LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099013.D
Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

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-BF092317.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	2.204	15	20	30	rVB	83617	114025	4.80%	0.303%
2	4.516	409	413	419	rBV	183888	192137	8.08%	0.511%
3	5.134	512	518	521	rBV	1344626	1497391	63.00%	3.984%
4	5.522	580	584	587	rVB	1402195	1190442	50.08%	3.167%
5	6.528	745	755	758	rBV	1823033	1664275	70.02%	4.428%
6	6.669	775	779	783	rVB	1754607	1532651	64.48%	4.077%
7	6.728	786	789	793	rBV2	86325	78967	3.32%	0.210%
8	6.904	815	819	822	rVB	978804	805736	33.90%	2.144%
9	7.057	839	845	849	rBV	1708856	1503395	63.25%	4.000%
10	7.463	910	914	917	rVV	1267160	1087931	45.77%	2.894%
11	7.492	917	919	923	rVB	115005	93442	3.93%	0.249%
12	8.157	1029	1032	1034	rBV	193049	164276	6.91%	0.437%
13	8.186	1034	1037	1039	rVV	1235449	1079040	45.40%	2.871%
14	8.204	1039	1040	1043	rVV	347714	238279	10.02%	0.634%
15	8.234	1043	1045	1048	rVB	80782	68208	2.87%	0.181%
16	8.469	1081	1085	1090	rVB5	48944	67593	2.84%	0.180%
17	8.598	1104	1107	1109	rBV	114181	96610	4.06%	0.257%
18	8.769	1133	1136	1140	rBV	269727	210073	8.84%	0.559%
19	8.898	1155	1158	1161	rVB	277081	221286	9.31%	0.589%
20	8.998	1170	1175	1178	rVV	182136	169739	7.14%	0.452%
21	9.198	1207	1209	1211	rVV	125577	86838	3.65%	0.231%
22	9.257	1215	1219	1223	rBV	2190509	1945548	81.85%	5.176%
23	9.333	1228	1232	1235	rBV	362065	310117	13.05%	0.825%
24	9.528	1260	1265	1269	rVB	119791	151631	6.38%	0.403%
25	9.598	1273	1277	1279	rVV	145964	153228	6.45%	0.408%
26	9.622	1279	1281	1283	rVV	89597	77854	3.28%	0.207%
27	9.651	1283	1286	1289	rVV	461084	394790	16.61%	1.050%
28	9.716	1293	1297	1299	rBV2	98131	93692	3.94%	0.249%
29	9.804	1309	1312	1315	rBV2	105366	95485	4.02%	0.254%
30	9.863	1318	1322	1325	rVB	317746	257560	10.84%	0.685%
31	9.939	1332	1335	1338	rVB	977924	908589	38.22%	2.417%
32	9.975	1338	1341	1344	rVB	386528	297216	12.50%	0.791%
33	10.039	1349	1352	1357	rBV	56317	72483	3.05%	0.193%
34	10.098	1357	1362	1364	rBV4	51254	81005	3.41%	0.216%

LSC Area Percent Report

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Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.145	1367	1370	1373	rVB2	256058	230696	9.71%	0.614%
36	10.180	1373	1376	1381	rBV2	121993	115817	4.87%	0.308%
37	10.257	1385	1389	1391	rBV	84025	84542	3.56%	0.225%
38	10.363	1400	1407	1410	rBV2	328252	327668	13.79%	0.872%
39	10.486	1422	1428	1434	rBV2	255897	284569	11.97%	0.757%
40	10.580	1441	1444	1446	rBV2	118393	115154	4.84%	0.306%
41	10.645	1450	1455	1462	rVB3	87591	119888	5.04%	0.319%
42	10.727	1466	1469	1473	rVB	116789	111090	4.67%	0.296%
43	10.833	1484	1487	1488	rBV	278296	219063	9.22%	0.583%
44	11.033	1515	1521	1524	rBV4	74010	124826	5.25%	0.332%
45	11.163	1539	1543	1545	rVV4	58645	82334	3.46%	0.219%
46	11.186	1545	1547	1552	rVV4	57535	76057	3.20%	0.202%
47	11.233	1552	1555	1558	rVV	103558	93887	3.95%	0.250%
48	11.280	1560	1563	1566	rVV2	215370	225464	9.49%	0.600%
49	11.327	1566	1571	1575	rVB2	149947	229099	9.64%	0.609%
50	11.433	1585	1589	1590	rBV	877893	827772	34.82%	2.202%
51	11.457	1590	1593	1596	rVV	1985883	1663811	70.00%	4.426%
52	11.504	1598	1601	1604	rVV	505439	427594	17.99%	1.138%
53	11.533	1604	1606	1609	rVV2	53809	73489	3.09%	0.196%
54	11.592	1613	1616	1621	rVV5	34658	69199	2.91%	0.184%
55	11.639	1621	1624	1625	rVV2	69851	75483	3.18%	0.201%
56	11.657	1625	1627	1631	rVV	141939	151558	6.38%	0.403%
57	11.710	1633	1636	1641	rVV2	176649	191417	8.05%	0.509%
58	11.757	1642	1644	1649	rVB3	51239	65099	2.74%	0.173%
59	11.927	1670	1673	1676	rBV	177307	175489	7.38%	0.467%
60	11.957	1676	1678	1682	rVB	273668	228632	9.62%	0.608%
61	12.004	1683	1686	1689	rBV	82132	81131	3.41%	0.216%
62	12.045	1689	1693	1695	rVV	284101	306440	12.89%	0.815%
63	12.063	1695	1696	1699	rVB	133684	93113	3.92%	0.248%
64	12.116	1702	1705	1707	rBV	143849	113668	4.78%	0.302%
65	12.222	1721	1723	1726	rBV	150280	135406	5.70%	0.360%
66	12.251	1726	1728	1732	rVB2	83176	67162	2.83%	0.179%
67	12.374	1744	1749	1751	rBV2	69120	83132	3.50%	0.221%
68	12.404	1751	1754	1756	rVV2	72182	71756	3.02%	0.191%
69	12.480	1764	1767	1769	rVV	103975	102646	4.32%	0.273%
70	12.504	1769	1771	1775	rVV3	136037	139942	5.89%	0.372%
71	12.569	1779	1782	1786	rBV	93247	100129	4.21%	0.266%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.645	1791	1795	1799	rBV	1912995	1857047	78.13%	4.940%
73	12.798	1818	1821	1823	rVV	76215	71342	3.00%	0.190%
74	12.874	1828	1834	1840	rBV2	1685194	2376985	100.00%	6.324%
75	12.921	1840	1842	1846	rVB2	98445	114089	4.80%	0.304%
76	13.010	1854	1857	1864	rVB	1456664	1398065	58.82%	3.719%
77	13.086	1866	1870	1874	rBV2	103842	188686	7.94%	0.502%
78	13.174	1882	1885	1887	rBV4	86331	112801	4.75%	0.300%
79	13.198	1887	1889	1892	rVB	196258	176831	7.44%	0.470%
80	13.233	1892	1895	1898	rBV	108727	111823	4.70%	0.297%
81	13.263	1898	1900	1903	rVB	140704	125535	5.28%	0.334%
82	13.304	1903	1907	1910	rBV2	155632	169005	7.11%	0.450%
83	13.427	1926	1928	1931	rBV	84201	88004	3.70%	0.234%
84	13.486	1935	1938	1946	rVB	417039	371200	15.62%	0.988%
85	13.574	1951	1953	1956	rVV2	90761	73737	3.10%	0.196%
86	13.710	1973	1976	1980	rVB	117054	125733	5.29%	0.334%
87	13.821	1992	1995	1997	rVB3	119841	113790	4.79%	0.303%
88	13.845	1997	1999	2002	rBV	95800	84056	3.54%	0.224%
89	13.874	2002	2004	2005	rVV	105814	98583	4.15%	0.262%
90	13.898	2006	2008	2015	rVB2	169196	273699	11.51%	0.728%
91	14.068	2033	2037	2040	rBV2	1004157	1428509	60.10%	3.800%
92	14.098	2040	2042	2047	rVB	664099	563673	23.71%	1.500%
93	14.180	2053	2056	2058	rBV	91022	76803	3.23%	0.204%
94	14.215	2060	2062	2065	rVB	105387	102365	4.31%	0.272%
95	14.521	2112	2114	2117	rBV	133386	147642	6.21%	0.393%
96	15.127	2213	2217	2220	rBV	518271	796082	33.49%	2.118%
97	15.180	2224	2226	2233	rVB2	145862	149035	6.27%	0.396%
98	15.439	2266	2270	2275	rVB	305050	408413	17.18%	1.087%
99	15.498	2277	2280	2287	rVB	357397	468673	19.72%	1.247%
100	15.568	2287	2292	2295	rBV	640754	831157	34.97%	2.211%

Sum of corrected areas: 37589117

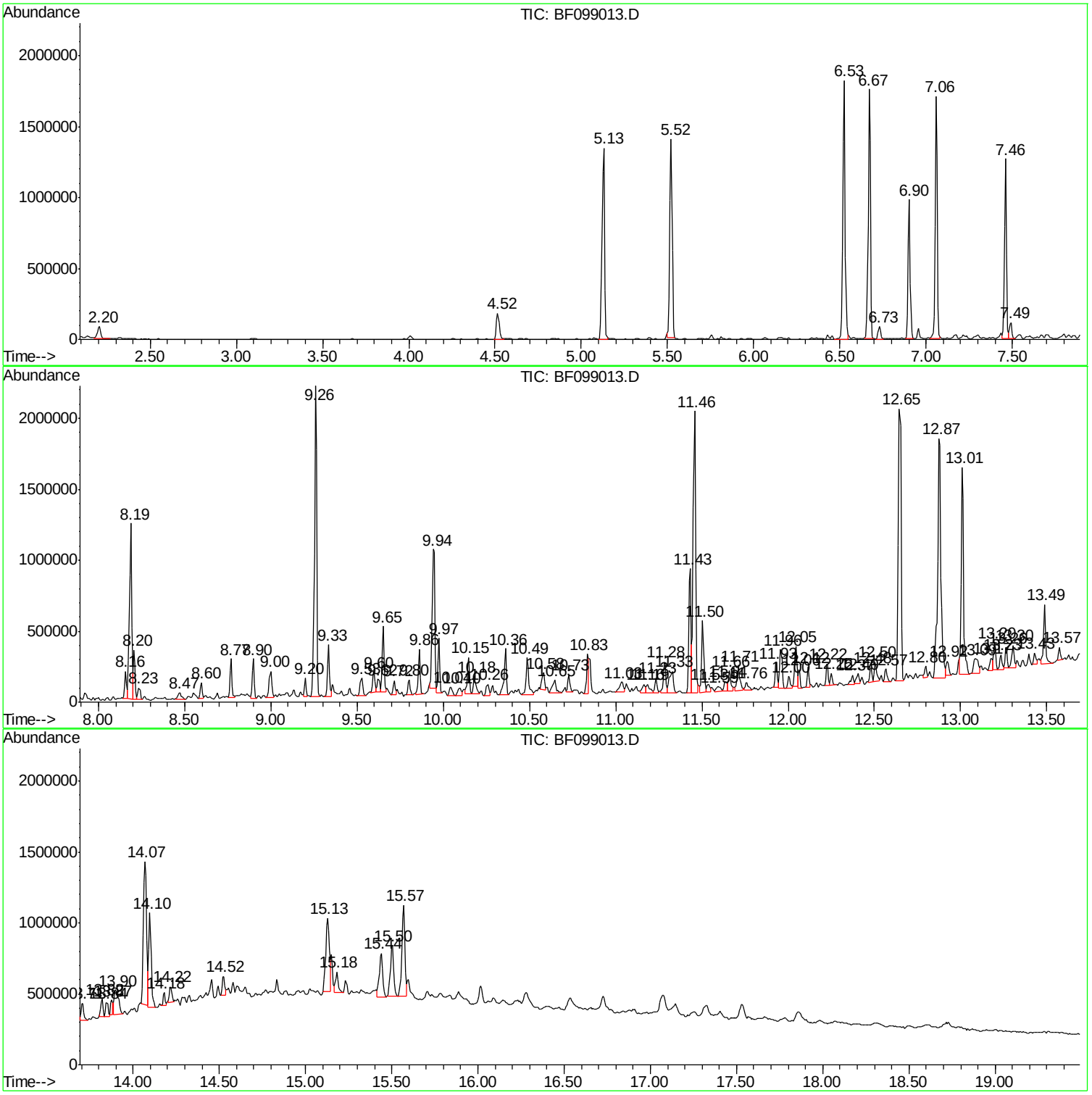
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099013.D
Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF100217\
Data File : BF099013.D
Acq On : 2 Oct 2017 21:29
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Sample : I5532-09 2X
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

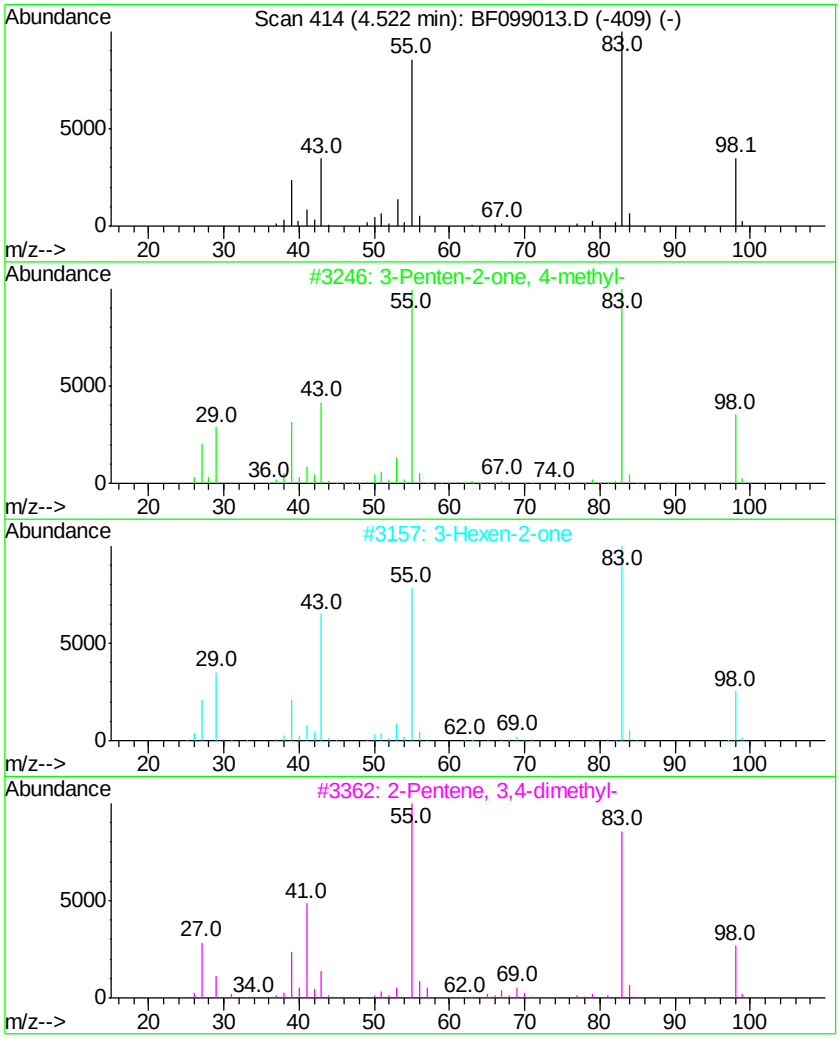
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

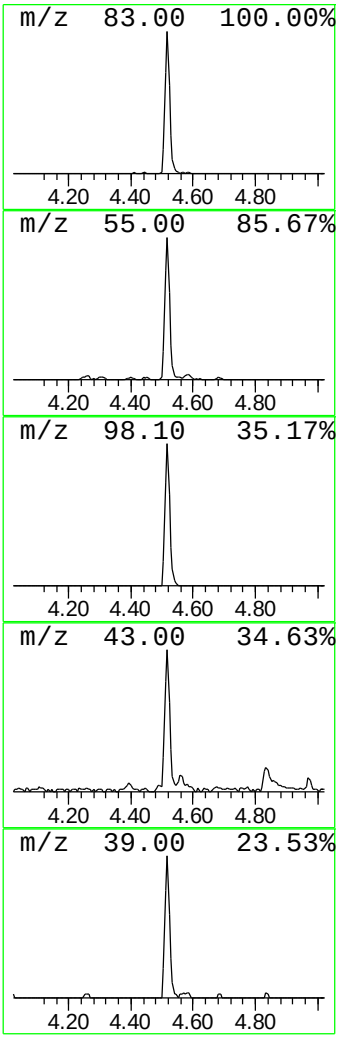
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	4.77 ng	192137	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	80
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099013.D
Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

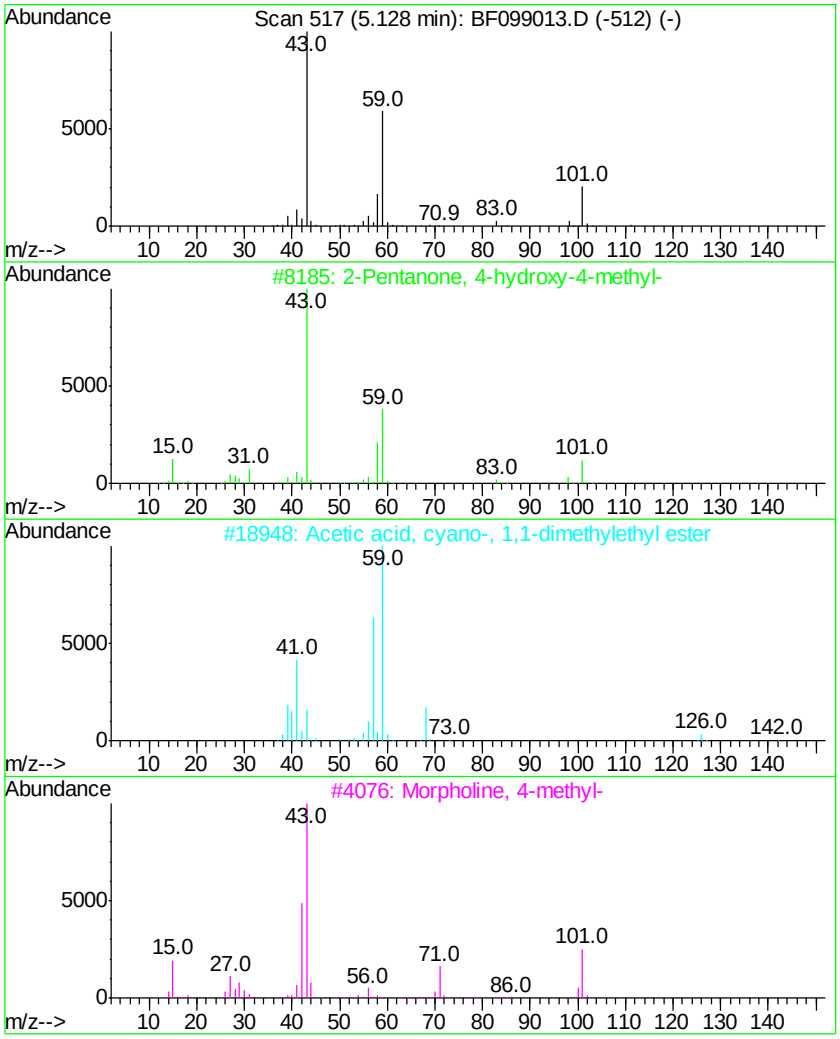
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

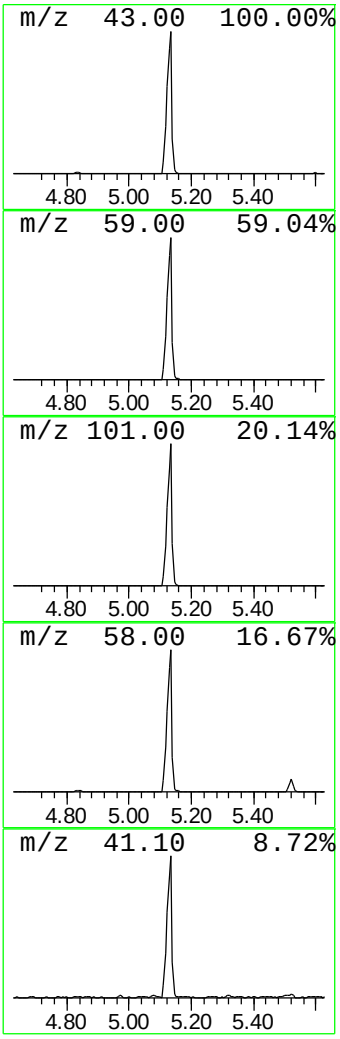
****

Peak Number 2 Propane, 1-ethoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	37.17 ng	1497390	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Misc :
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Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

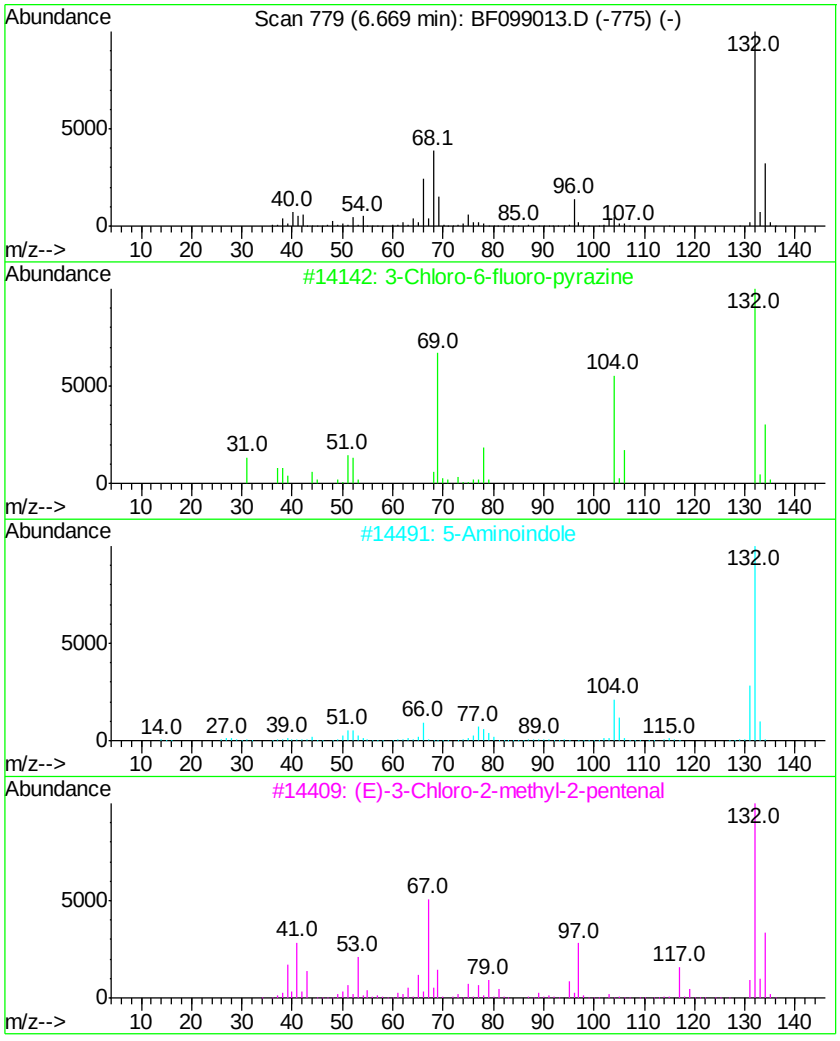
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

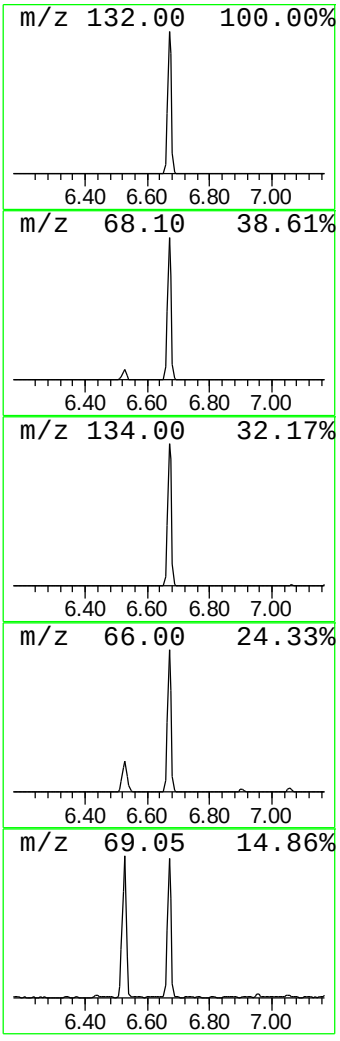
****

Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	38.04 ng	1532650	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

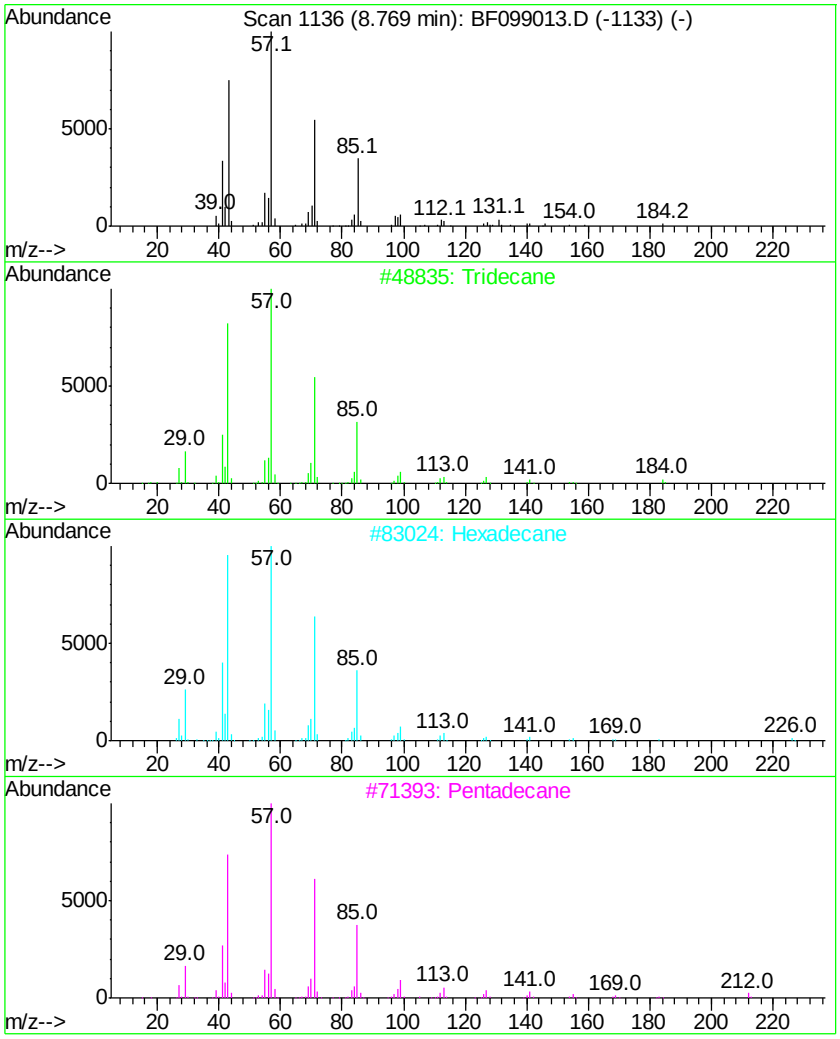
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

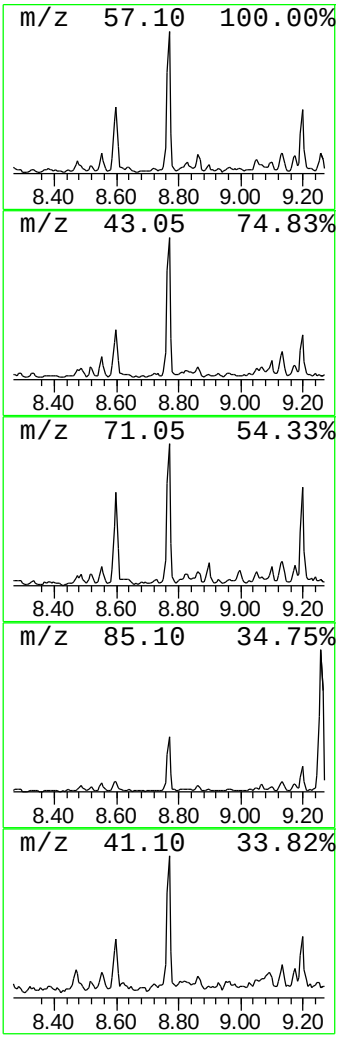
****

Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.89 ng	210073	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099013.D
Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

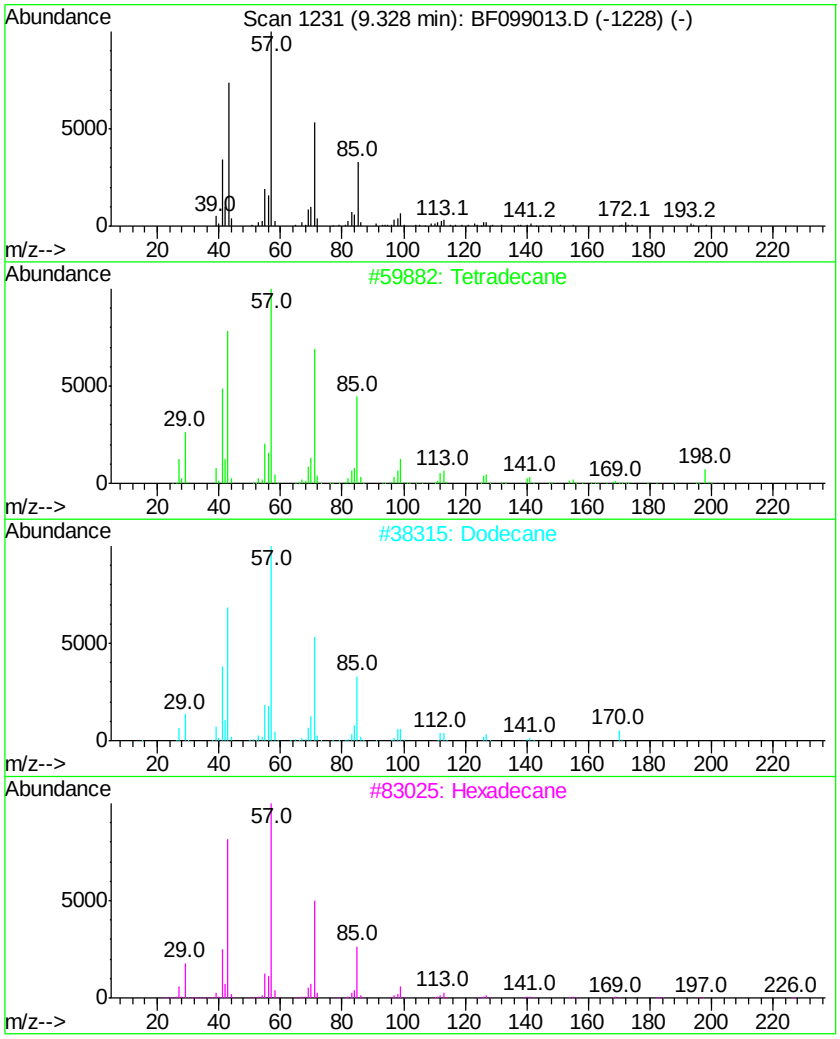
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

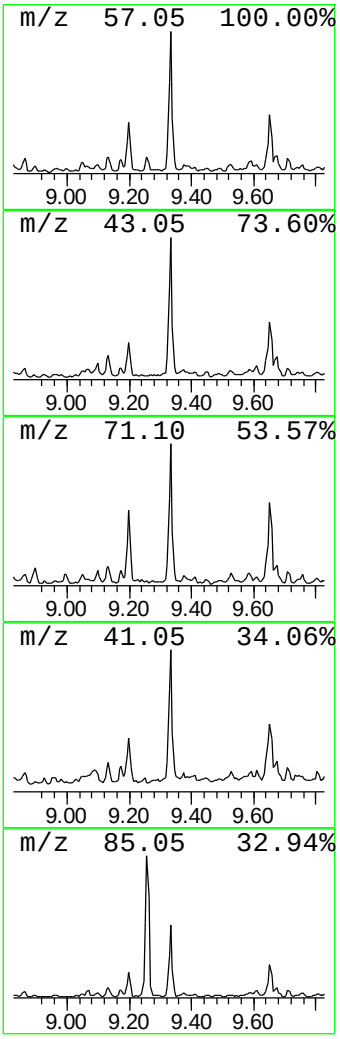
****

Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	6.83 ng	310117	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Dodecane	170	C12H26	000112-40-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	9-methylheptadecane	254	C18H38	026741-18-4	83





Library Search Compound Report

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Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

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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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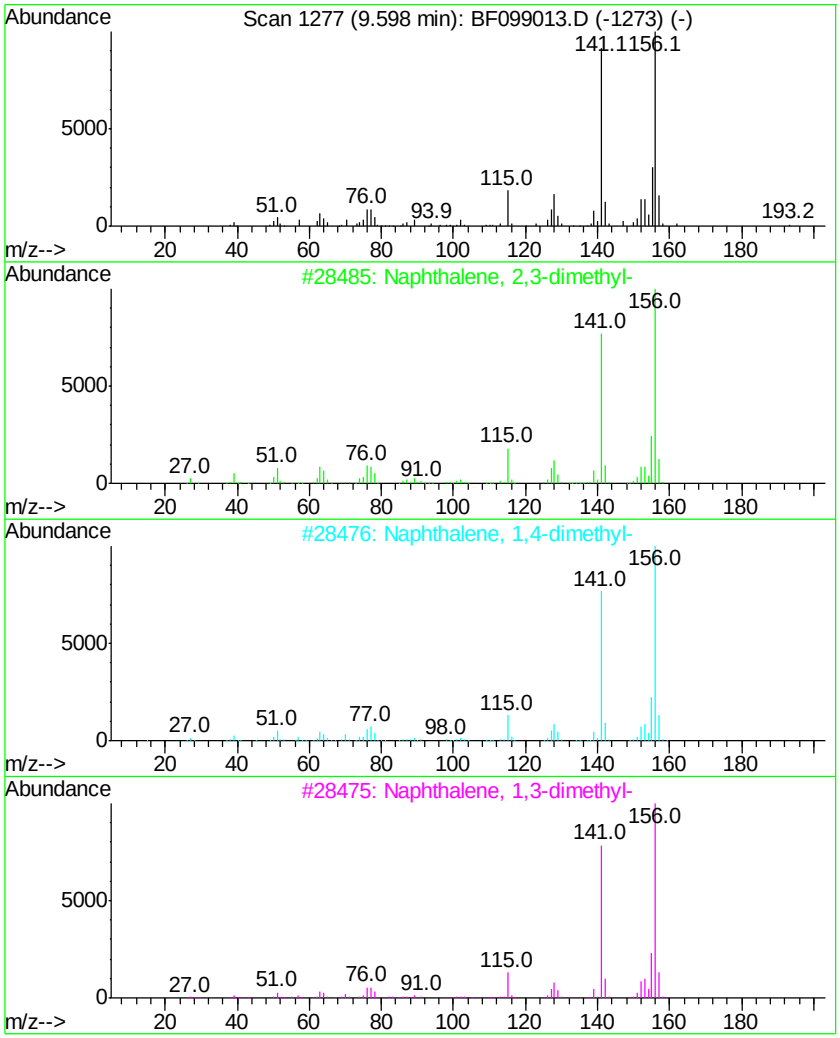
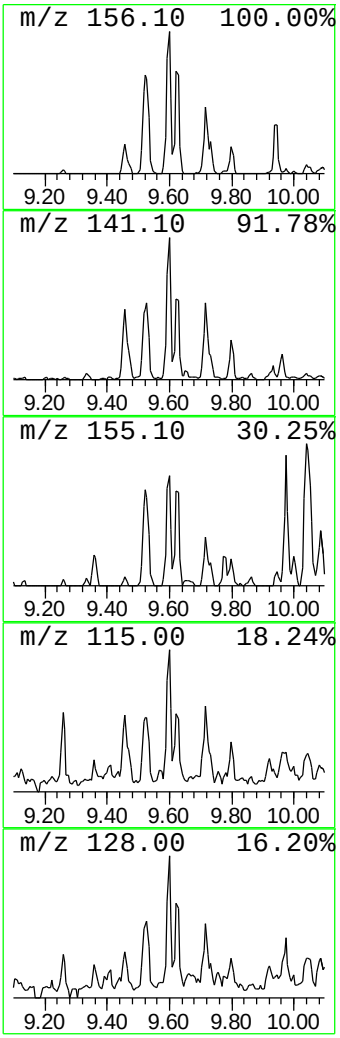
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.37 ng	153228	Acenaphthene-d10	9.94

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	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

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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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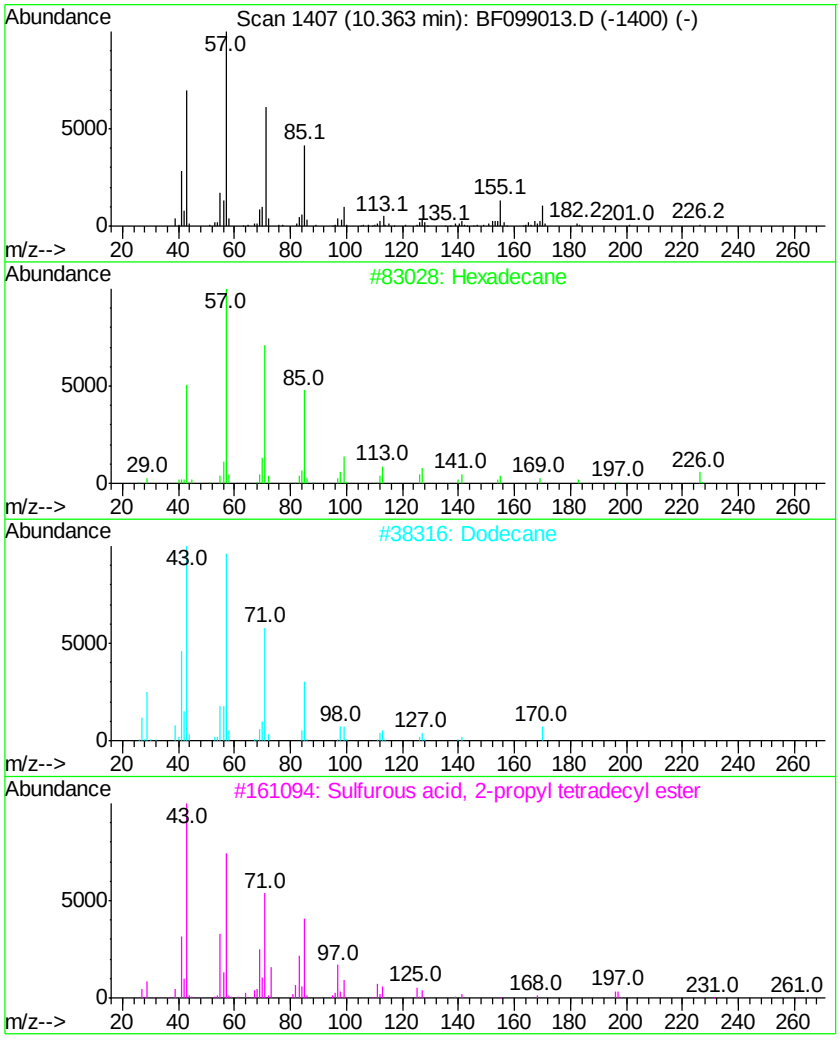
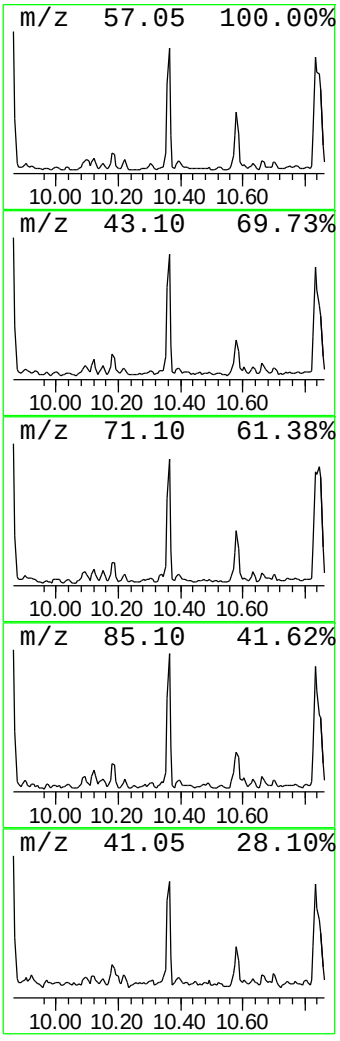
Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	7.21 ng	327668	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane	170	C12H26	000112-40-3	80
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	64





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Instrument : BNA_F
ClientSampleId : G-66-0-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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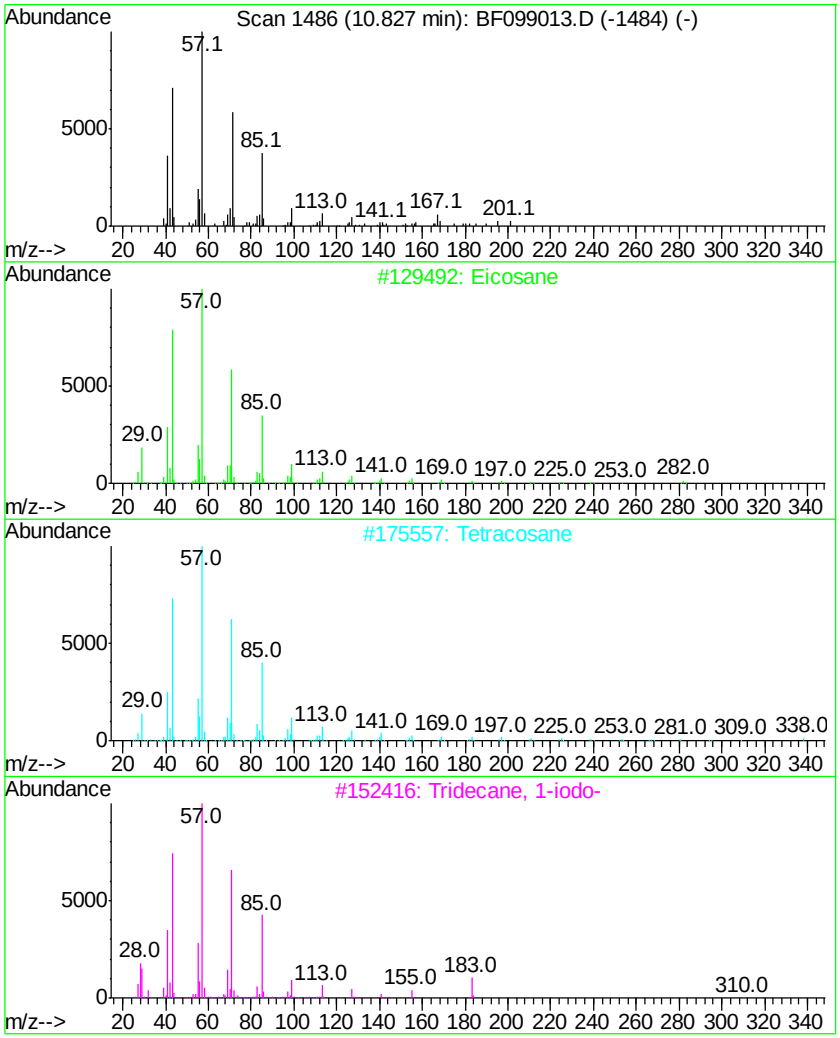
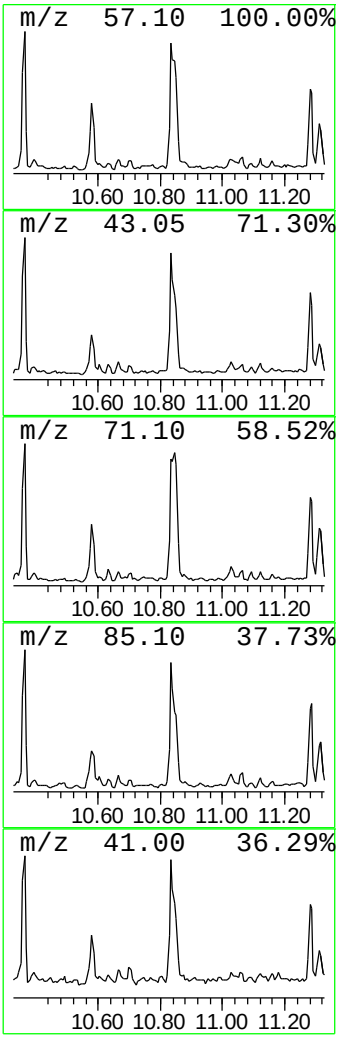
Peak Number 10 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	5.29 ng	219063	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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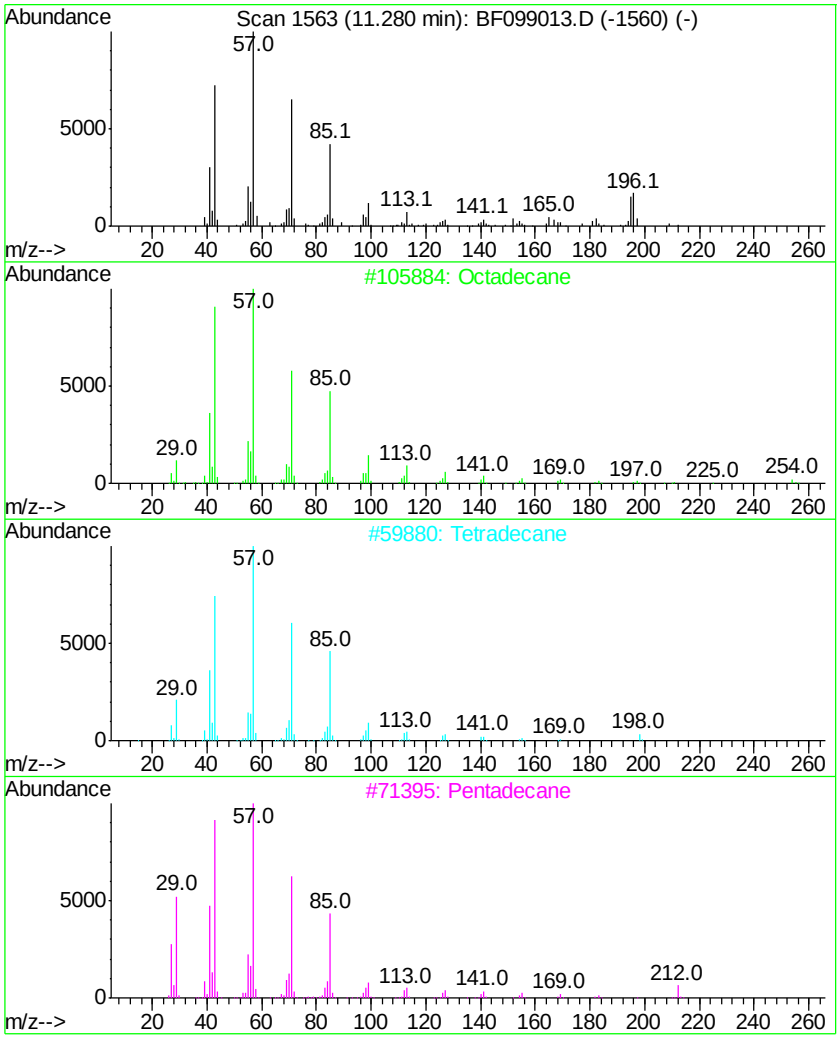
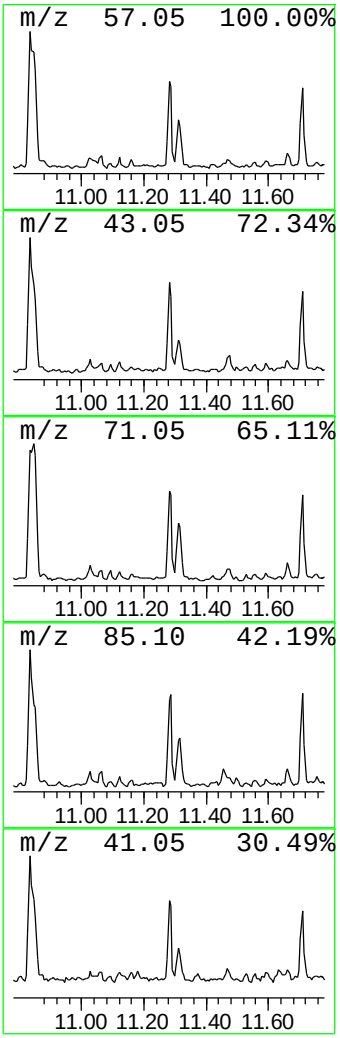
Peak Number 11 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	5.45 ng	225464	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	68
2	Tetradecane	198	C14H30	000629-59-4	68
3	Pentadecane	212	C15H32	000629-62-9	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : G-66-0-1

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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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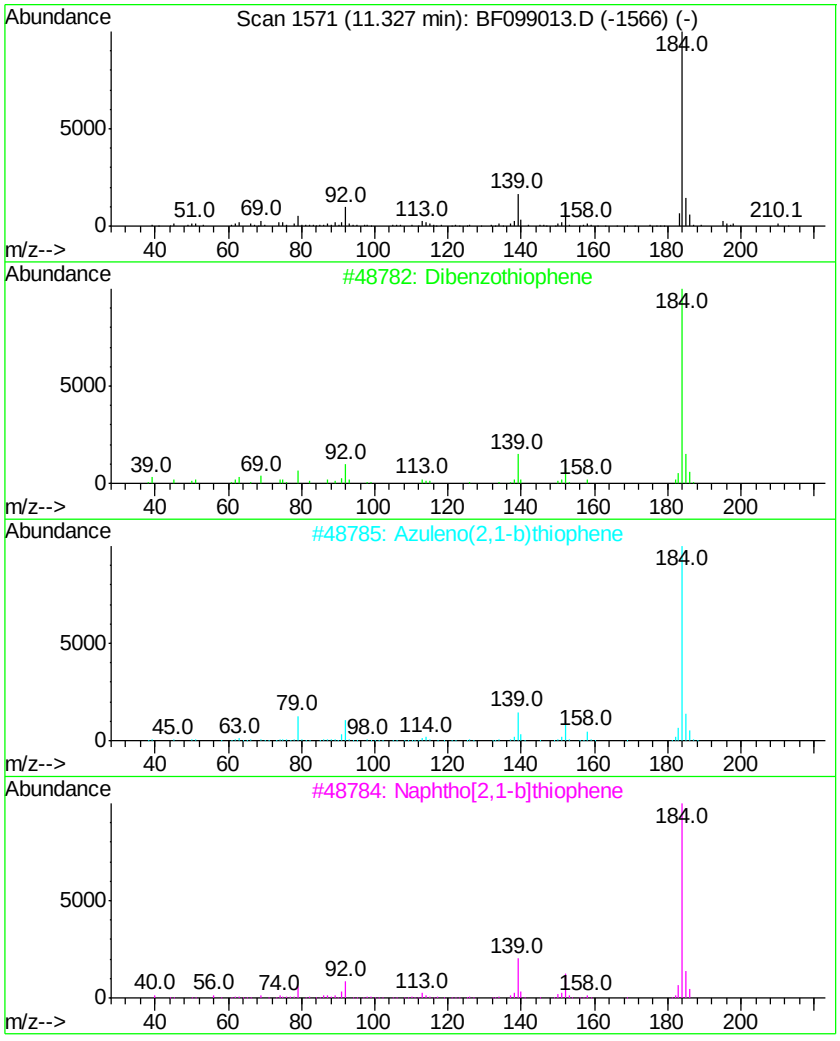
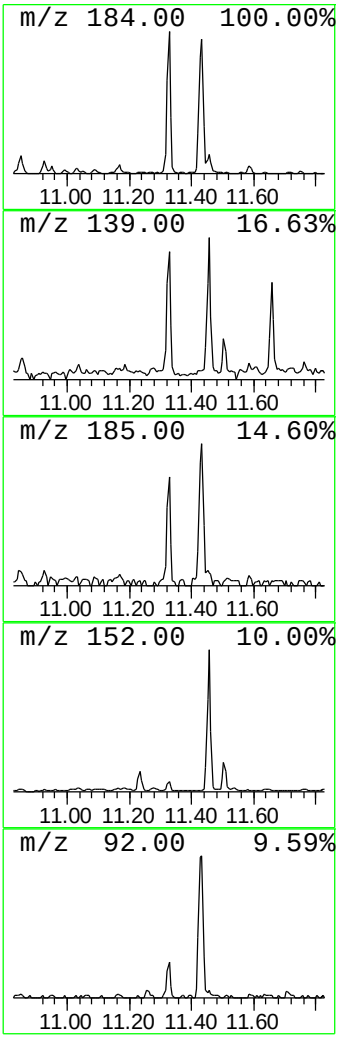
Peak Number 12 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.54 ng	229099	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93





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Instrument : BNA_F
ClientSampleId : G-66-0-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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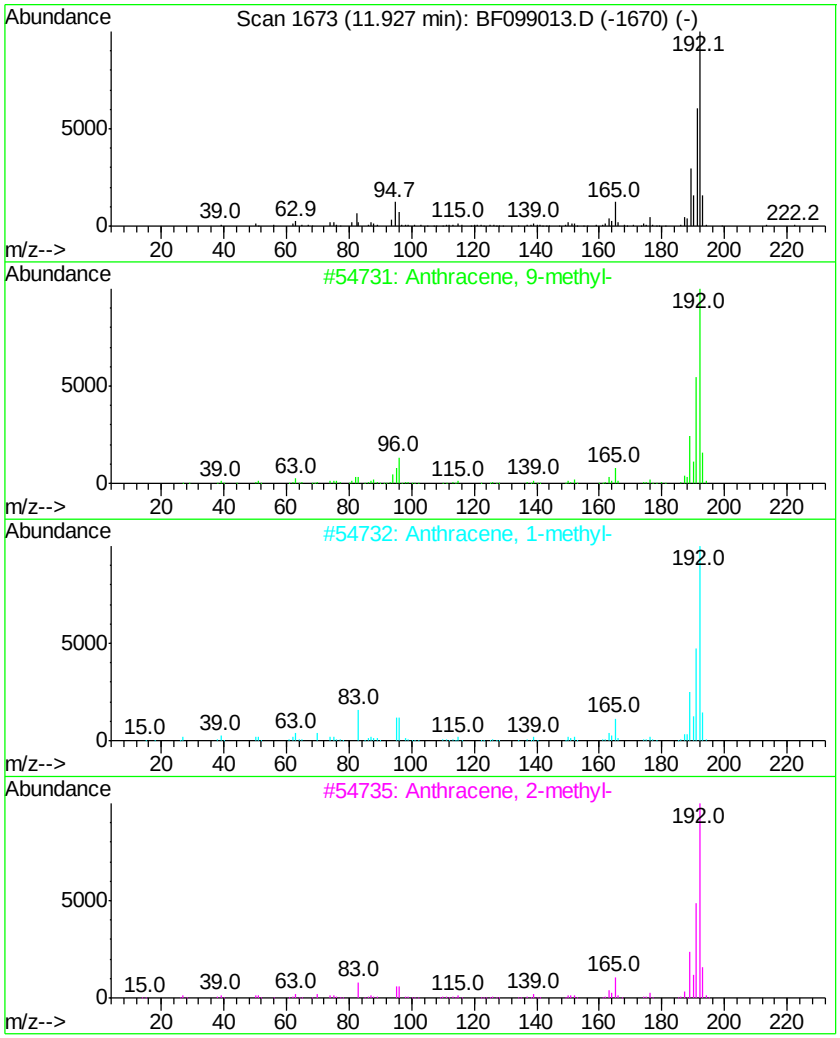
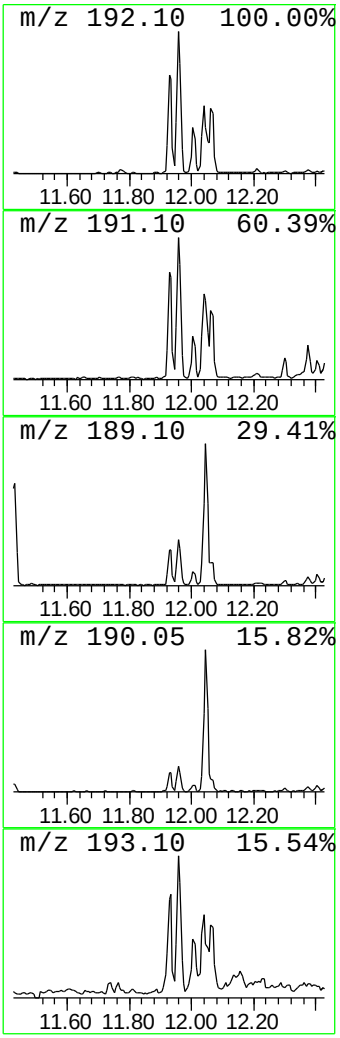
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.24 ng	175489	Phenanthrene-d10	11.43

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





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Sample : I5532-09 2X
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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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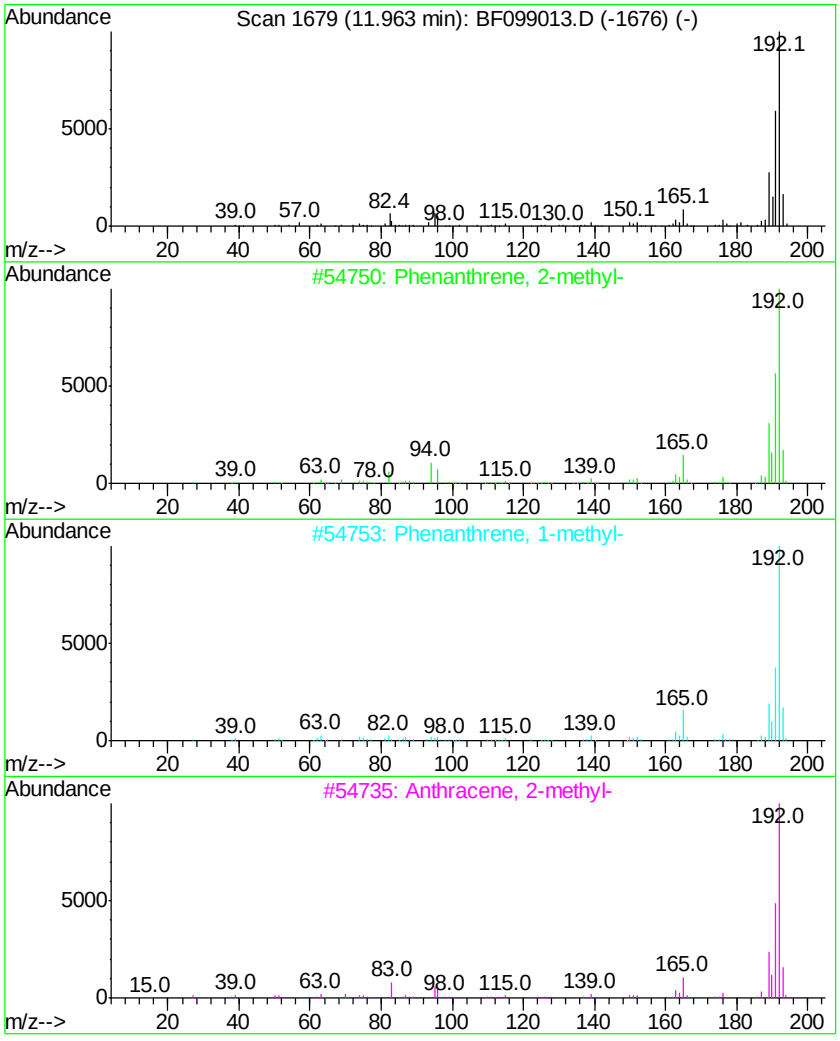
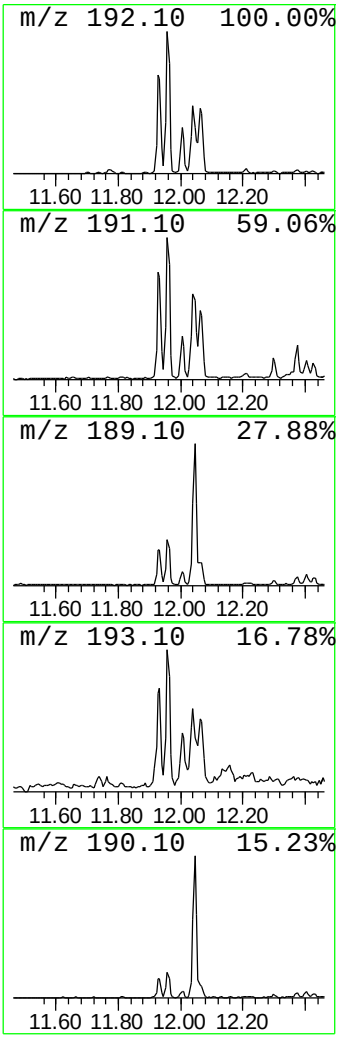
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.52 ng	228632	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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

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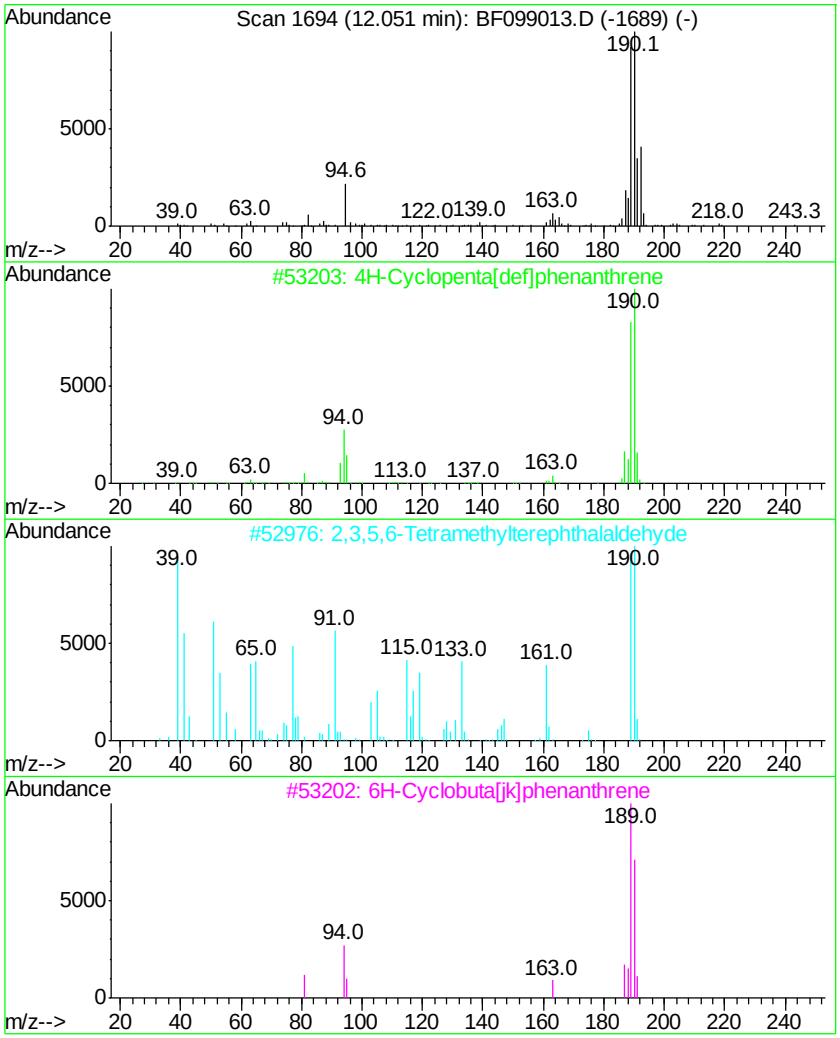
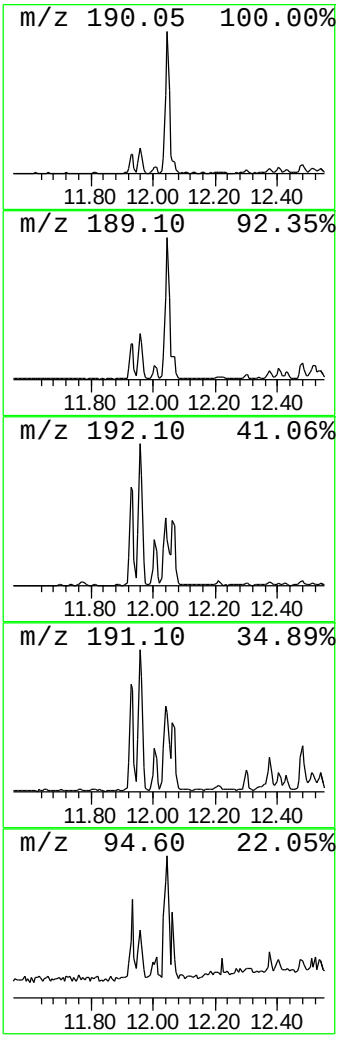
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.40 ng	306440	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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TIC Library : C:\DATABASE\NIST11.L
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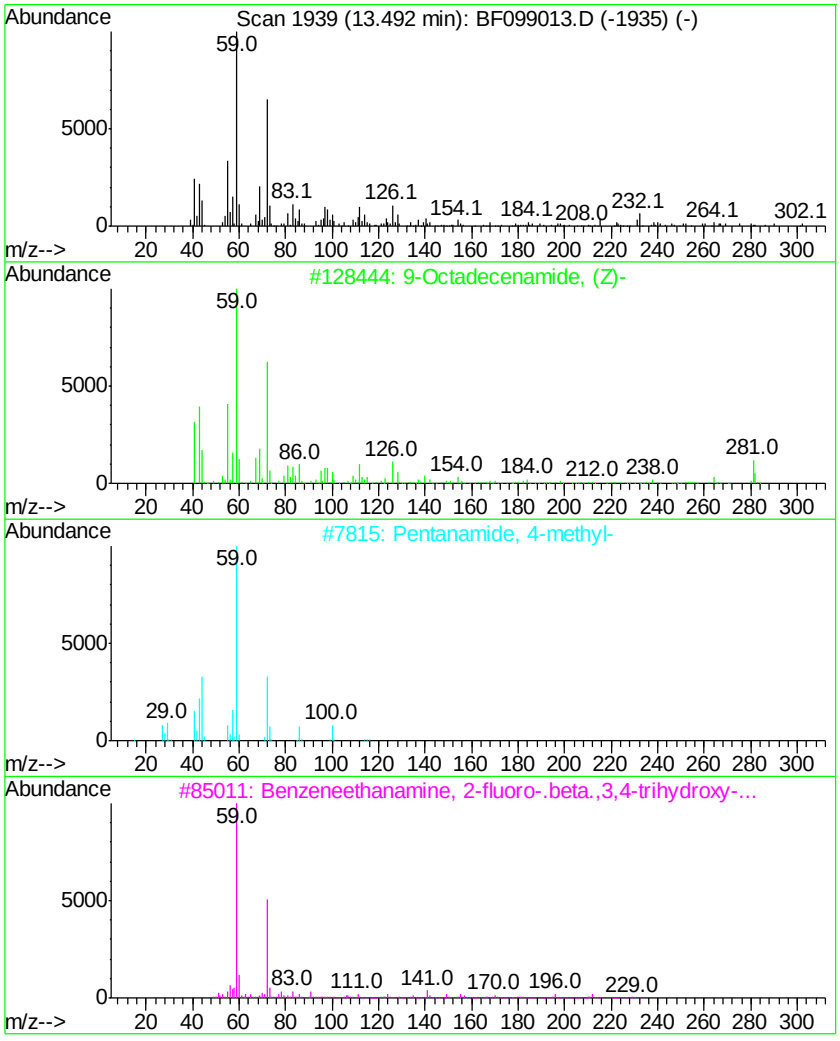
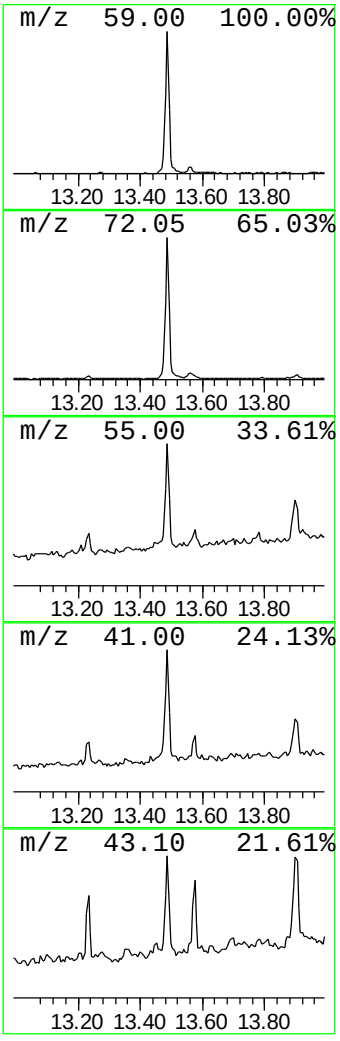
Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	5.20 ng	371200	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	Nonanamide	157	C9H19NO	001120-07-6	59





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

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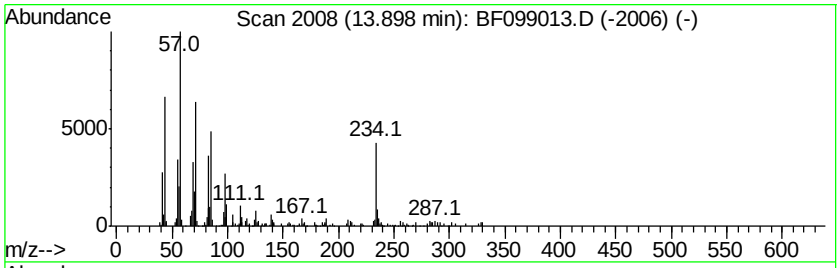
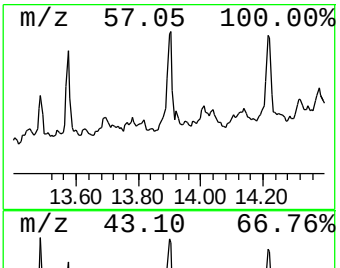
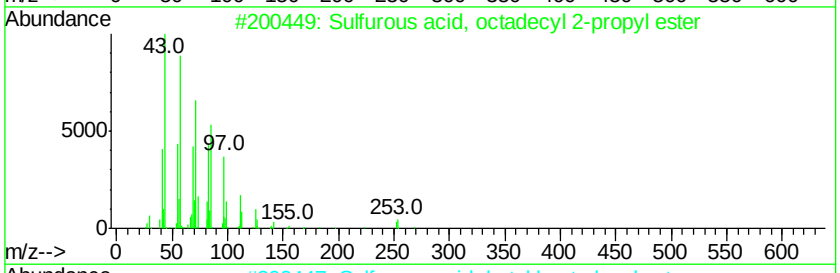
Peak Number 19 Sulfurous acid, octadecyl 2... Concentration Rank 18

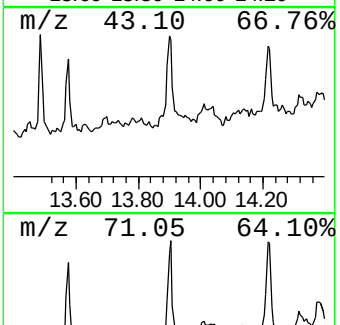
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.83 ng	273699	Chrysene-d12	14.07

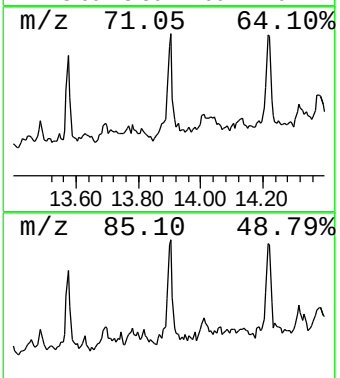
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	58
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	53
3	Tetratetracontane	619	C44H90	007098-22-8	50
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	43
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	43

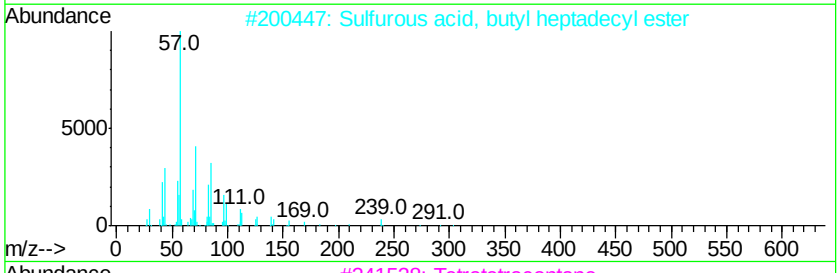


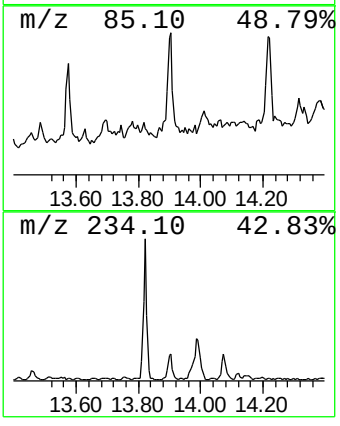


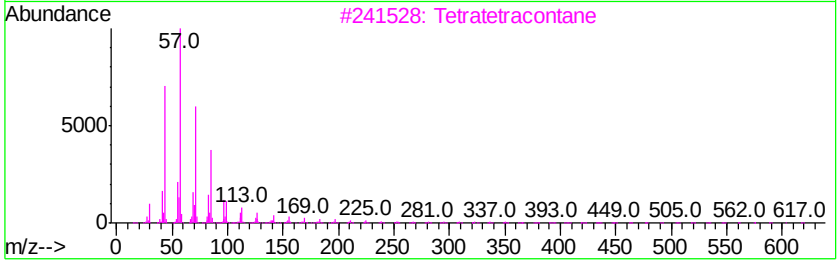












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Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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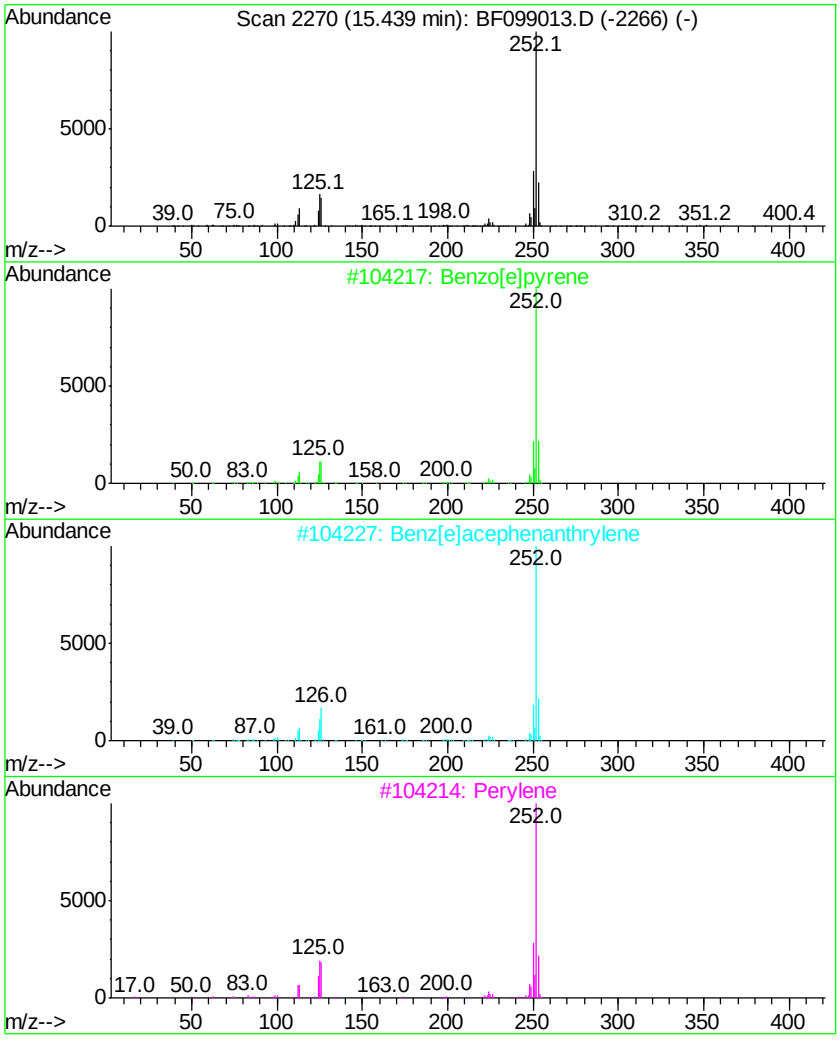
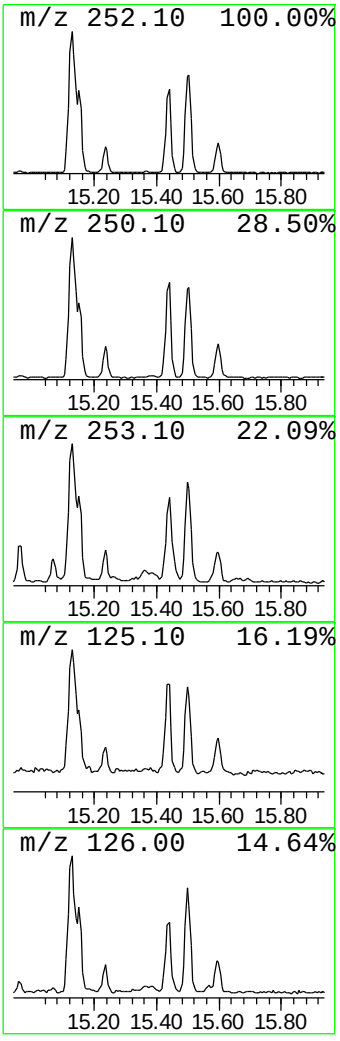
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	9.83 ng	408413	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099013.D
Acq On : 2 Oct 2017 21:29
Operator : SJ/JU
Sample : I5532-09 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-0-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
3-Penten-2-one, 4...	4.52	4.8	ng	192137	1	6.90	805736	20.0
Propane, 1-ethoxy...	5.13	37.2	ng	1497390	1	6.90	805736	20.0
unknown6.67	6.67	38.0	ng	1532650	1	6.90	805736	20.0
Tridecane	8.77	3.9	ng	210073	2	8.19	1079040	20.0
Tetradecane	9.33	6.8	ng	310117	3	9.94	908589	20.0
Naphthalene, 2,3-...	9.60	3.4	ng	153228	3	9.94	908589	20.0
Hexadecane	10.36	7.2	ng	327668	3	9.94	908589	20.0
Eicosane	10.83	5.3	ng	219063	4	11.43	827772	20.0
Octadecane	11.28	5.5	ng	225464	4	11.43	827772	20.0
Dibenzothiophene	11.33	5.5	ng	229099	4	11.43	827772	20.0
Anthracene, 9-met...	11.93	4.2	ng	175489	4	11.43	827772	20.0
Phenanthrene, 2-m...	11.96	5.5	ng	228632	4	11.43	827772	20.0
4H-Cyclopenta[def...	12.05	7.4	ng	306440	4	11.43	827772	20.0
9-Octadecenamide,...	13.49	5.2	ng	371200	5	14.07	1428510	20.0
Sulfurous acid, o...	13.90	3.8	ng	273699	5	14.07	1428510	20.0
Benzo[e]pyrene	15.44	9.8	ng	408413	6	15.57	831157	20.0