LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

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-BF022218.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	5.493	575	579	601	rBV	2770651	2784726	35.64%	2.119%
2	6.504	747	751	765	rBV	2511709	2617924	33.51%	1.992%
3	6.645	770	775	778	rVV	2653921	2553992	32.69%	1.944%
4	6.869	810	813	817	rBV	990935	870784	11.15%	0.663%
5	7.028	836	840	842	rBV	2152752	1848567	23.66%	1.407%
6	7.434	906	909	918	rVV	1656573	1769397	22.65%	1.347%
7	8.157	1028	1032	1033	rVV	1250631	1184608	15.16%	0.902%
8	8.175	1033	1035	1038	rVV	1537946	1321627	16.92%	1.006%
9	8.869	1149	1153	1156	rBV	1736238	1428806	18.29%	1.087%
10	8.969	1165	1170	1173	rBV	1487968	1343852	17.20%	1.023%
11	9.228	1210	1214	1217	rBV	2830942	2403188	30.76%	1.829%
12	9.298	1223	1226	1229	rBV	390649	318016	4.07%	0.242%
13	9.498	1255	1260	1263	rBV	775478	1037239	13.28%	0.789%
14	9.569	1268	1272	1274	rBV	1224242	1192840	15.27%	0.908%
15	9.592	1274	1276	1279	rVV	608551	479360	6.14%	0.365%
16	9.622	1279	1281	1288	rVB3	344855	483297	6.19%	0.368%
17	9.686	1288	1292	1294	rBV	657429	636733	8.15%	0.485%
18	9.769	1303	1306	1310	rBV2	939654	926125	11.85%	0.705%
19	9.828	1313	1316	1320	rVB	428355	338696	4.34%	0.258%
20	9.886	1324	1326	1328	rVV	312693	299407	3.83%	0.228%
21	9.910	1328	1330	1333	rVV2	1220409	1135011	14.53%	0.864%
22	9.945	1333	1336	1339	rVV	2106099	1746190	22.35%	1.329%
23	10.116	1361	1365	1368	rVV2	1269904	1240241	15.87%	0.944%
24	10.151	1368	1371	1375	rVB	541631	448743	5.74%	0.342%
25	10.228	1380	1384	1386	rBV2	405672	457406	5.85%	0.348%
26	10.257	1386	1389	1394	rVB	311848	333540	4.27%	0.254%
27	10.328	1394	1401	1405	rBV2	549235	847961	10.85%	0.645%
28	10.463	1420	1424	1429	rVB	2479534	2410514	30.85%	1.835%
29	10.545	1436	1438	1440	rVV2	406913	340302	4.36%	0.259%
30	10.616	1448	1450	1454	rVB	451178	373433	4.78%	0.284%
31	10.704	1461	1465	1469	rBV	1550397	1573327	20.14%	1.197%
32	10.804	1479	1482	1484	rBV	373288	401374	5.14%	0.305%
33	11.010	1510	1517	1519	rBV2	648807	831165	10.64%	0.633%
34	11.039	1519	1522	1524	rVV	444862	389184	4.98%	0.296%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.092	1528	1531	1534	rVB	351818	308120	3.94%	0.235%
36	11.133	1534	1538	1540	rBV4	201824	301799	3.86%	0.230%
37	11.157	1540	1542	1548	rVV2	228547	305008	3.90%	0.232%
38	11.210	1548	1551	1554	rVV	324183	315258	4.04%	0.240%
39	11.251	1554	1558	1561	rVV2	451614	453606	5.81%	0.345%
40	11.298	1561	1566	1572	rVB	942441	995710	12.74%	0.758%
41	11.410	1580	1585	1586	rBV	762069	947904	12.13%	0.721%
42	11.445	1586	1591	1593	rVV	4736385	7097962	90.85%	5.402%
43	11.486	1593	1598	1601	rVV	2826535	2588896	33.14%	1.970%
44	11.639	1619	1624	1628	rBV	743667	851664	10.90%	0.648%
45	11.698	1632	1634	1638	rVV2	304010	311966	3.99%	0.237%
46	11.733	1638	1640	1645	rVB3	396385	423892	5.43%	0.323%
47	11.780	1645	1648	1652	rBV	3091252	2808553	35.95%	2.138%
48	11.910	1666	1670	1672	rVV	1430634	1454136	18.61%	1.107%
49	11.939	1672	1675	1678	rVB	1753943	1566903	20.05%	1.193%
50	11.986	1678	1683	1686	rBV	692016	653126	8.36%	0.497%
51	12.022	1686	1689	1692	rVV2	2104463	2660908	34.06%	2.025%
52	12.045	1692	1693	1697	rVB	1021162	513635	6.57%	0.391%
53	12.198	1716	1719	1722	rVV	847210	844881	10.81%	0.643%
54	12.233	1722	1725	1730	rVB	483941	478605	6.13%	0.364%
55	12.351	1739	1745	1747	rBV2	241037	296213	3.79%	0.225%
56	12.480	1759	1767	1769	rBV2	5036279	7813036	100.00%	5.946%
57	12.498	1769	1770	1776	rVB2	4370721	4119819	52.73%	3.136%
58	12.557	1776	1780	1781	rBV2	400524	482041	6.17%	0.367%
59	12.574	1781	1783	1787	rVB	1352795	1161639	14.87%	0.884%
60	12.639	1787	1794	1797	rBV	4169705	6452817	82.59%	4.911%
61	12.721	1805	1808	1811	rVB	346893	302382	3.87%	0.230%
62	12.774	1814	1817	1820	rBV2	375870	342895	4.39%	0.261%
63	12.869	1826	1833	1837	rBV2	3973746	6979616	89.33%	5.312%
64	12.904	1837	1839	1843	rVB2	420732	375015	4.80%	0.285%
65	12.986	1847	1853	1856	rBV2	1487165	1848363	23.66%	1.407%
66	13.016	1856	1858	1863	rVB	343937	310963	3.98%	0.237%
67	13.069	1863	1867	1871	rBV2	508290	870063	11.14%	0.662%
68	13.163	1879	1883	1884	rBV2	462621	557542	7.14%	0.424%
69	13.186	1884	1887	1889	rVB	1181093	1041985	13.34%	0.793%
70	13.251	1895	1898	1901	rBV	927140	777167	9.95%	0.591%
71	13.292	1901	1905	1911	rVB3	711365	1053737	13.49%	0.802%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.386	1917	1921	1923	rBV	414879	373121	4.78%	0.284%
73	13.416	1923	1926	1929	rBV	469431	439537	5.63%	0.335%
74	13.704	1972	1975	1979	rVB	449221	428917	5.49%	0.326%
75	13.821	1990	1995	1997	rBV	610213	747097	9.56%	0.569%
76	13.845	1997	1999	2001	rVV	741395	604957	7.74%	0.460%
77	13.886	2001	2006	2010	rVV4	648298	1271731	16.28%	0.968%
78	13.927	2010	2013	2016	rVV	515305	546607	7.00%	0.416%
79	13.992	2019	2024	2030	rBV	310498	448246	5.74%	0.341%
80	14.080	2031	2039	2042	rBV2	2811131	4695698	60.10%	3.574%
81	14.116	2042	2045	2052	rVB	2543654	3073908	39.34%	2.340%
82	14.198	2056	2059	2061	rVV	676212	647036	8.28%	0.492%
83	14.239	2063	2066	2072	rVV3	414756	613330	7.85%	0.467%
84	14.286	2072	2074	2076	rVV	312071	277105	3.55%	0.211%
85	14.321	2076	2080	2083	rVV2	412994	552403	7.07%	0.420%
86	14.492	2104	2109	2112	rVB	584952	607929	7.78%	0.463%
87	14.627	2130	2132	2134	rVV	371749	302777	3.88%	0.230%
88	14.651	2134	2136	2139	rVB	412541	358961	4.59%	0.273%
89	14.704	2140	2145	2148	rVB2	208305	300323	3.84%	0.229%
90	15.015	2194	2198	2202	rBV3	467320	573711	7.34%	0.437%
91	15.198	2222	2229	2232	rBV	2026341	4173192	53.41%	3.176%
92	15.298	2242	2246	2250	rBV	584044	608969	7.79%	0.463%
93	15.510	2276	2282	2287	rVB	1289689	1872498	23.97%	1.425%
94	15.580	2287	2294	2298	rBV	1947499	2926023	37.45%	2.227%
95	15.633	2299	2303	2306	rVV	538323	812583	10.40%	0.618%
96	15.668	2306	2309	2315	rVB2	728288	988265	12.65%	0.752%
97	17.180	2557	2566	2572	rBV2	851842	1827986	23.40%	1.391%
98	17.345	2590	2594	2599	rBV	162613	302654	3.87%	0.230%
99	17.645	2638	2645	2657	rVB	587813	1386164	17.74%	1.055%
100	17.892	2682	2687	2701	rVB2	215057	592776	7.59%	0.451%

Sum of corrected areas: 131389904

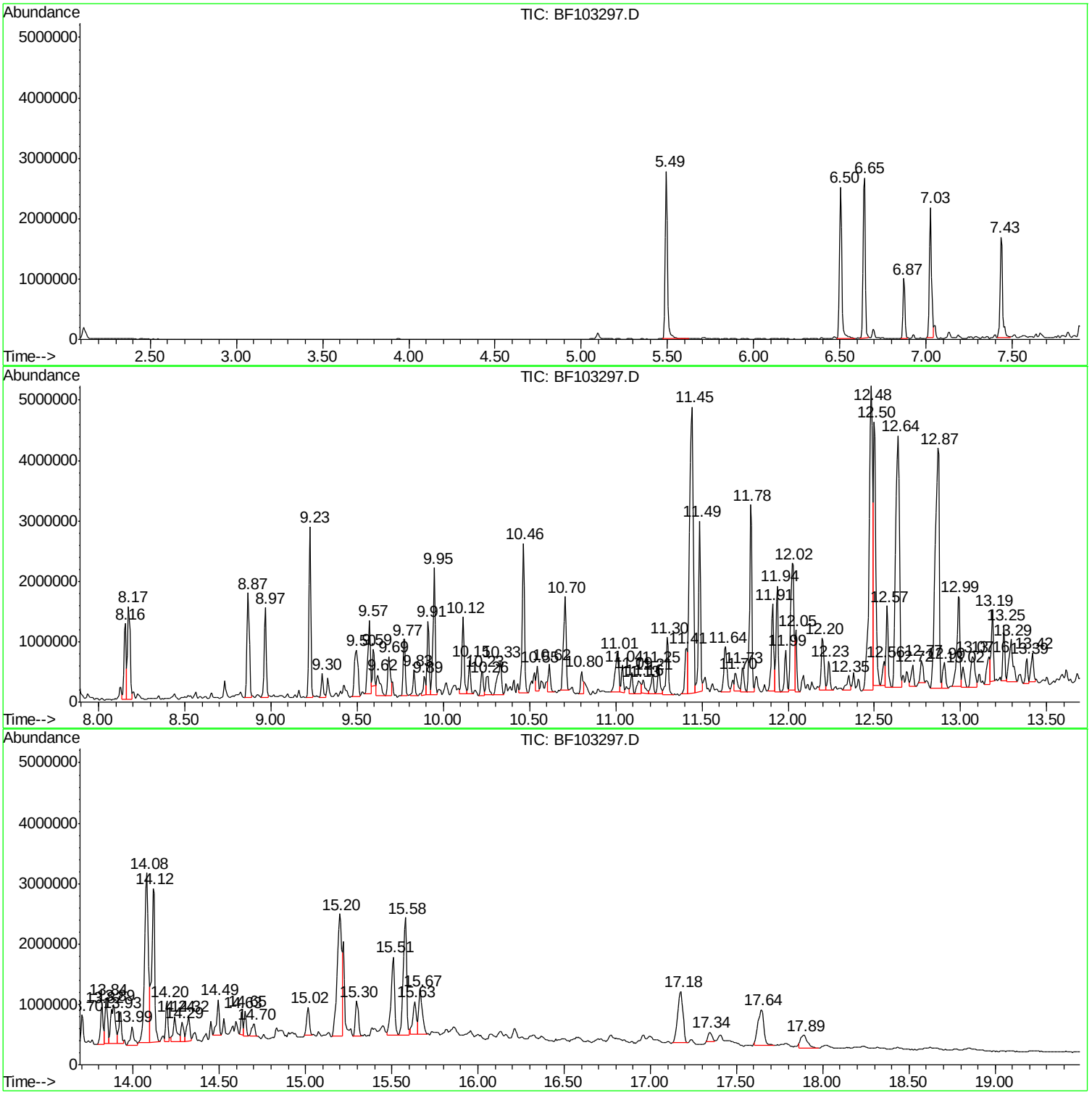
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

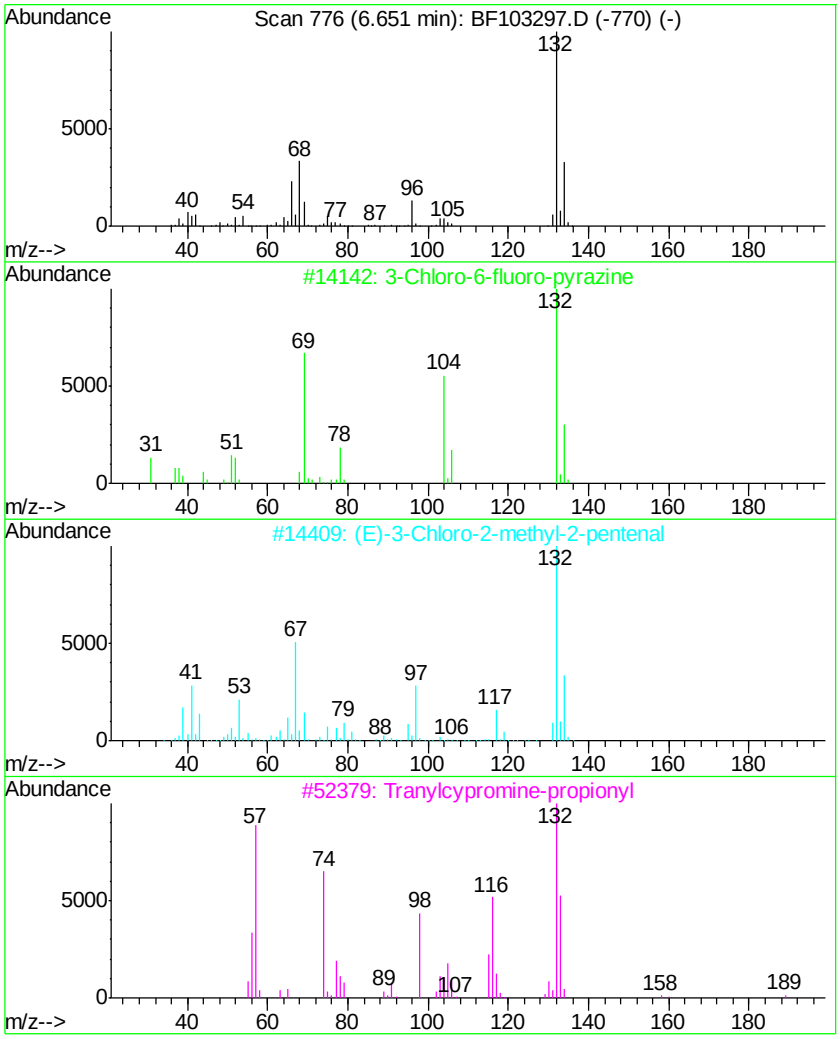
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

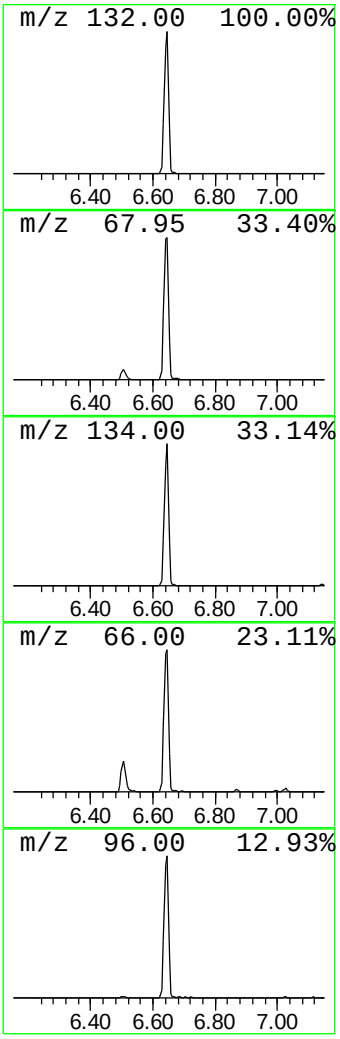
****

Peak Number 1 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	58.66 ng	2553990	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

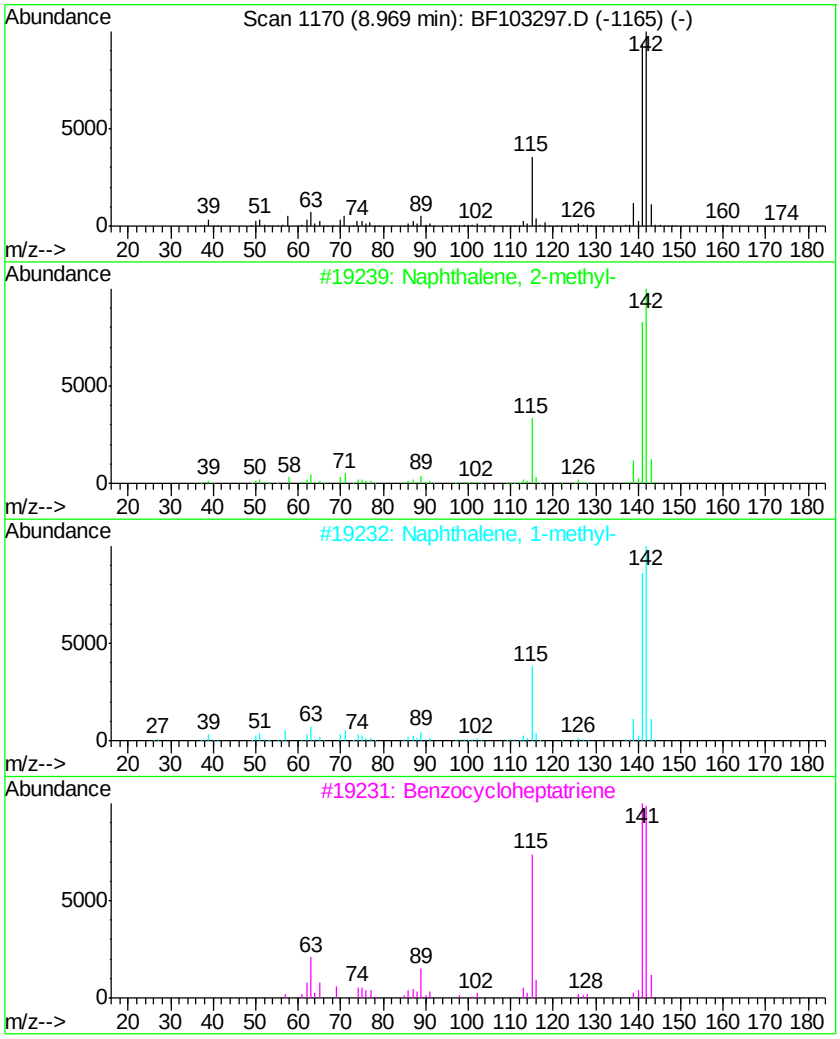
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

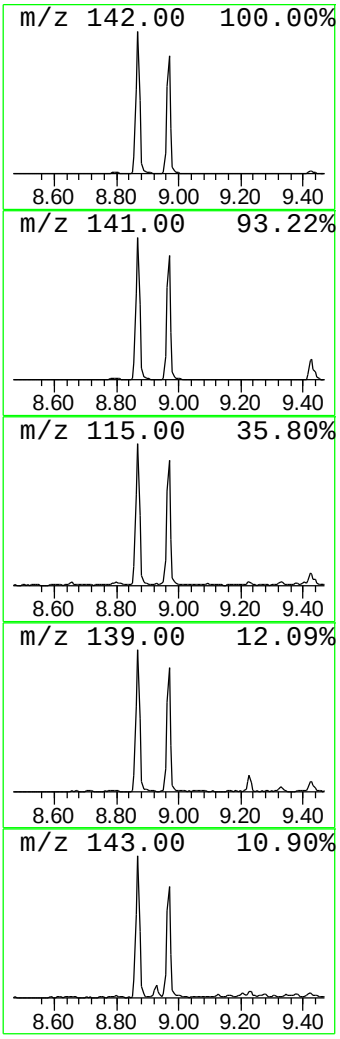
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	22.69 ng	1343850	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

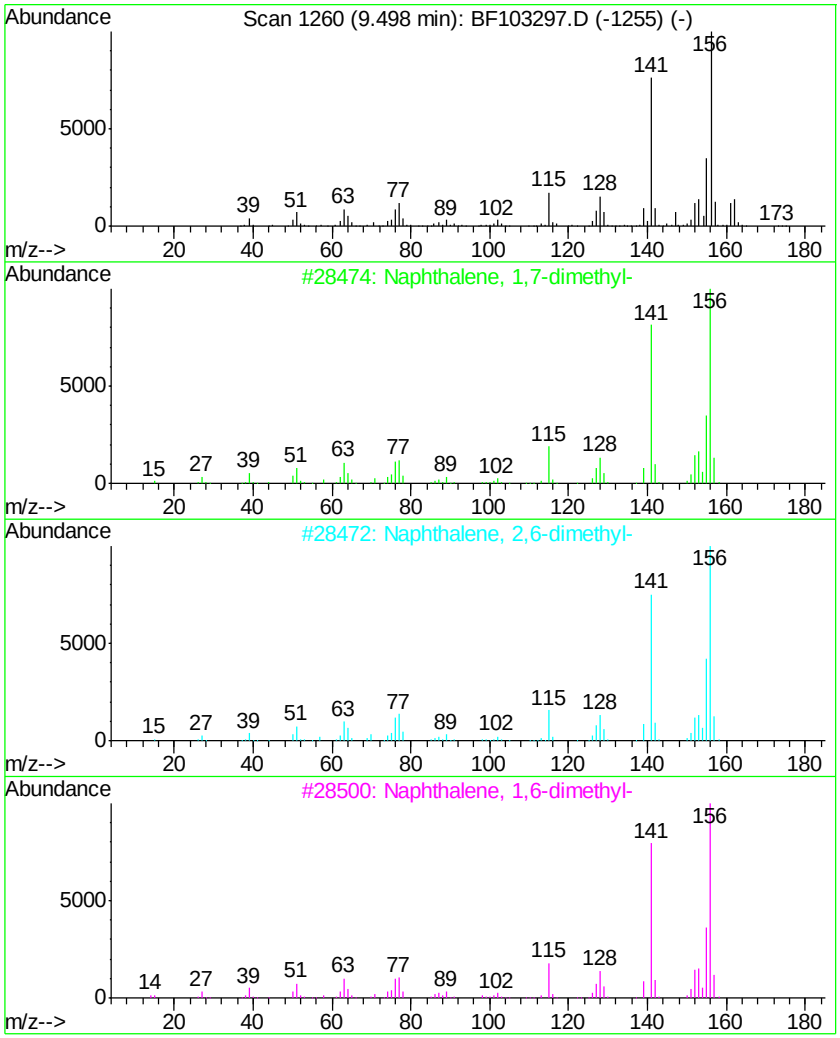
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

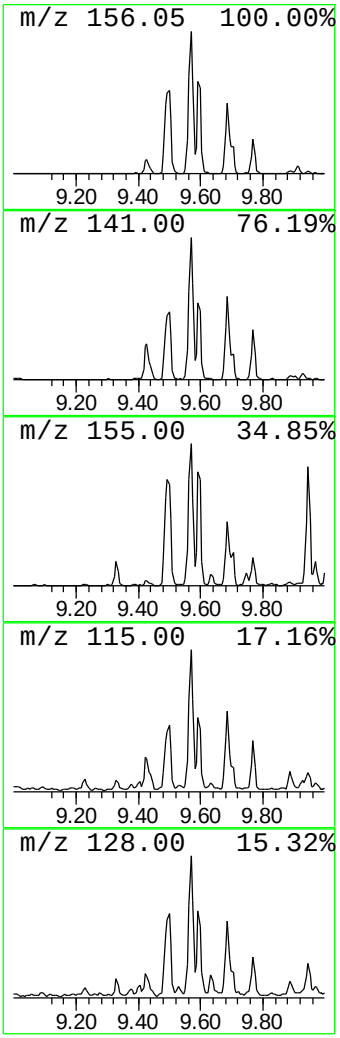
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	18.28 ng	1037240	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

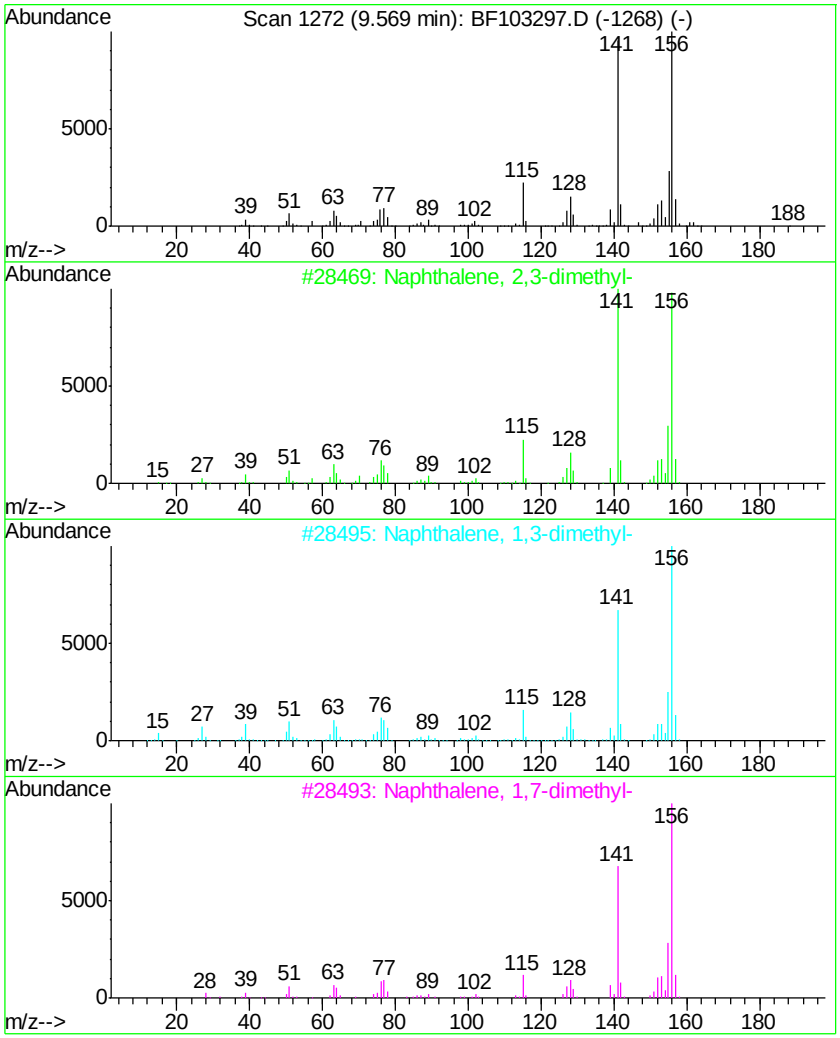
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

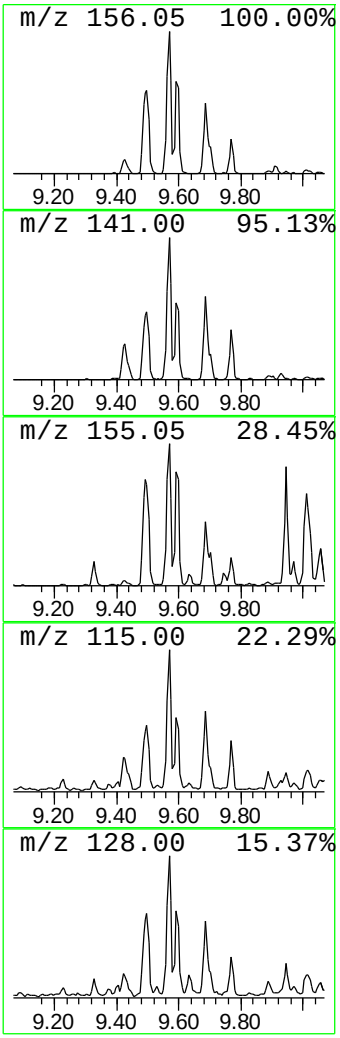
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	21.02 ng	1192840	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

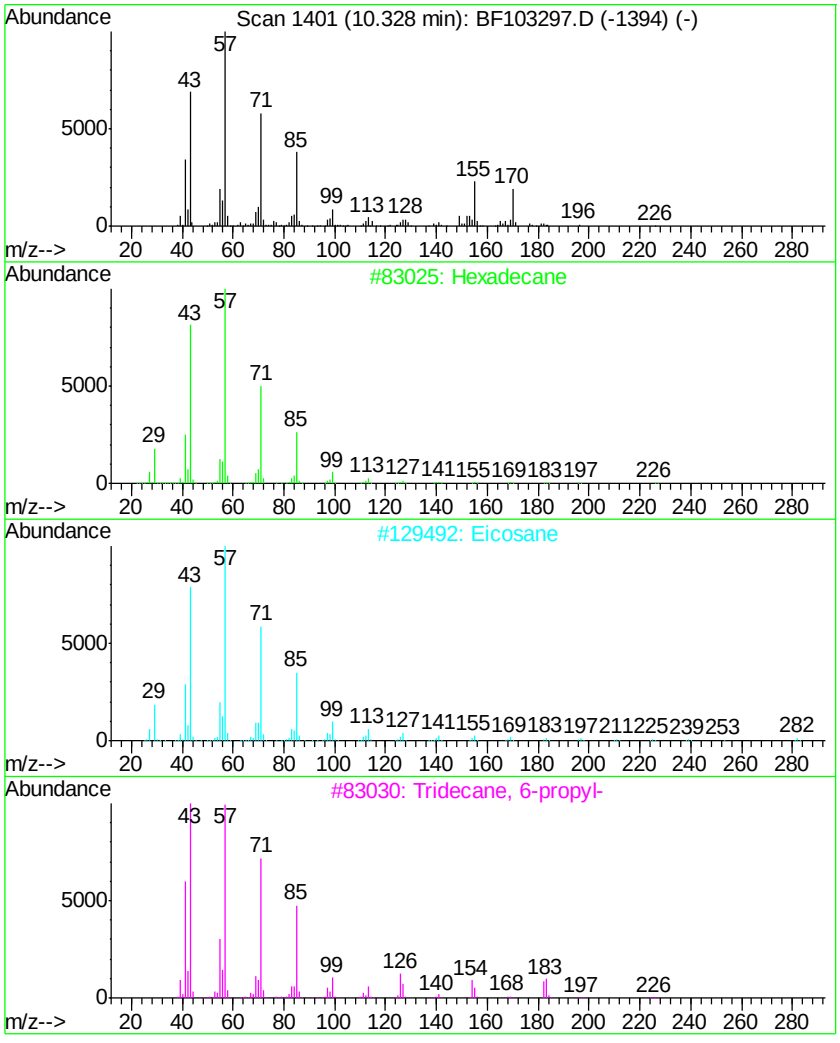
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

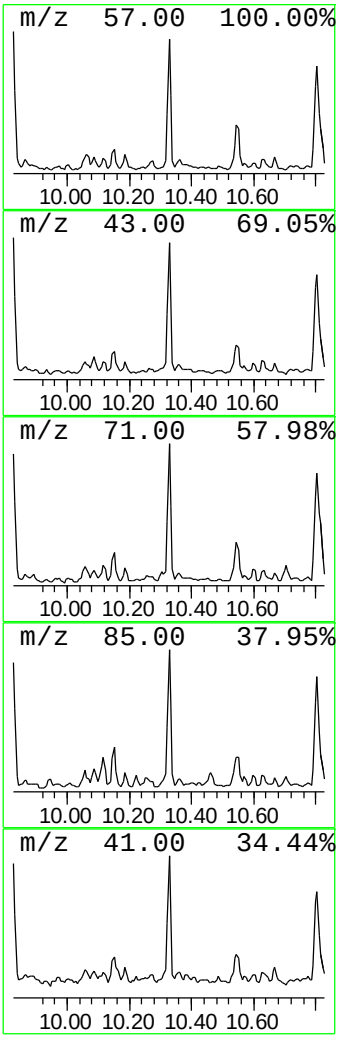
****

Peak Number 6 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	14.94 ng	847961	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	49
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	49
4	Pentadecane	212	C15H32	000629-62-9	46
5	Tridecane	184	C13H28	000629-50-5	46





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

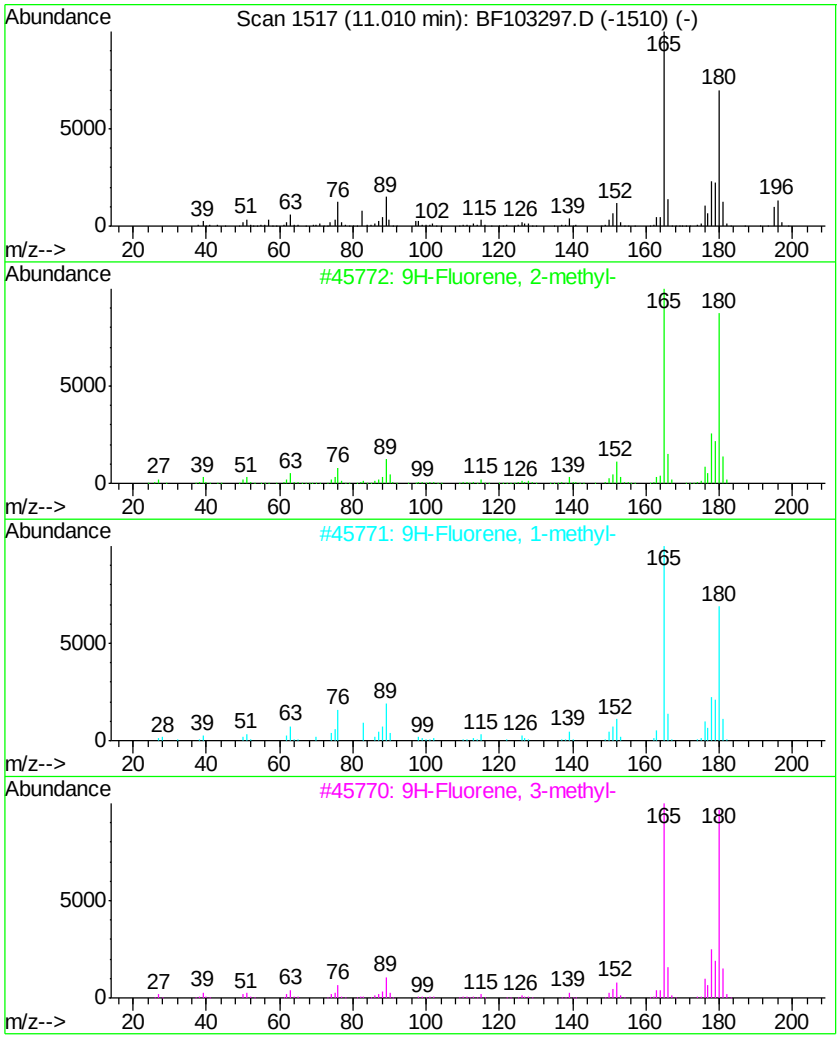
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

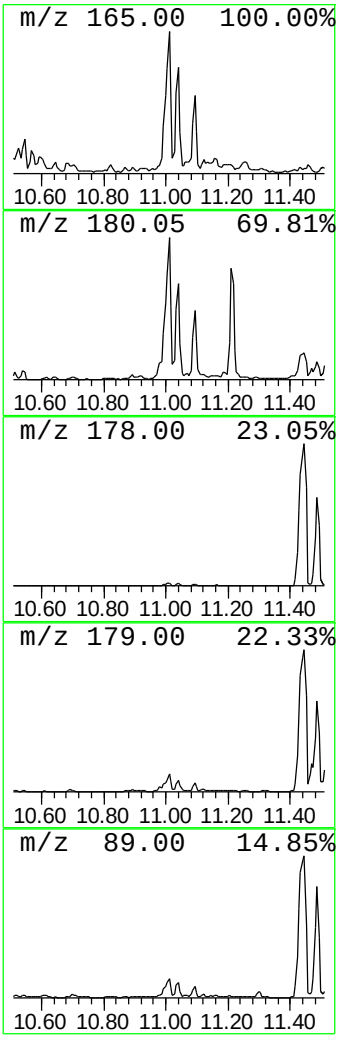
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	17.54 ng	831165	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

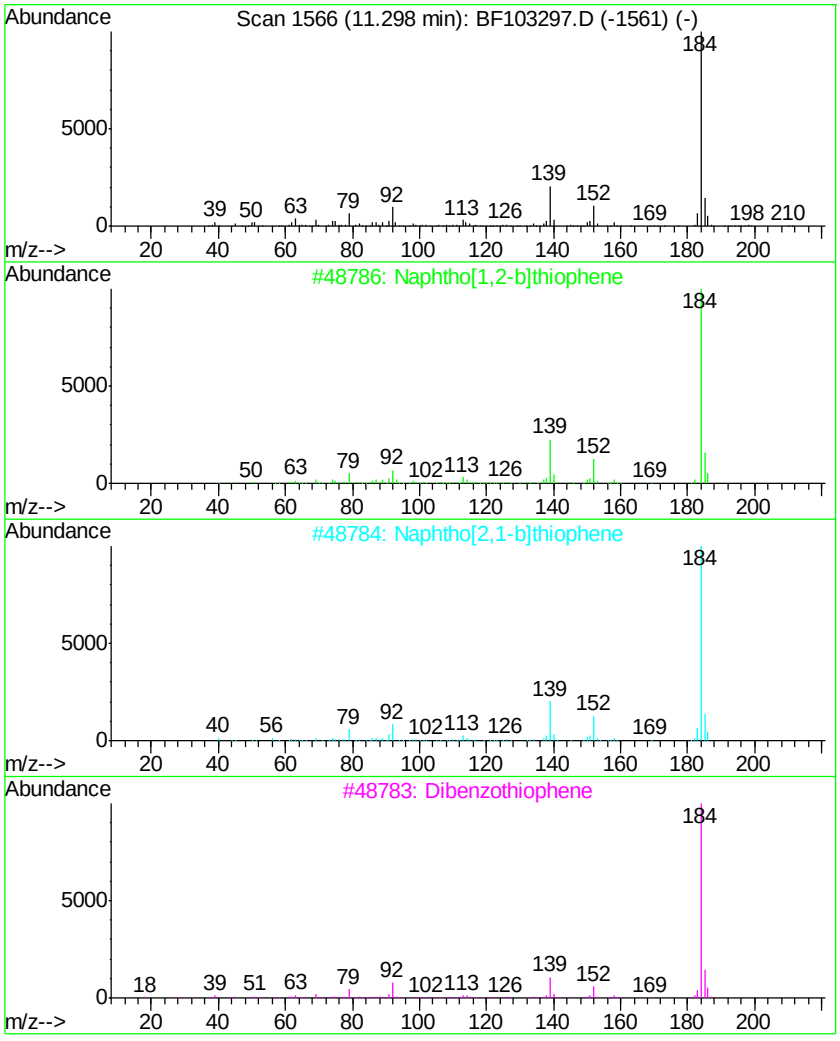
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

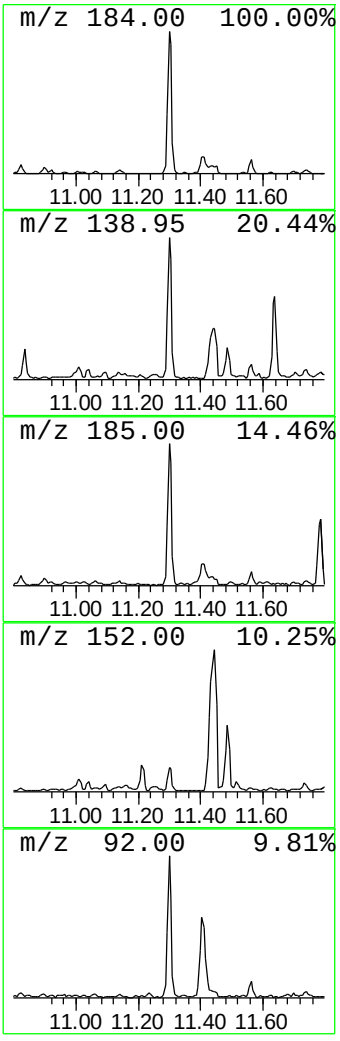
****

Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	21.01 ng	995710	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

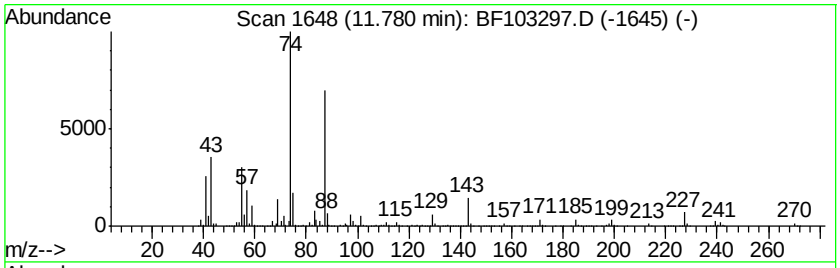
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

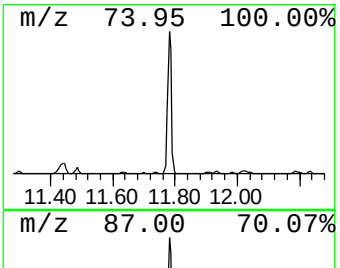
****

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	59.26 ng	2808550	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

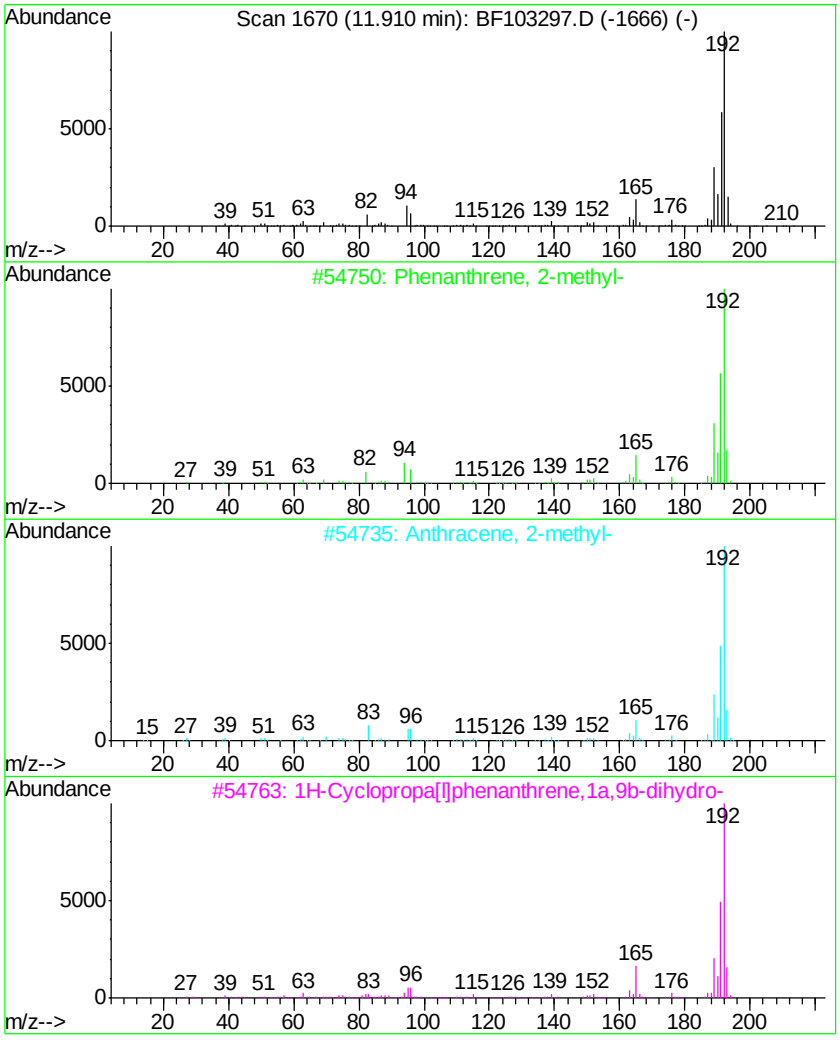
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

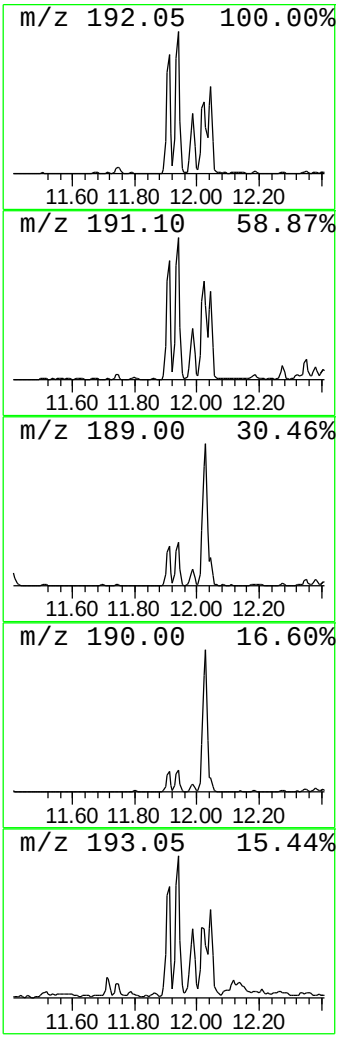
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	30.68 ng	1454140	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

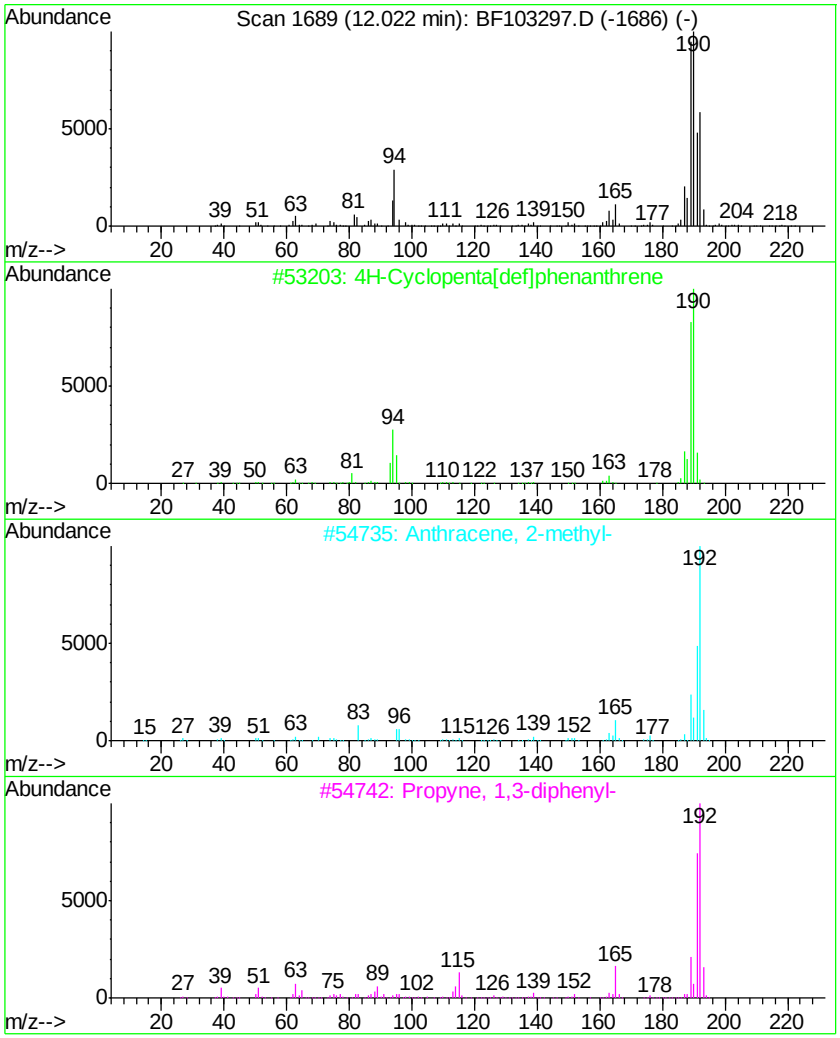
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

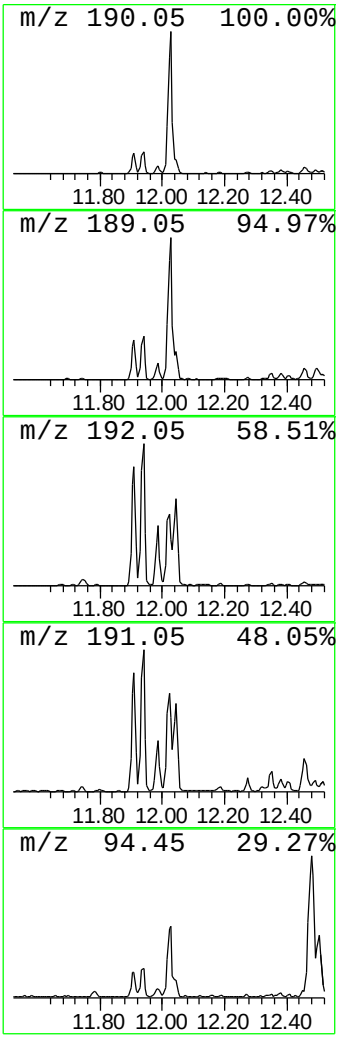
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	56.14 ng	2660910	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	15
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

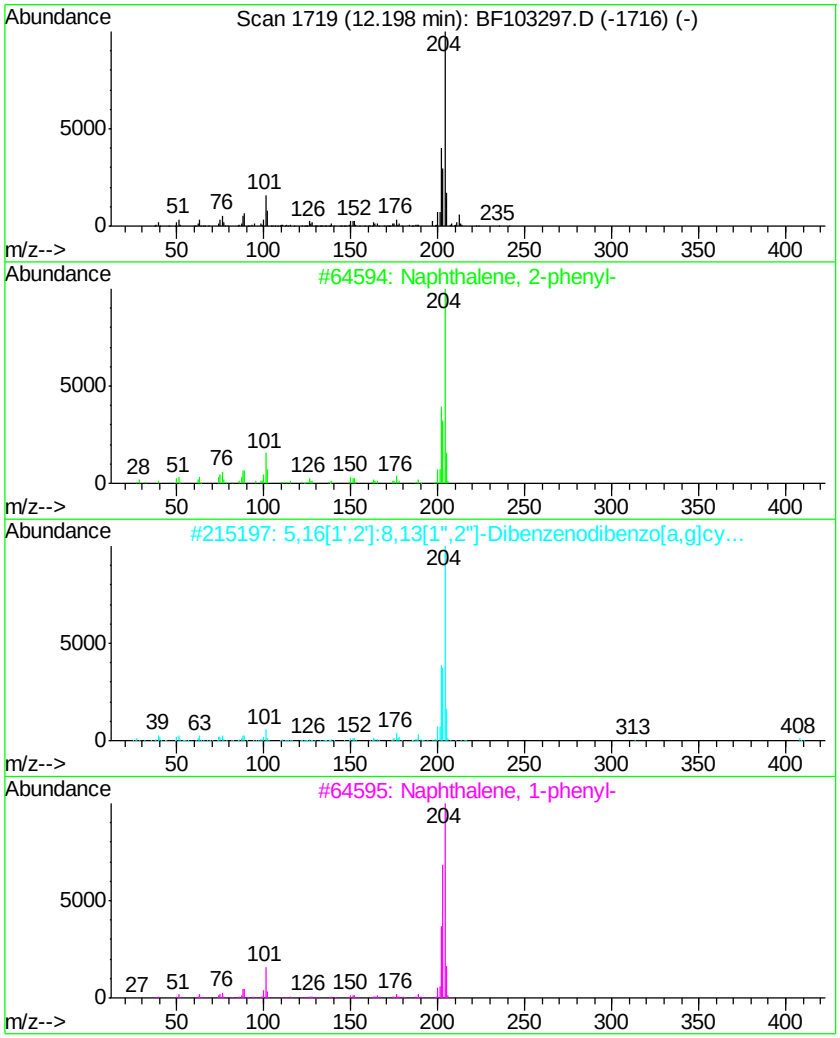
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

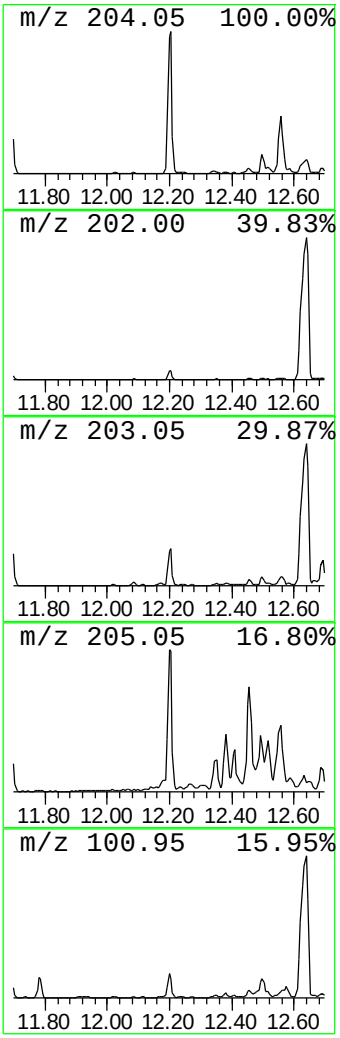
****

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	17.83 ng	844881	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

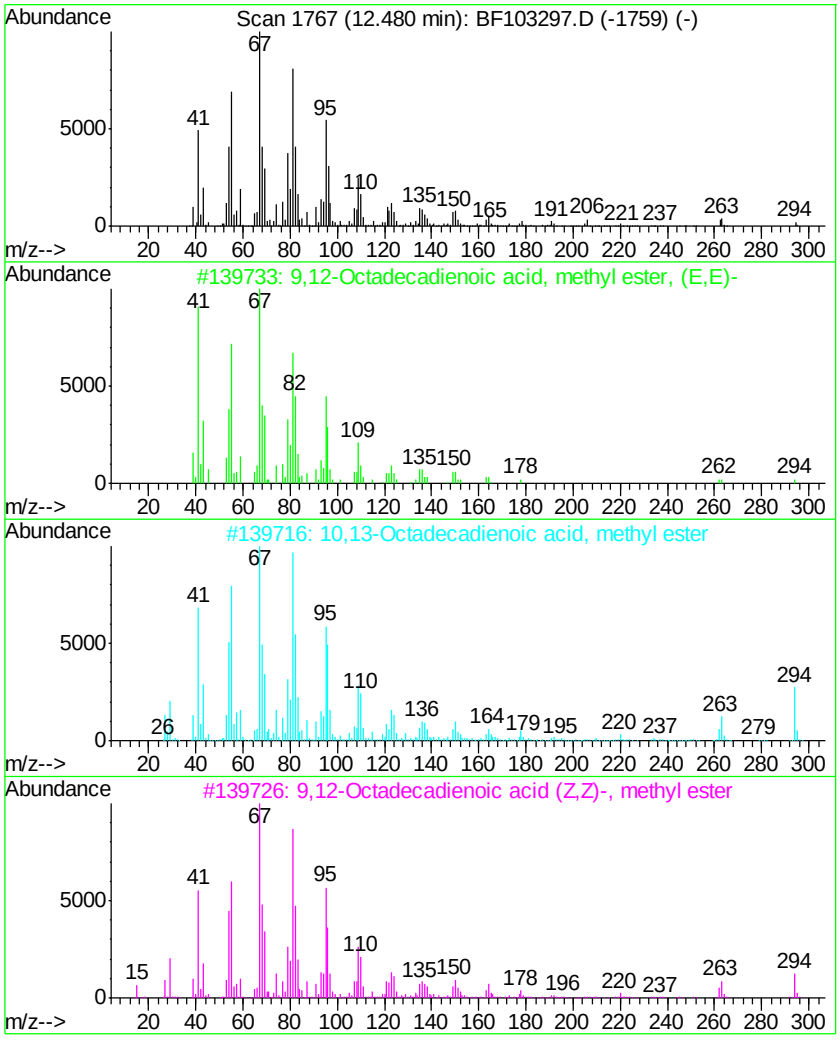
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

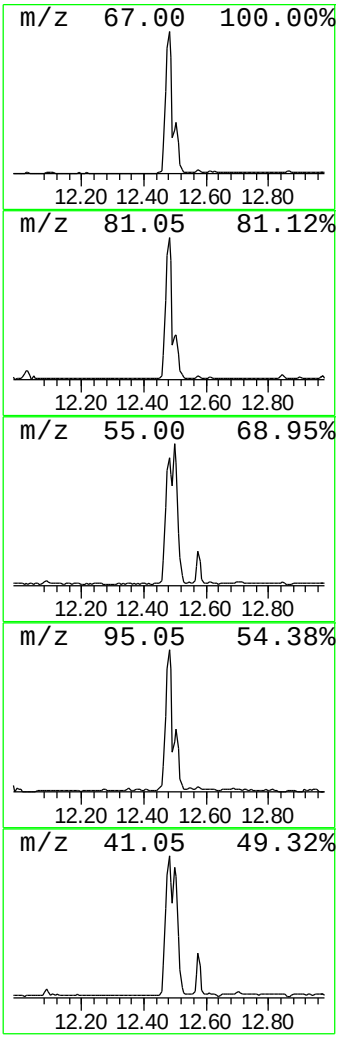
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	164.85 ng	7813040	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

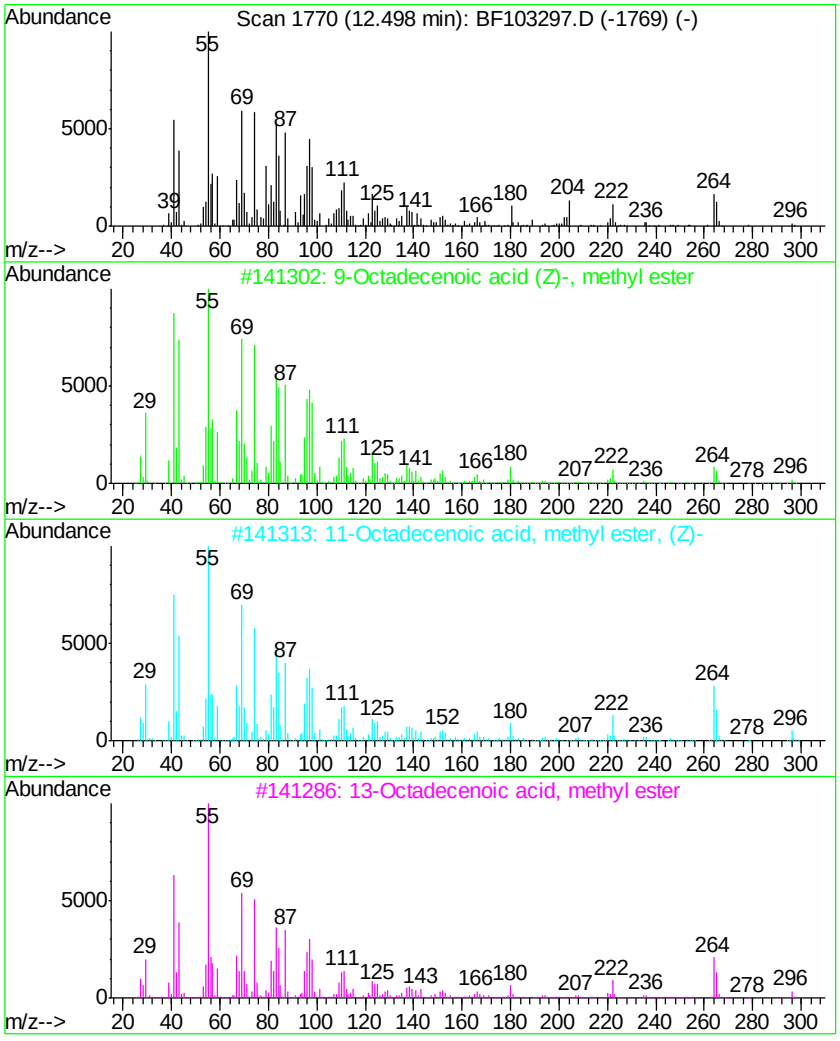
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

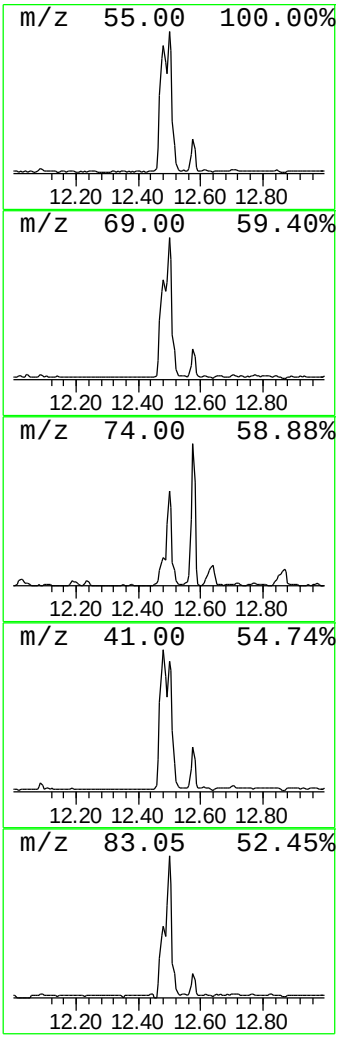
****

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	86.92 ng	4119820	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

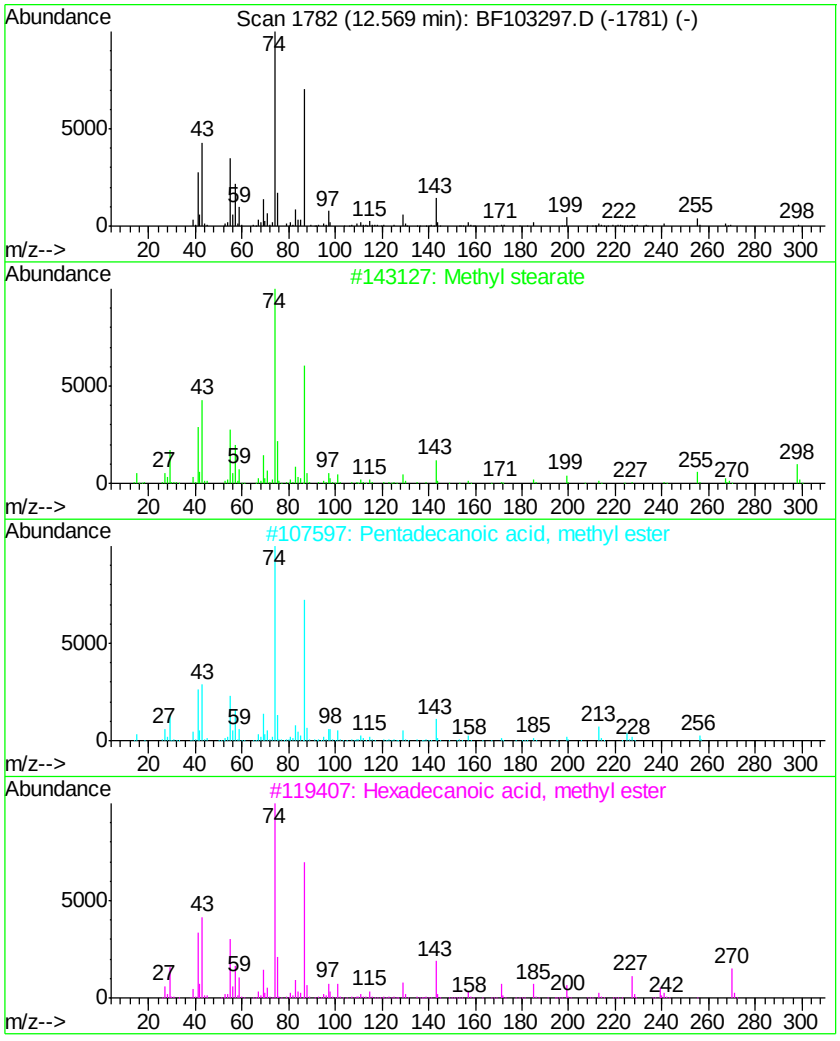
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

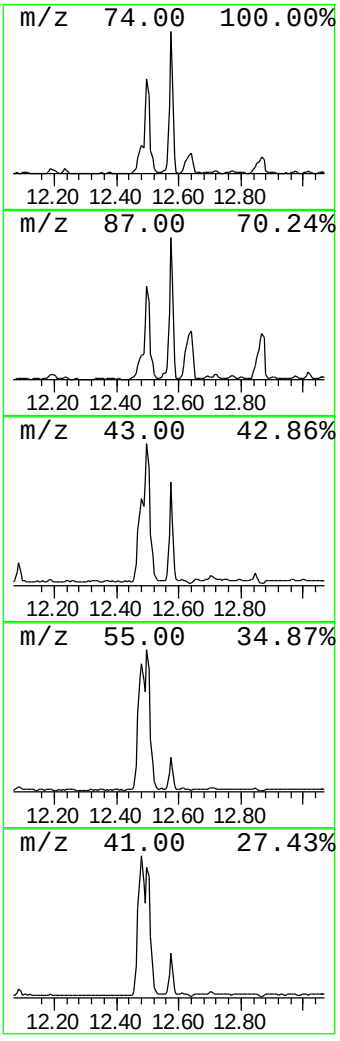
****

Peak Number 16 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	24.51 ng	1161640	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	94
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	78
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

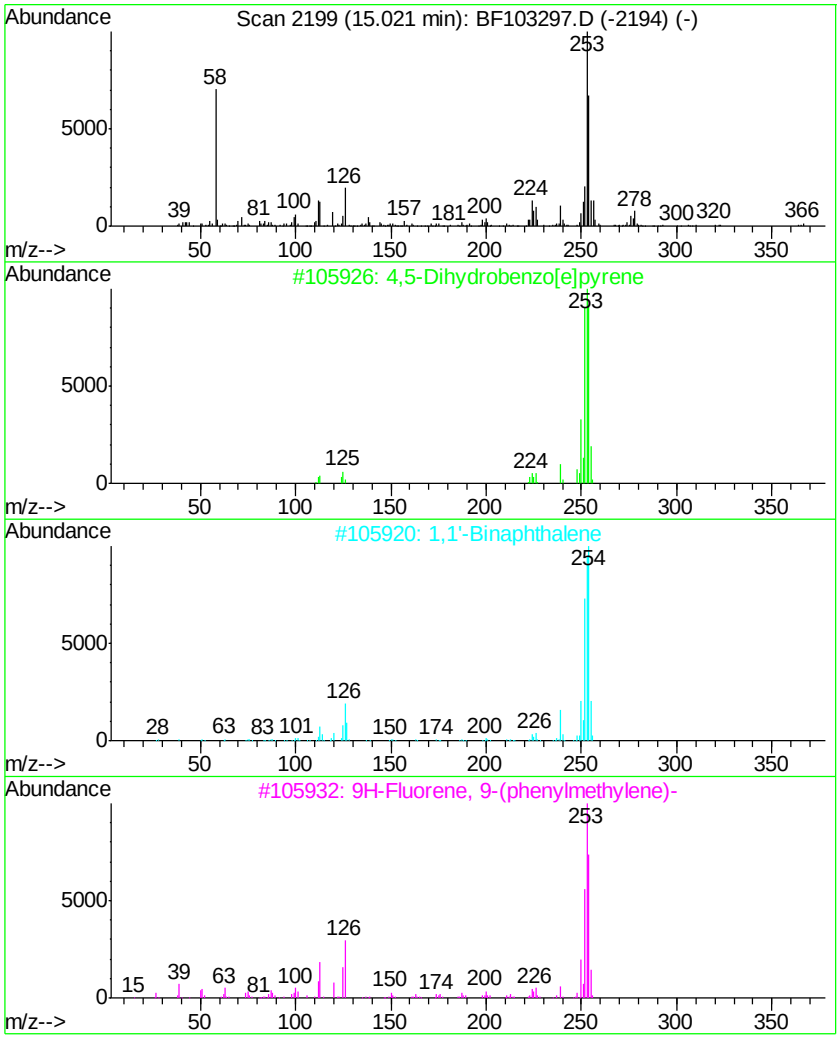
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

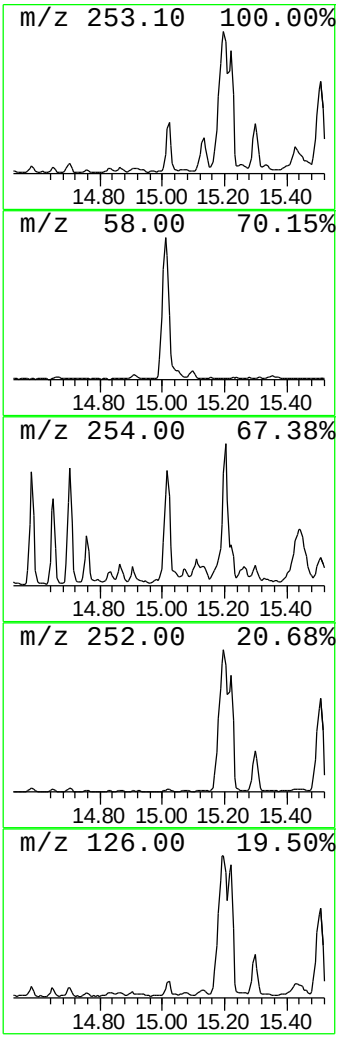
****

Peak Number 17 4,5-Dihydrobenzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	14.12 ng	573711	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	50
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	41
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	38
5	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	38





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

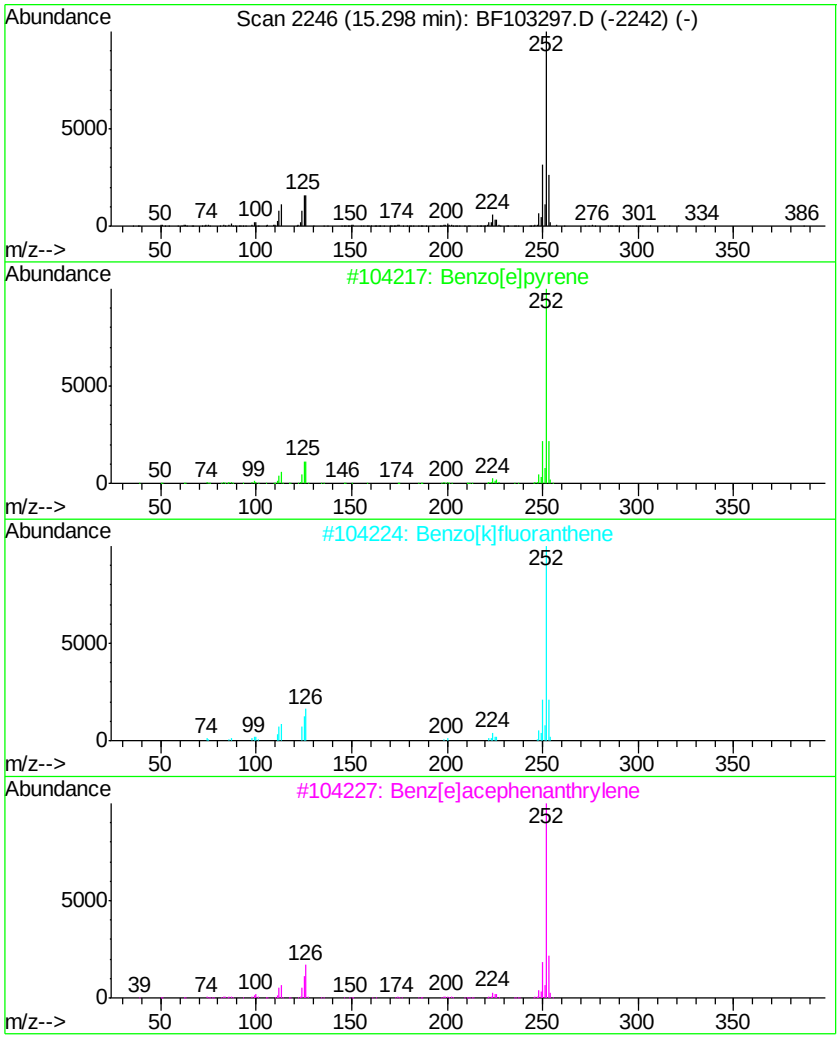
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

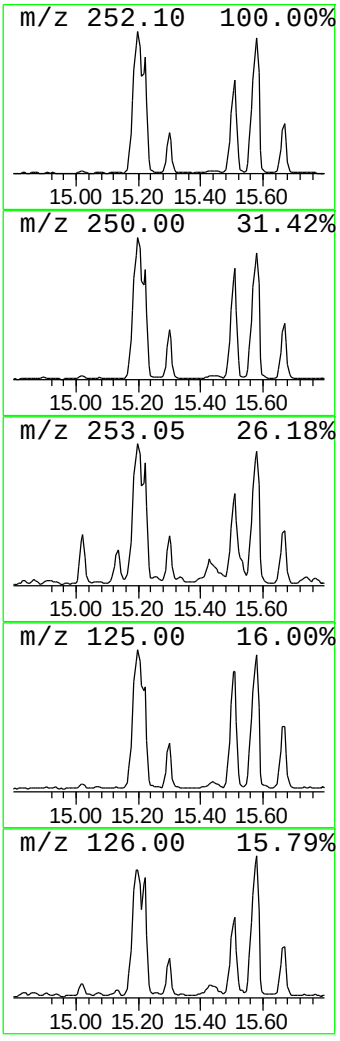
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	14.99 ng	608969	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022818\
Data File : BF103297.D
Acq On : 28 Feb 2018 17:10
Operator : SJ/JU
Sample : J1399-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.65	6.65	58.7	ng	2553990	1	6.87	870784	20.0
Naphthalene, 1-me...	8.97	22.7	ng	1343850	2	8.16	1184610	20.0
Naphthalene, 1,7-...	9.50	18.3	ng	1037240	3	9.91	1135010	20.0
Naphthalene, 2,3-...	9.57	21.0	ng	1192840	3	9.91	1135010	20.0
Hexadecane	10.33	14.9	ng	847961	3	9.91	1135010	20.0
9H-Fluorene, 2-me...	11.01	17.5	ng	831165	4	11.41	947904	20.0
Naphtho[1,2-b]thi...	11.30	21.0	ng	995710	4	11.41	947904	20.0
Hexadecanoic acid...	11.78	59.3	ng	2808550	4	11.41	947904	20.0
Phenanthrene, 2-m...	11.91	30.7	ng	1454140	4	11.41	947904	20.0
4H-Cyclopenta[def...	12.02	56.1	ng	2660910	4	11.41	947904	20.0
Naphthalene, 2-ph...	12.20	17.8	ng	844881	4	11.41	947904	20.0
9,12-Octadecadien...	12.48	164.8	ng	7813040	4	11.41	947904	20.0
9-Octadecenoic ac...	12.50	86.9	ng	4119820	4	11.41	947904	20.0
Methyl stearate	12.57	24.5	ng	1161640	4	11.41	947904	20.0
4,5-Dihydrobenzo[...	15.02	14.1	ng	573711	6	15.63	812583	20.0
Benzo[e]pyrene	15.30	15.0	ng	608969	6	15.63	812583	20.0