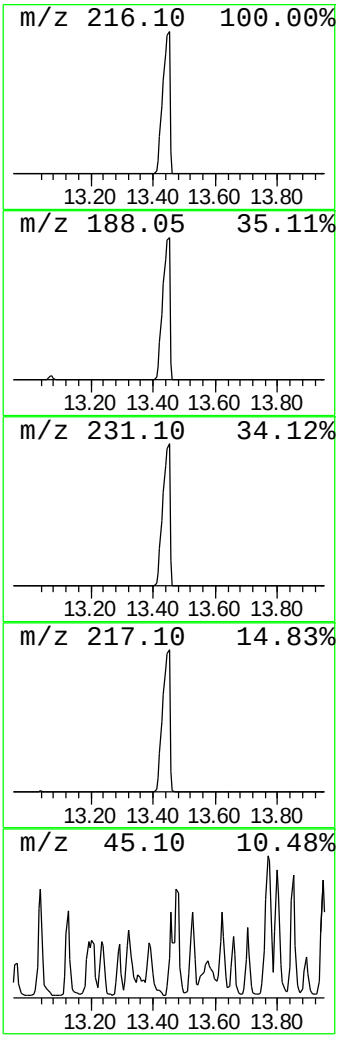
Peak Number 10 2H-1-Benzopyran-2-one, 7-(d... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	187.63 ng	6555890	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-(diethy...	231	C14H17NO2	000091-44-1	98
2	Benzonitrile, 3,5-bis(1,1-dimeth...	231	C15H21NO	001988-88-1	83
3	Phenol, 2,6-bis(1,1-dimethylethy...	231	C15H21NO	020600-84-4	72
4	2-Amino-6-(1,1-ethylenedioxyethy...	231	C12H13N3O2	089169-94-8	64
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
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Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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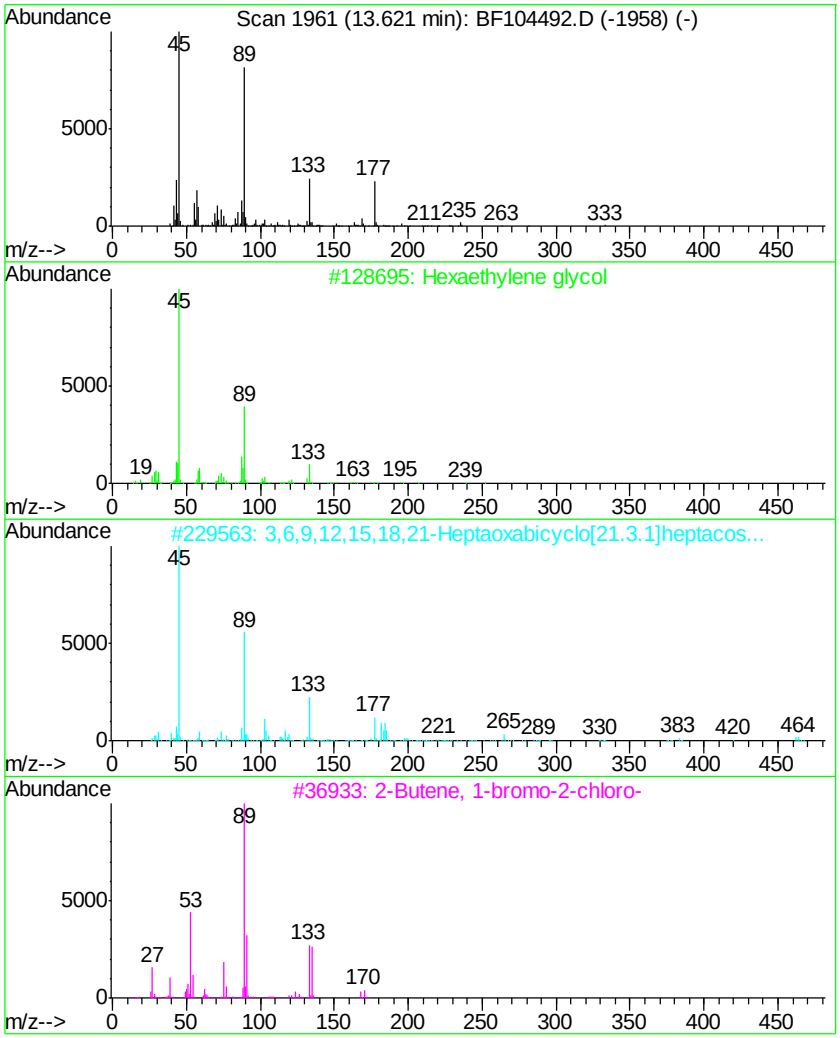
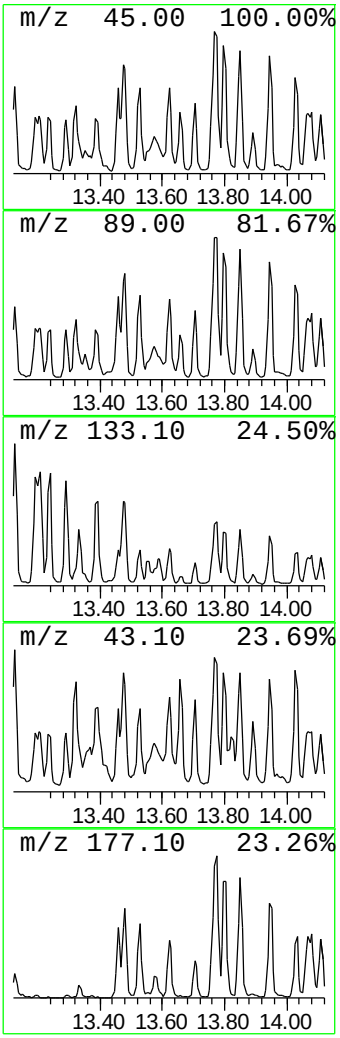
Peak Number 11 Hexaethylene glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	48.58 ng	1697400	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	78
2	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	64
3	2-Butene, 1-bromo-2-chloro-	168	C4H6BrCl	054410-84-3	59
4	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	53
5	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	53





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Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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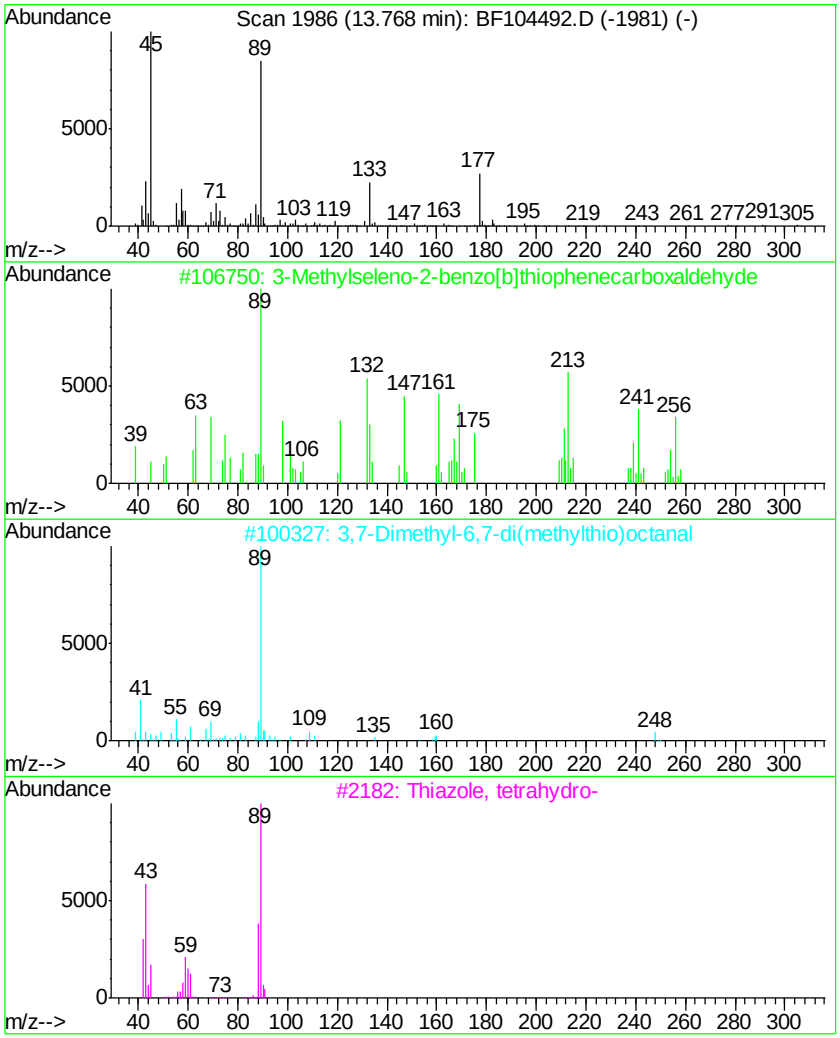
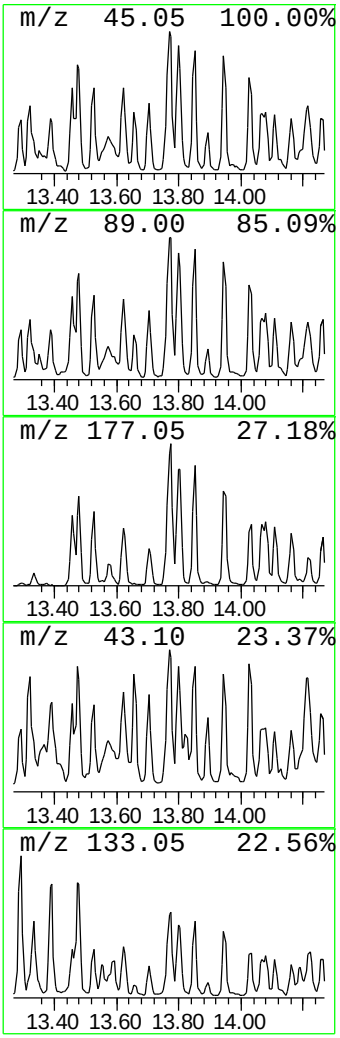
Peak Number 12 3-Methylseleno-2-benzo[b]th... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	71.66 ng	2503840	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	53
2	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	42
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	42
4	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	42
5	Thiopropionamide	89	C3H7NS	000631-58-3	40





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Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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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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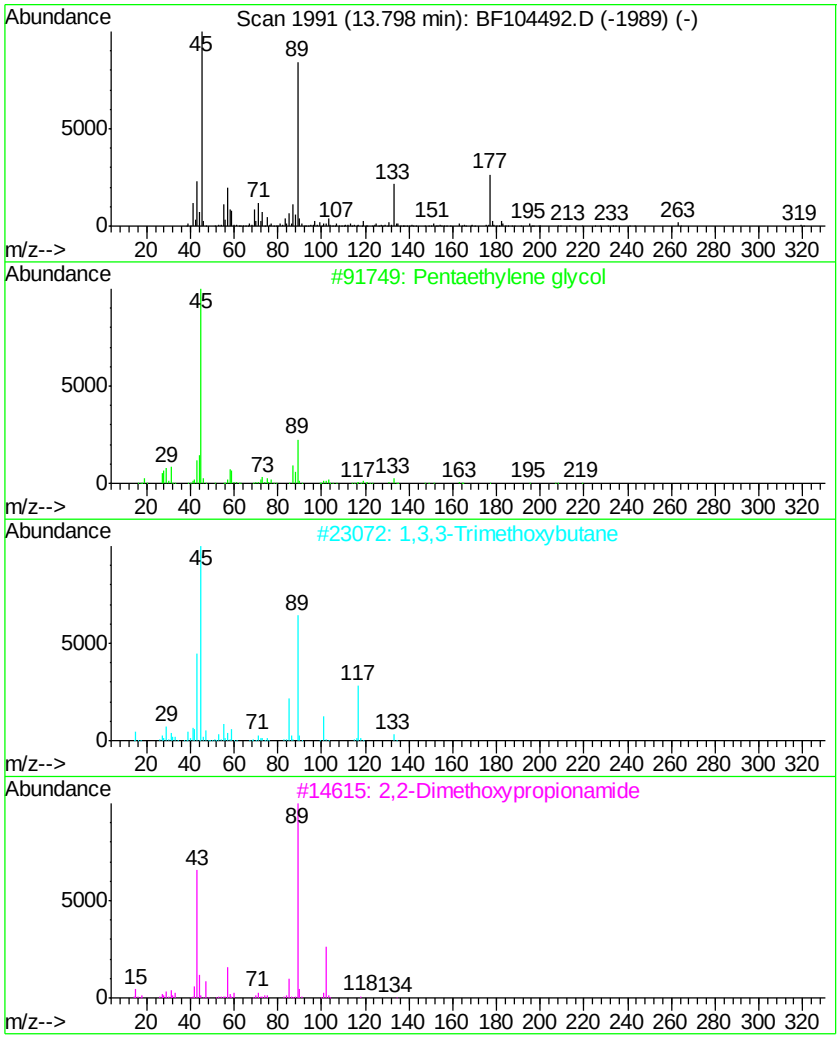
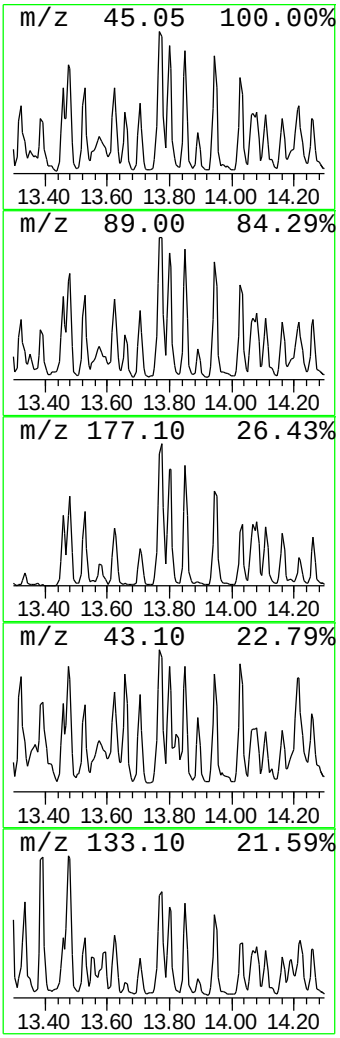
Peak Number 13 Pentaethylene glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	48.66 ng	1700130	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
2	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	56
3	2,2-Dimethoxypropionamide	133	C5H11NO3	1000237-69-7	53
4	2-(2-(2-Butoxyethoxy)ethoxy)ethy...	306	C15H30O6	1000378-28-6	50
5	Isobutyl 2,5,8,11-tetraoxatridec...	308	C14H28O7	1000378-27-9	45





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Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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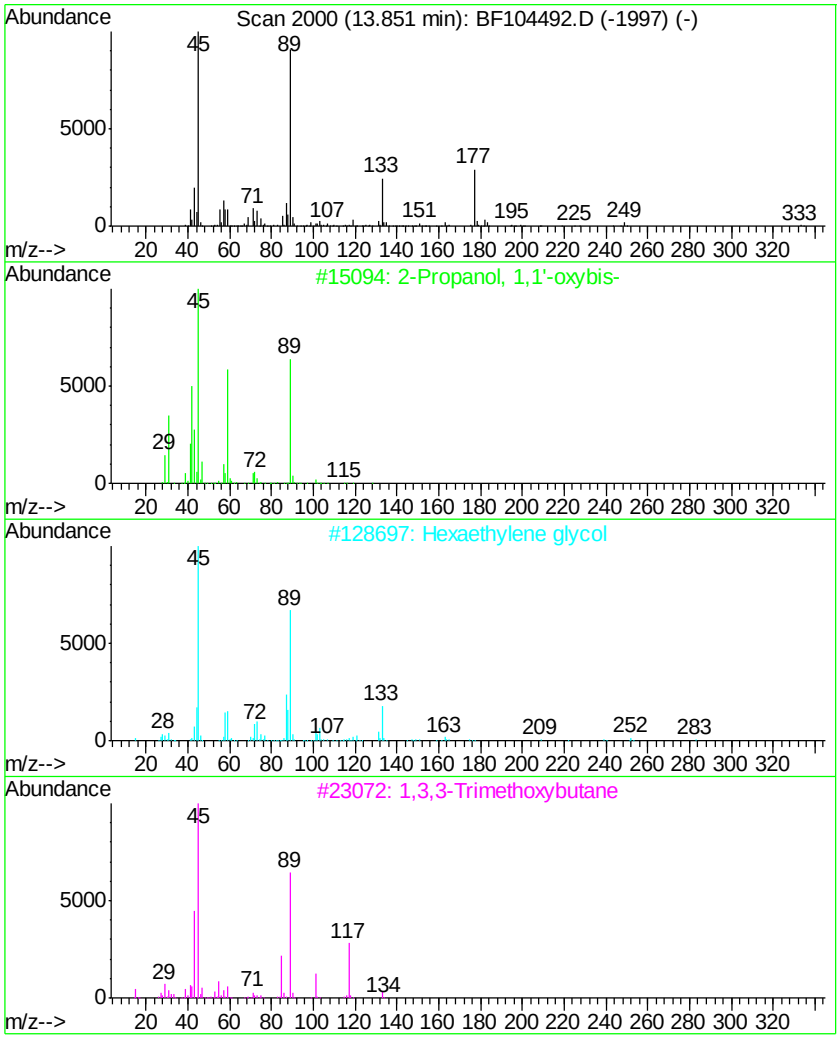
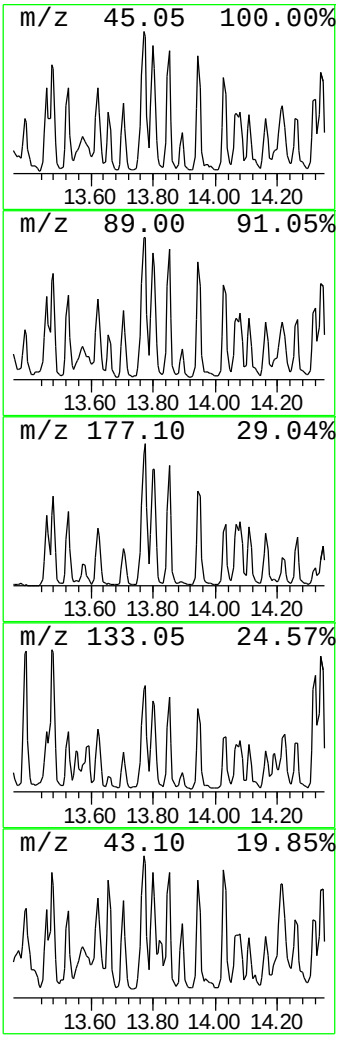
Peak Number 14 2-Propanol, 1,1'-oxybis- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	43.94 ng	1535220	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	56
3	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	56
4	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	56
5	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	53





Library Search Compound Report

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Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : CLEARWELL

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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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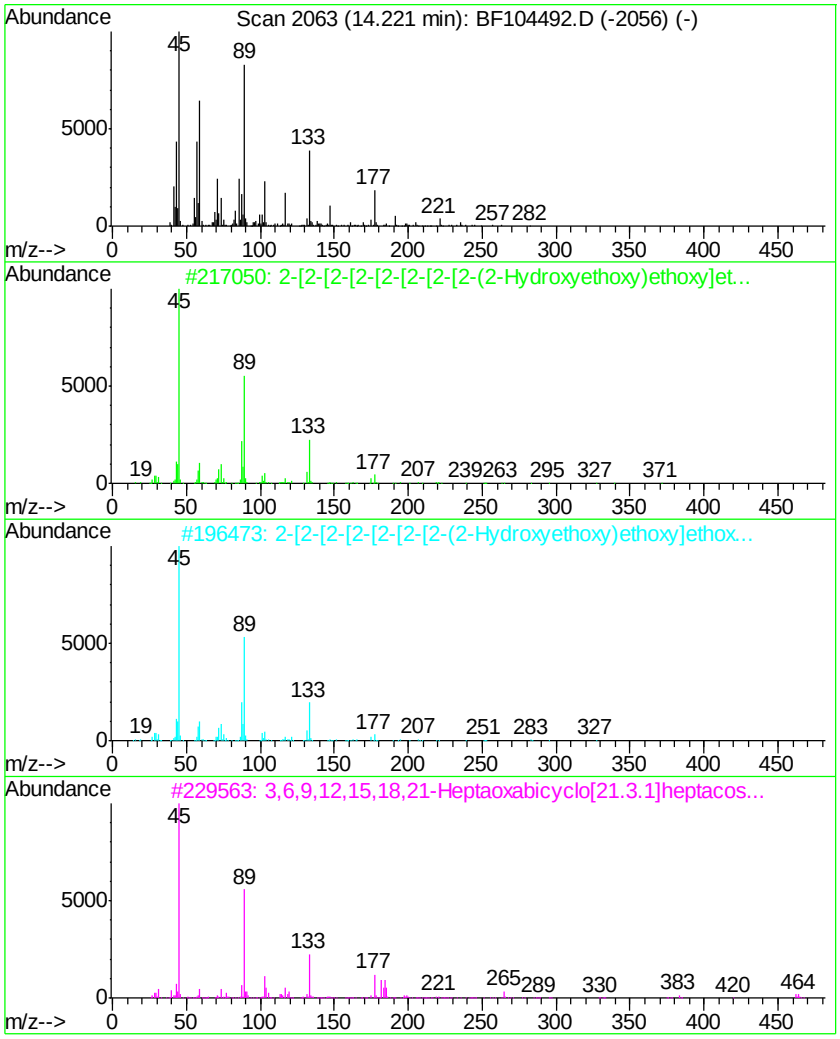
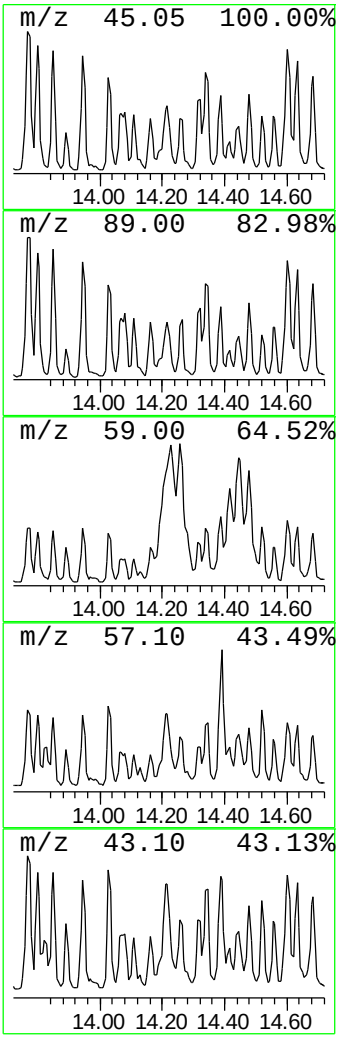
Peak Number 15 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	65.34 ng	2282960	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	87
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	87
3	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	72
4	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	72
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	64





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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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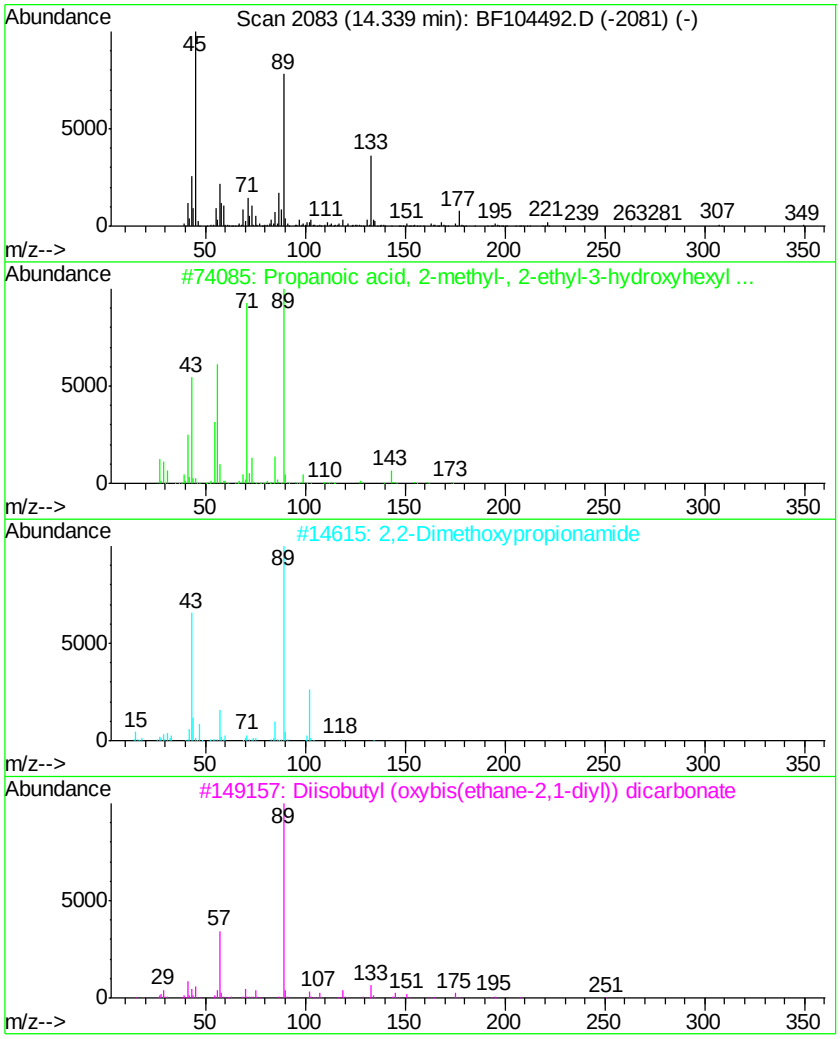
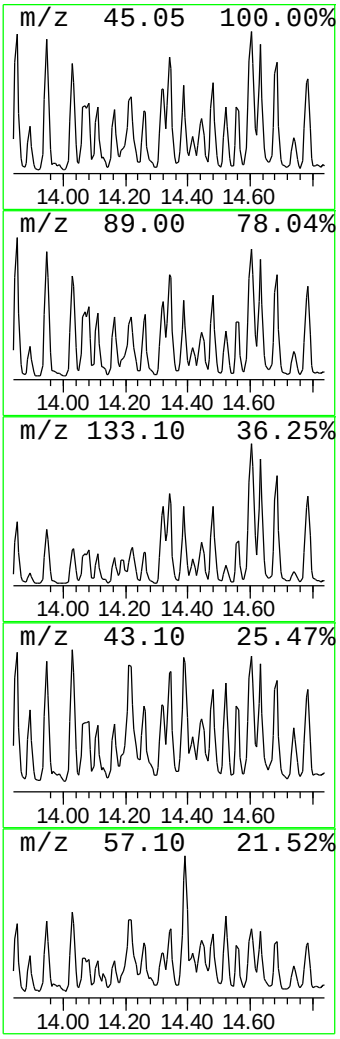
Peak Number 16 Propanoic acid, 2-methyl-, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	46.18 ng	1613420	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50
2	2,2-Dimethoxypropionamide	133	C5H11NO3	1000237-69-7	50
3	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	40
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	25
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	18





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Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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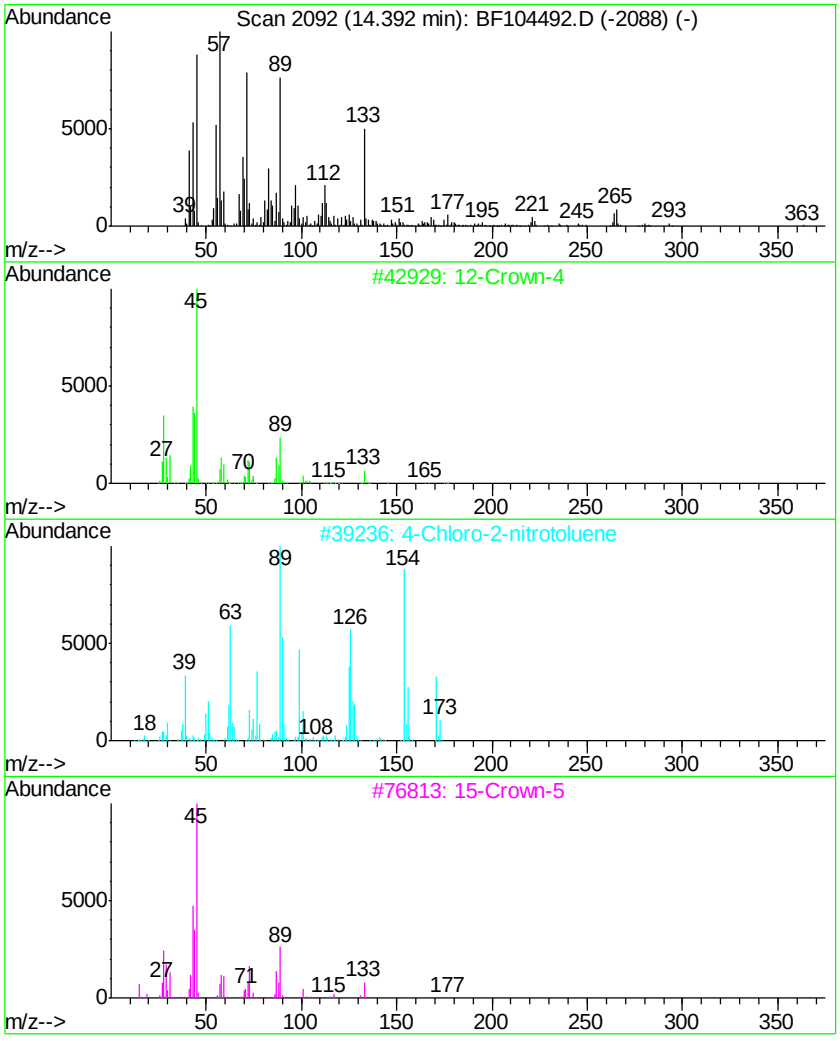
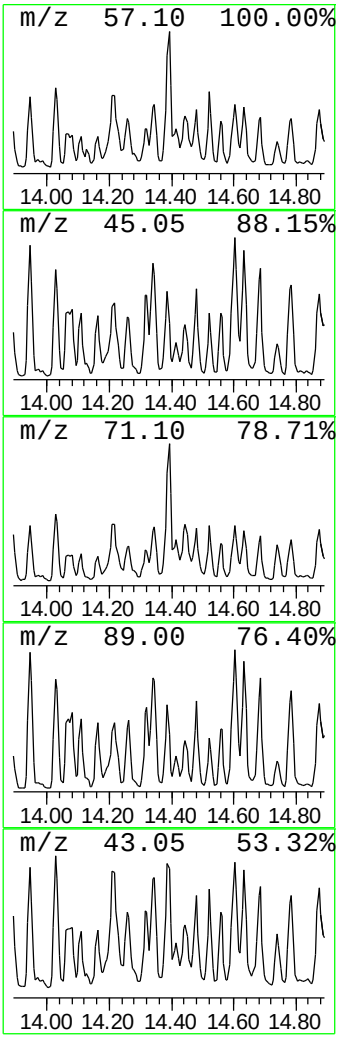
Peak Number 17 12-Crown-4 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	57.92 ng	2023550	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Crown-4	176	C8H16O4	000294-93-9	72
2	4-Chloro-2-nitrotoluene	171	C7H6ClNO2	000089-59-8	60
3	15-Crown-5	220	C10H20O5	033100-27-5	56
4	2,5-Anhydrogluconic acid	178	C6H10O6	1000227-00-0	53
5	3-Hydroxymyristic acid	244	C14H28O3	001961-72-4	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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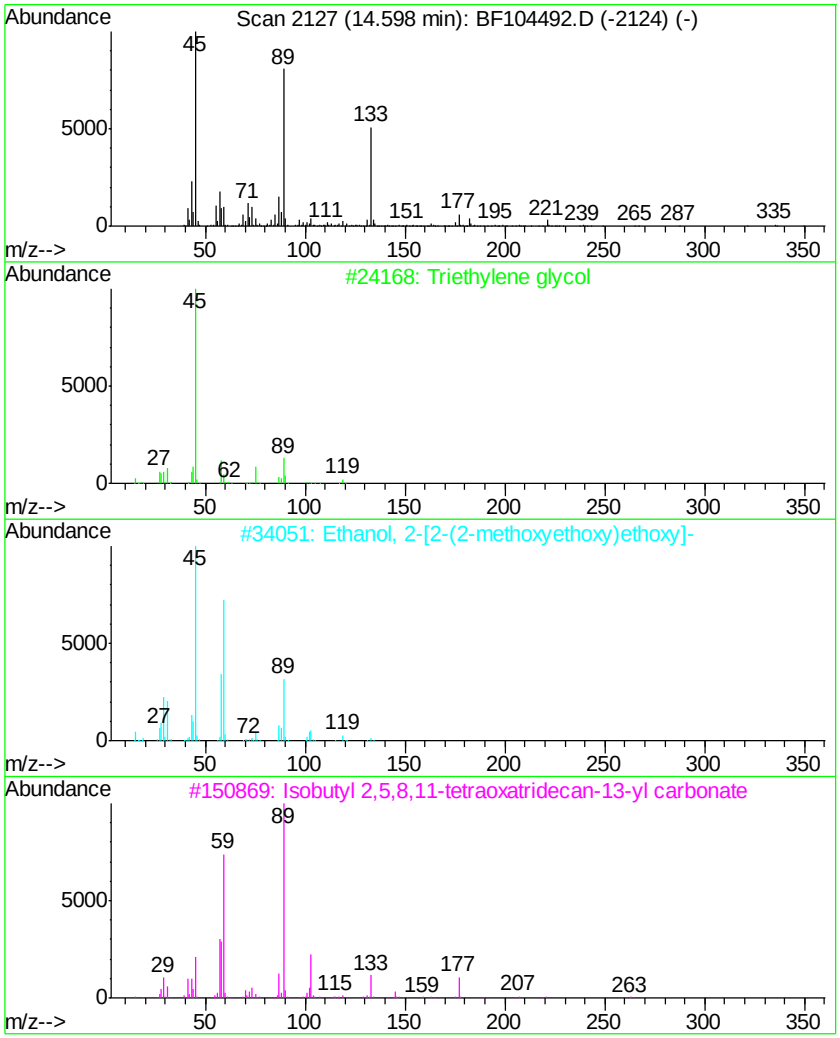
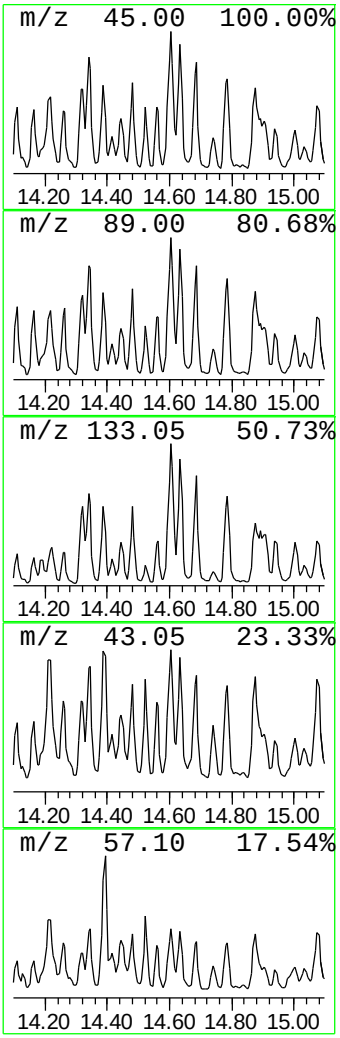
Peak Number 18 Triethylene glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	64.66 ng	2259070	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol	150	C6H14O4	000112-27-6	72
2	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	56
3	Isobutyl 2,5,8,11-tetraoxatridec...	308	C14H28O7	1000378-27-9	53
4	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	50
5	Butanamide, 2-hydroxy-N,3,3-trim...	145	C7H15NO2	087919-98-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104492.D
Acq On : 13 Apr 2018 21:21
Operator : JU/SJ
Sample : J2318-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.58	6.58	46.4	ng	1499690	1	6.81	645810	20.0
Octanoic acid	8.03	256.9	ng	11066700	2	8.09	861485	20.0
unknown12.67	12.67	49.0	ng	1711410	5	13.99	698795	20.0
Triethylene glyco...	12.70	50.2	ng	1754430	5	13.99	698795	20.0
2,2-Dimethoxyprop...	12.86	70.0	ng	2447640	5	13.99	698795	20.0
Heptaethylene glycol	13.04	49.6	ng	1731460	5	13.99	698795	20.0
unknown13.13	13.13	49.0	ng	1712670	5	13.99	698795	20.0
2-(2-(2-Ethoxyeth...	13.32	41.6	ng	1454880	5	13.99	698795	20.0
unknown13.39	13.39	44.4	ng	1550790	5	13.99	698795	20.0
2H-1-Benzopyran-2...	13.45	187.6	ng	6555890	5	13.99	698795	20.0
Hexaethylene glycol	13.62	48.6	ng	1697400	5	13.99	698795	20.0
3-Methylseleno-2-...	13.77	71.7	ng	2503840	5	13.99	698795	20.0
Pentaethylene glycol	13.80	48.7	ng	1700130	5	13.99	698795	20.0
2-Propanol, 1,1'-...	13.85	43.9	ng	1535220	5	13.99	698795	20.0
2-[2-[2-[2-[2-[2-...	14.22	65.3	ng	2282960	5	13.99	698795	20.0
Propanoic acid, 2...	14.34	46.2	ng	1613420	5	13.99	698795	20.0
12-Crown-4	14.39	57.9	ng	2023550	5	13.99	698795	20.0
Triethylene glycol	14.60	64.7	ng	2259070	5	13.99	698795	20.0