LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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	5.069	504	507	517	rBV	188171	209379	13.61%	0.787%
2	5.469	572	575	590	rBV	1290938	1299130	84.47%	4.884%
3	6.481	743	747	757	rBV	1307106	1292958	84.07%	4.861%
4	6.622	767	771	774	rBV	1611190	1352455	87.94%	5.085%
5	6.851	806	810	814	rBV	842677	670167	43.57%	2.520%
6	7.004	833	836	840	rBV	1185407	1068137	69.45%	4.016%
7	7.416	902	906	909	rBV	880421	779878	50.71%	2.932%
8	7.639	939	944	952	rBV	20275	20618	1.34%	0.078%
9	8.133	1024	1028	1030	rBV	1100868	888958	57.80%	3.342%
10	8.151	1030	1031	1035	rVB	99266	73138	4.76%	0.275%
11	8.845	1145	1149	1155	rVB	36942	27971	1.82%	0.105%
12	8.945	1162	1166	1170	rVB	22216	18244	1.19%	0.069%
13	9.204	1206	1210	1220	rBV	1748890	1496135	97.28%	5.625%
14	9.598	1274	1277	1284	rVB	161708	124758	8.11%	0.469%
15	9.751	1299	1303	1306	rBV	18736	18264	1.19%	0.069%
16	9.810	1309	1313	1317	rBV2	16145	19362	1.26%	0.073%
17	9.886	1321	1326	1329	rVV2	1012255	874871	56.88%	3.289%
18	9.922	1329	1332	1335	rVB	118125	101536	6.60%	0.382%
19	10.092	1358	1361	1365	rBV	85047	70927	4.61%	0.267%
20	10.304	1390	1397	1400	rBV2	24070	28586	1.86%	0.107%
21	10.433	1416	1419	1425	rBV	136492	111455	7.25%	0.419%
22	10.592	1444	1446	1452	rVB2	35213	34854	2.27%	0.131%
23	10.674	1456	1460	1466	rBV	717066	646511	42.04%	2.431%
24	10.780	1475	1478	1487	rVB4	55592	72413	4.71%	0.272%
25	10.980	1506	1512	1515	rBV3	26153	44071	2.87%	0.166%
26	11.110	1528	1534	1535	rBV4	14057	19715	1.28%	0.074%
27	11.180	1543	1546	1550	rVB	79209	65282	4.24%	0.245%
28	11.227	1550	1554	1557	rVV3	50509	55505	3.61%	0.209%
29	11.269	1557	1561	1565	rVB	73980	80538	5.24%	0.303%
30	11.374	1575	1579	1581	rBV	840801	752570	48.93%	2.829%
31	11.398	1581	1583	1587	rVV	1243155	1066345	69.33%	4.009%
32	11.451	1587	1592	1595	rVV	300815	262033	17.04%	0.985%
33	11.486	1595	1598	1604	rVB	27494	28923	1.88%	0.109%
34	11.604	1613	1618	1624	rBV2	161009	178803	11.63%	0.672%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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	11.669	1624	1629	1633	rVV4	22546	37412	2.43%	0.141%
36	11.710	1633	1636	1640	rVB3	25480	30549	1.99%	0.115%
37	11.874	1660	1664	1666	rBV	117666	106617	6.93%	0.401%
38	11.904	1666	1669	1673	rVV	167135	151131	9.83%	0.568%
39	11.951	1674	1677	1680	rVV	52329	43191	2.81%	0.162%
40	11.986	1680	1683	1686	rVV	198918	220809	14.36%	0.830%
41	12.010	1686	1687	1692	rVB	80816	49174	3.20%	0.185%
42	12.057	1692	1695	1697	rBV	25643	22145	1.44%	0.083%
43	12.169	1711	1714	1717	rBV	106635	91387	5.94%	0.344%
44	12.198	1717	1719	1724	rVB	106931	100439	6.53%	0.378%
45	12.316	1734	1739	1742	rBV4	27243	34731	2.26%	0.131%
46	12.351	1742	1745	1747	rVV2	25622	24124	1.57%	0.091%
47	12.374	1747	1749	1751	rVB3	22131	17180	1.12%	0.065%
48	12.421	1753	1757	1760	rBV	52198	58761	3.82%	0.221%
49	12.463	1760	1764	1766	rVV3	25244	34444	2.24%	0.129%
50	12.516	1770	1773	1777	rVB2	75353	75673	4.92%	0.285%
51	12.592	1781	1786	1789	rBV	1727580	1537994	100.00%	5.782%
52	12.651	1794	1796	1798	rBV	37655	26650	1.73%	0.100%
53	12.739	1805	1811	1814	rBV3	59422	86310	5.61%	0.324%
54	12.821	1818	1825	1828	rBV	1407019	1528631	99.39%	5.747%
55	12.868	1830	1833	1837	rVB2	62836	70986	4.62%	0.267%
56	12.957	1841	1848	1850	rBV	1111442	1120133	72.83%	4.211%
57	12.974	1850	1851	1856	rVB	84277	71502	4.65%	0.269%
58	13.039	1856	1862	1865	rBV2	69719	133559	8.68%	0.502%
59	13.068	1865	1867	1869	rVV	38557	31999	2.08%	0.120%
60	13.116	1872	1875	1877	rBV3	62539	76599	4.98%	0.288%
61	13.145	1877	1880	1883	rVB	154148	147109	9.56%	0.553%
62	13.210	1888	1891	1894	rBV	133012	109571	7.12%	0.412%
63	13.245	1894	1897	1900	rVV2	84665	101037	6.57%	0.380%
64	13.274	1900	1902	1904	rVB	38434	32157	2.09%	0.121%
65	13.304	1904	1907	1910	rVB	220213	189128	12.30%	0.711%
66	13.345	1910	1914	1916	rBV	43896	45996	2.99%	0.173%
67	13.374	1916	1919	1922	rBV2	57910	63900	4.15%	0.240%
68	13.568	1949	1952	1954	rVB2	39360	38305	2.49%	0.144%
69	13.627	1960	1962	1964	rBV2	18631	17173	1.12%	0.065%
70	13.657	1964	1967	1971	rVB	96744	92853	6.04%	0.349%
71	13.763	1982	1985	1987	rBV	117771	103621	6.74%	0.390%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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	13.792	1987	1990	1992	rVB	84638	70632	4.59%	0.266%
73	13.815	1992	1994	1995	rBV	93616	75088	4.88%	0.282%
74	13.863	2000	2002	2006	rVB	121533	101269	6.58%	0.381%
75	13.933	2012	2014	2019	rVB	31449	37110	2.41%	0.140%
76	14.015	2023	2028	2031	rVV2	1018278	1503178	97.74%	5.651%
77	14.045	2031	2033	2040	rVB	610707	526342	34.22%	1.979%
78	14.121	2043	2046	2048	rBV	124545	92889	6.04%	0.349%
79	14.245	2063	2067	2070	rBV2	65366	82216	5.35%	0.309%
80	14.362	2085	2087	2089	rBV2	36801	27659	1.80%	0.104%
81	14.398	2091	2093	2096	rVB	84556	70680	4.60%	0.266%
82	14.433	2097	2099	2101	rBV2	41661	31961	2.08%	0.120%
83	14.527	2112	2115	2116	rBV2	39111	35114	2.28%	0.132%
84	14.545	2116	2118	2122	rVB3	54720	51684	3.36%	0.194%
85	14.715	2145	2147	2149	rBV2	45837	38168	2.48%	0.143%
86	14.751	2150	2153	2157	rVB2	115065	114671	7.46%	0.431%
87	14.898	2175	2178	2184	rVB3	47939	77468	5.04%	0.291%
88	15.057	2201	2205	2208	rBV	468721	698622	45.42%	2.627%
89	15.162	2220	2223	2227	rVB	71848	81323	5.29%	0.306%
90	15.251	2235	2238	2240	rBV3	35613	42286	2.75%	0.159%
91	15.362	2253	2257	2263	rVB	280789	353712	23.00%	1.330%
92	15.427	2263	2268	2273	rVB	380988	455806	29.64%	1.714%
93	15.486	2273	2278	2282	rBV	456183	618023	40.18%	2.324%
94	15.521	2282	2284	2290	rVB	124264	141326	9.19%	0.531%
95	15.909	2347	2350	2357	rVB5	29523	44397	2.89%	0.167%
96	16.409	2432	2435	2443	rVB6	39896	70901	4.61%	0.267%
97	16.968	2524	2530	2540	rVB2	163871	333242	21.67%	1.253%
98	17.415	2601	2606	2617	rVB	116493	245177	15.94%	0.922%

Sum of corrected areas: 26598414

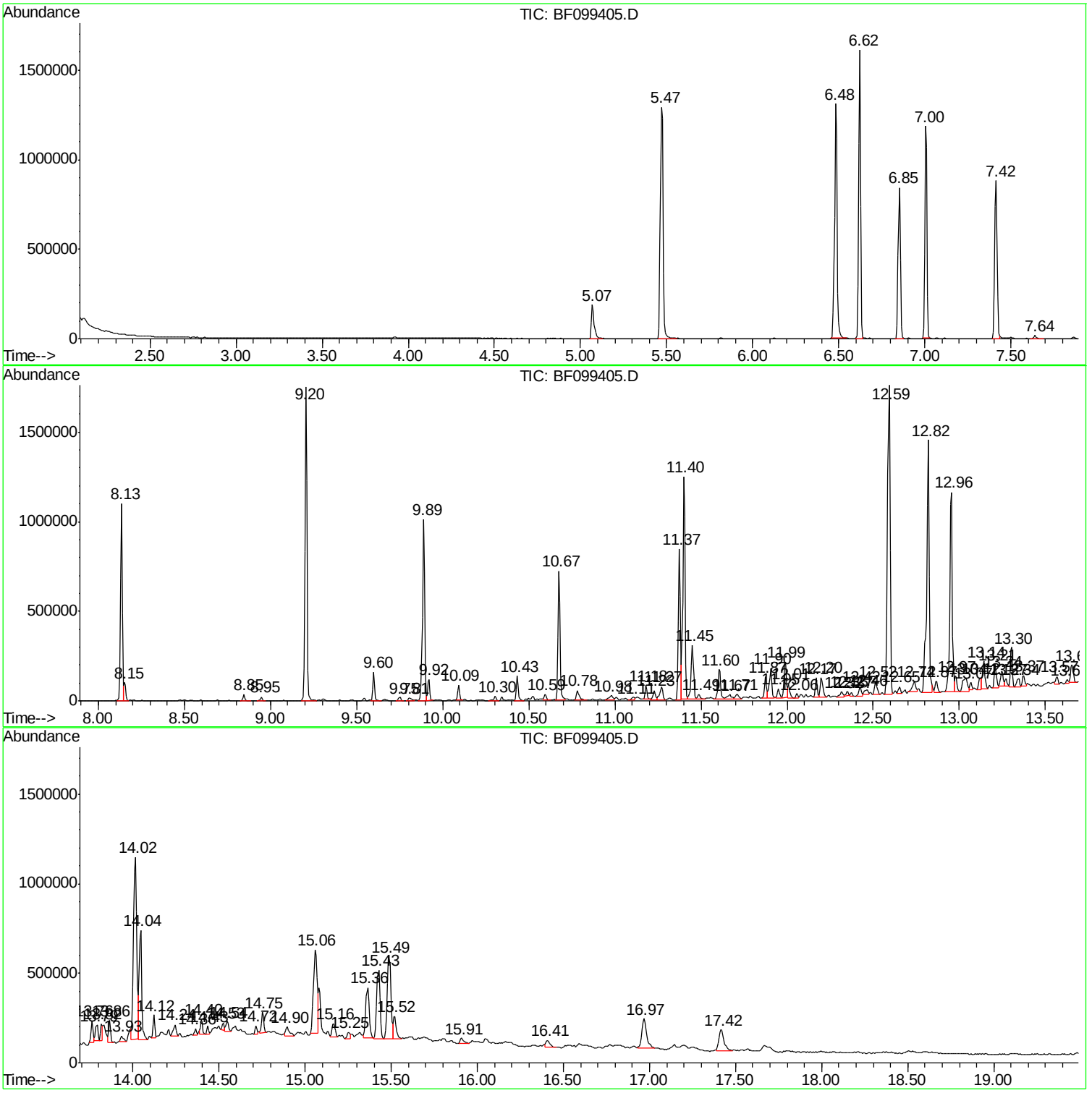
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

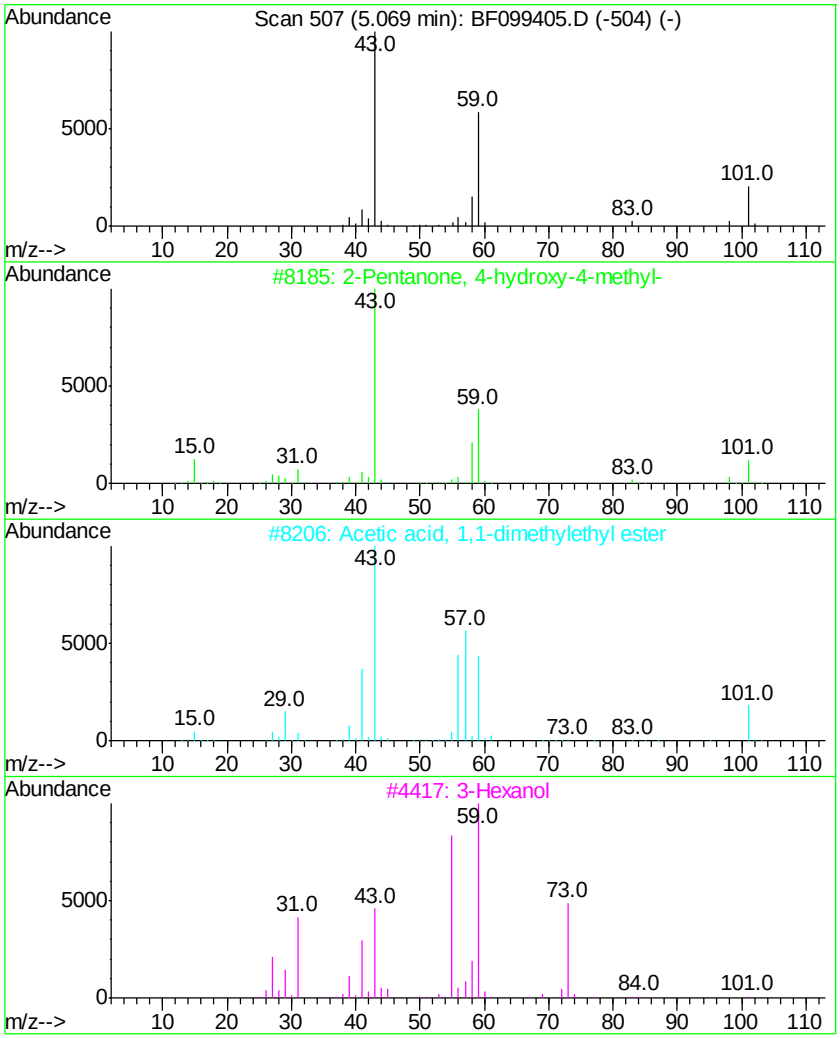
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

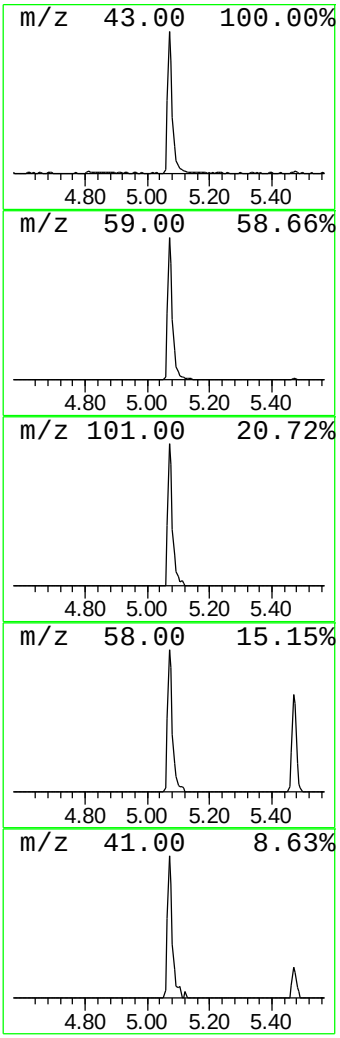
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.25 ng	209379	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

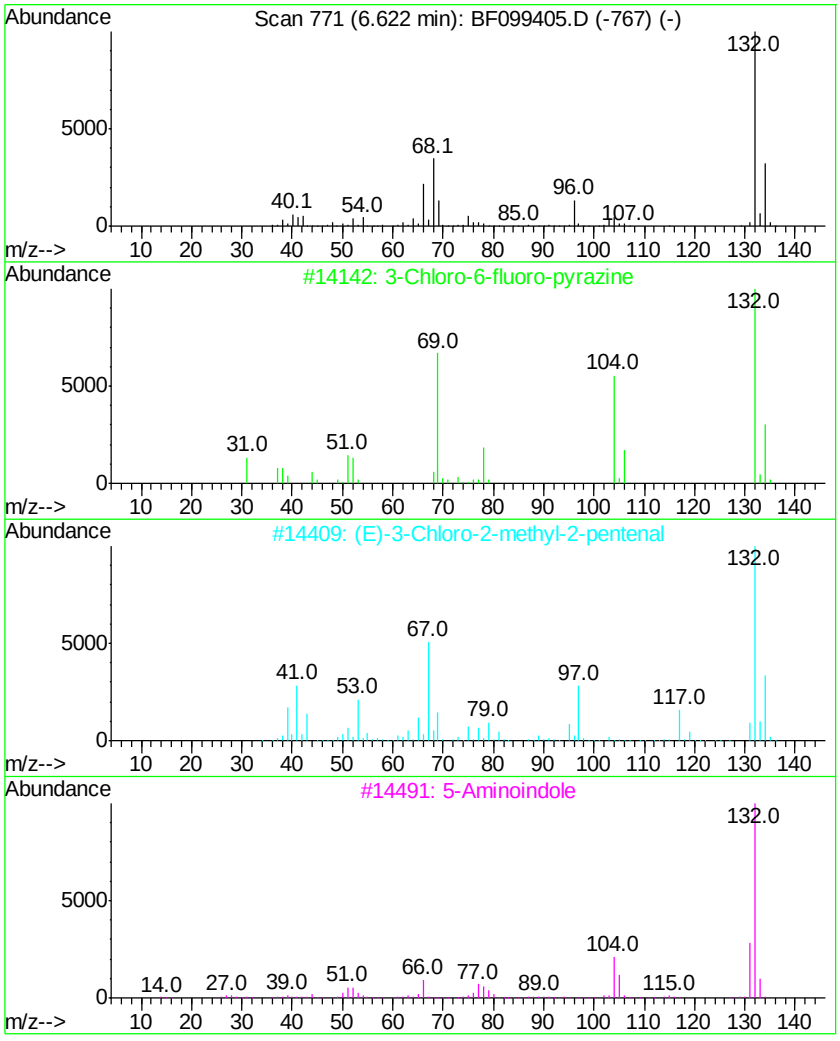
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

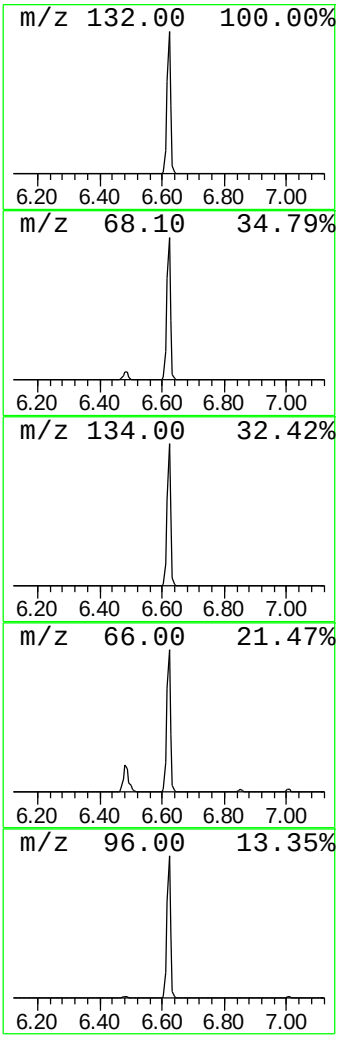
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	40.36 ng	1352460	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

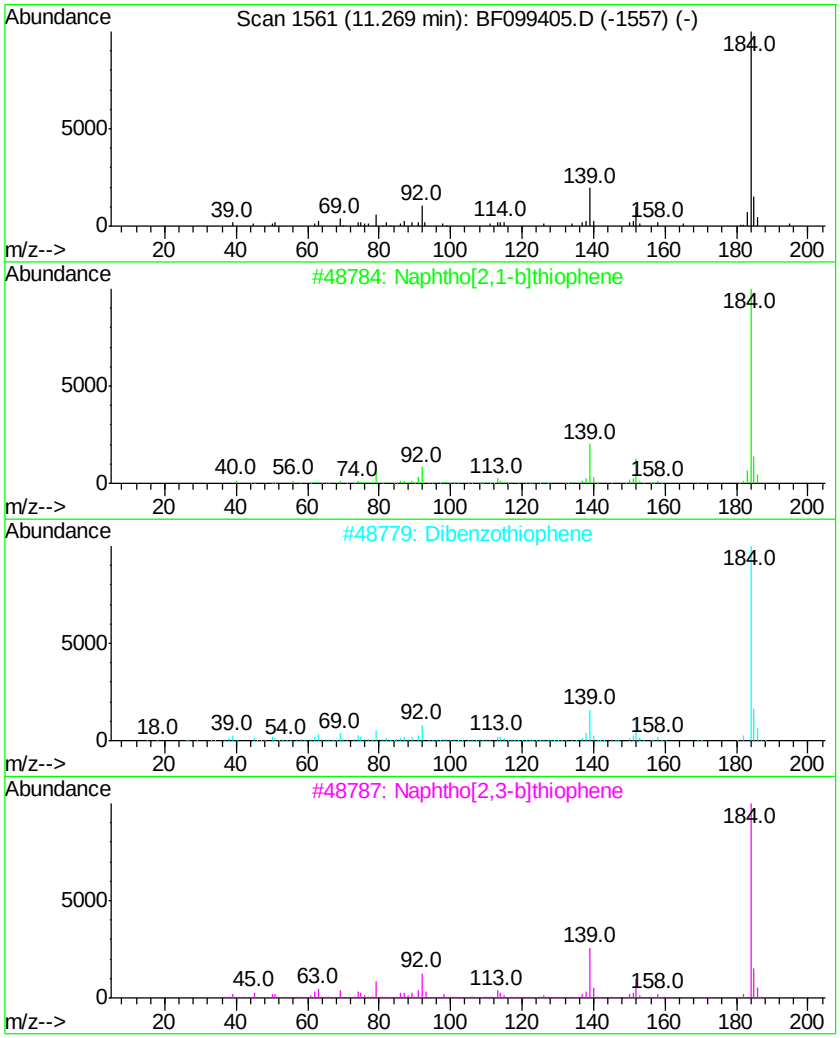
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

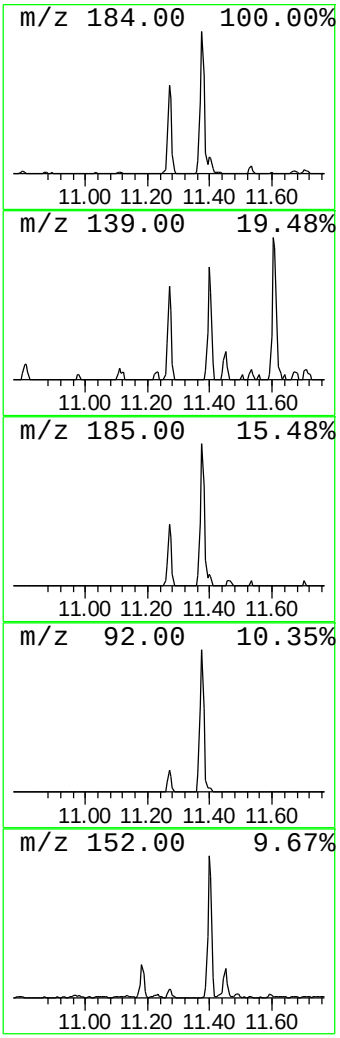
****

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.14 ng	80538	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

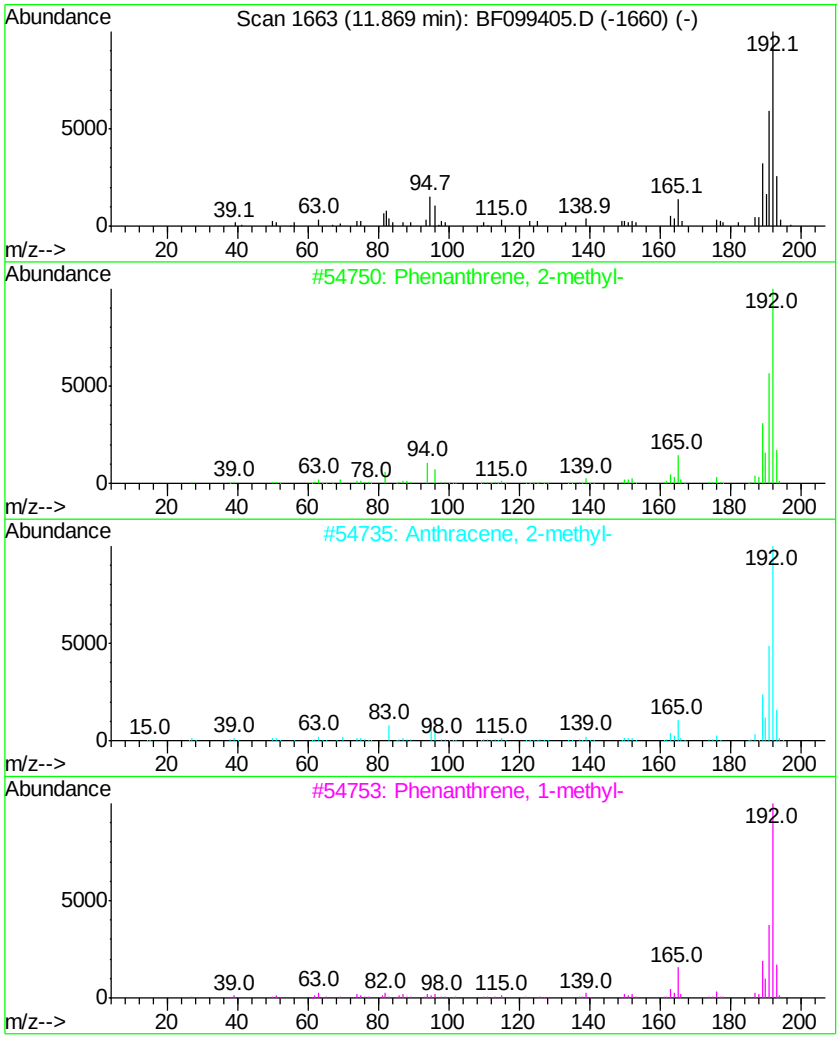
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

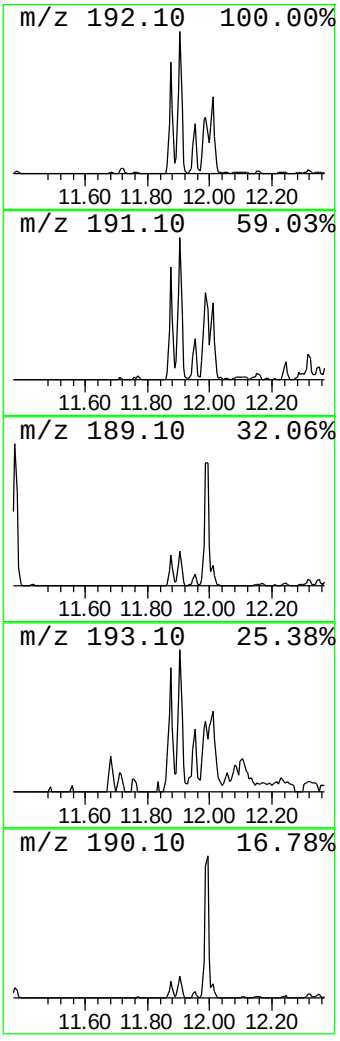
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.83 ng	106617	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

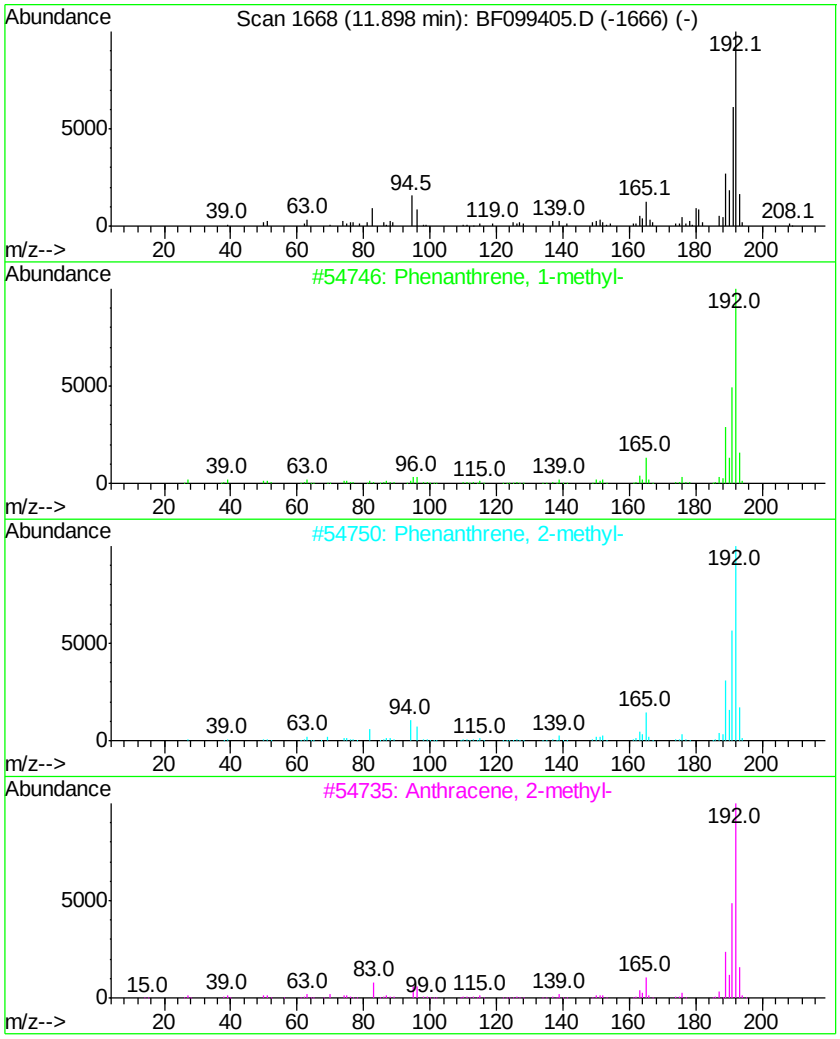
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

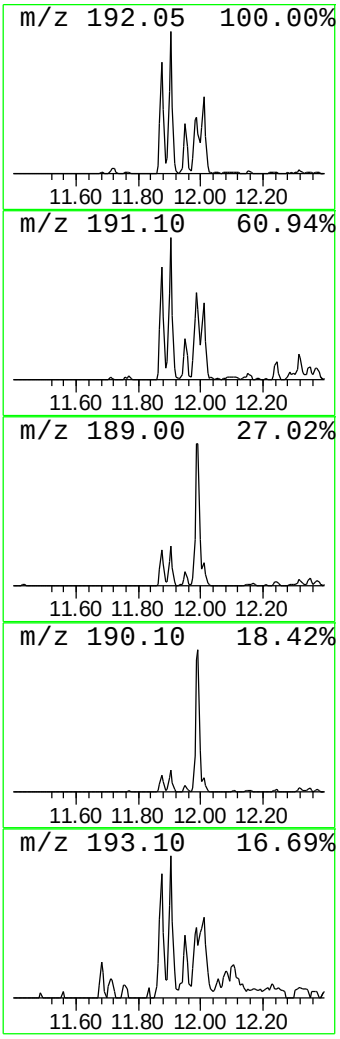
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.02 ng	151131	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

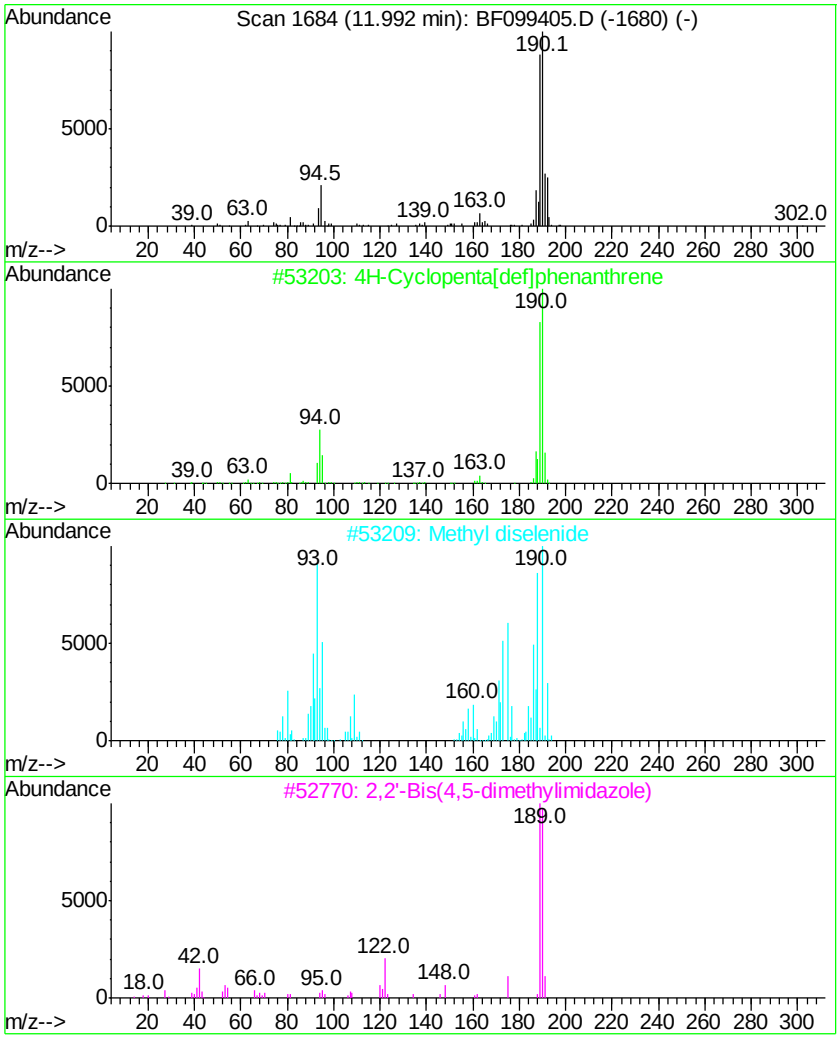
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

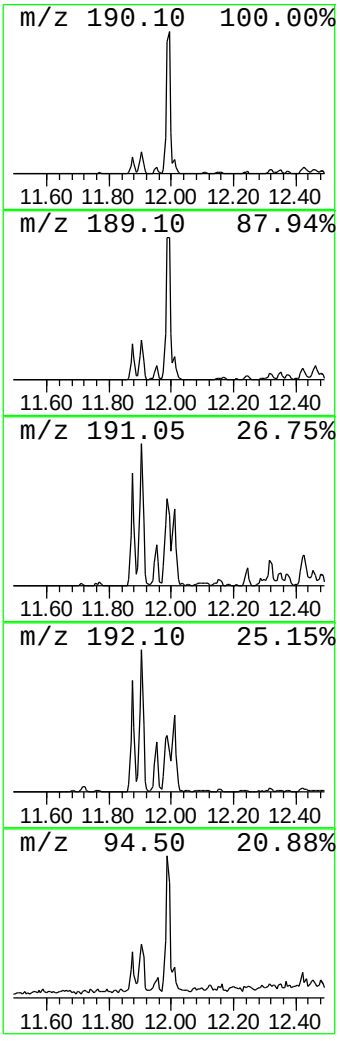
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.87 ng	220809	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

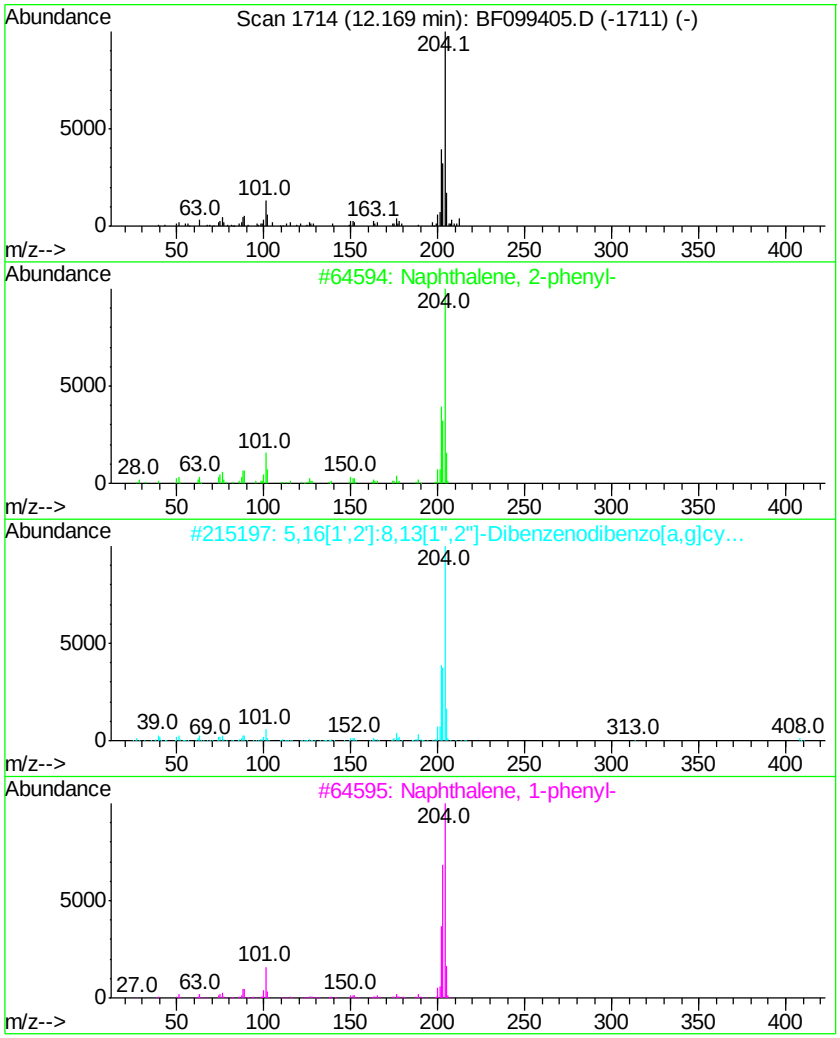
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

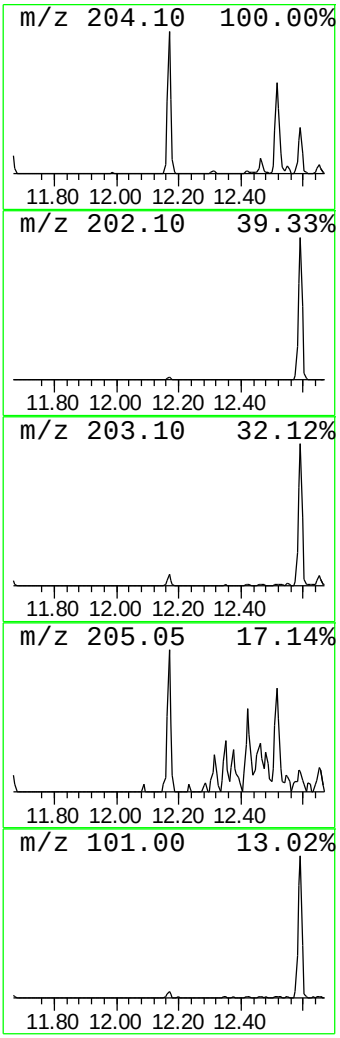
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.43 ng	91387	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

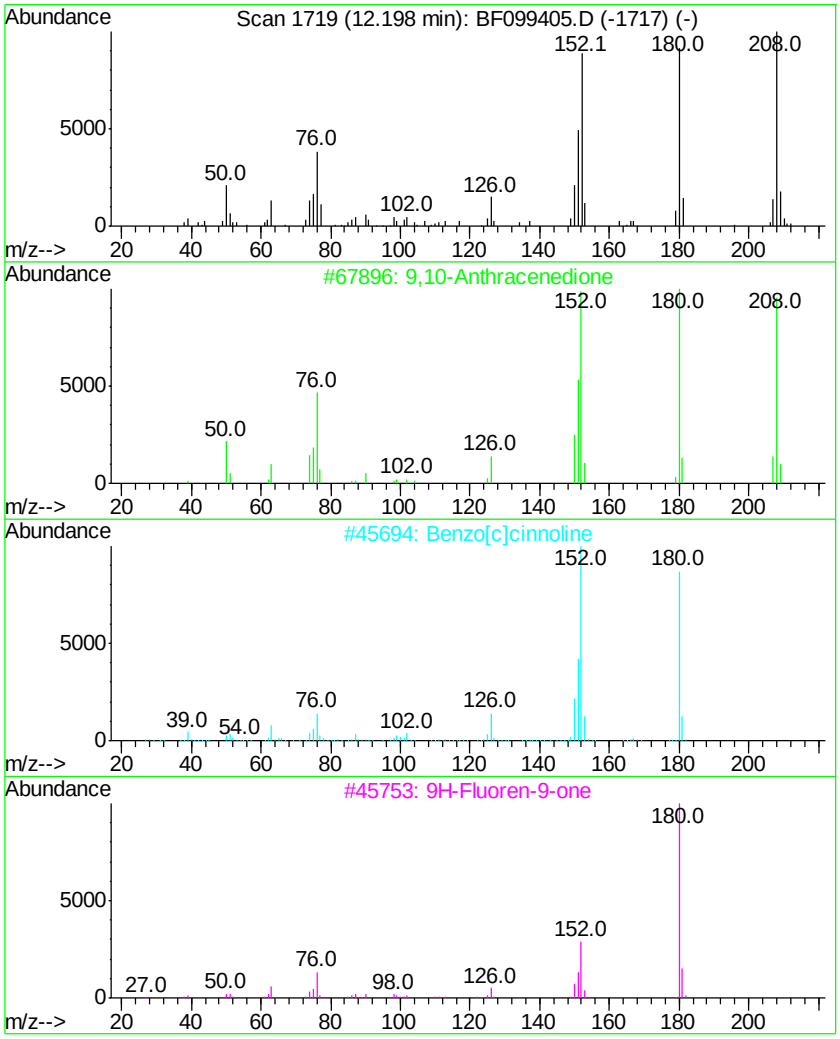
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

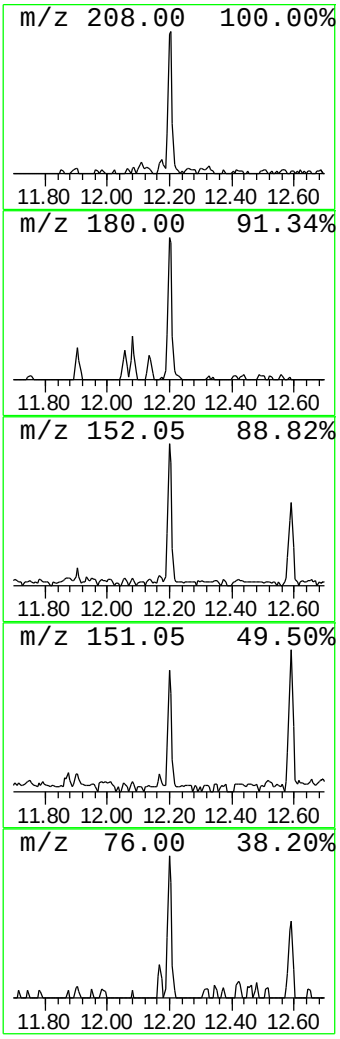
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.67 ng	100439	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

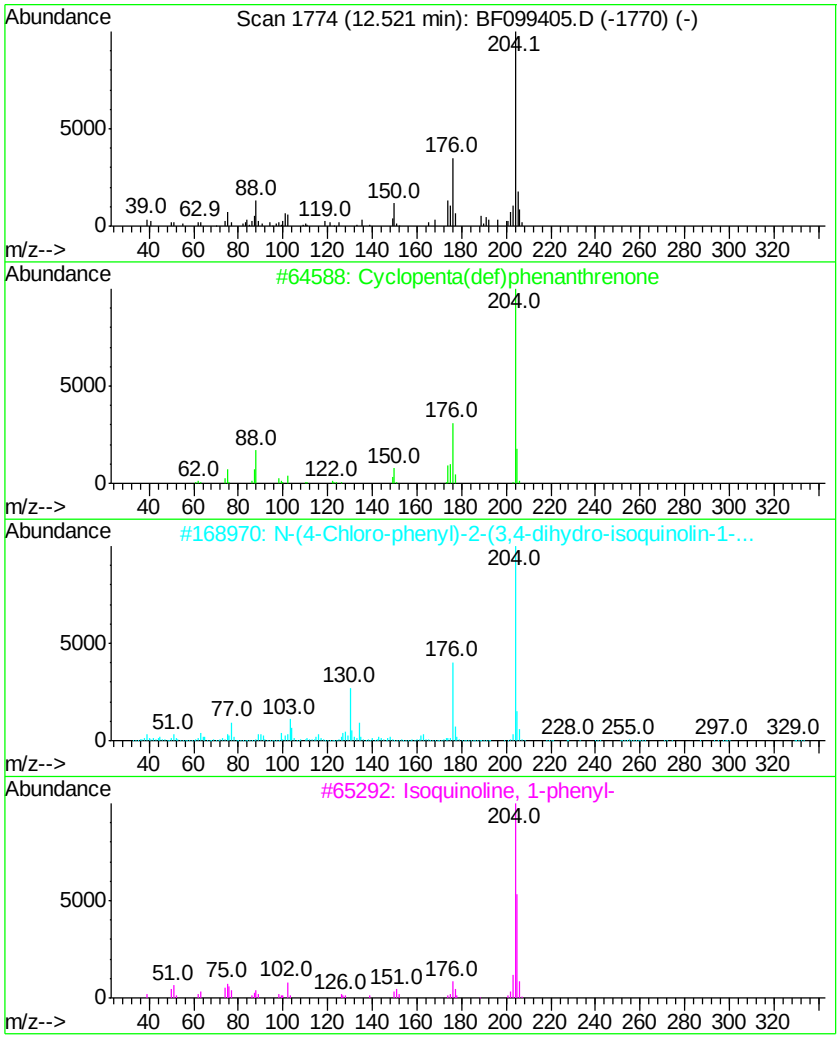
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

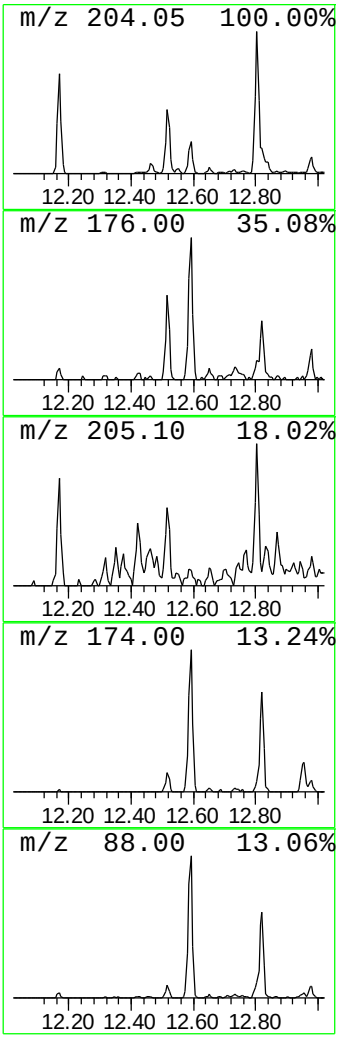
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.01 ng	75673	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	50
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	40
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

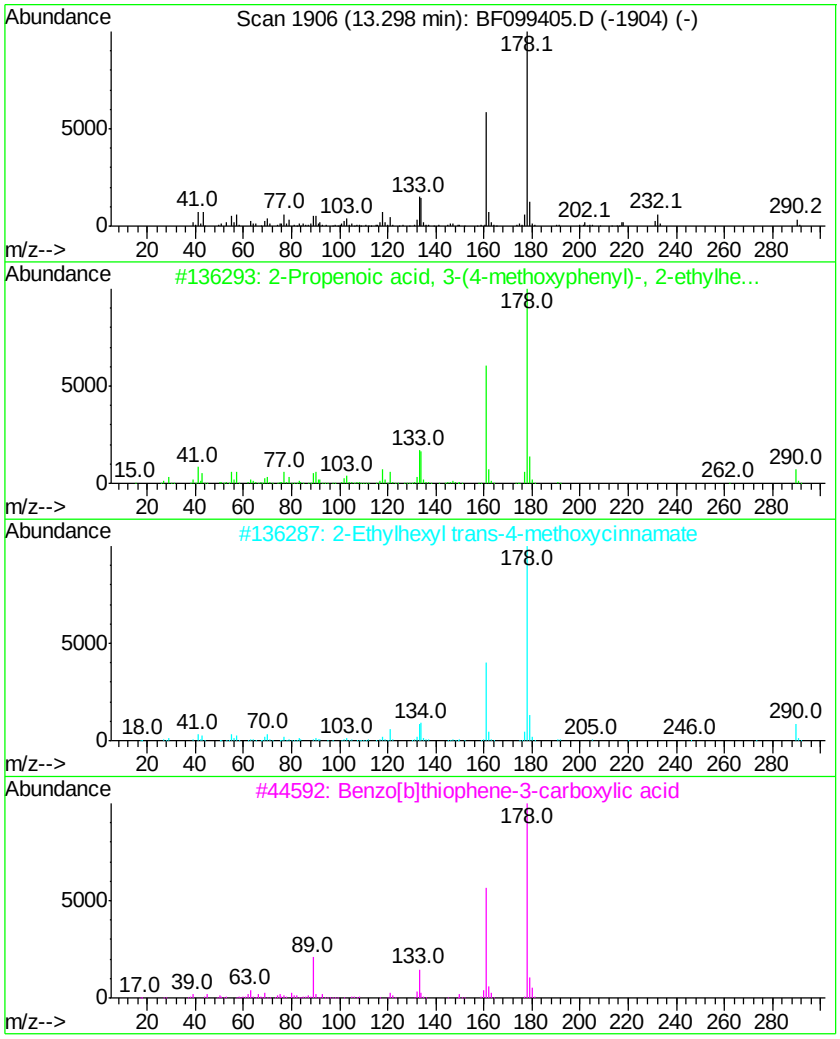
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

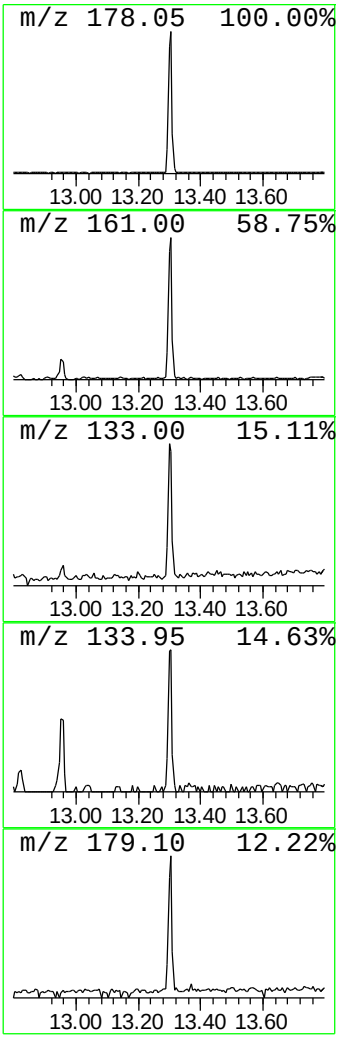
****

Peak Number 11 2-Propenoic acid, 3-(4-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.52 ng	189128	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(4-methoxyph...	290	C18H26O3	005466-77-3	99
2	2-Ethylhexyl trans-4-methoxycinn...	290	C18H26O3	083834-59-7	90
3	Benzo[b]thiophene-3-carboxylic acid	178	C9H6O2S	005381-25-9	72
4	Benzo(b)thiophene-6-carboxylic acid	178	C9H6O2S	006179-26-6	64
5	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	46





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

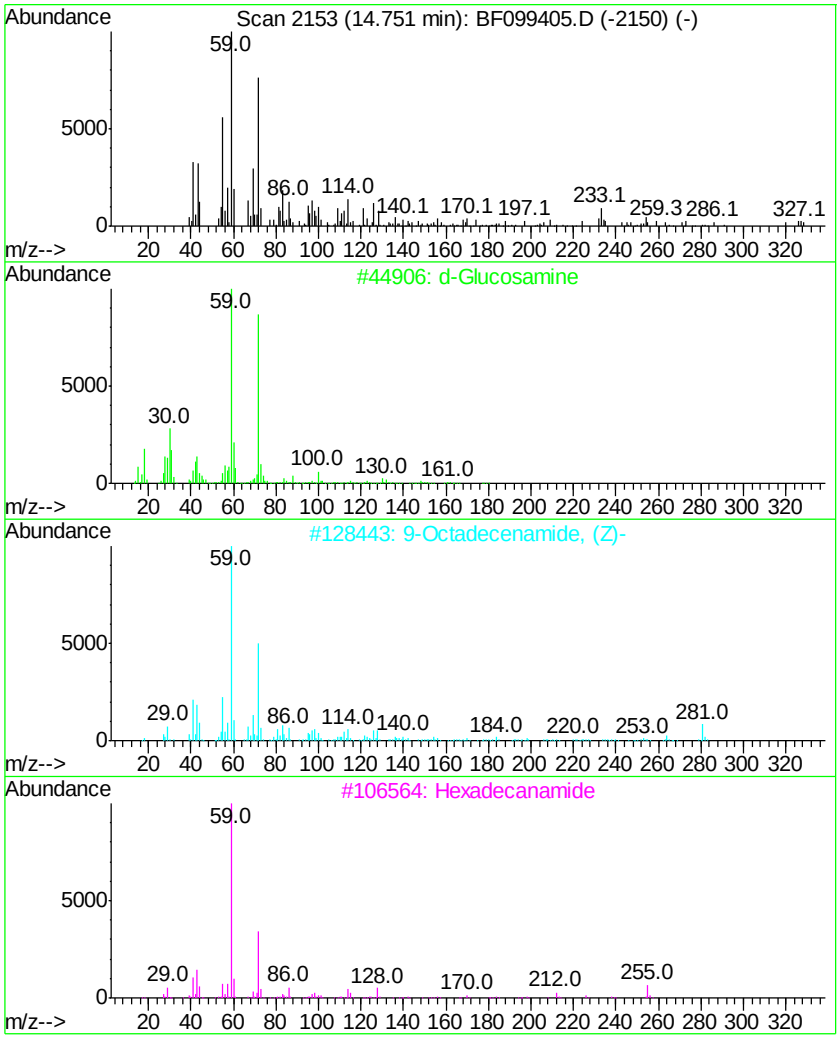
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

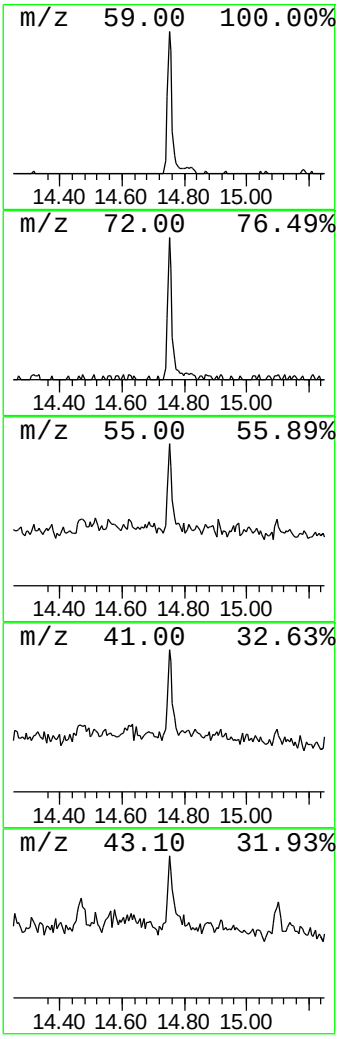
****

Peak Number 12 d-Glucosamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.71 ng	114671	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Glucosamine	179	C6H13NO5	000090-77-7	59
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
3	Hexadecanamide	255	C16H33NO	000629-54-9	38
4	Dodecanamide	199	C12H25NO	001120-16-7	38
5	2-Butene, 1-propoxy-, (E)-	114	C7H14O	056052-71-2	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

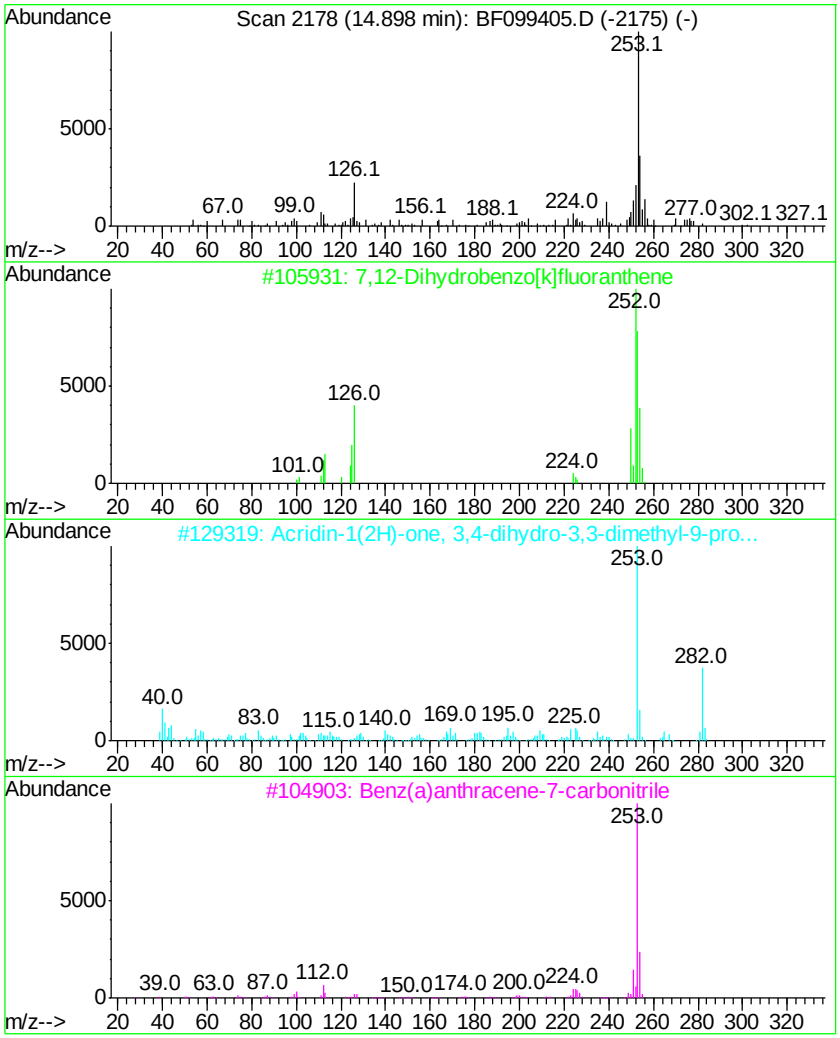
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

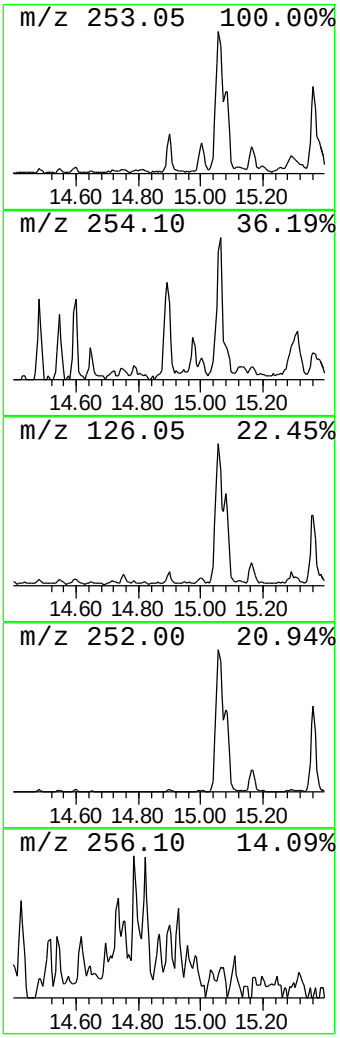
****

Peak Number 13 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.51 ng	77468	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	62
2	Acridin-1(2H)-one, 3,4-dihydro-3...	282	C18H22N2O	146352-02-5	43
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	43
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	38
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

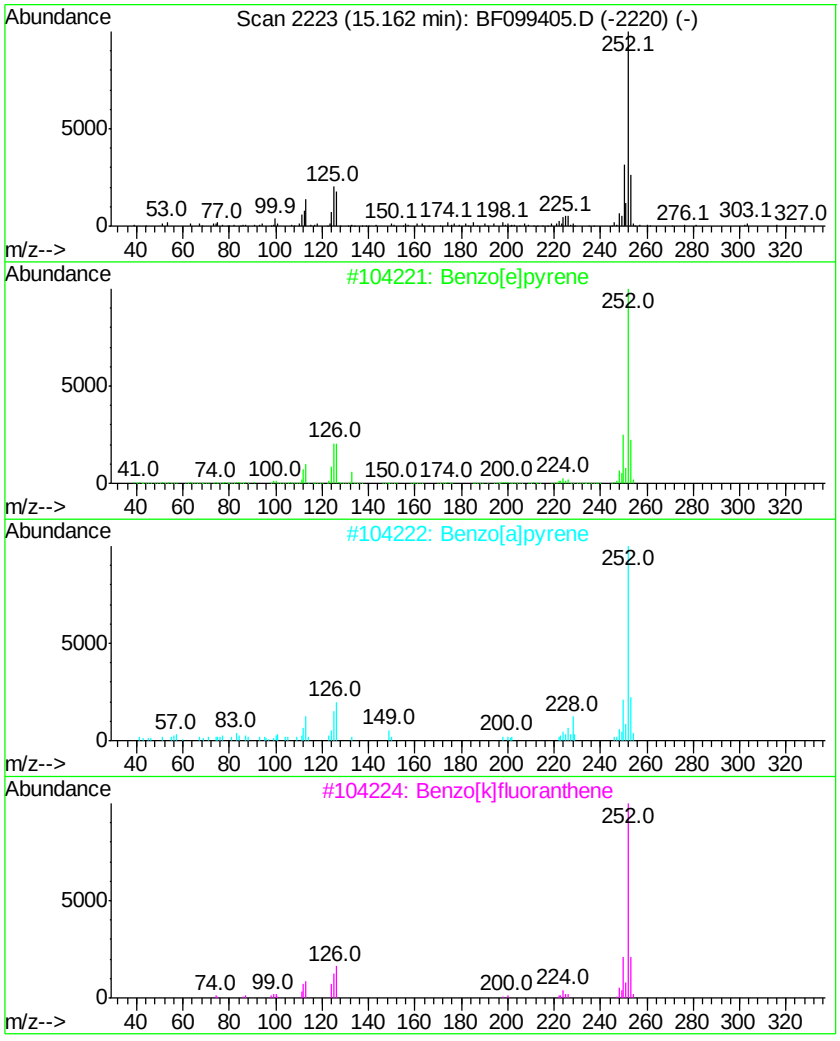
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

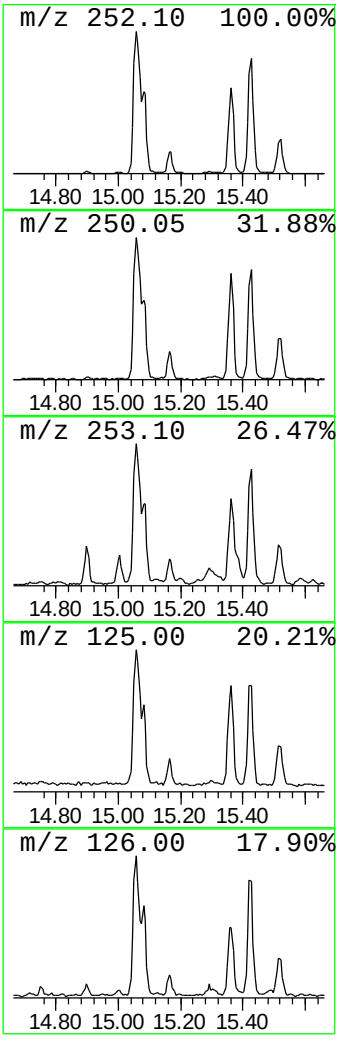
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.63 ng	81323	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

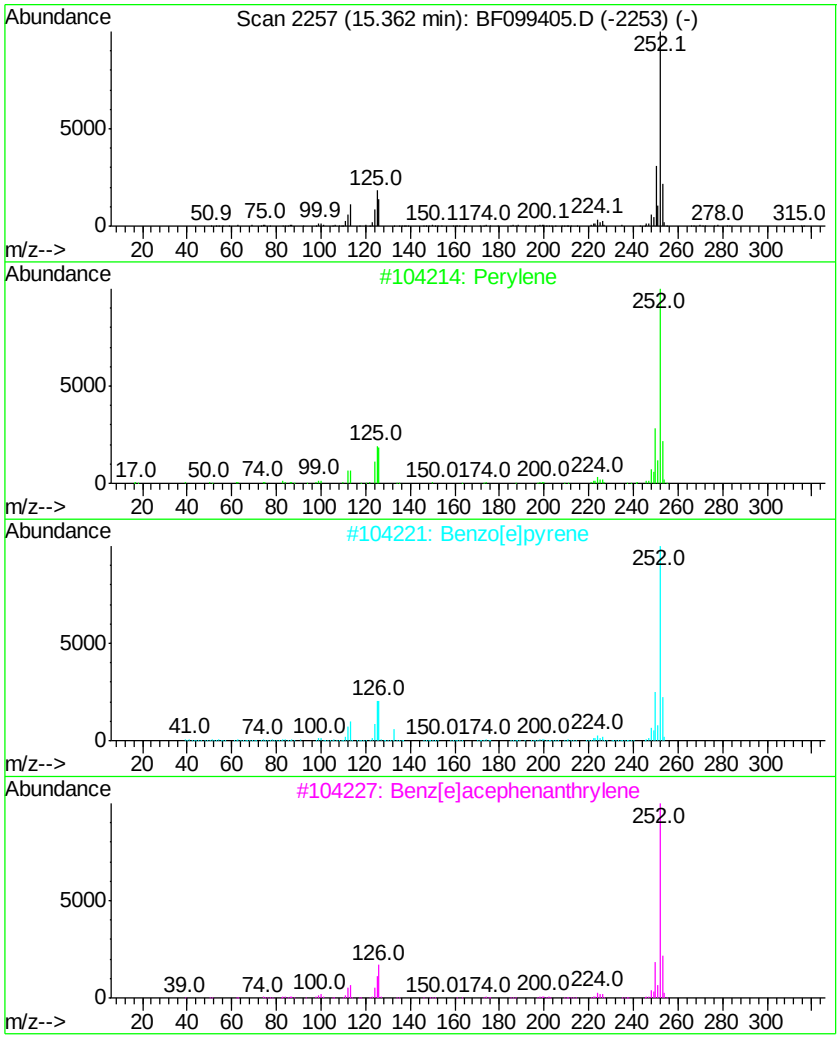
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

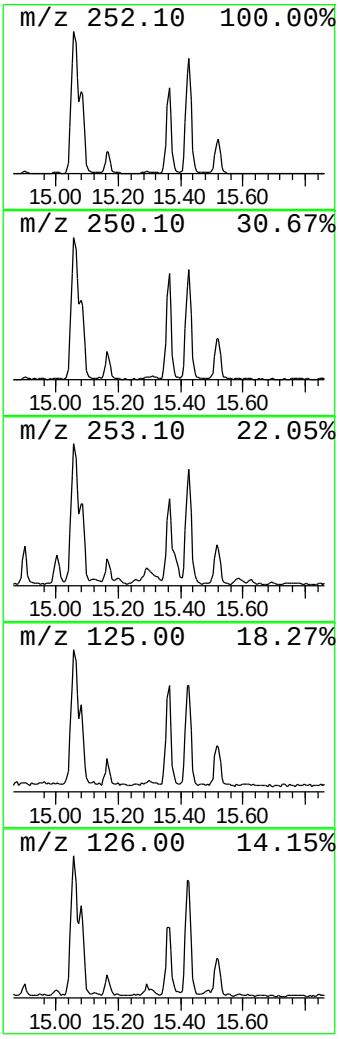
****

Peak Number 15 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	11.45 ng	353712	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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

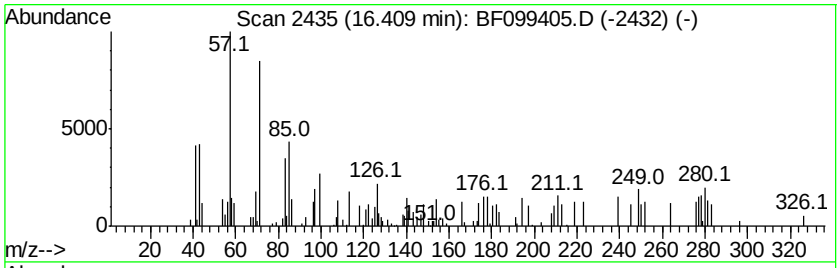
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

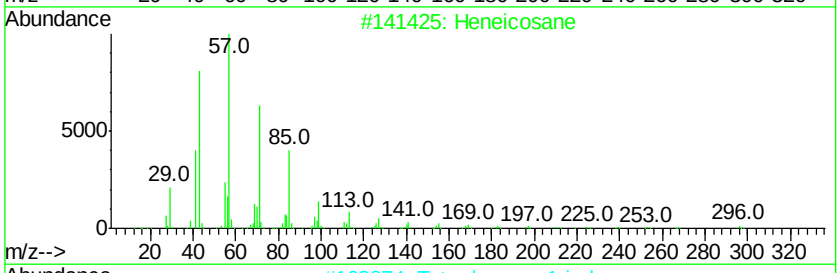
****

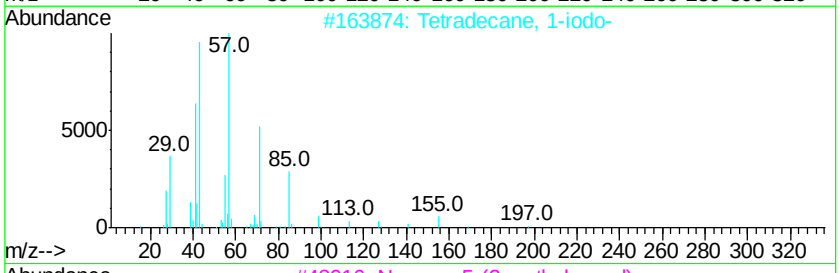
Peak Number 16 unknown16.41 Concentration Rank 14

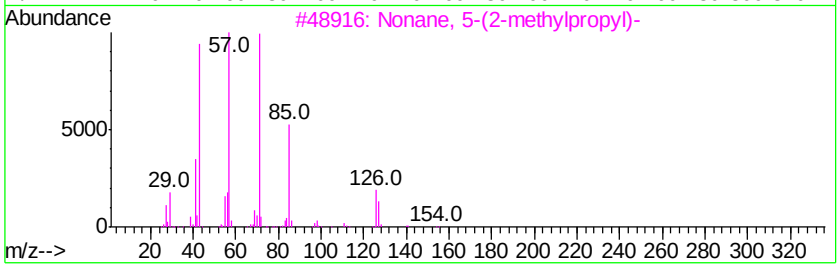
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.29 ng	70901	Perylene-d12	15.49

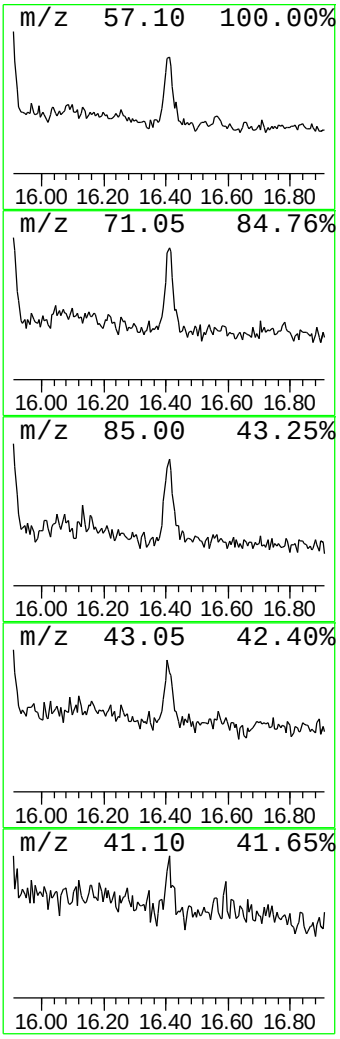
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	46
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
4	Docosane	310	C22H46	000629-97-0	43
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	43











Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF101217\
Data File : BF099405.D
Acq On : 12 Oct 2017 20:04
Operator : SJ/JU
Sample : I5729-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1E-(3-4)

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
2-Pentanone, 4-hy...	5.07	6.3	ng	209379	1	6.85	670167	20.0
unknown6.62	6.62	40.4	ng	1352460	1	6.85	670167	20.0
Naphtho[2,1-b]thi...	11.27	2.1	ng	80538	4	11.37	752570	20.0
Phenanthrene, 2-m...	11.87	2.8	ng	106617	4	11.37	752570	20.0
Phenanthrene, 1-m...	11.90	4.0	ng	151131	4	11.37	752570	20.0
4H-Cyclopenta[def...	11.99	5.9	ng	220809	4	11.37	752570	20.0
Naphthalene, 2-ph...	12.17	2.4	ng	91387	4	11.37	752570	20.0
9,10-Anthracenedione	12.20	2.7	ng	100439	4	11.37	752570	20.0
Cyclopenta(def)ph...	12.52	2.0	ng	75673	4	11.37	752570	20.0
2-Propenoic acid,...	13.30	2.5	ng	189128	5	14.02	1503180	20.0
d-Glucosamine	14.75	3.7	ng	114671	6	15.49	618023	20.0
7,12-Dihydrobenzo...	14.90	2.5	ng	77468	6	15.49	618023	20.0
Benzo[e]pyrene	15.16	2.6	ng	81323	6	15.49	618023	20.0
Perylene	15.36	11.4	ng	353712	6	15.49	618023	20.0
unknown16.41	16.41	2.3	ng	70901	6	15.49	618023	20.0