LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

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-BF031518.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	2.299	31	36	44	rVB	117494	167241	5.23%	0.419%
2	3.575	249	253	274	rBV	151806	320990	10.04%	0.804%
3	5.210	527	531	539	rVB	80541	96785	3.03%	0.242%
4	5.592	590	596	599	rBV	3287761	3198606	100.00%	8.010%
5	5.916	648	651	659	rBV	347883	303772	9.50%	0.761%
6	6.587	760	765	769	rBV	2870213	3185808	99.60%	7.978%
7	6.739	786	791	794	rBV	3461091	3144253	98.30%	7.874%
8	6.792	798	800	805	rBV2	48722	51821	1.62%	0.130%
9	6.969	827	830	834	rVB	1071545	873928	27.32%	2.189%
10	7.128	853	857	860	rBV	2935832	2478840	77.50%	6.208%
11	7.234	870	875	878	rBV2	43431	51236	1.60%	0.128%
12	7.534	921	926	928	rBV	2027787	1890294	59.10%	4.734%
13	7.598	931	937	943	rVB5	18752	44436	1.39%	0.111%
14	7.986	1000	1003	1009	rBV2	44079	51045	1.60%	0.128%
15	8.251	1044	1048	1050	rBV	1375044	1080757	33.79%	2.707%
16	8.275	1050	1052	1054	rVB	257596	187130	5.85%	0.469%
17	8.963	1166	1169	1172	rVB	217581	158127	4.94%	0.396%
18	9.063	1181	1186	1190	rBV	223289	182540	5.71%	0.457%
19	9.328	1226	1231	1234	rVB	3368444	2944817	92.07%	7.375%
20	9.398	1240	1243	1245	rBV	52463	46678	1.46%	0.117%
21	9.428	1245	1248	1251	rVV	39897	37023	1.16%	0.093%
22	9.522	1262	1264	1269	rVB	33845	37930	1.19%	0.095%
23	9.592	1271	1276	1279	rBV2	78808	102725	3.21%	0.257%
24	9.663	1284	1288	1291	rBV	131994	131353	4.11%	0.329%
25	9.692	1291	1293	1294	rVV	72244	51791	1.62%	0.130%
26	9.716	1294	1297	1304	rVB	384669	373889	11.69%	0.936%
27	9.780	1304	1308	1310	rBV2	73970	67862	2.12%	0.170%
28	9.869	1317	1323	1326	rBV	277656	239885	7.50%	0.601%
29	9.927	1329	1333	1336	rVB	120339	103374	3.23%	0.259%
30	10.010	1344	1347	1350	rVV2	1181683	956140	29.89%	2.394%
31	10.039	1350	1352	1355	rVB	163041	134812	4.21%	0.338%
32	10.110	1360	1364	1368	rBV4	25417	35511	1.11%	0.089%
33	10.210	1378	1381	1385	rVB2	113754	115452	3.61%	0.289%
34	10.245	1385	1387	1391	rBV	69552	60848	1.90%	0.152%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.316	1396	1399	1403	rBV2	56600	73226	2.29%	0.183%
36	10.351	1403	1405	1411	rVB2	35559	41293	1.29%	0.103%
37	10.404	1411	1414	1415	rBV	39876	37169	1.16%	0.093%
38	10.427	1415	1418	1421	rVB2	139238	125435	3.92%	0.314%
39	10.463	1421	1424	1426	rBV	53720	43477	1.36%	0.109%
40	10.557	1437	1440	1447	rVB	208233	184285	5.76%	0.462%
41	10.645	1452	1455	1457	rVB3	41244	40773	1.27%	0.102%
42	10.716	1462	1467	1470	rBV4	27434	45062	1.41%	0.113%
43	10.798	1477	1481	1485	rVB	1706769	1459335	45.62%	3.655%
44	10.904	1495	1499	1500	rBV	90830	91176	2.85%	0.228%
45	11.104	1529	1533	1536	rBV2	63159	87707	2.74%	0.220%
46	11.133	1536	1538	1541	rVV3	47873	49059	1.53%	0.123%
47	11.192	1545	1548	1550	rBV	43293	39326	1.23%	0.098%
48	11.304	1565	1567	1570	rVB2	45071	34976	1.09%	0.088%
49	11.351	1572	1575	1577	rVV2	69749	63242	1.98%	0.158%
50	11.398	1581	1583	1587	rVB	96773	78932	2.47%	0.198%
51	11.504	1597	1601	1603	rBV	965471	883929	27.63%	2.214%
52	11.527	1603	1605	1608	rVV	859931	646729	20.22%	1.620%
53	11.574	1610	1613	1616	rVV	308182	257987	8.07%	0.646%
54	11.610	1616	1619	1622	rVB2	45552	50156	1.57%	0.126%
55	11.710	1632	1636	1637	rBV3	33062	33188	1.04%	0.083%
56	11.727	1637	1639	1642	rVB	58070	52115	1.63%	0.131%
57	11.833	1654	1657	1661	rVB	77379	67681	2.12%	0.169%
58	11.880	1662	1665	1668	rVV2	77890	62211	1.94%	0.156%
59	11.916	1668	1671	1674	rVB	41334	46226	1.45%	0.116%
60	12.010	1683	1687	1689	rBV2	344079	438480	13.71%	1.098%
61	12.033	1689	1691	1694	rVV	269783	221109	6.91%	0.554%
62	12.080	1696	1699	1702	rVV	123025	114471	3.58%	0.287%
63	12.116	1702	1705	1708	rVV2	326179	399956	12.50%	1.002%
64	12.139	1708	1709	1713	rVB	166021	92792	2.90%	0.232%
65	12.186	1714	1717	1719	rBV4	35190	34623	1.08%	0.087%
66	12.233	1723	1725	1728	rVB2	37032	35456	1.11%	0.089%
67	12.298	1733	1736	1738	rVV3	117605	115084	3.60%	0.288%
68	12.327	1738	1741	1747	rVB5	63795	101579	3.18%	0.254%
69	12.427	1756	1758	1760	rBV	38597	38556	1.21%	0.097%
70	12.480	1764	1767	1769	rVV	80600	66505	2.08%	0.167%
71	12.504	1769	1771	1773	rVB2	62146	48892	1.53%	0.122%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.551	1774	1779	1781	rBV	193182	250757	7.84%	0.628%
73	12.592	1784	1786	1788	rVV2	215496	187961	5.88%	0.471%
74	12.639	1792	1794	1798	rBV3	88653	121911	3.81%	0.305%
75	12.721	1804	1808	1811	rBV	1257008	1083929	33.89%	2.714%
76	12.757	1812	1814	1817	rVV2	52804	55295	1.73%	0.138%
77	12.874	1831	1834	1836	rBV	80158	72903	2.28%	0.183%
78	12.951	1844	1847	1852	rVB	1246013	1149793	35.95%	2.879%
79	13.004	1853	1856	1859	rVB2	85620	89973	2.81%	0.225%
80	13.092	1867	1871	1874	rBV	2339156	2118286	66.23%	5.305%
81	13.163	1880	1883	1888	rBV2	121152	189286	5.92%	0.474%
82	13.257	1895	1899	1900	rBV2	103652	129982	4.06%	0.326%
83	13.280	1900	1903	1906	rVB	259216	254073	7.94%	0.636%
84	13.345	1911	1914	1917	rVB	194631	156582	4.90%	0.392%
85	13.386	1917	1921	1923	rBV2	180652	179779	5.62%	0.450%
86	13.474	1934	1936	1939	rBV	143987	117355	3.67%	0.294%
87	13.510	1939	1942	1944	rVV	127160	118070	3.69%	0.296%
88	13.927	2011	2013	2015	rVB	89909	64331	2.01%	0.161%
89	13.974	2018	2021	2029	rVB4	457273	537160	16.79%	1.345%
90	14.151	2047	2051	2054	rBV2	1038966	1521250	47.56%	3.810%
91	14.180	2054	2056	2062	rVB	597580	533038	16.66%	1.335%
92	15.233	2232	2235	2239	rBV	344357	540388	16.89%	1.353%
93	15.557	2288	2290	2297	rVB	220497	286909	8.97%	0.719%
94	15.627	2298	2302	2308	rVB	310833	429889	13.44%	1.077%
95	15.692	2310	2313	2317	rBV	402301	532609	16.65%	1.334%

Sum of corrected areas: 39931406

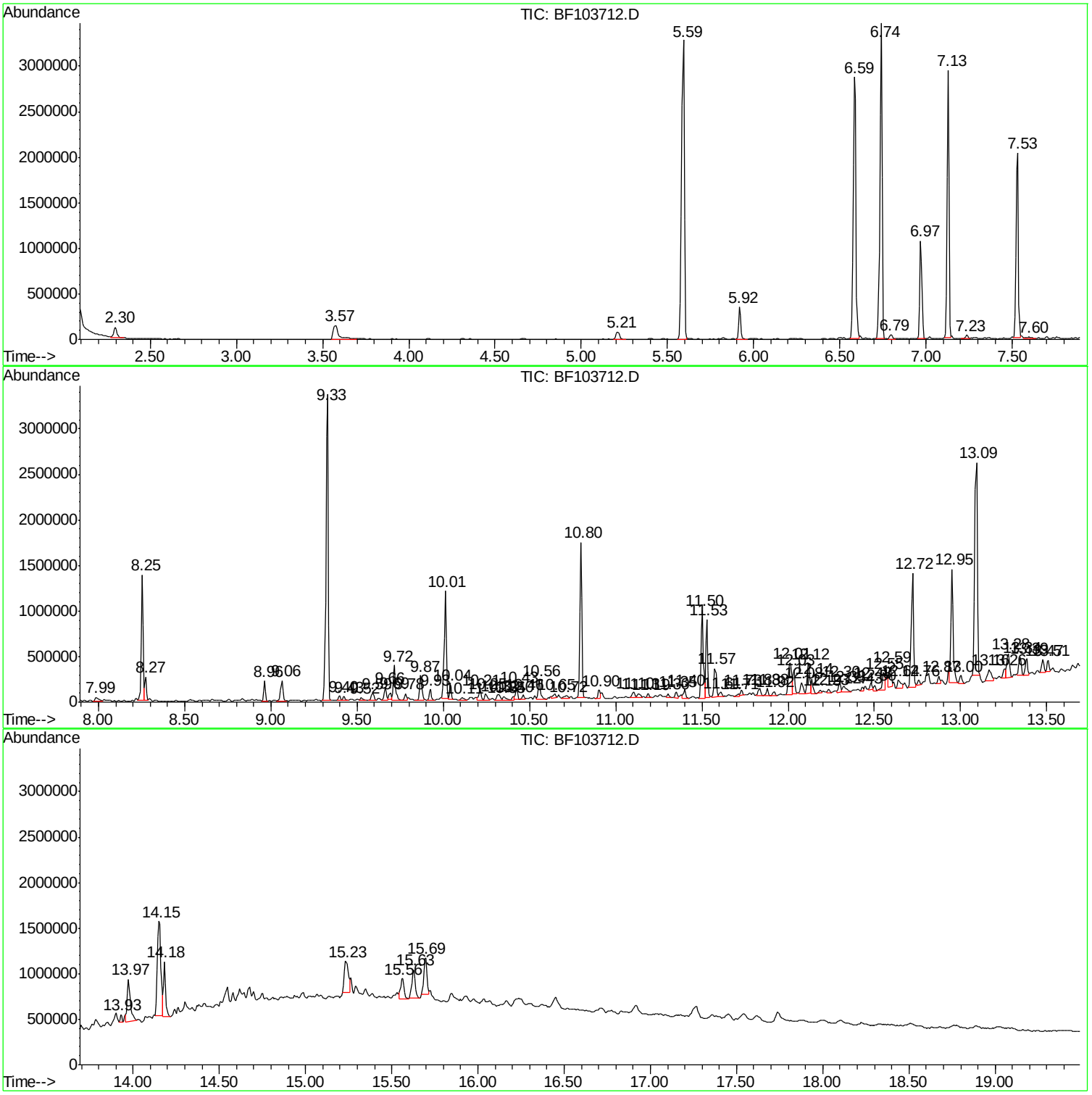
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

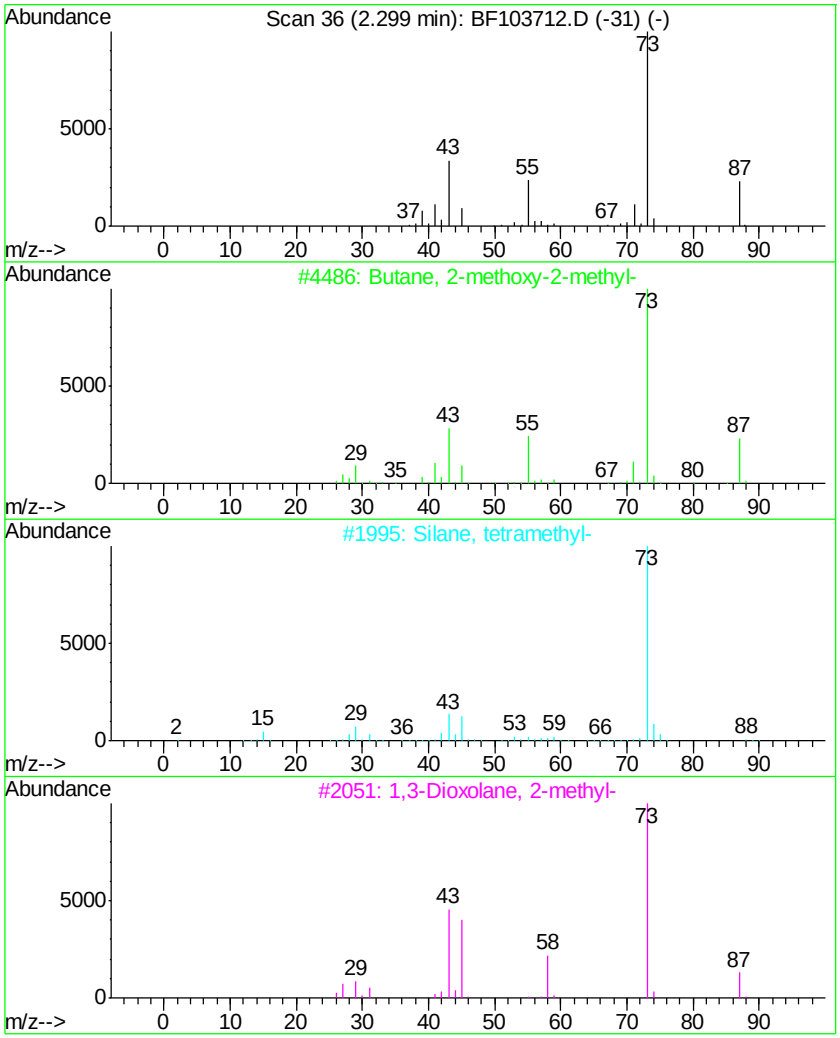
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

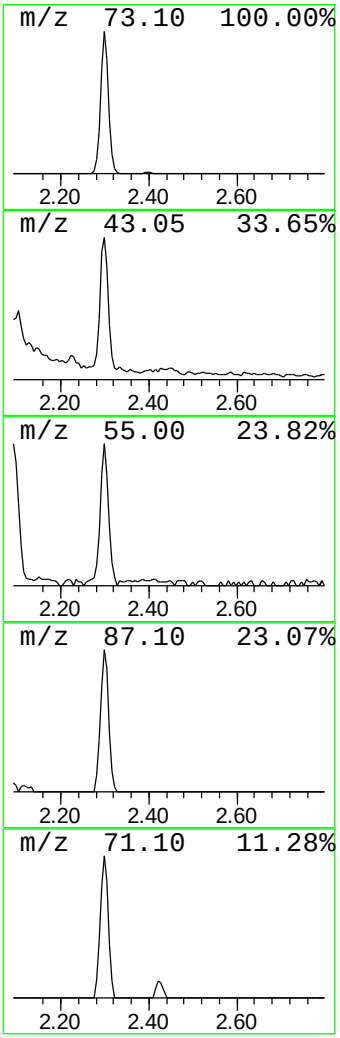
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	3.83 ng	167241	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

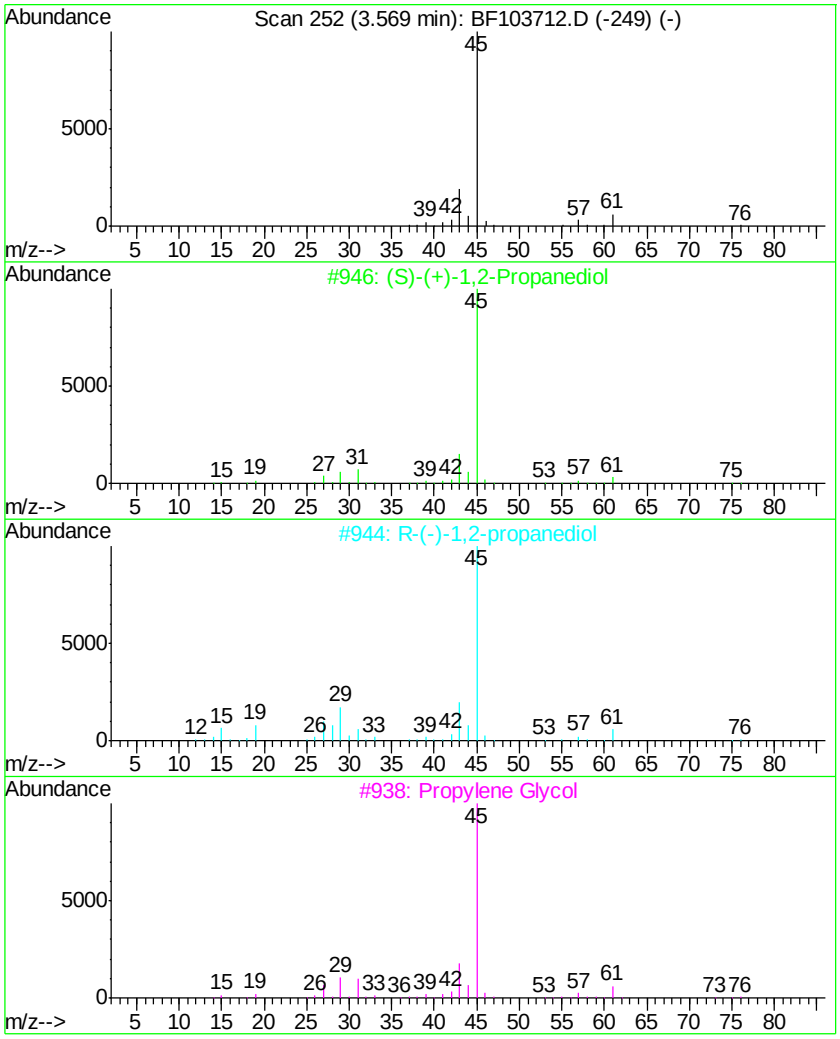
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

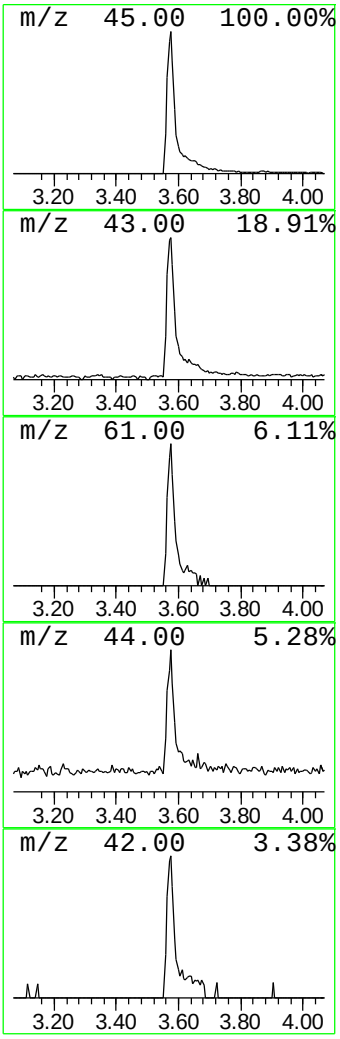
****

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	7.35 ng	320990	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	43
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
5	2-Pentanol	88	C5H12O	006032-29-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

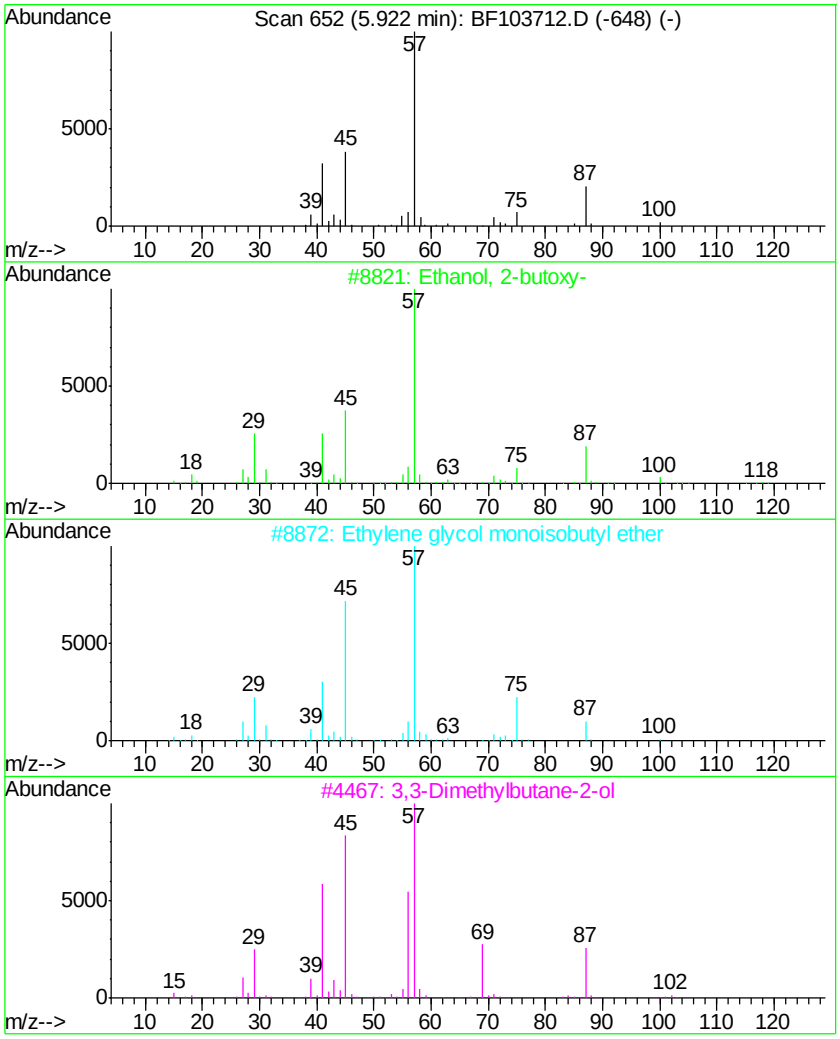
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

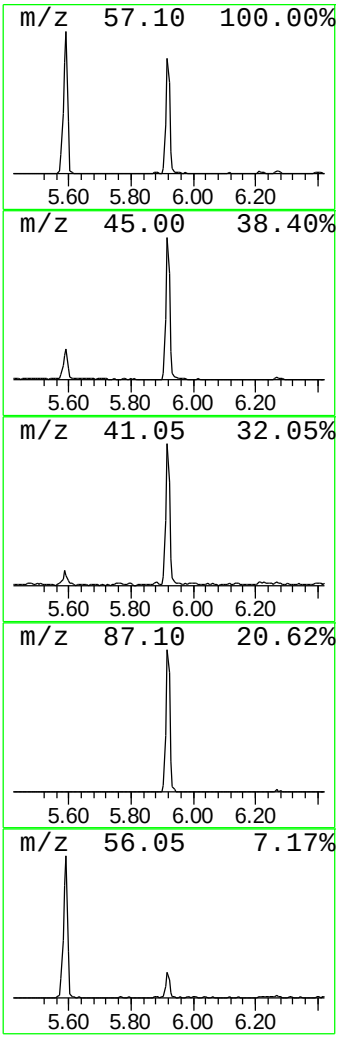
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	6.95 ng	303772	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

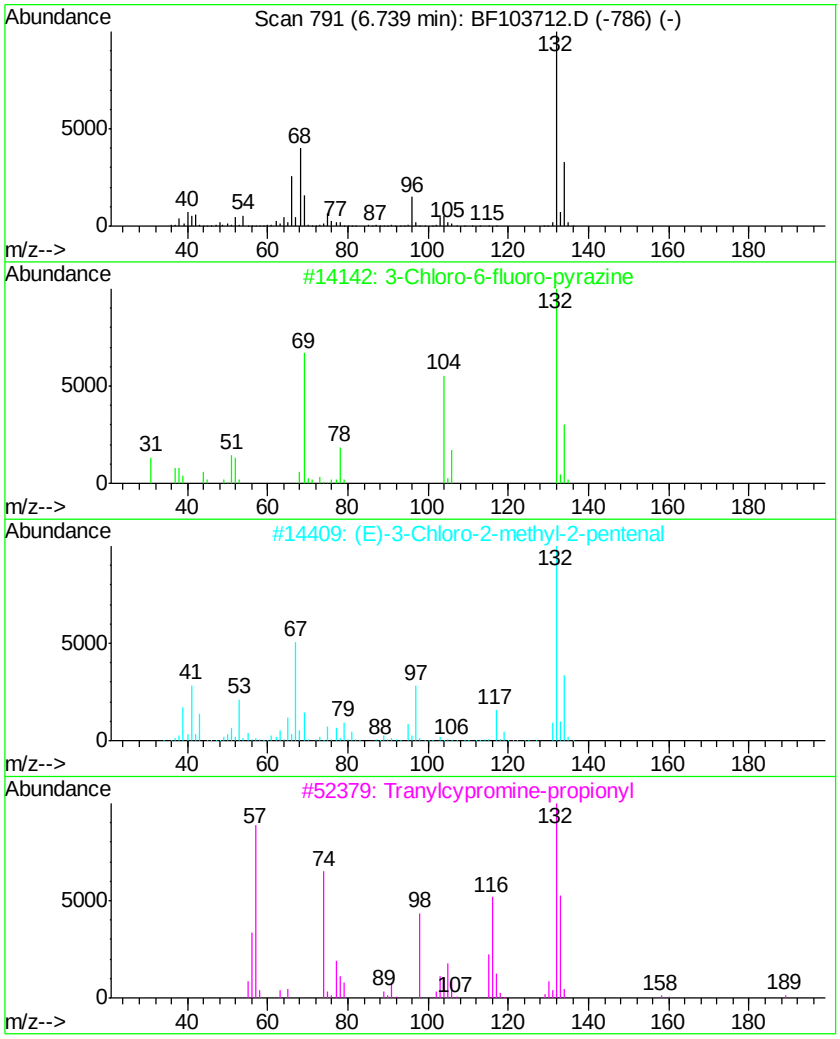
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

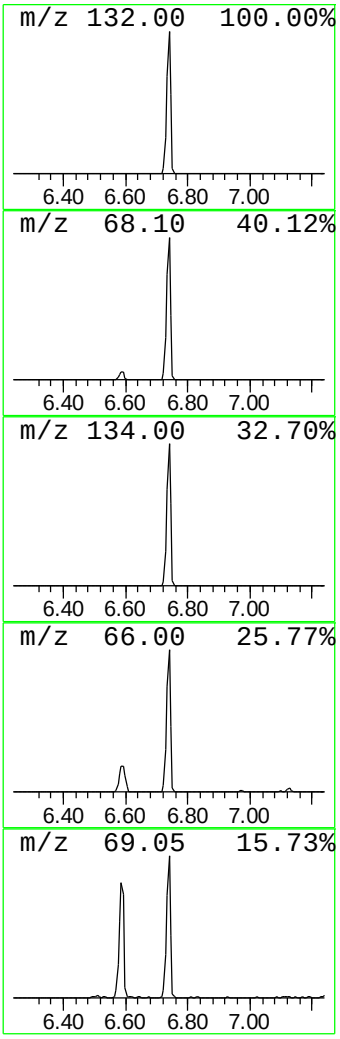
****

Peak Number 4 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	71.96 ng	3144250	1,4-Dichlorobenzene-d4	6.97

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

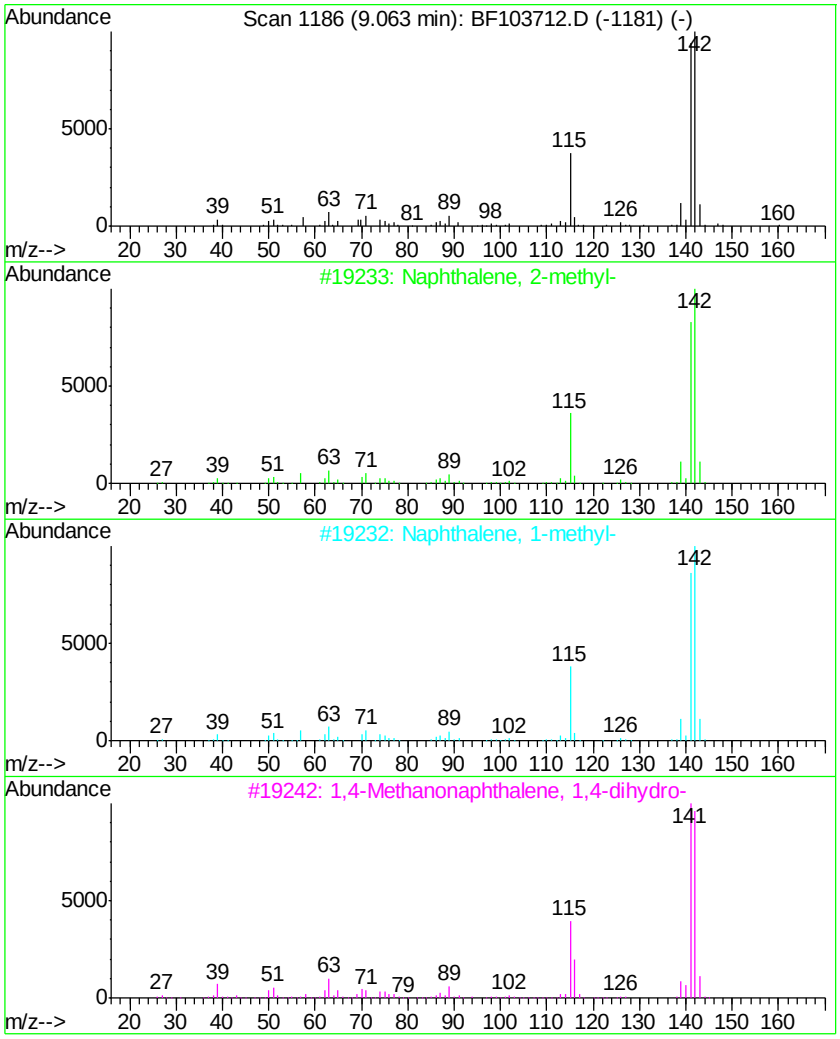
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

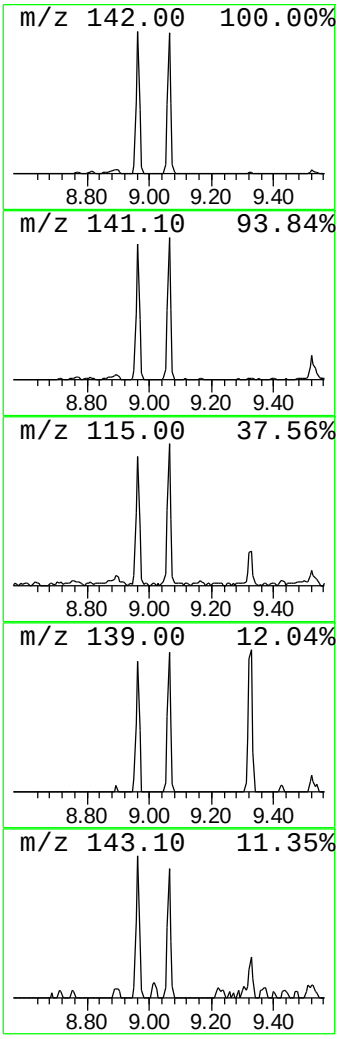
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	3.38 ng	182540	Naphthalene-d8	8.25

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

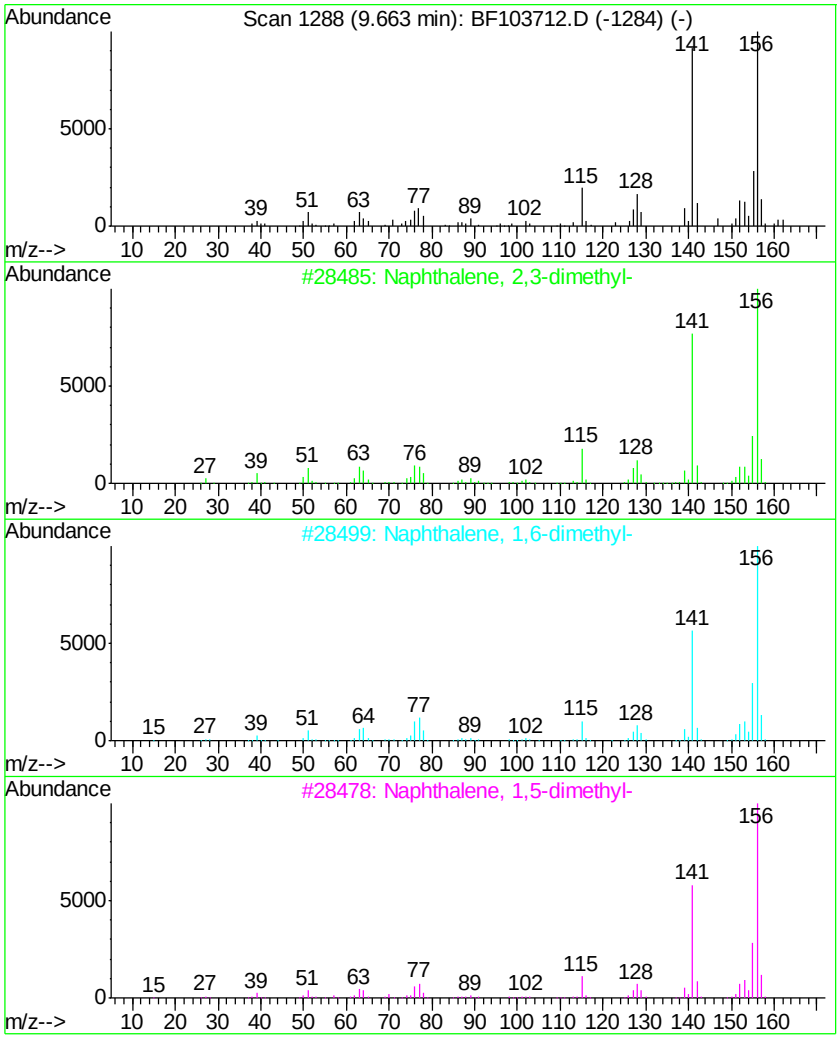
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

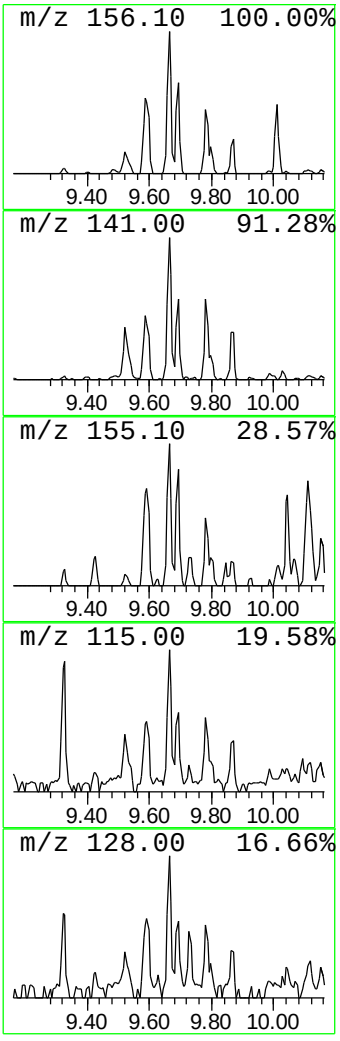
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.75 ng	131353	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

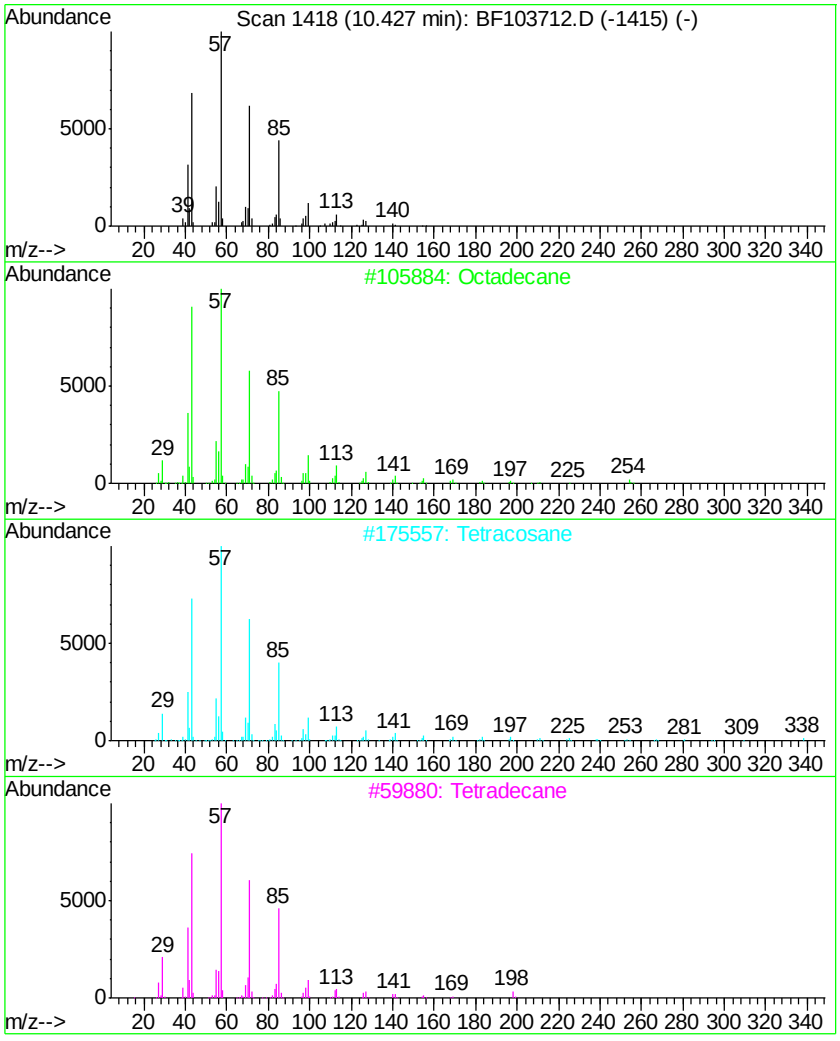
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

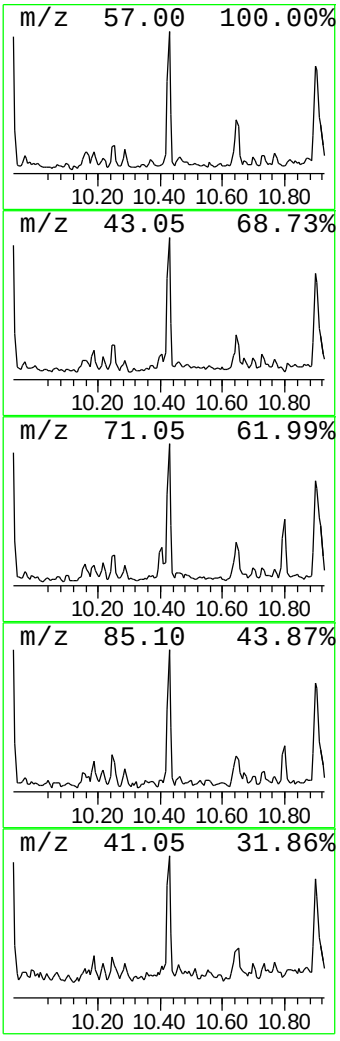
****

Peak Number 8 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.62 ng	125435	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

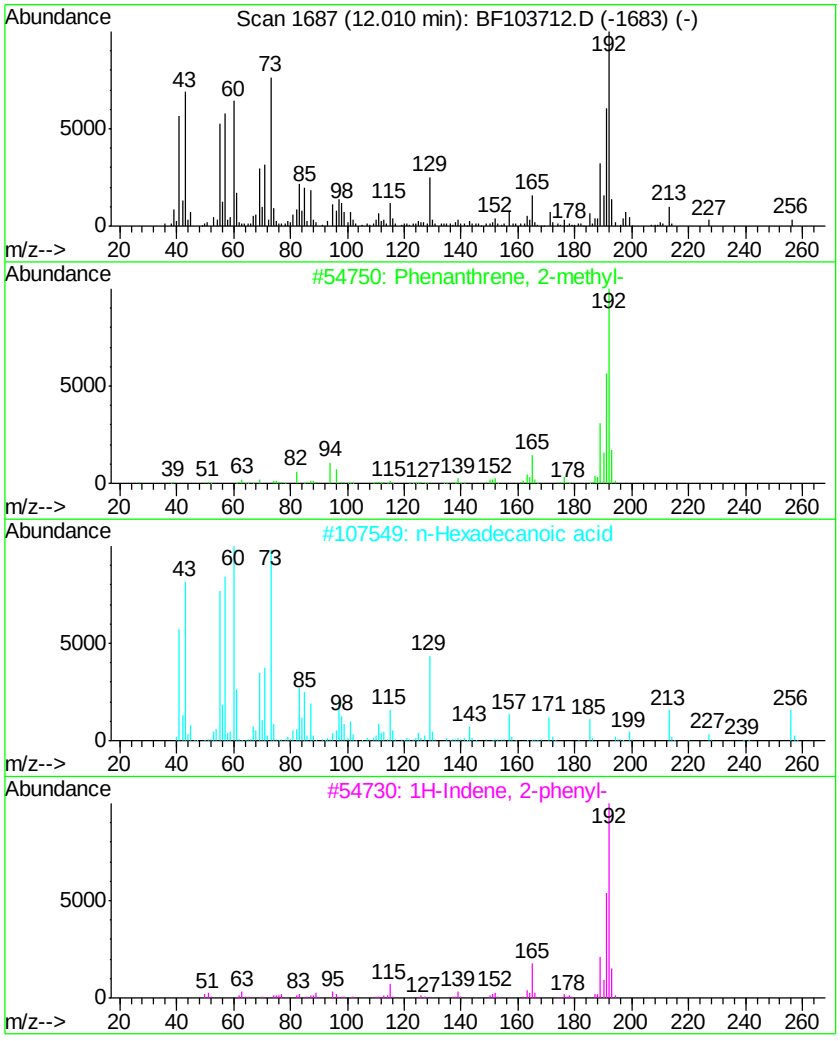
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

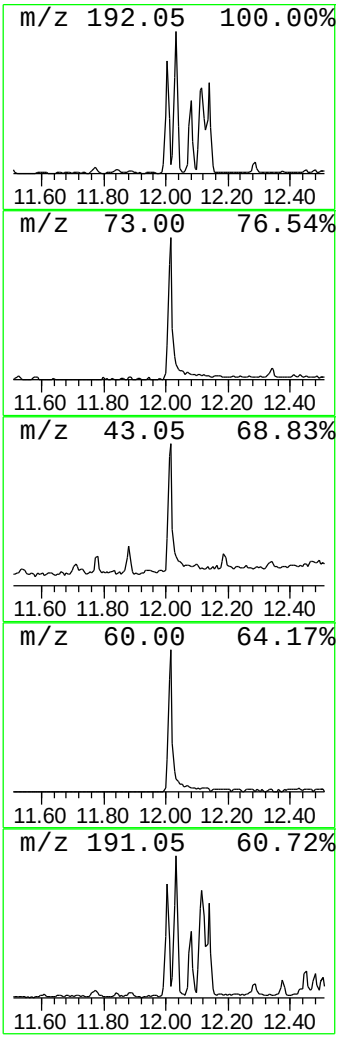
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.92 ng	438480	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

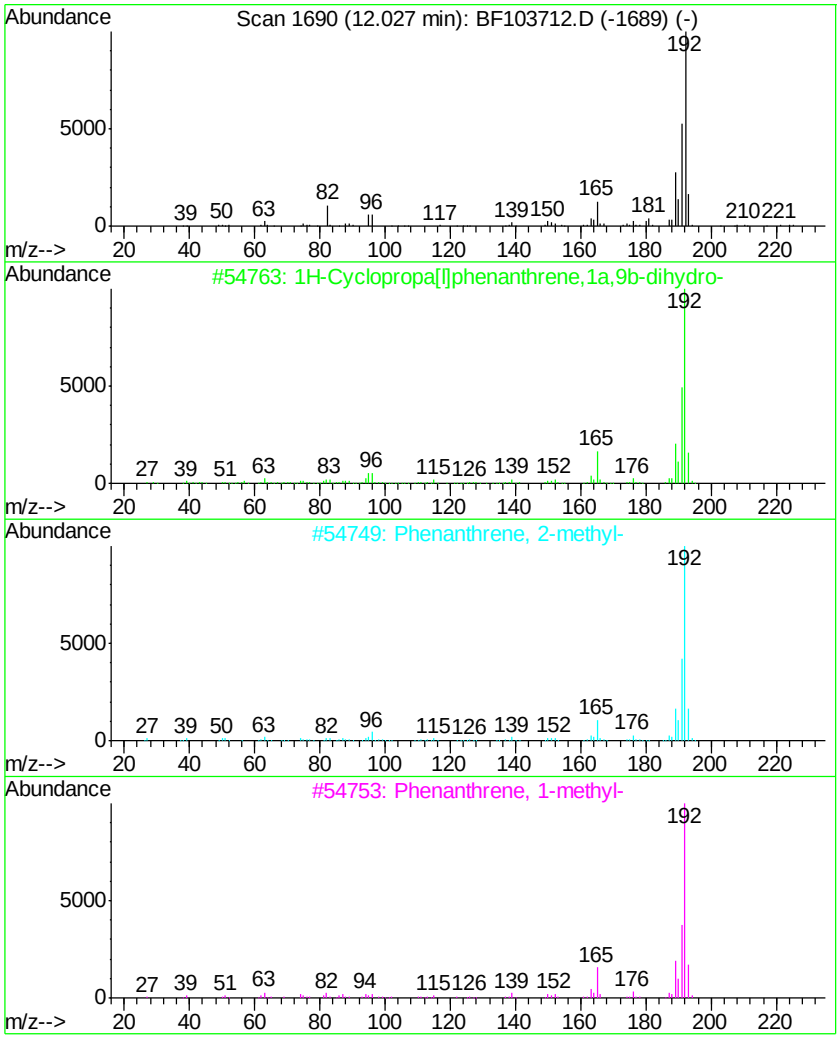
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

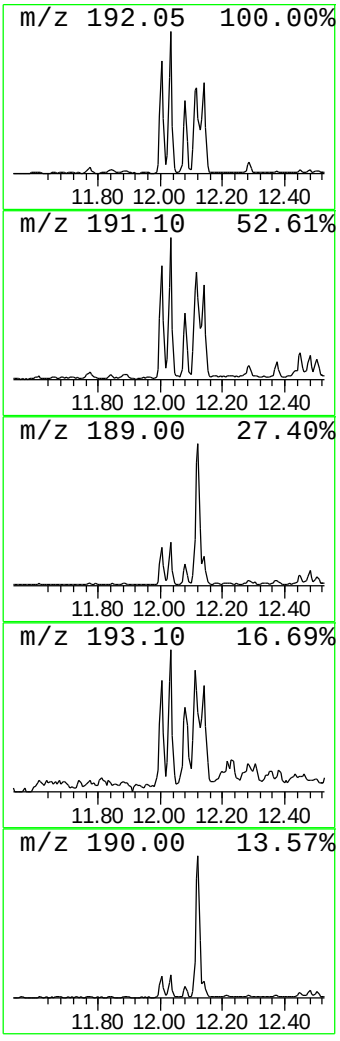
****

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.00 ng	221109	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

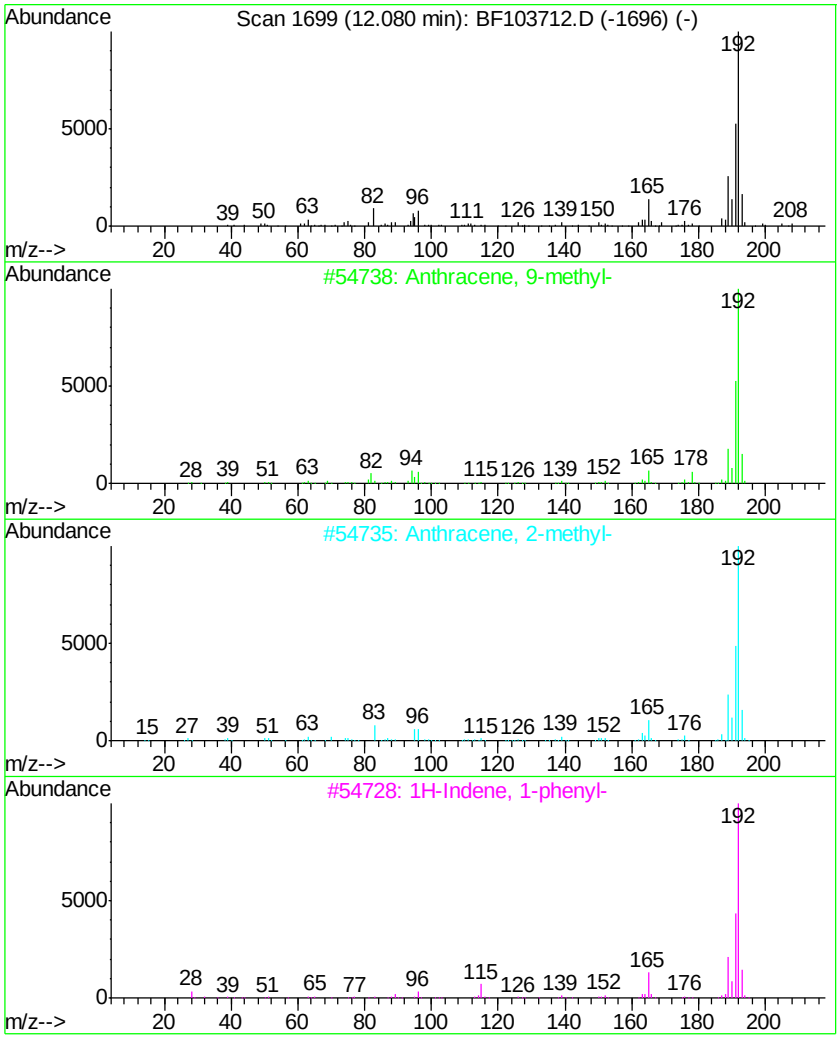
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

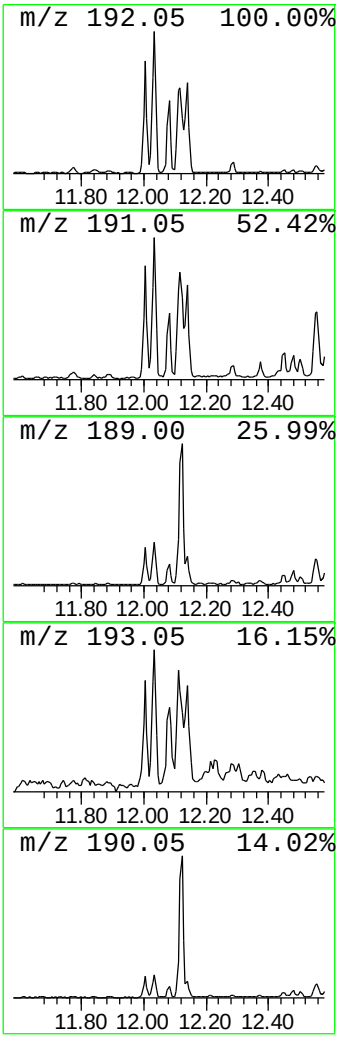
****

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.59 ng	114471	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

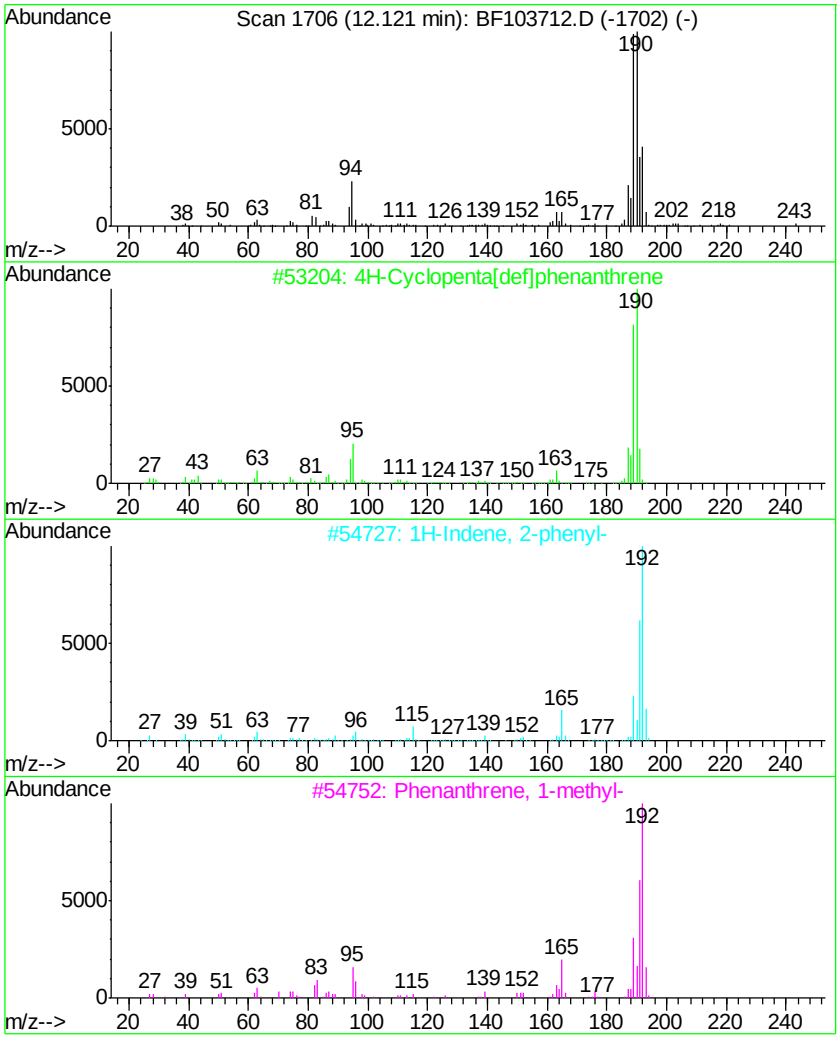
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

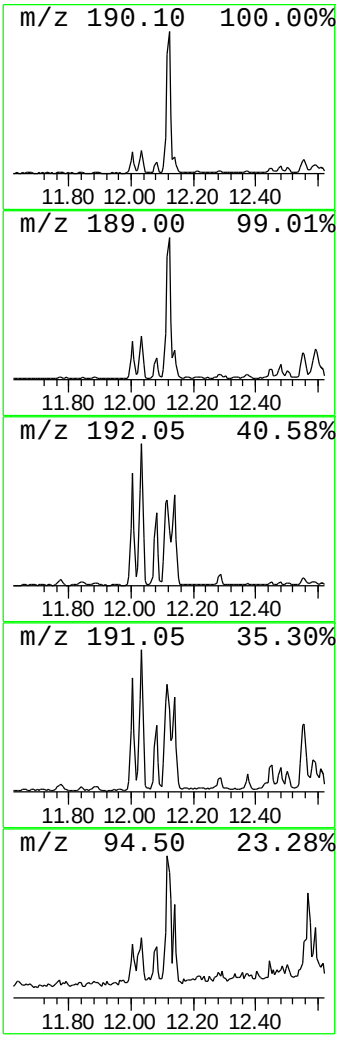
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.05 ng	399956	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

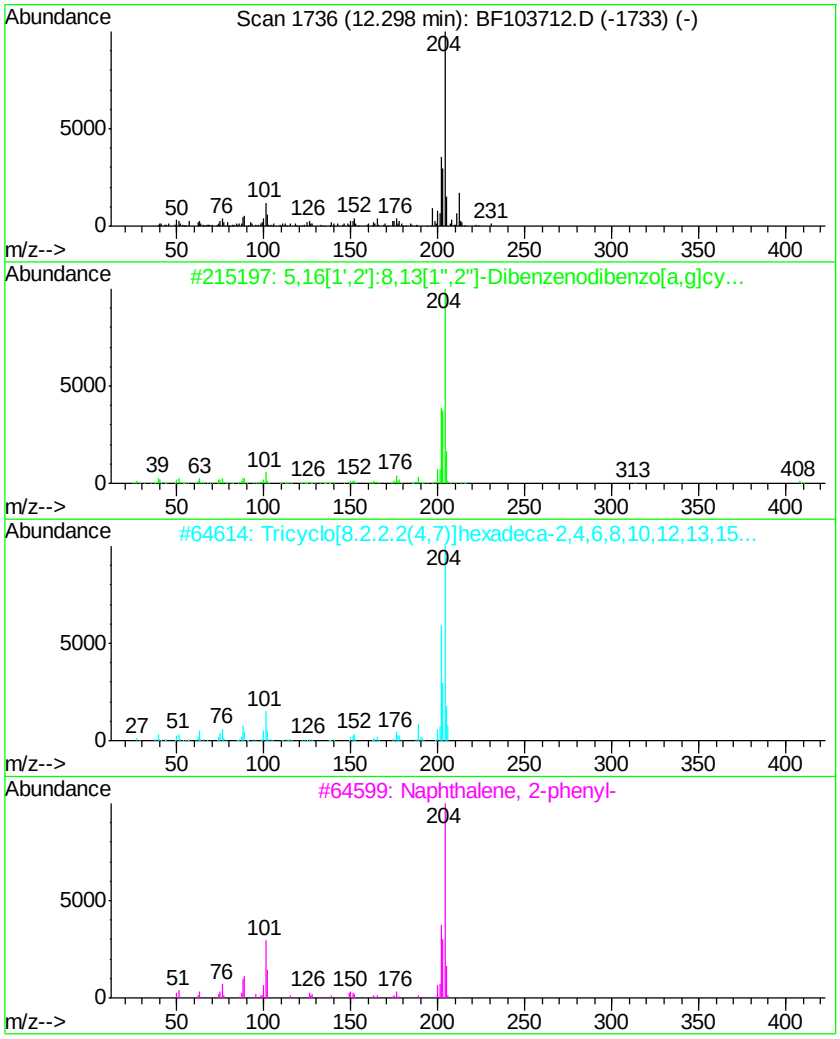
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

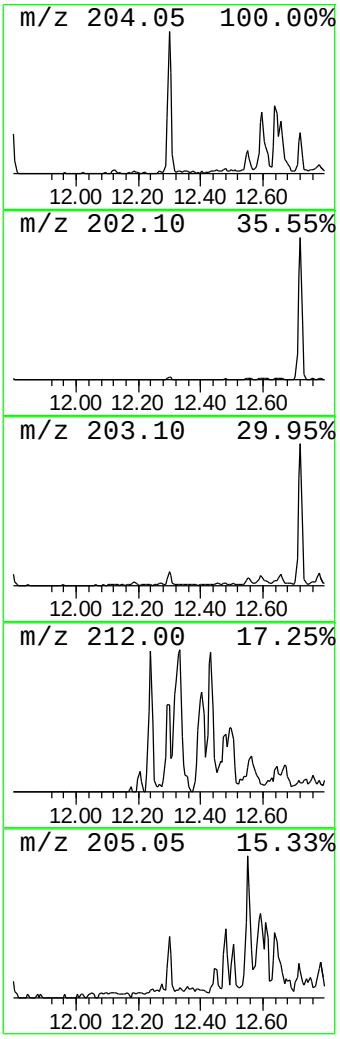
****

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.60 ng	115084	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	60
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	55





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

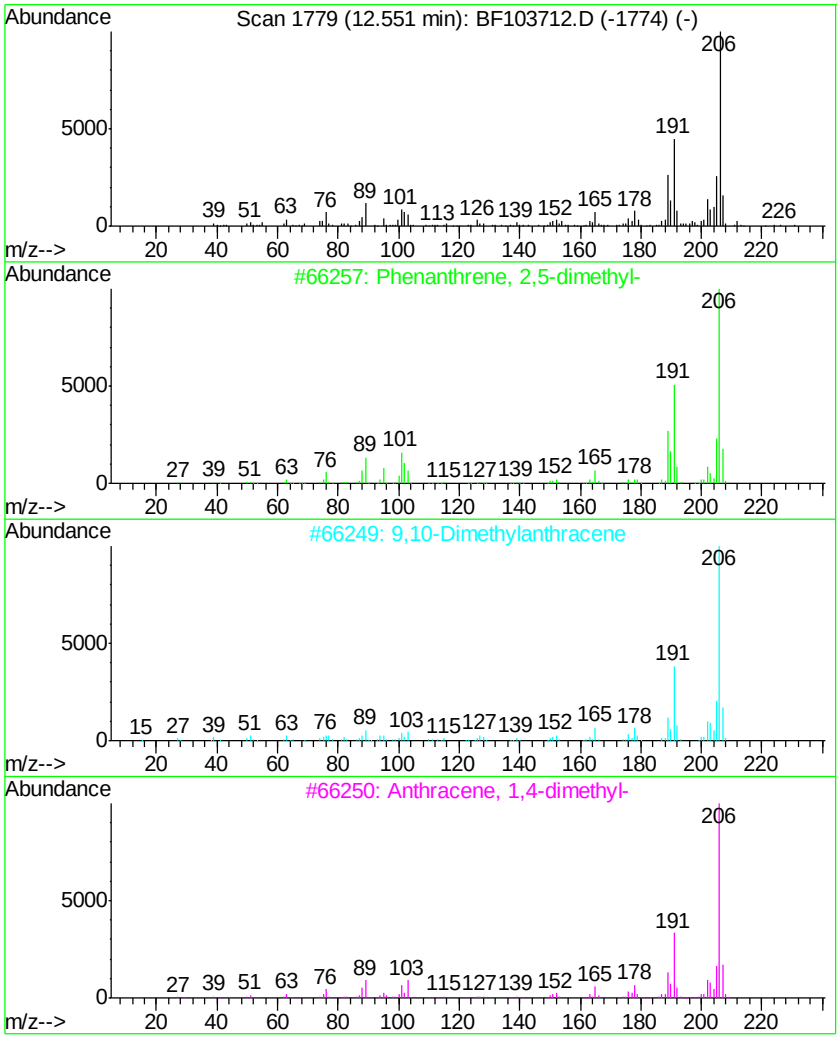
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

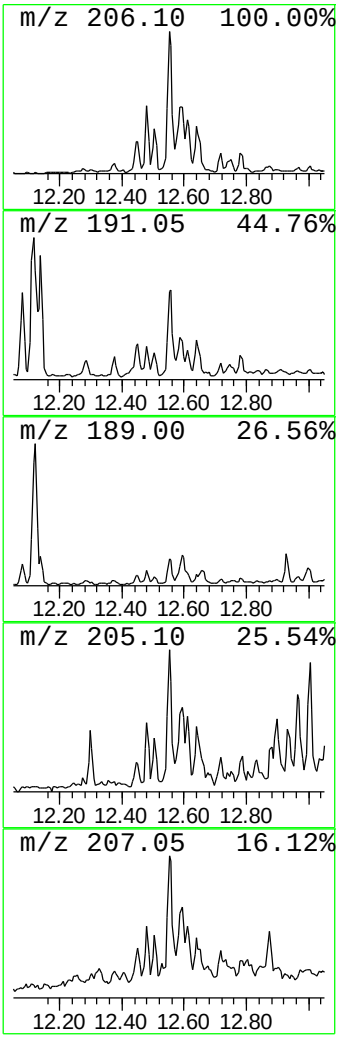
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.67 ng	250757	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

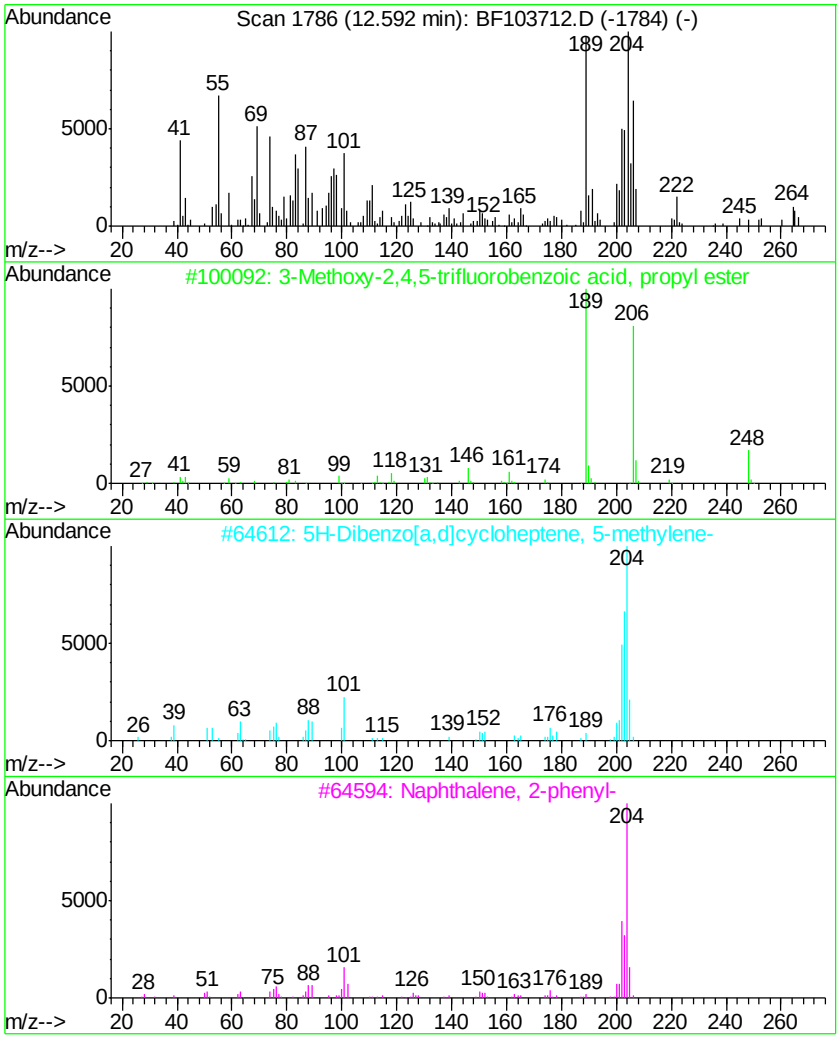
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

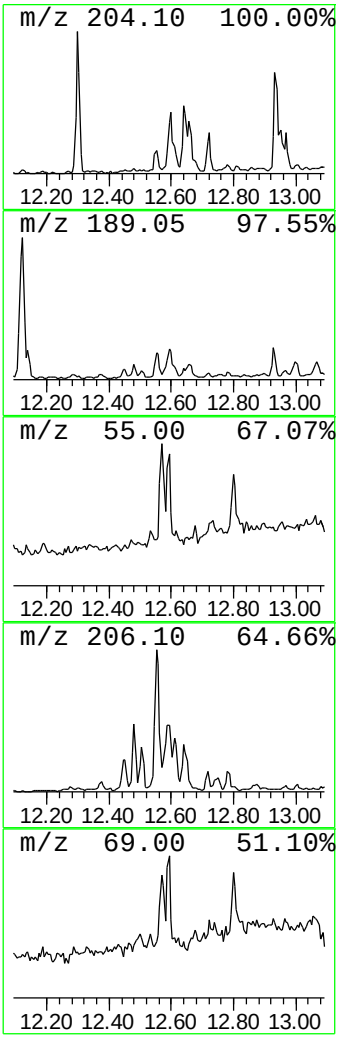
****

Peak Number 15 unknown12.59 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	4.25 ng	187961	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-2,4,5-trifluorobenzoic...	248	C11H11F3O3	1000338-75-8	30
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
4	Tetramisole	204	C11H12N2S	005036-02-2	25
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

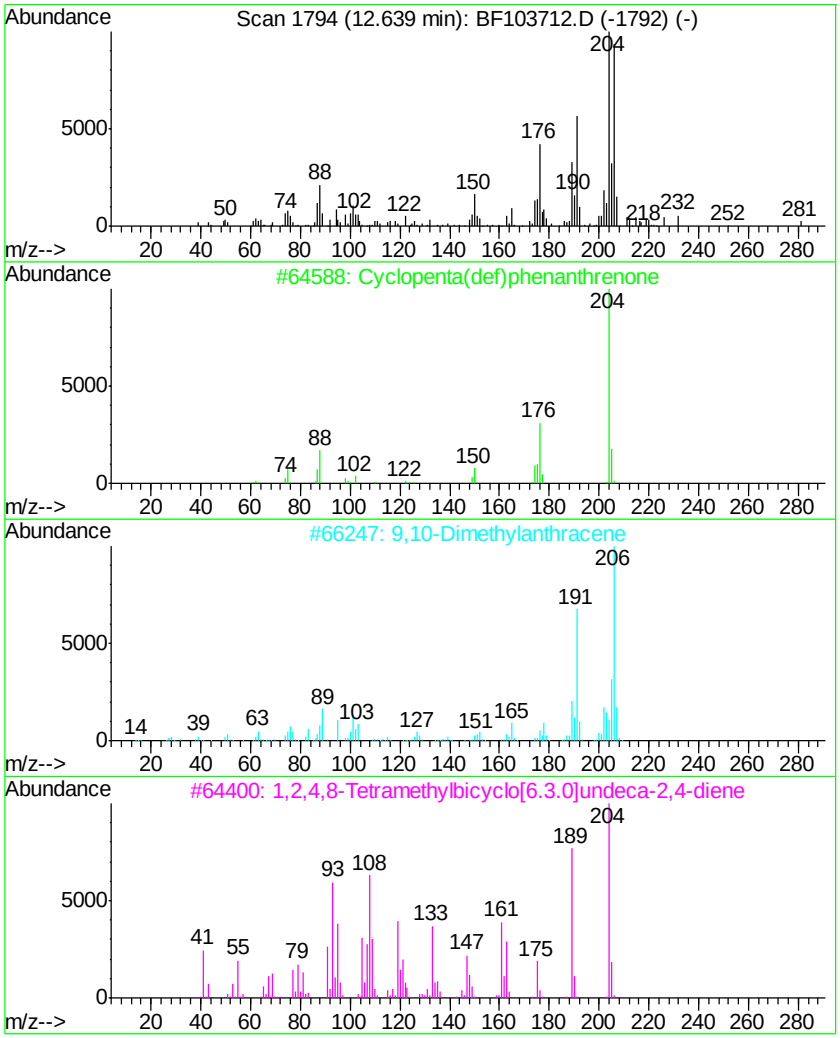
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

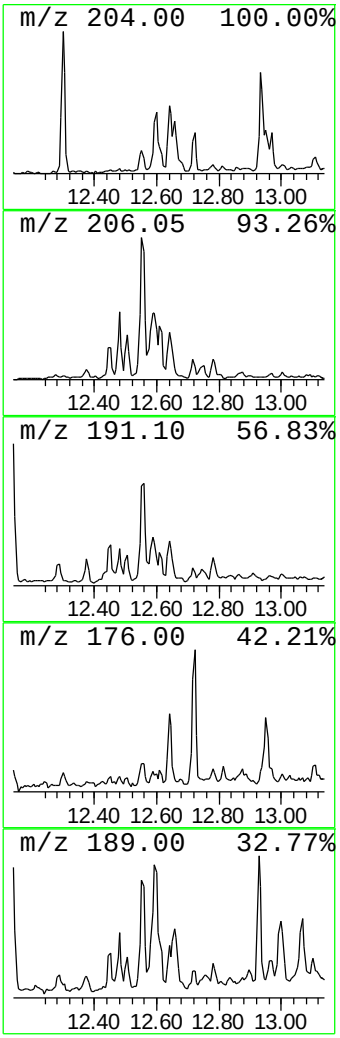
****

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.76 ng	121911	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	60
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

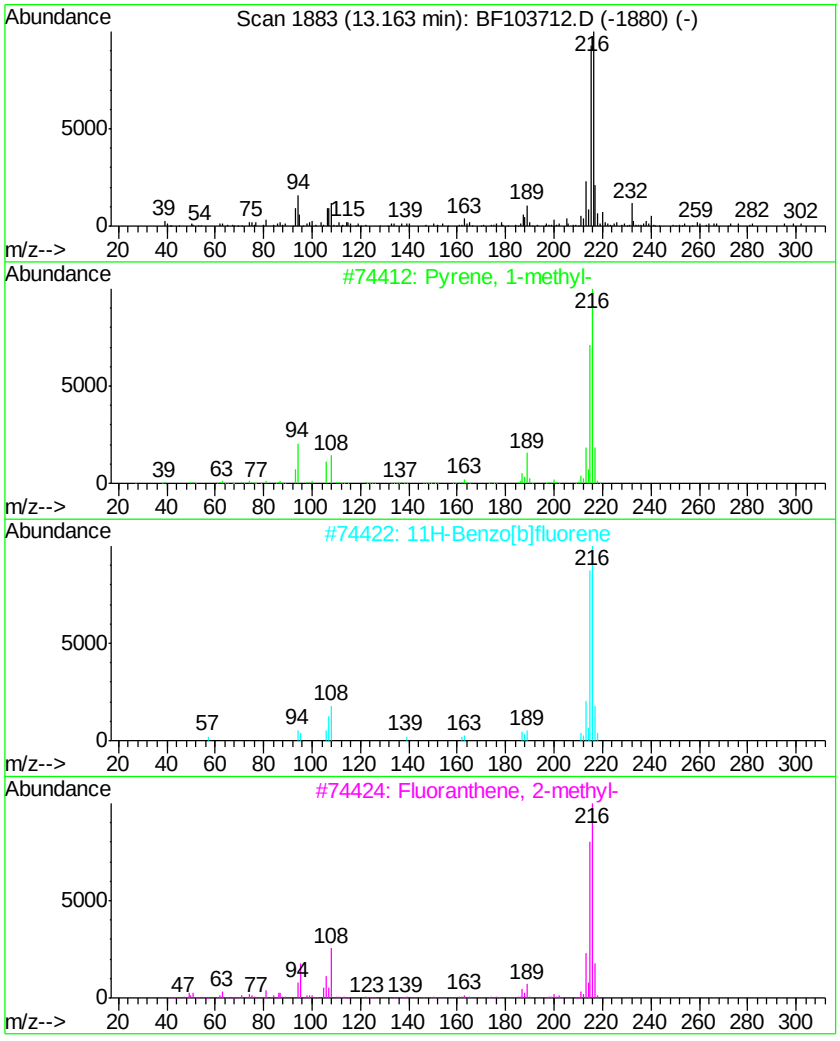
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

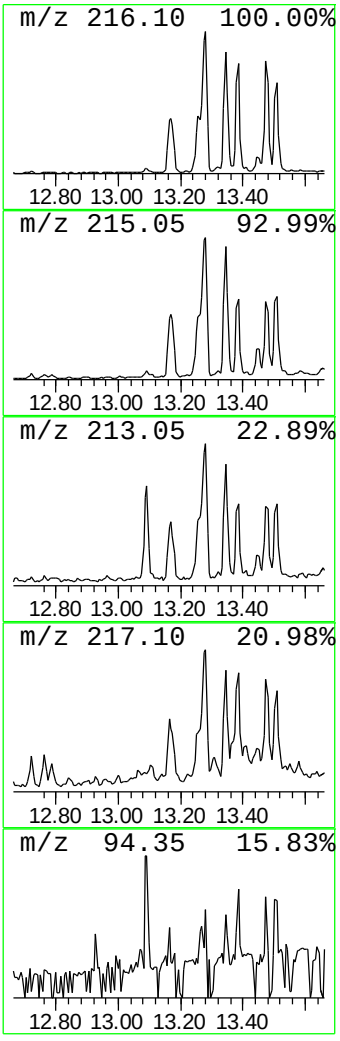
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.49 ng	189286	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

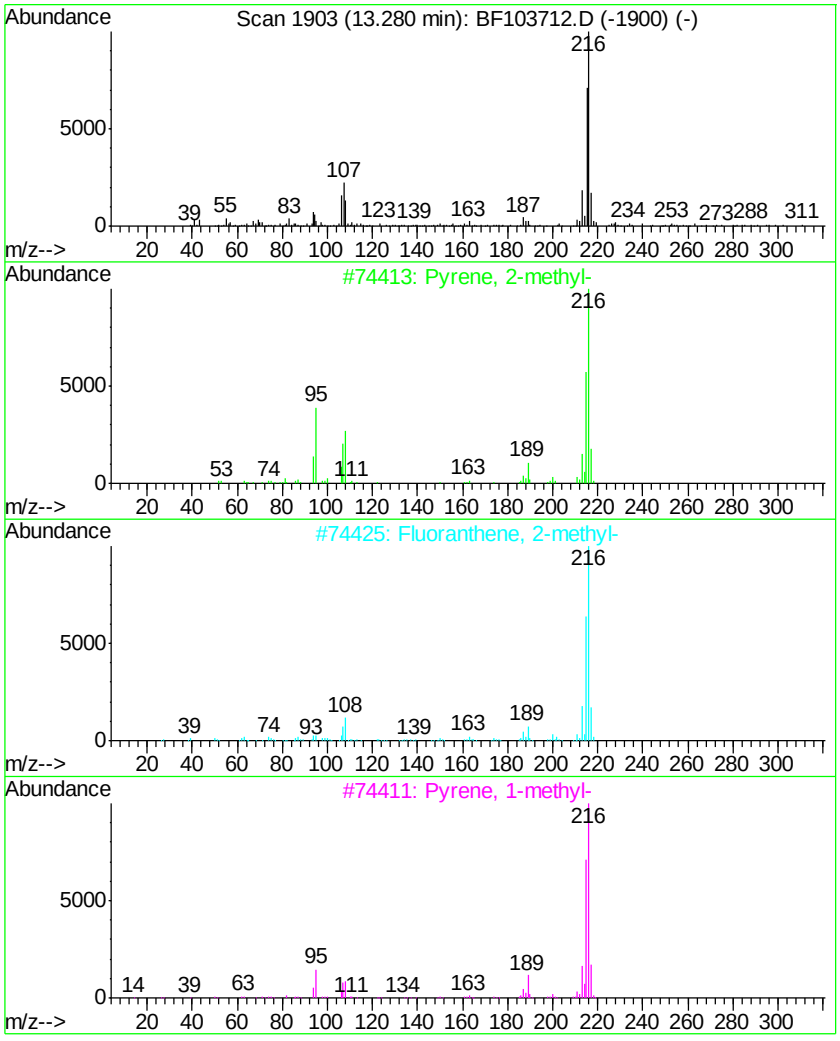
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

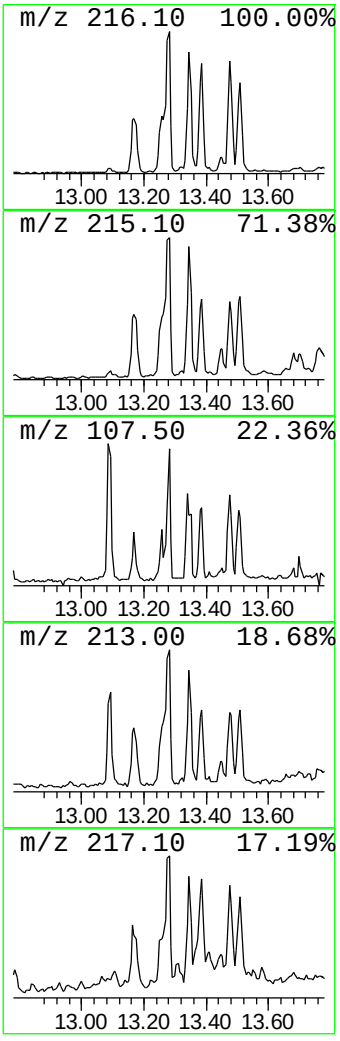
****

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.34 ng	254073	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

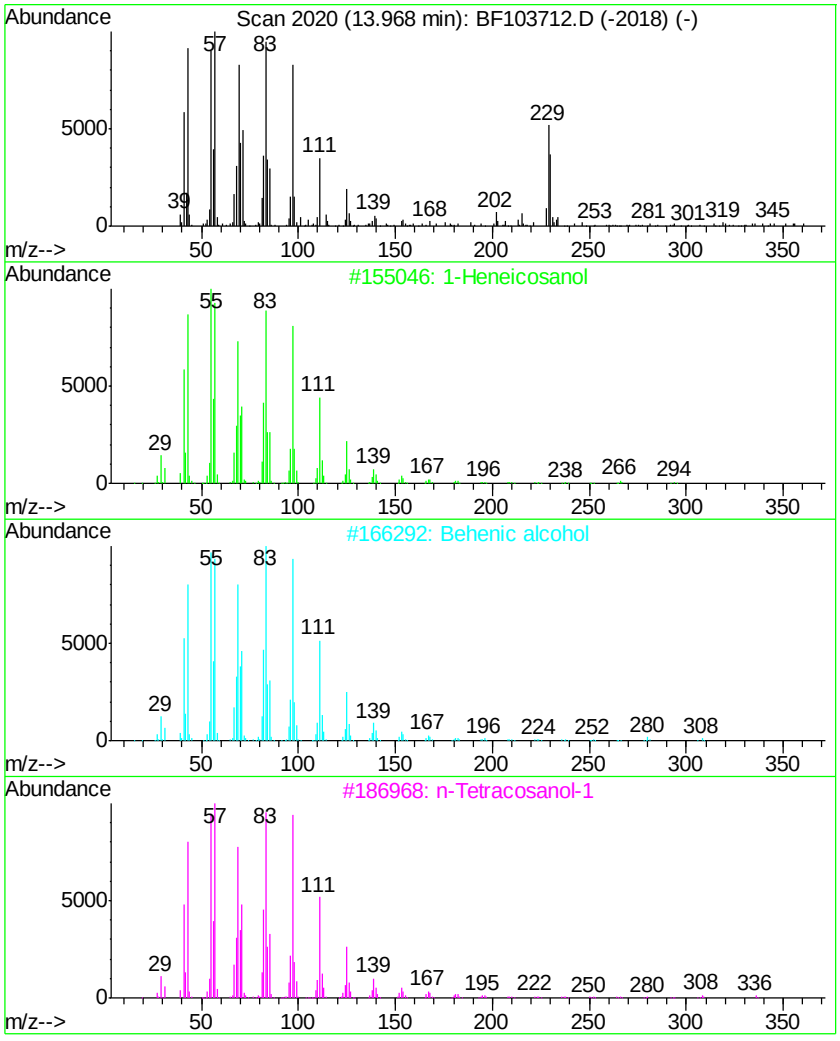
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

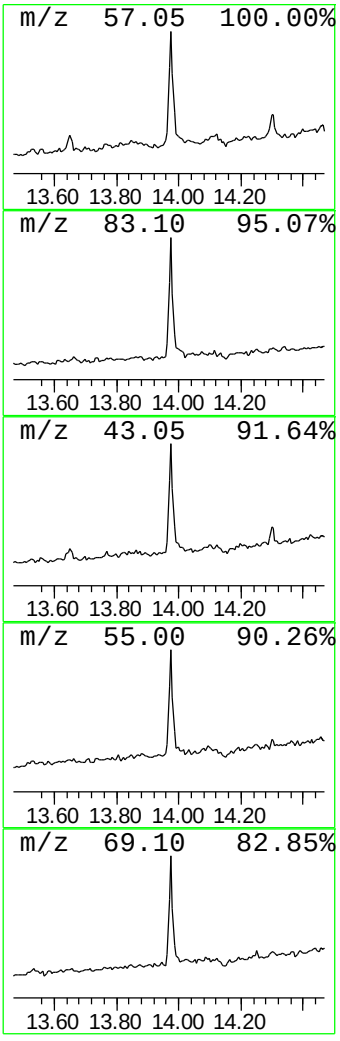
****

Peak Number 19 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.06 ng	537160	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

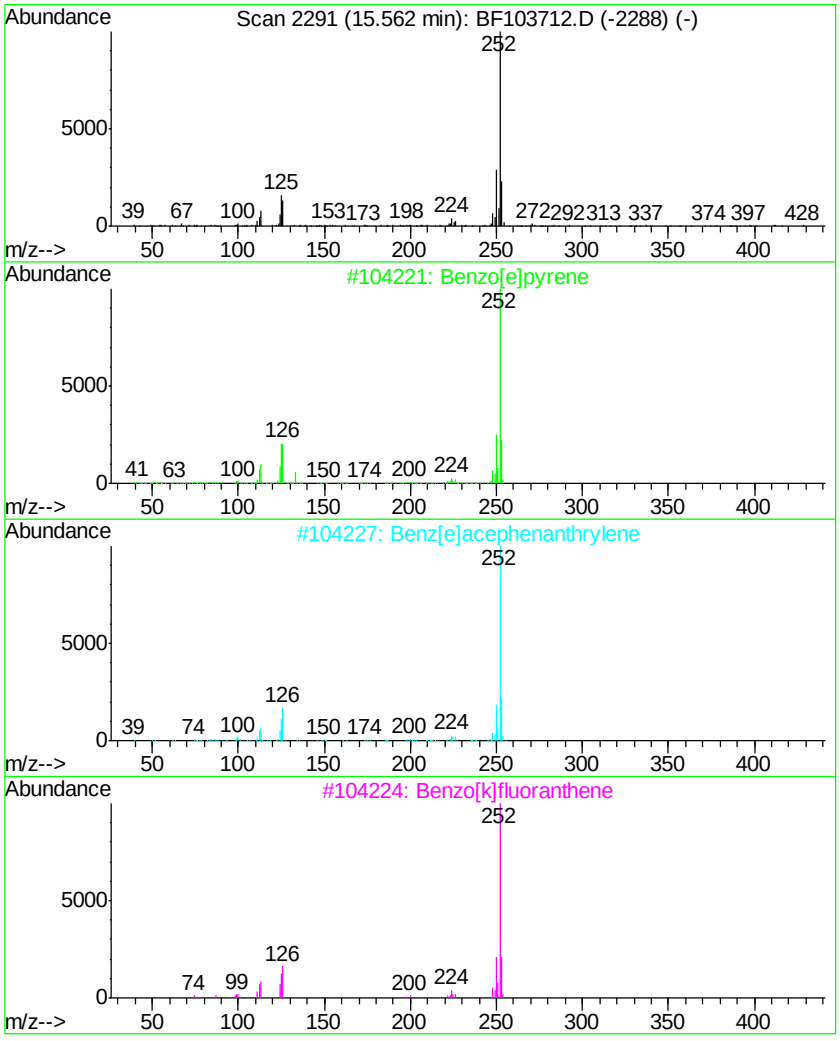
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

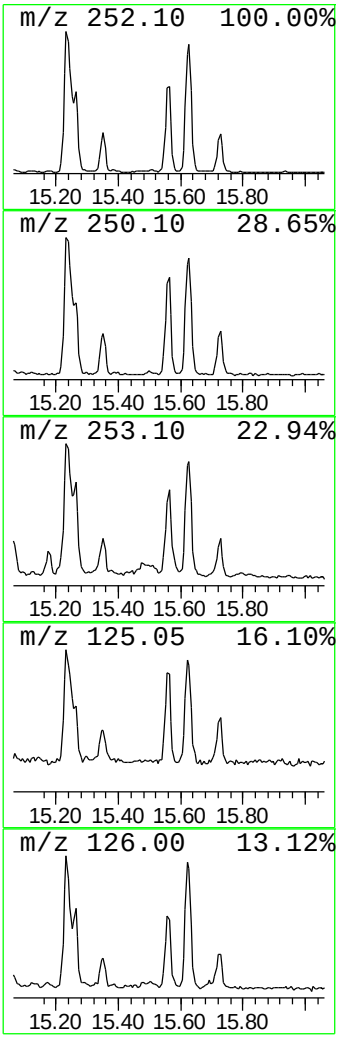
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	10.77 ng	286909	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF031618\
Data File : BF103712.D
Acq On : 16 Mar 2018 22:27
Operator : JU/SJ
Sample : J1756-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
Butane, 2-methoxy...	2.30	3.8	ng	167241	1	6.97	873928	20.0
(S)-(+)-1,2-Propa...	3.57	7.3	ng	320990	1	6.97	873928	20.0
Ethanol, 2-butoxy-	5.92	7.0	ng	303772	1	6.97	873928	20.0
unknown6.74	6.74	72.0	ng	3144250	1	6.97	873928	20.0
Naphthalene, 1-me...	9.06	3.4	ng	182540	2	8.25	1080760	20.0
Naphthalene, 2,3-...	9.66	2.8	ng	131353	3	10.01	956140	20.0
Octadecane	10.43	2.6	ng	125435	3	10.01	956140	20.0
Phenanthrene, 2-m...	12.01	9.9	ng	438480	4	11.50	883929	20.0
1H-Cyclopropa[l]p...	12.03	5.0	ng	221109	4	11.50	883929	20.0
Anthracene, 9-met...	12.08	2.6	ng	114471	4	11.50	883929	20.0
4H-Cyclopenta[def...	12.12	9.1	ng	399956	4	11.50	883929	20.0
5,16[1',2']:8,13[...	12.30	2.6	ng	115084	4	11.50	883929	20.0
Phenanthrene, 2,5...	12.55	5.7	ng	250757	4	11.50	883929	20.0
unknown12.59	12.59	4.3	ng	187961	4	11.50	883929	20.0
Cyclopenta(def)ph...	12.64	2.8	ng	121911	4	11.50	883929	20.0
Pyrene, 1-methyl-	13.16	2.5	ng	189286	5	14.16	1521250	20.0
Pyrene, 2-methyl-	13.28	3.3	ng	254073	5	14.16	1521250	20.0
1-Heneicosanol	13.97	7.1	ng	537160	5	14.16	1521250	20.0
Benzo[e]pyrene	15.56	10.8	ng	286909	6	15.69	532609	20.0