LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.475	741	746	757	rBV2	1215303	1398316	13.85%	0.893%
2	6.845	802	809	811	rVV	7007426	10095450	100.00%	6.449%
3	6.869	811	813	833	rVB	1505792	1532148	15.18%	0.979%
4	7.269	876	881	887	rBV	1343646	1385404	13.72%	0.885%
5	7.528	921	925	932	rBV	1029859	1014041	10.04%	0.648%
6	9.004	1171	1176	1181	rBV	649433	658415	6.52%	0.421%
7	9.057	1181	1185	1197	rVB	2268061	2409554	23.87%	1.539%
8	9.733	1296	1300	1302	rVV	549205	609531	6.04%	0.389%
9	9.892	1321	1327	1331	rBV2	774991	782228	7.75%	0.500%
10	10.257	1386	1389	1395	rBV2	1039406	1038828	10.29%	0.664%
11	10.310	1395	1398	1399	rBV	871728	693691	6.87%	0.443%
12	10.327	1399	1401	1410	rVB	988543	985789	9.76%	0.630%
13	10.522	1430	1434	1437	rBV	798037	763802	7.57%	0.488%
14	10.645	1451	1455	1458	rVV2	910182	968673	9.60%	0.619%
15	10.722	1464	1468	1475	rVB2	572141	638577	6.33%	0.408%
16	11.092	1527	1531	1534	rVV3	982542	1165552	11.55%	0.745%
17	11.210	1547	1551	1557	rVB2	1174530	1861106	18.44%	1.189%
18	11.327	1568	1571	1573	rBV	884407	784661	7.77%	0.501%
19	11.498	1596	1600	1605	rBV3	1709818	2510158	24.86%	1.604%
20	11.733	1635	1640	1642	rBV	1309568	1597948	15.83%	1.021%
21	11.757	1642	1644	1648	rVV	1215328	1238562	12.27%	0.791%
22	11.810	1651	1653	1659	rVV	1184599	1089985	10.80%	0.696%
23	11.916	1667	1671	1676	rBV	1150126	1237228	12.26%	0.790%
24	11.998	1680	1685	1692	rBV	1084087	1212029	12.01%	0.774%
25	12.121	1701	1706	1708	rBV2	607313	920167	9.11%	0.588%
26	12.204	1715	1720	1722	rBV	774621	1036523	10.27%	0.662%
27	12.304	1732	1737	1740	rBV3	1036954	1452787	14.39%	0.928%
28	12.386	1747	1751	1752	rBV	1117282	1239642	12.28%	0.792%
29	12.451	1759	1762	1766	rBV	957310	1049762	10.40%	0.671%
30	12.557	1776	1780	1781	rVV2	1182896	1536118	15.22%	0.981%
31	12.580	1781	1784	1792	rVV3	2055842	2847428	28.21%	1.819%
32	12.639	1792	1794	1799	rVB	981801	917333	9.09%	0.586%
33	12.733	1805	1810	1813	rBV	1932865	2526432	25.03%	1.614%
34	12.763	1813	1815	1818	rVV	1612672	1317271	13.05%	0.841%

LSC Area Percent Report

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Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.798	1818	1821	1822	rVV	1366887	1275956	12.64%	0.815%
36	12.815	1822	1824	1827	rVB	1326455	1063561	10.54%	0.679%
37	12.915	1837	1841	1844	rBV	1635640	1611963	15.97%	1.030%
38	13.004	1852	1856	1862	rBV	1589809	1832112	18.15%	1.170%
39	13.086	1864	1870	1873	rVV2	935134	1863213	18.46%	1.190%
40	13.115	1873	1875	1880	rVB	930157	882621	8.74%	0.564%
41	13.168	1881	1884	1887	rBV	920615	982532	9.73%	0.628%
42	13.198	1887	1889	1893	rVV2	841934	1057740	10.48%	0.676%
43	13.245	1893	1897	1898	rVV2	498842	721959	7.15%	0.461%
44	13.268	1898	1901	1903	rVV2	1268198	1688622	16.73%	1.079%
45	13.321	1903	1910	1913	rVV2	3843106	8047130	79.71%	5.141%
46	13.351	1913	1915	1919	rVV	1963922	1848752	18.31%	1.181%
47	13.398	1921	1923	1927	rVV	1071489	1114074	11.04%	0.712%
48	13.445	1927	1931	1936	rVV4	490072	1164349	11.53%	0.744%
49	13.492	1936	1939	1943	rVV	1278481	1763699	17.47%	1.127%
50	13.533	1943	1946	1950	rVB	1989495	2050613	20.31%	1.310%
51	13.574	1950	1953	1959	rVB	1140788	1157042	11.46%	0.739%
52	13.645	1959	1965	1967	rBV	2332556	2915408	28.88%	1.862%
53	13.674	1967	1970	1973	rVV	1905996	1812904	17.96%	1.158%
54	13.721	1975	1978	1983	rVB	1857093	1846467	18.29%	1.180%
55	13.815	1990	1994	1997	rBV	1947416	1944604	19.26%	1.242%
56	13.845	1997	1999	2004	rVB	632301	709987	7.03%	0.454%
57	13.898	2004	2008	2012	rBV	1915269	2010694	19.92%	1.284%
58	13.939	2012	2015	2019	rBV2	985871	1616223	16.01%	1.032%
59	13.980	2019	2022	2028	rVB	935002	1001968	9.92%	0.640%
60	14.033	2028	2031	2034	rBV	920504	1015503	10.06%	0.649%
61	14.080	2034	2039	2044	rVV4	852311	1613692	15.98%	1.031%
62	14.127	2044	2047	2053	rVB	1159248	1423798	14.10%	0.910%
63	14.186	2053	2057	2059	rBV	1205486	1442284	14.29%	0.921%
64	14.210	2059	2061	2065	rVB	1900009	1777814	17.61%	1.136%
65	14.257	2065	2069	2072	rBV2	2184521	2517387	24.94%	1.608%
66	14.310	2075	2078	2081	rVV2	547266	812086	8.04%	0.519%
67	14.345	2081	2084	2088	rVB	1394703	1369098	13.56%	0.875%
68	14.386	2088	2091	2094	rBV	1877383	1725479	17.09%	1.102%
69	14.421	2094	2097	2100	rVB	1166409	1021303	10.12%	0.652%
70	14.468	2100	2105	2107	rBV	2116680	2756061	27.30%	1.761%
71	14.492	2107	2109	2114	rVB	1807420	1865372	18.48%	1.192%

LSC Area Percent Report

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Sample : J5235-08
Misc :
ALS Vial : 24 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
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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72	14.545	2114	2118	2123	rVB	1829130	1987114	19.68%	1.269%
73	14.633	2130	2133	2139	rVB	1604637	1779876	17.63%	1.137%
74	14.721	2144	2148	2156	rBV	1707867	3662257	36.28%	2.339%
75	14.780	2156	2158	2163	rVB	682450	757117	7.50%	0.484%
76	14.839	2163	2168	2171	rBV	777072	1015024	10.05%	0.648%
77	14.909	2176	2180	2184	rBV	841920	952915	9.44%	0.609%
78	14.951	2184	2187	2192	rVB2	719061	822532	8.15%	0.525%
79	15.004	2192	2196	2198	rBV	855150	1019235	10.10%	0.651%
80	15.033	2198	2201	2207	rVB	752679	1307588	12.95%	0.835%
81	15.086	2207	2210	2213	rBV	701730	807976	8.00%	0.516%
82	15.156	2218	2222	2226	rVV	693822	1267814	12.56%	0.810%
83	15.198	2226	2229	2235	rVV	877560	1352067	13.39%	0.864%
84	15.262	2235	2240	2244	rVV2	1397184	2325536	23.04%	1.486%
85	15.304	2244	2247	2249	rVV	791053	1036135	10.26%	0.662%
86	15.345	2249	2254	2257	rVV	1421035	2507156	24.83%	1.602%
87	15.380	2257	2260	2267	rVV	1229037	1802064	17.85%	1.151%
88	15.451	2267	2272	2281	rVB	1030735	1621408	16.06%	1.036%
89	15.580	2290	2294	2304	rVB	843754	1319833	13.07%	0.843%
90	15.704	2309	2315	2324	rBV	1089514	2437604	24.15%	1.557%
91	15.862	2336	2342	2345	rBV	327621	612166	6.06%	0.391%
92	16.092	2376	2381	2384	rBV	334912	610144	6.04%	0.390%
93	16.215	2398	2402	2414	rVB	319279	719392	7.13%	0.460%
94	16.386	2426	2431	2441	rVB2	297154	681839	6.75%	0.436%
95	16.480	2441	2447	2453	rVV	453500	1032268	10.23%	0.659%
96	16.586	2453	2465	2470	rVV3	1124883	3539296	35.06%	2.261%
97	16.633	2470	2473	2485	rVV	419855	1015240	10.06%	0.649%
98	16.739	2486	2491	2510	rVB	352523	939745	9.31%	0.600%
99	16.945	2521	2526	2544	rVB	253534	680624	6.74%	0.435%
100	17.133	2550	2558	2568	rBV2	352067	1089051	10.79%	0.696%

Sum of corrected areas: 156540225

LSC Report - Integrated Chromatogram

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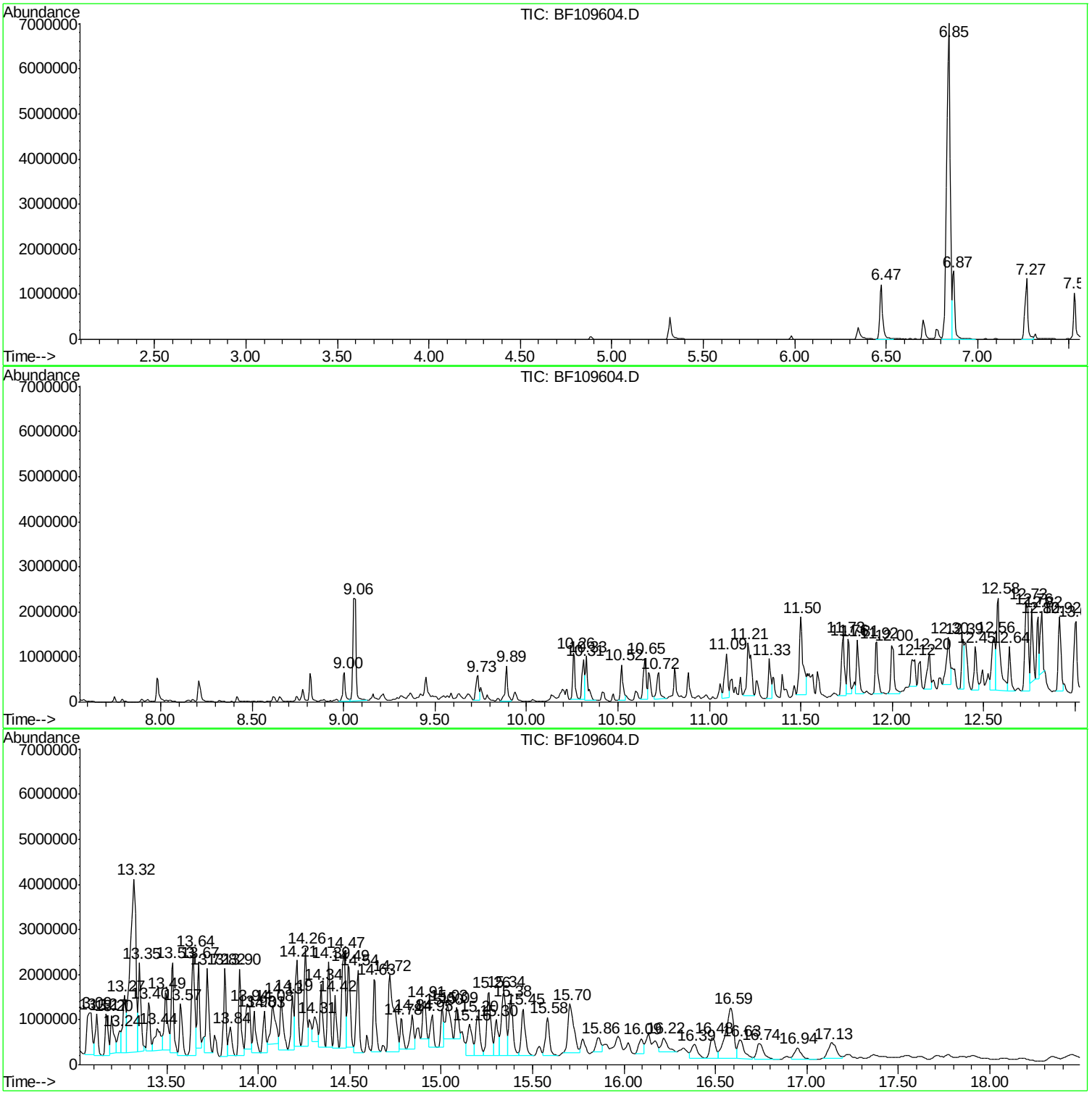
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

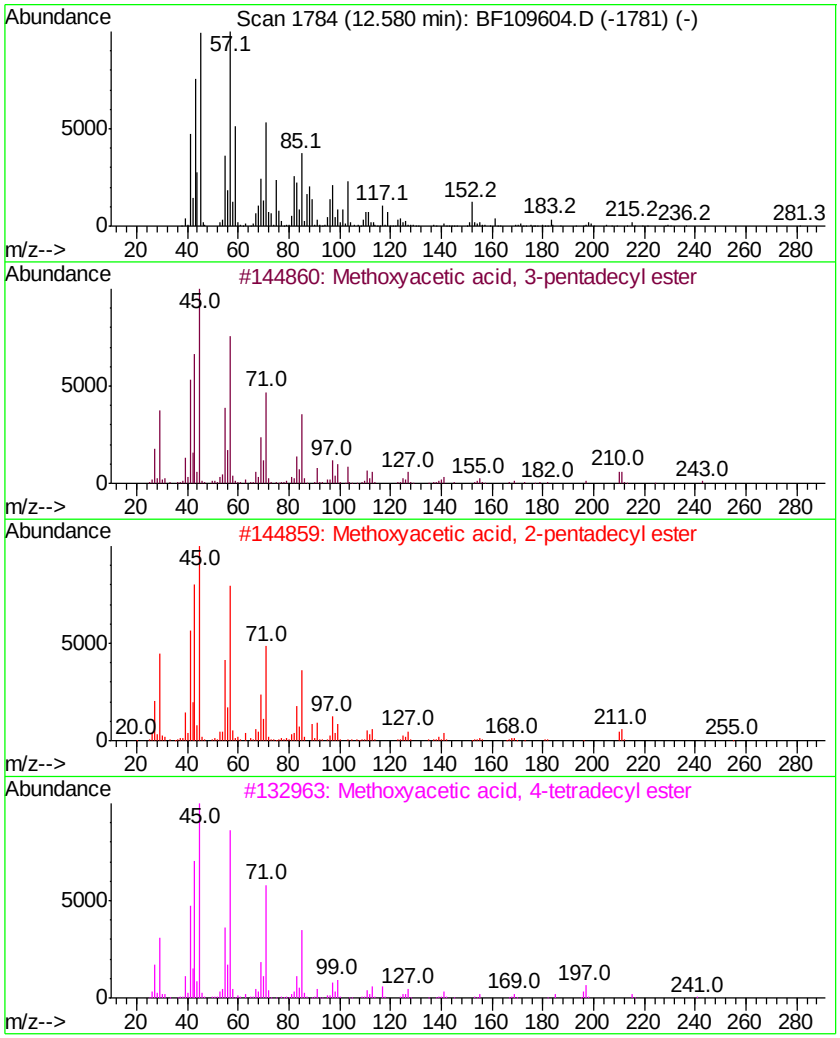
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

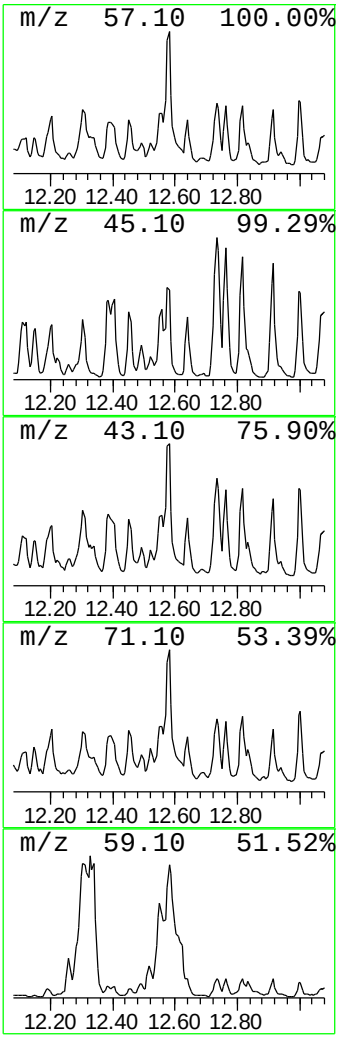
****

Peak Number 1 unknown12.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	80.21 ng	2847430	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-pentadecyl...	300	C18H36O3	1000282-05-2	46
2	Methoxyacetic acid, 2-pentadecyl...	300	C18H36O3	1000282-05-1	46
3	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	46
4	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	46
5	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	45





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : CLEARWELL

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

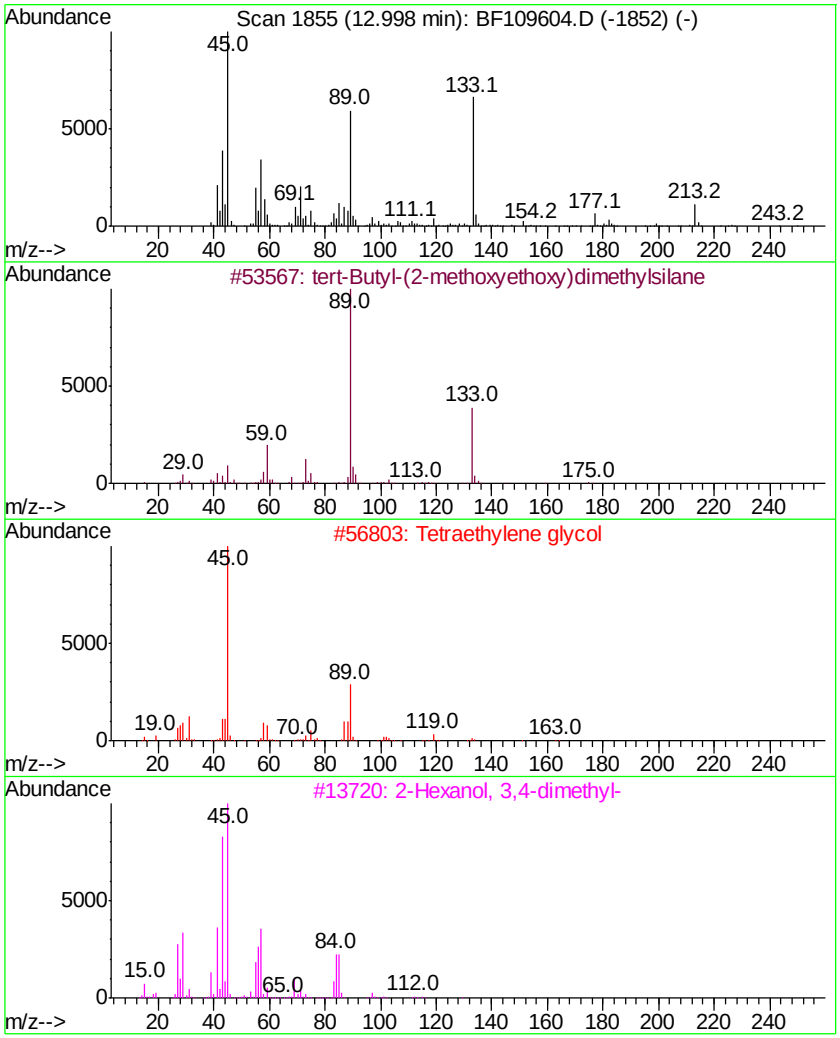
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

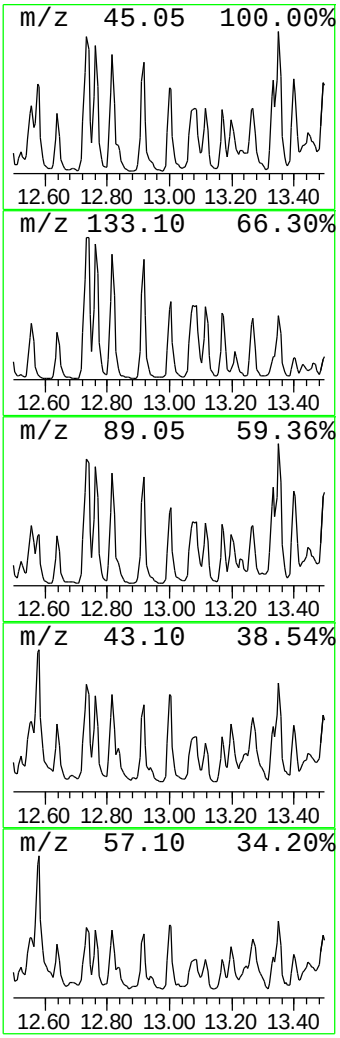
****

Peak Number 3 unknown13.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	51.61 ng	1832110	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl-(2-methoxyethoxy)dime...	190	C9H22O2Si	1000352-09-4	38
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	27
3	2-Hexanol, 3,4-dimethyl-	130	C8H18O	019550-05-1	22
4	Triethylene glycol	150	C6H14O4	000112-27-6	22
5	2-Hexanol	102	C6H14O	000626-93-7	22





Library Search Compound Report

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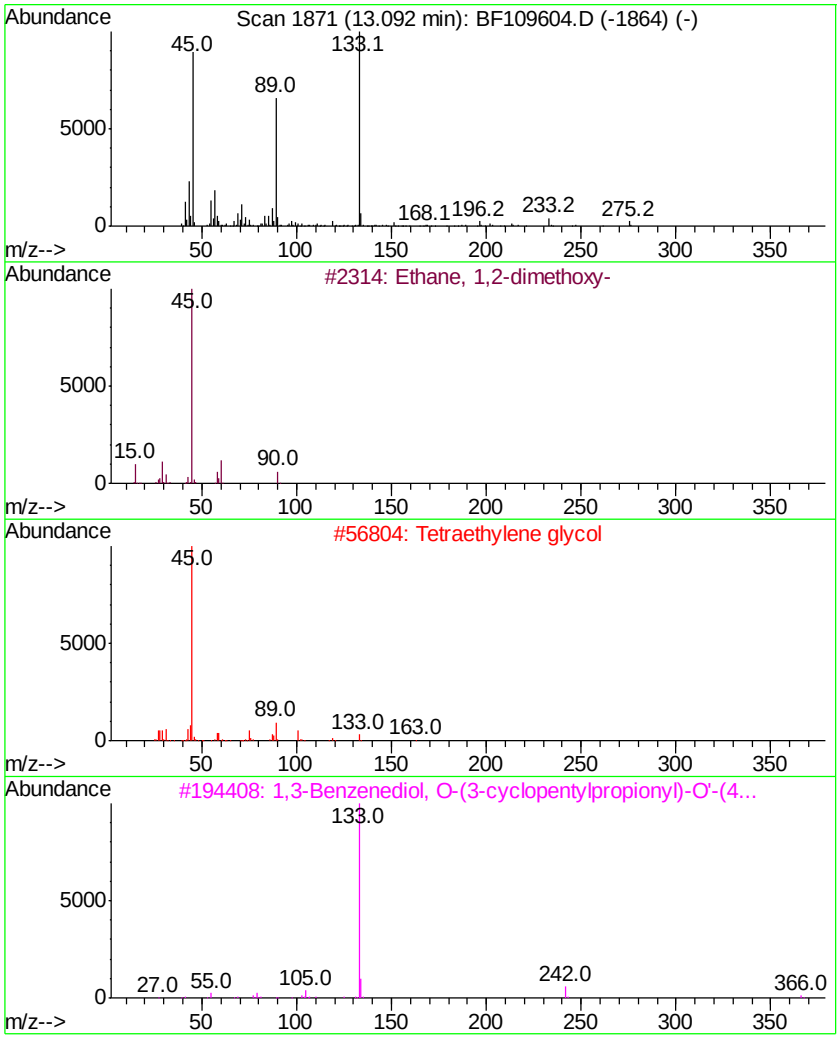
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

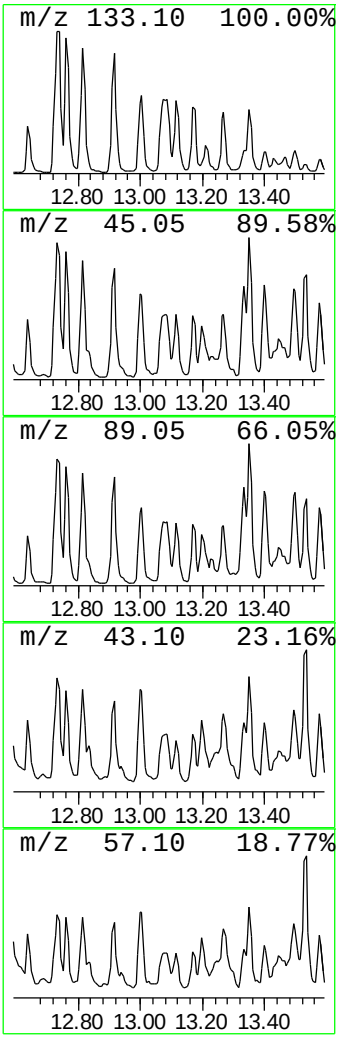
****

Peak Number 4 unknown13.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	52.49 ng	1863210	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	22
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	22
3	1,3-Benzenediol, O-(3-cyclopentyv...	366	C23H26O4	1000345-53-6	22
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	22
5	2-Heptanol, (S)-	116	C7H16O	006033-23-4	22





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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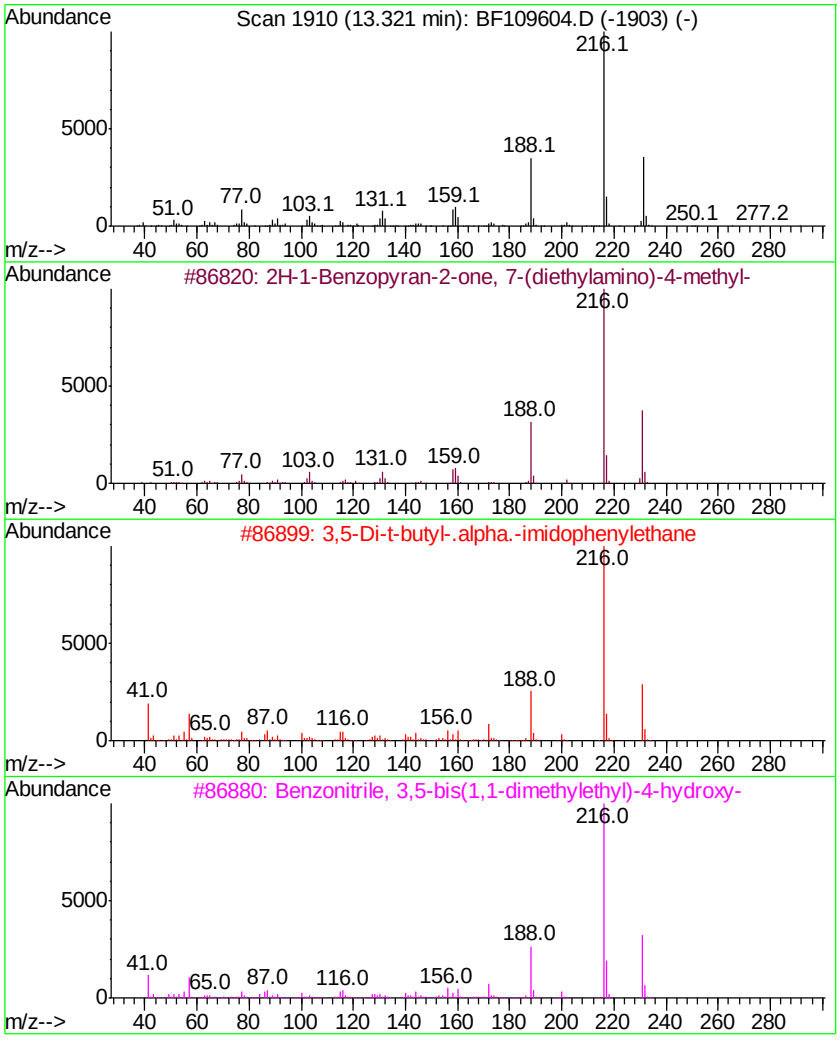
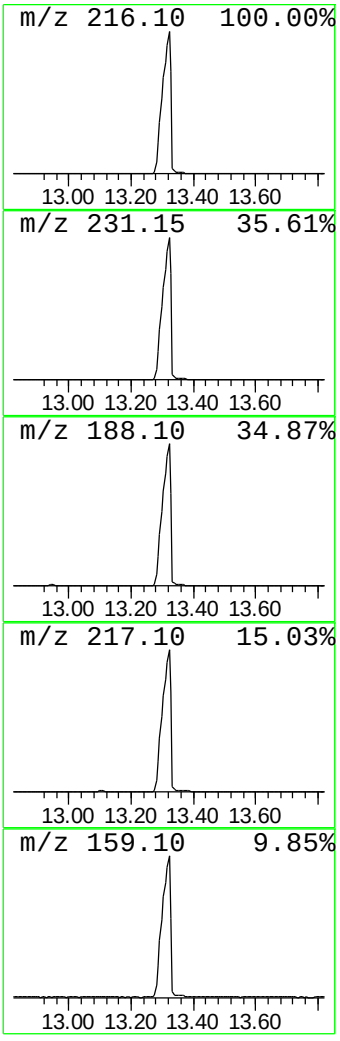
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2H-1-Benzopyran-2-one, 7-(d... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	226.68 ng	8047130	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-(diethy...	231	C14H17NO2	000091-44-1	98
2	3,5-Di-t-butyl-.alpha.-imidophen...	231	C16H25N	1000130-25-8	87
3	Benzonitrile, 3,5-bis(1,1-dimeth...	231	C15H21NO	001988-88-1	78
4	2-Amino-6-(1,1-ethylenedioxyethy...	231	C12H13N3O2	089169-94-8	72
5	Phenol, 2,6-bis(1,1-dimethylethy...	231	C15H21NO	020600-84-4	72





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

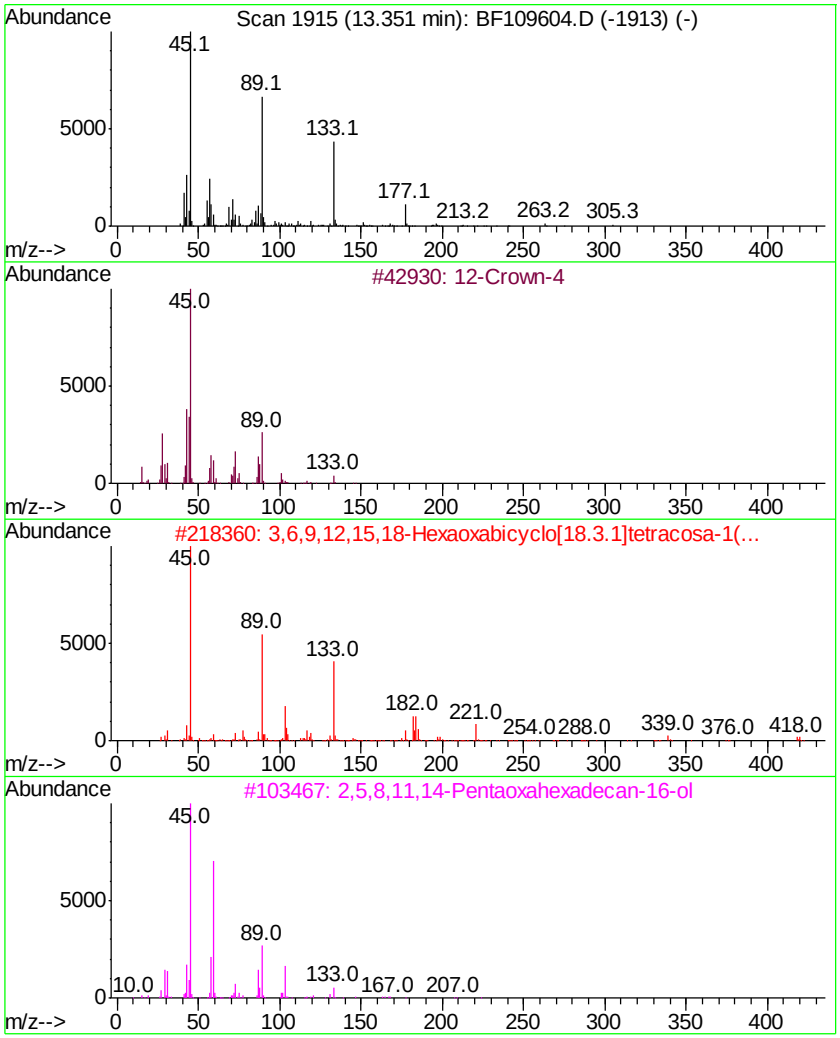
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

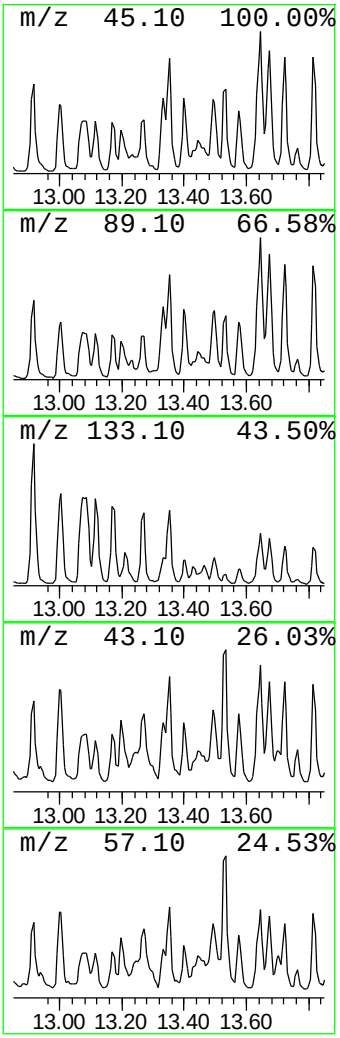
****

Peak Number 7 12-Crown-4 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	52.08 ng	1848750	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Crown-4	176	C8H16O4	000294-93-9	64
2	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	56
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	50
4	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	47
5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

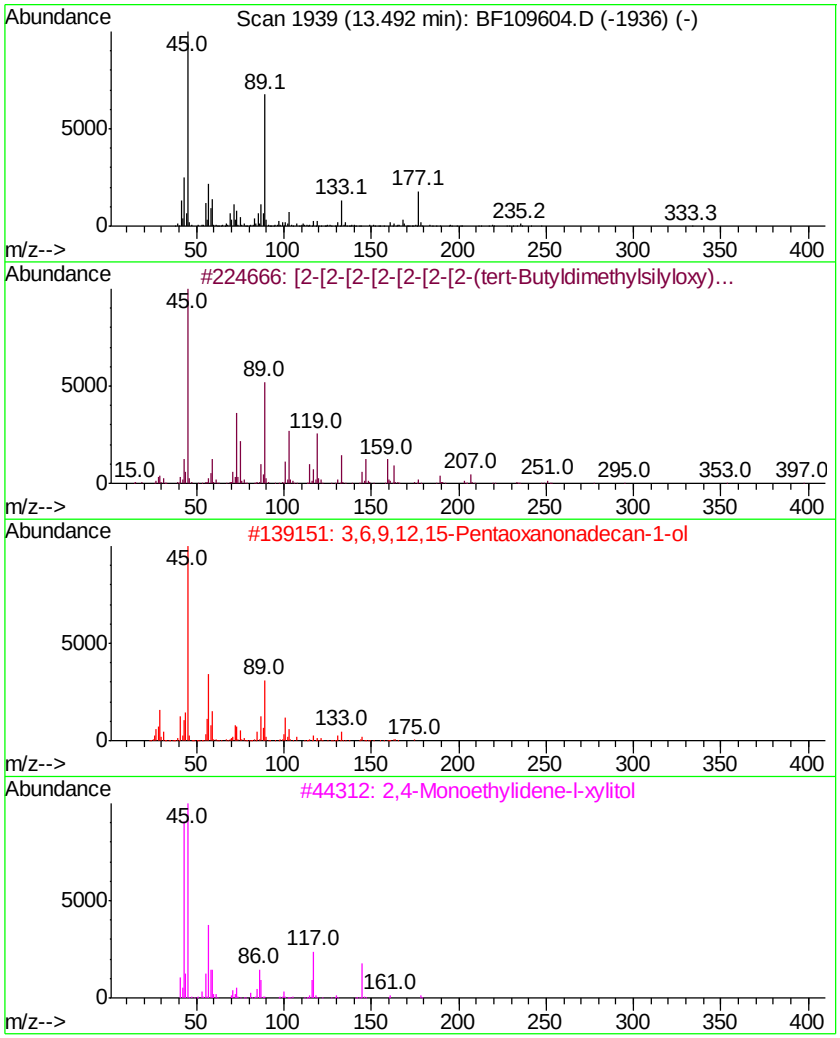
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

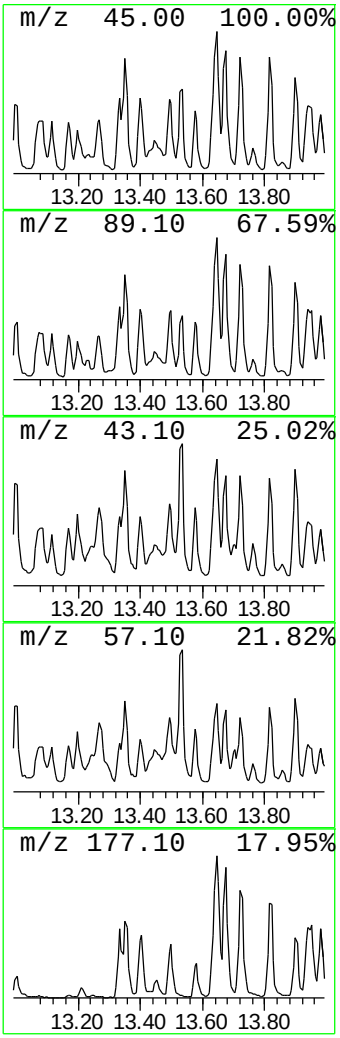
****

Peak Number 8 [2-[2-[2-[2-[2-[2-[2-(tert-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	49.68 ng	1763700	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2-[2-[2-[2-[2-[2-[2-(tert-Butyl...	440	C20H44O8Si	1000352-10-4	72
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	59
3	2,4-Monoethylidene-l-xylitol	178	C7H14O5	1000129-04-4	47
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	38
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	38





Library Search Compound Report

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Acq On : 4 Oct 2018 22:56
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Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

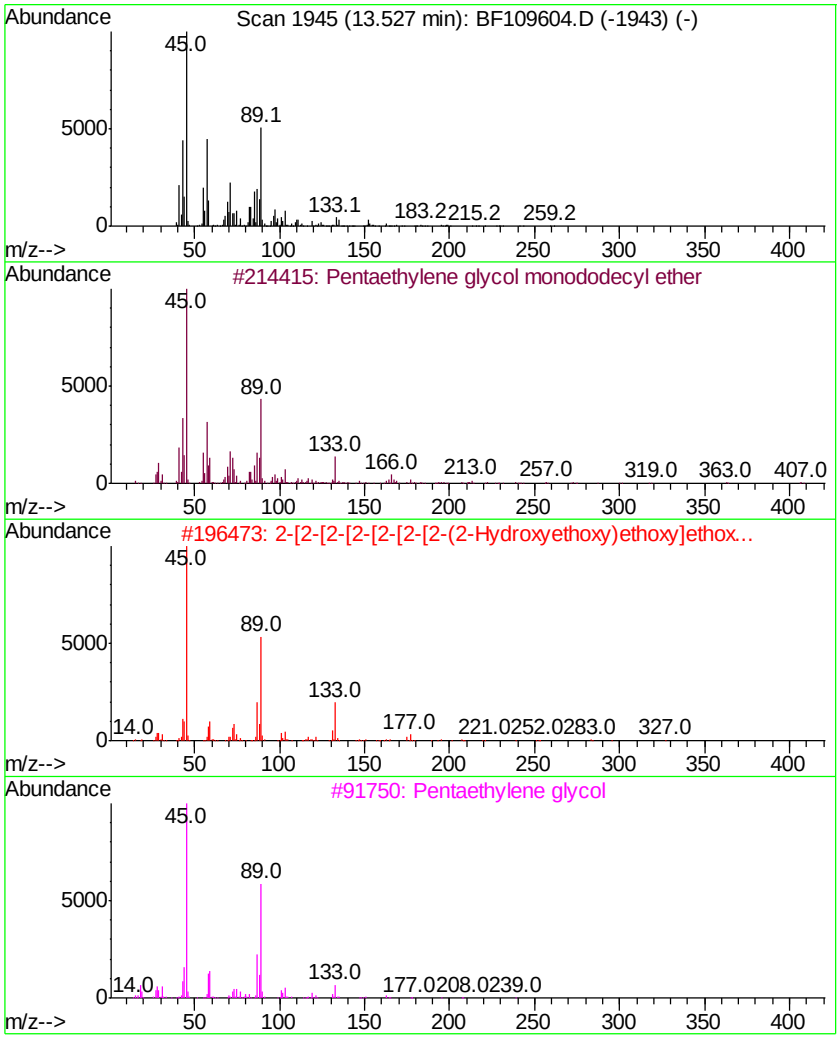
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 9 Pentaethylene glycol monodo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	57.76 ng	2050610	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	72
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	58
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	53



m/z 45.05 100.00%

m/z 89.10 50.60%

m/z 57.10 45.03%

m/z 43.10 43.80%

m/z 71.10 22.37%

Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

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

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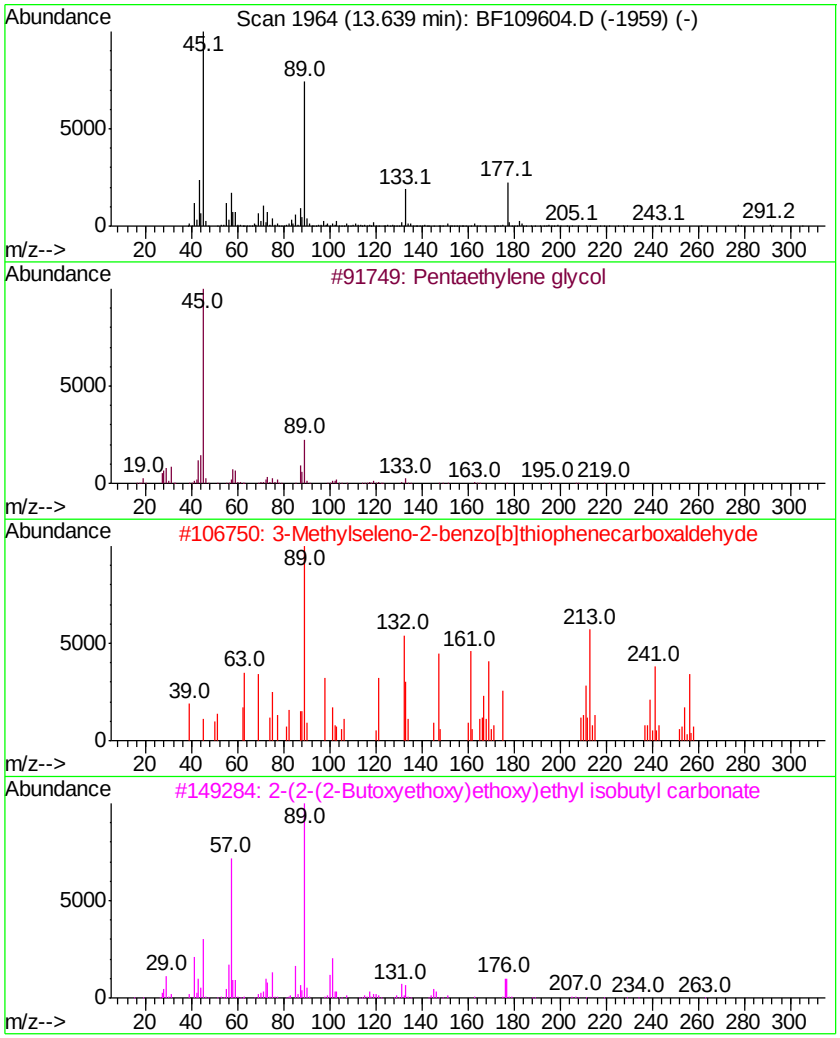
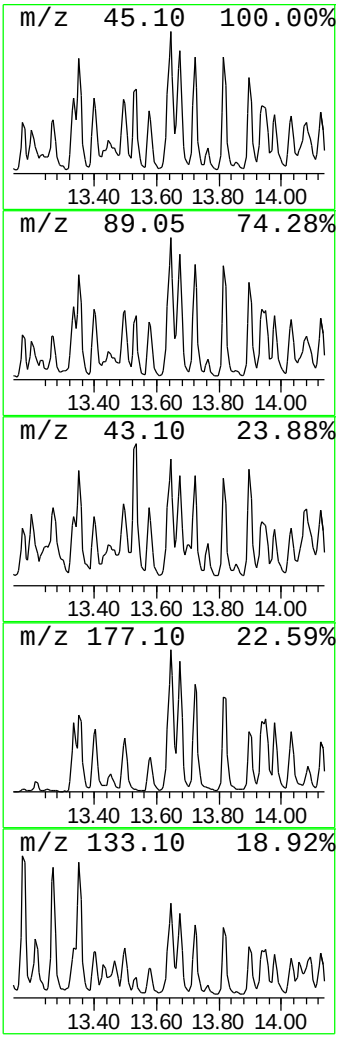
Peak Number 10 Pentaethylene glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	82.13 ng	2915410	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
2	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	53
3	2-(2-(2-Butoxyethoxy)ethoxy)ethy...	306	C15H30O6	1000378-28-6	50
4	Isobutyl 2,5,8,11-tetraoxatridec...	308	C14H28O7	1000378-27-9	45
5	Propane, 2,2-bis(methylthio)-	136	C5H12S2	006156-18-9	42





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Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

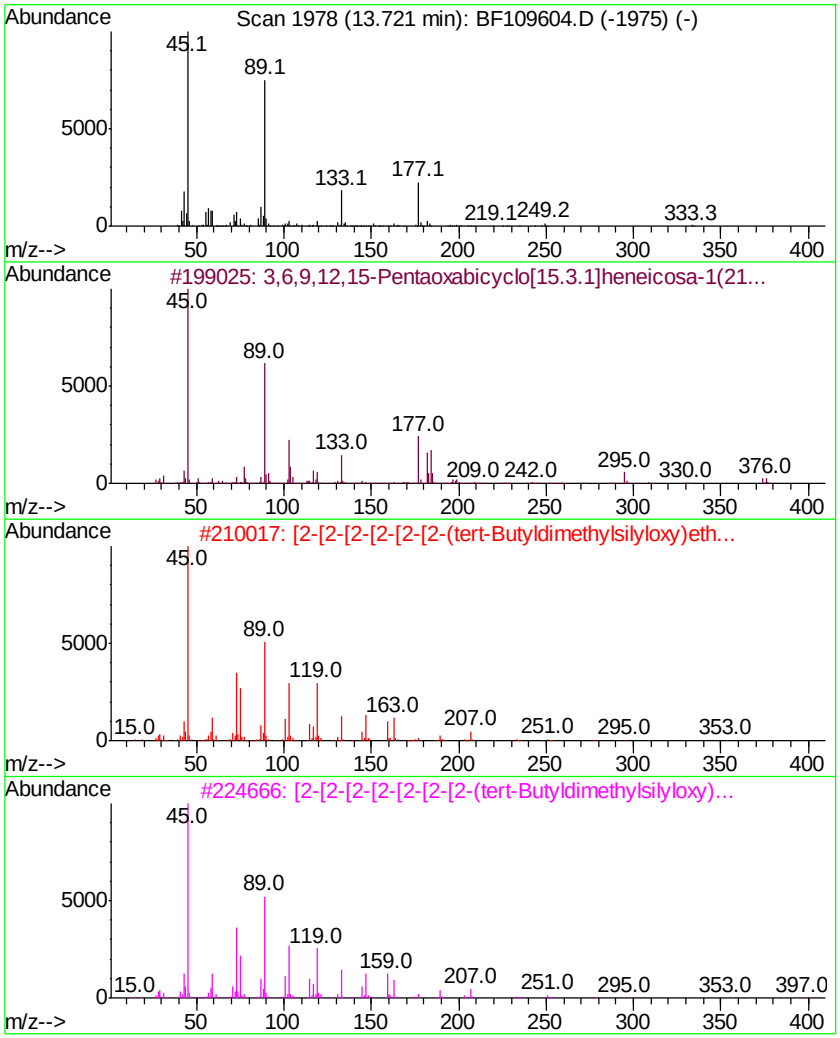
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

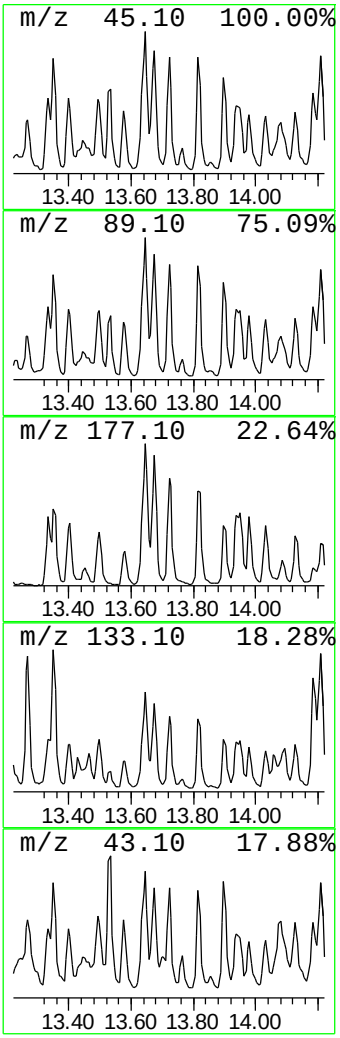
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3,6,9,12,15-Pentaoxabicyclo... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	52.01 ng	1846470	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	374	C16H23BrO5	055440-88-5	74
2	[2-[2-[2-[2-[2-[2-(tert-Butyldim...	396	C18H40O7Si	1000352-11-0	64
3	[2-[2-[2-[2-[2-[2-[2-(tert-Butyl...	440	C20H44O8Si	1000352-10-4	64
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	56
5	2-(2-(2-Butoxyethoxy)ethoxy)ethy...	306	C15H30O6	1000378-28-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

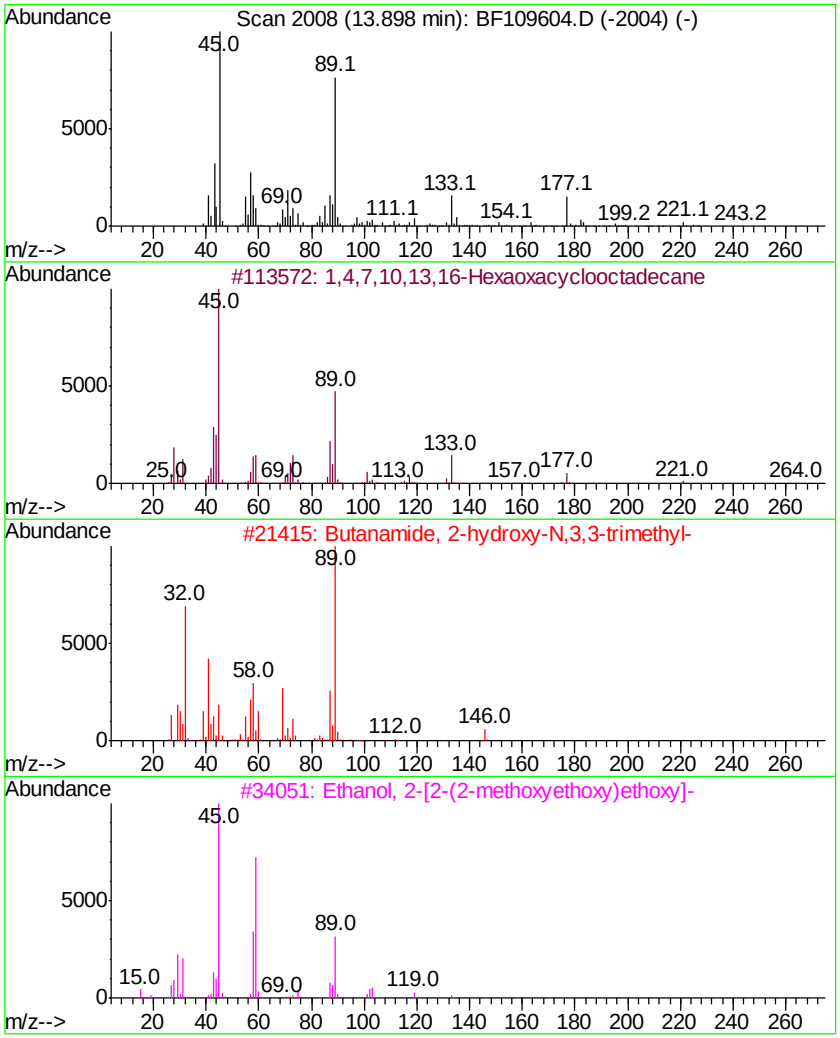
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

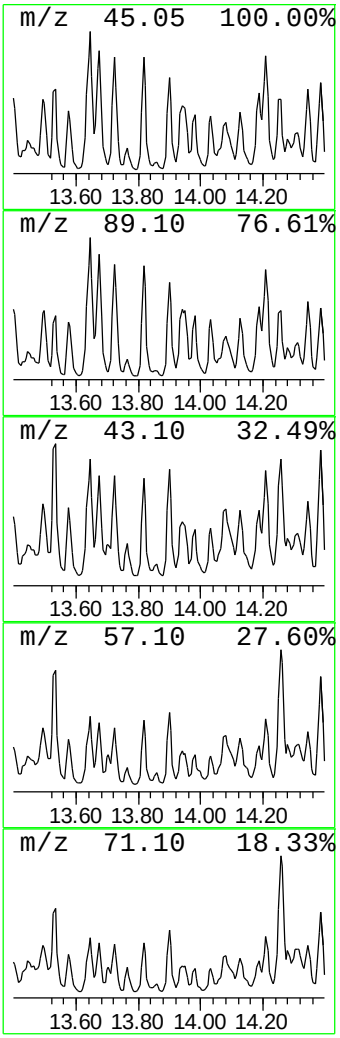
****

Peak Number 13 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	56.64 ng	2010690	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	72
2	Butanamide, 2-hydroxy-N,3,3-trim...	145	C7H15NO2	087919-98-0	59
3	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	56
4	1,3-Heptadiyne, 6-(2-methoxyetho...	268	C14H24O3Si	1000156-78-0	53
5	2,2-Dimethoxypropionamide	133	C5H11NO3	1000237-69-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

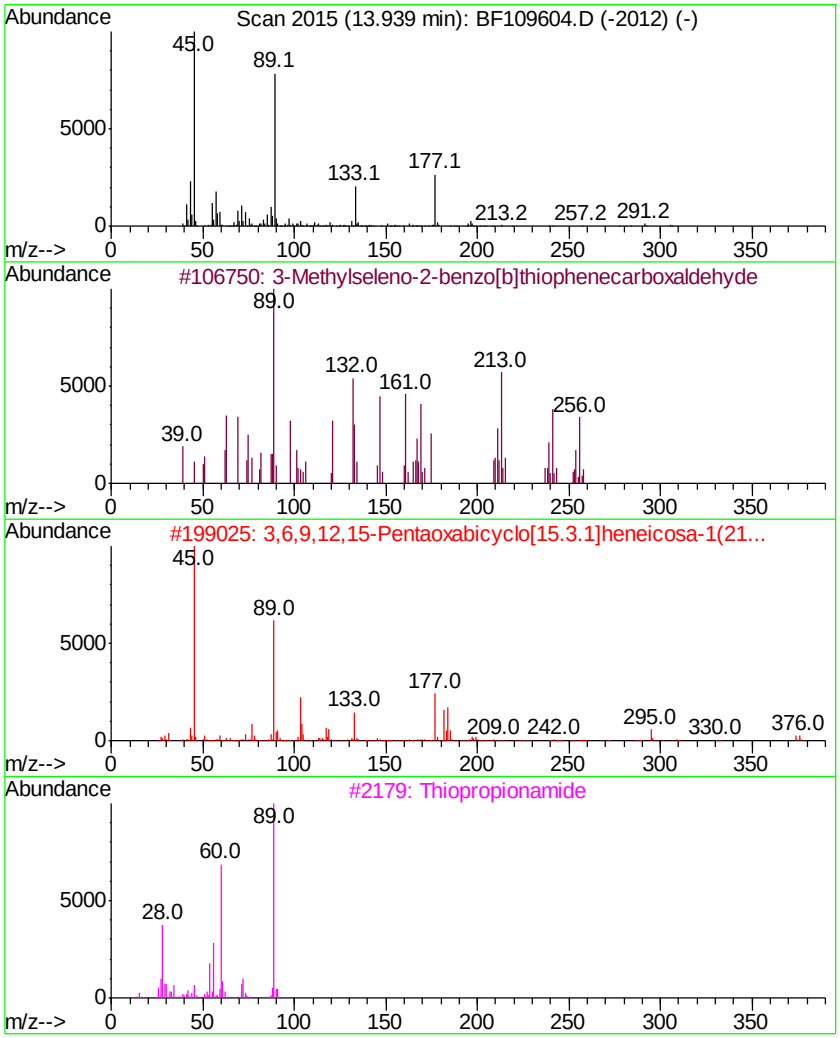
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

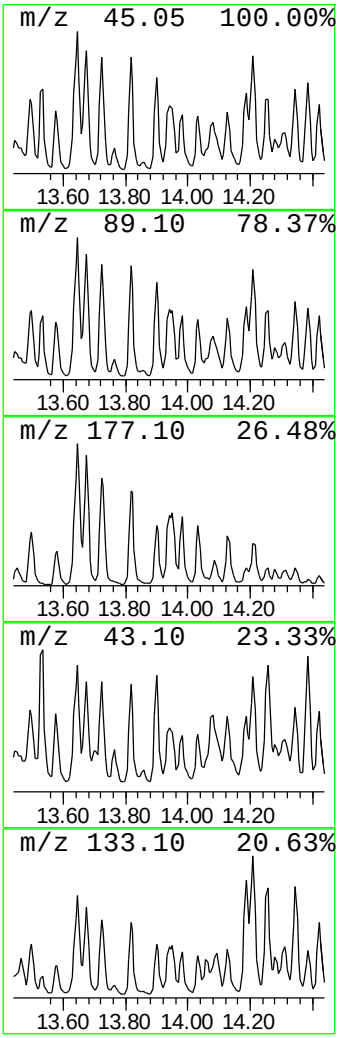
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3-Methylseleno-2-benzo[b]th... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	45.53 ng	1616220	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	53
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	374	C16H23BrO5	055440-88-5	43
3	Thiopropionamide	89	C3H7NS	000631-58-3	42
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	42
5	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	42





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Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

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

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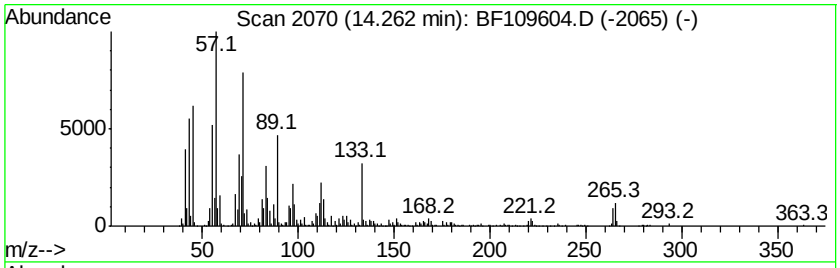
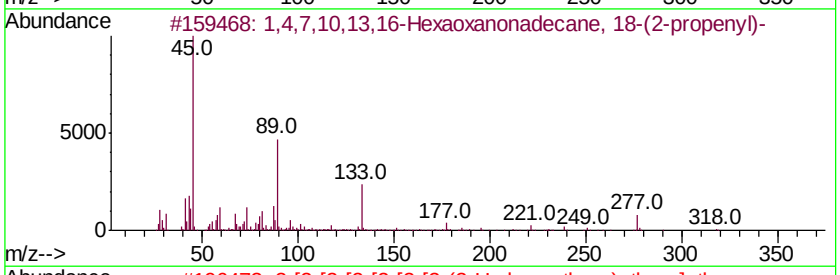
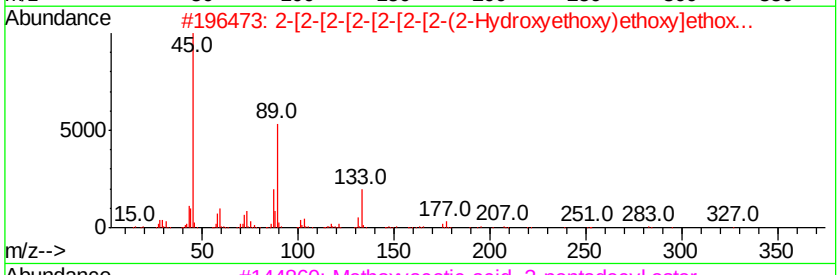
Peak Number 16 unknown14.26 Concentration Rank 6

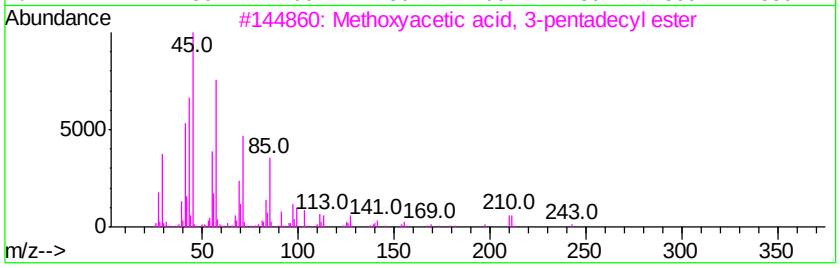
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	70.91 ng	2517390	Chrysene-d12	13.84

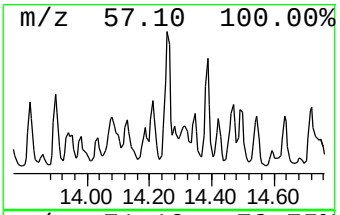
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	49
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	49
3	Methoxyacetic acid, 3-pentadecyl...	300	C18H36O3	1000282-05-2	46
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	46
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	38

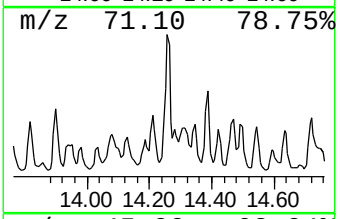


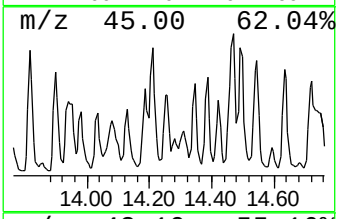


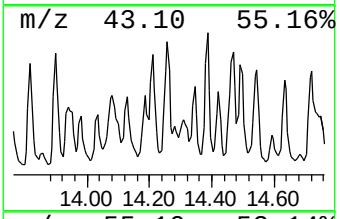


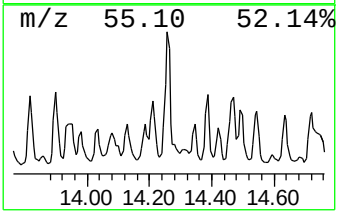












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
Operator : JU/SJ
Sample : J5235-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

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

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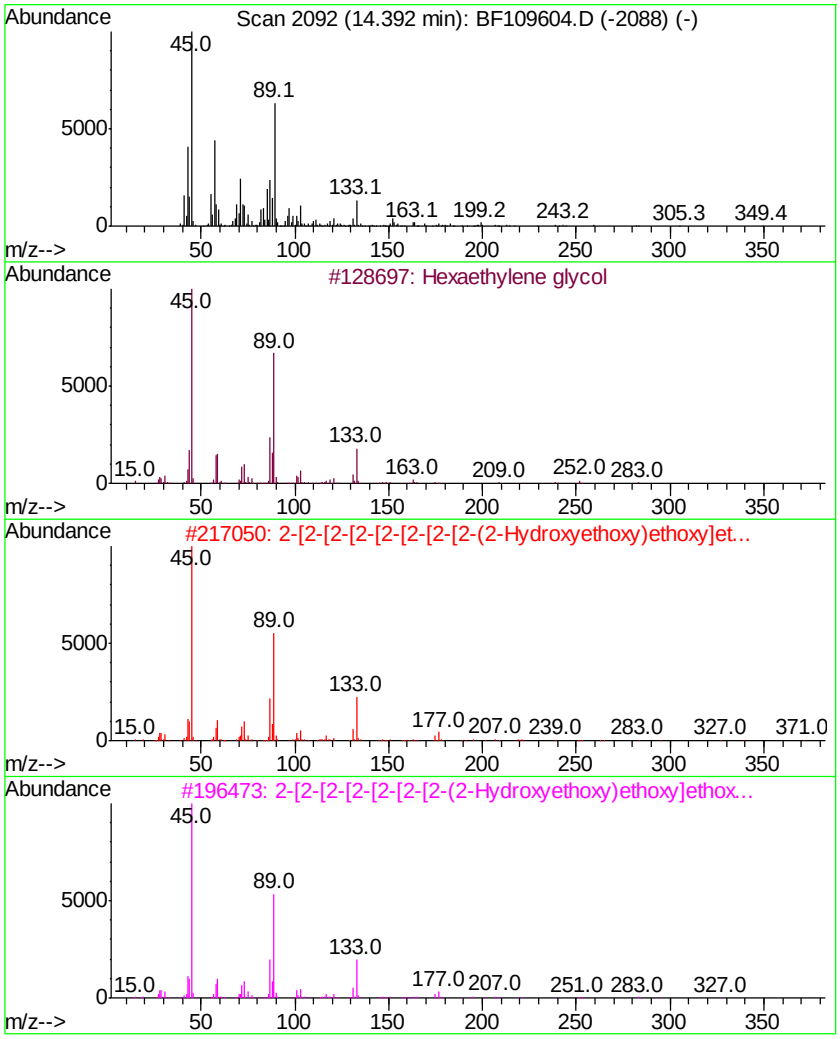
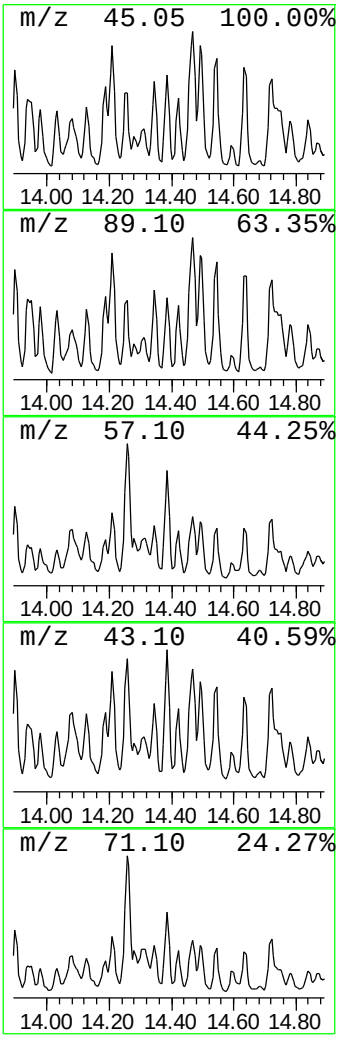
Peak Number 17 Hexaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	48.61 ng	1725480	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	87
2	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	83
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	83
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	83





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLEARWELL

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

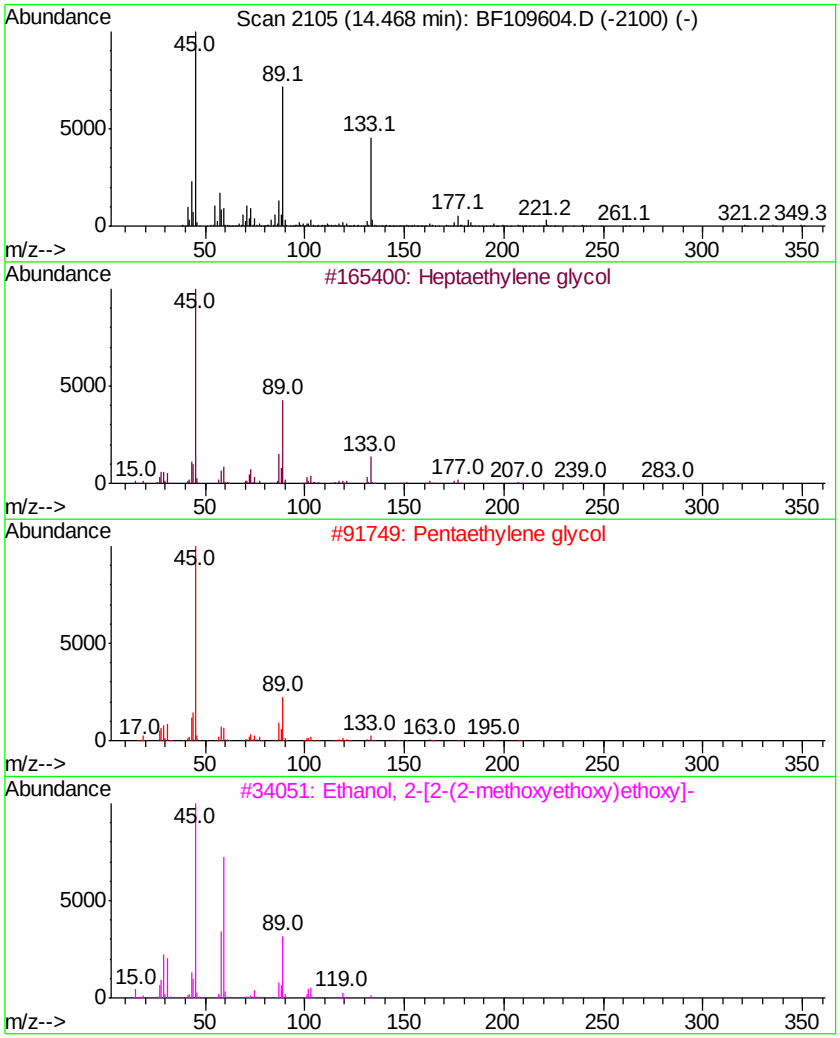
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

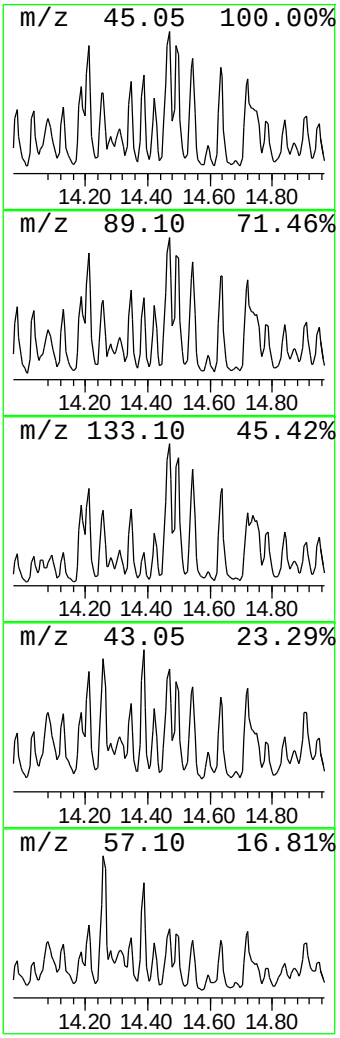
****

Peak Number 18 Heptaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	77.64 ng	2756060	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
3	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	38
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	35
5	2-Pentanol	88	C5H12O	006032-29-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109604.D
Acq On : 4 Oct 2018 22:56
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ALS Vial : 24 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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unknown13.00	13.00	51.6	ng	1832110	5	13.84	709987	20.0
unknown13.09	13.09	52.5	ng	1863210	5	13.84	709987	20.0
2H-1-Benzopyran-2...	13.32	226.7	ng	8047130	5	13.84	709987	20.0
12-Crown-4	13.35	52.1	ng	1848750	5	13.84	709987	20.0
[2-[2-[2-[2-[2-[2...	13.49	49.7	ng	1763700	5	13.84	709987	20.0
Pentaethylene gly...	13.53	57.8	ng	2050610	5	13.84	709987	20.0
Pentaethylene glycol	13.64	82.1	ng	2915410	5	13.84	709987	20.0
3,6,9,12,15-Penta...	13.72	52.0	ng	1846470	5	13.84	709987	20.0
1,4,7,10,13,16-He...	13.90	56.6	ng	2010690	5	13.84	709987	20.0
3-Methylseleno-2-...	13.94	45.5	ng	1616220	5	13.84	709987	20.0
unknown14.26	14.26	70.9	ng	2517390	5	13.84	709987	20.0
Hexaethylene glycol	14.39	48.6	ng	1725480	5	13.84	709987	20.0
Heptaethylene glycol	14.47	77.6	ng	2756060	5	13.84	709987	20.0