LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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	5.492	575	579	604	rBV	412847	1557479	49.21%	2.408%
2	6.504	747	751	769	rBV	582101	1768988	55.89%	2.736%
3	6.628	769	772	778	rVV	1164751	1697255	53.63%	2.625%
4	6.669	778	779	787	rVB4	230046	291892	9.22%	0.451%
5	6.857	807	811	825	rBV2	342163	675223	21.33%	1.044%
6	7.010	834	837	850	rBV	994733	1337730	42.27%	2.069%
7	7.116	852	855	858	rVV2	61035	103057	3.26%	0.159%
8	7.433	904	909	931	rBV	507321	1365621	43.15%	2.112%
9	8.139	1026	1029	1031	rVV	764056	823895	26.03%	1.274%
10	8.157	1031	1032	1052	rVB	786410	1256392	39.70%	1.943%
11	8.639	1110	1114	1121	rVB3	51219	96889	3.06%	0.150%
12	8.851	1147	1150	1163	rBV	829965	1213416	38.34%	1.876%
13	8.951	1163	1167	1175	rBV	1055462	1176136	37.16%	1.819%
14	9.075	1185	1188	1191	rVB2	81233	75219	2.38%	0.116%
15	9.186	1205	1207	1208	rBV	107384	80670	2.55%	0.125%
16	9.210	1208	1211	1220	rVV	1686260	1870037	59.08%	2.892%
17	9.274	1220	1222	1227	rVB	91620	89042	2.81%	0.138%
18	9.322	1227	1230	1238	rBV	126088	182242	5.76%	0.282%
19	9.422	1239	1247	1253	rBV3	145248	311282	9.84%	0.481%
20	9.480	1253	1257	1262	rBV	605948	961918	30.39%	1.487%
21	9.551	1266	1269	1272	rVV	1051979	1160240	36.66%	1.794%
22	9.580	1272	1274	1280	rVV	692802	753137	23.80%	1.165%
23	9.669	1286	1289	1300	rVB	455005	721694	22.80%	1.116%
24	9.757	1300	1304	1309	rBV2	695582	860539	27.19%	1.331%
25	9.898	1321	1328	1331	rBV2	808388	1089386	34.42%	1.685%
26	9.927	1331	1333	1342	rVB3	285392	467842	14.78%	0.723%
27	10.004	1342	1346	1350	rBV	201557	287905	9.10%	0.445%
28	10.092	1358	1361	1366	rVV2	380544	498095	15.74%	0.770%
29	10.133	1366	1368	1372	rVB	363218	369307	11.67%	0.571%
30	10.210	1377	1381	1384	rBV	426083	463663	14.65%	0.717%
31	10.239	1384	1386	1391	rVB	242459	255016	8.06%	0.394%
32	10.304	1392	1397	1399	rBV2	306552	442050	13.97%	0.684%
33	10.321	1399	1400	1403	rVB	187697	115740	3.66%	0.179%
34	10.357	1403	1406	1410	rBV2	102480	140562	4.44%	0.217%

LSC Area Percent Report

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Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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	10.392	1410	1412	1414	rVB	161254	116311	3.67%	0.180%
36	10.421	1414	1417	1418	rBV2	119488	120859	3.82%	0.187%
37	10.451	1418	1422	1428	rVV2	710038	977329	30.88%	1.511%
38	10.527	1428	1435	1437	rVB4	128291	242727	7.67%	0.375%
39	10.604	1443	1448	1452	rVB3	150822	210459	6.65%	0.325%
40	10.698	1458	1464	1470	rBV3	620694	1004441	31.74%	1.553%
41	10.792	1475	1480	1481	rVV2	101145	156313	4.94%	0.242%
42	10.810	1481	1483	1486	rVB	142871	133483	4.22%	0.206%
43	10.880	1492	1495	1498	rBV	125878	124933	3.95%	0.193%
44	10.998	1510	1515	1518	rBV2	407213	614616	19.42%	0.950%
45	11.027	1518	1520	1526	rVB	355771	383386	12.11%	0.593%
46	11.080	1526	1529	1532	rVB	217245	187749	5.93%	0.290%
47	11.204	1547	1550	1552	rBV2	74047	78483	2.48%	0.121%
48	11.227	1552	1554	1561	rVV3	98065	185452	5.86%	0.287%
49	11.292	1562	1565	1574	rVB	411494	539585	17.05%	0.834%
50	11.398	1579	1583	1584	rBV	675811	673296	21.27%	1.041%
51	11.421	1584	1587	1593	rVV	2951314	3165001	100.00%	4.894%
52	11.474	1593	1596	1599	rVV	544610	645327	20.39%	0.998%
53	11.539	1603	1607	1614	rVB3	158963	410245	12.96%	0.634%
54	11.657	1624	1627	1629	rVV2	91043	97152	3.07%	0.150%
55	11.680	1629	1631	1634	rVB	119918	95354	3.01%	0.147%
56	11.727	1634	1639	1643	rBV2	283593	382028	12.07%	0.591%
57	11.816	1650	1654	1658	rBV	197409	327829	10.36%	0.507%
58	11.898	1664	1668	1671	rBV	1309418	2006518	63.40%	3.103%
59	11.927	1671	1673	1679	rVV2	1580597	1905148	60.19%	2.946%
60	11.980	1679	1682	1684	rVV	404868	455767	14.40%	0.705%
61	12.010	1684	1687	1689	rVV2	1170365	1404226	44.37%	2.171%
62	12.033	1689	1691	1695	rVV	876622	914802	28.90%	1.415%
63	12.133	1705	1708	1710	rVB3	85788	85068	2.69%	0.132%
64	12.192	1715	1718	1723	rBV	353393	481916	15.23%	0.745%
65	12.339	1738	1743	1746	rBV2	306012	345565	10.92%	0.534%
66	12.374	1746	1749	1751	rVV	488962	439526	13.89%	0.680%
67	12.398	1751	1753	1758	rVB2	265716	307493	9.72%	0.475%
68	12.451	1758	1762	1764	rBV	1206302	1298990	41.04%	2.009%
69	12.486	1764	1768	1770	rVV2	448488	716674	22.64%	1.108%
70	12.533	1774	1776	1786	rVB4	352448	783191	24.75%	1.211%
71	12.615	1786	1790	1795	rBV	1639569	1942950	61.39%	3.005%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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	12.698	1798	1804	1813	rVB3	974418	1445104	45.66%	2.235%
73	12.768	1813	1816	1818	rBV	217599	236384	7.47%	0.366%
74	12.851	1823	1830	1835	rBV	2121259	2629836	83.09%	4.067%
75	12.898	1835	1838	1842	rVB	367326	374593	11.84%	0.579%
76	12.951	1844	1847	1849	rBV2	109226	117547	3.71%	0.182%
77	12.974	1849	1851	1855	rBV	1087005	1102762	34.84%	1.705%
78	13.074	1862	1868	1872	rBV5	290349	533606	16.86%	0.825%
79	13.115	1873	1875	1878	rVV3	112231	134090	4.24%	0.207%
80	13.162	1878	1883	1884	rVV4	264332	412830	13.04%	0.638%
81	13.180	1884	1886	1891	rVB3	500706	514300	16.25%	0.795%
82	13.221	1891	1893	1895	rBV2	105627	112441	3.55%	0.174%
83	13.245	1895	1897	1900	rVV2	321074	328870	10.39%	0.509%
84	13.286	1901	1904	1911	rVB	499972	650588	20.56%	1.006%
85	13.374	1917	1919	1922	rBV	412536	420727	13.29%	0.651%
86	13.410	1922	1925	1933	rVB2	454941	673293	21.27%	1.041%
87	13.527	1942	1945	1947	rBV	119734	108272	3.42%	0.167%
88	13.751	1980	1983	1986	rVB	128341	133019	4.20%	0.206%
89	13.786	1987	1989	1990	rBV	128793	101614	3.21%	0.157%
90	13.809	1990	1993	1995	rVV2	247663	332633	10.51%	0.514%
91	13.857	1999	2001	2007	rVV4	289809	379090	11.98%	0.586%
92	14.051	2030	2034	2037	rBV2	958703	1516717	47.92%	2.345%
93	14.086	2037	2040	2046	rVB	759254	986105	31.16%	1.525%
94	14.451	2099	2102	2105	rVV	273863	249020	7.87%	0.385%
95	14.486	2106	2108	2111	rVB	183002	147228	4.65%	0.228%
96	14.580	2122	2124	2129	rBV3	152712	204940	6.48%	0.317%
97	15.133	2214	2218	2230	rVB	462349	945409	29.87%	1.462%
98	15.445	2268	2271	2279	rVB	258471	404884	12.79%	0.626%
99	15.515	2279	2283	2289	rVB	420049	621699	19.64%	0.961%
100	15.574	2290	2293	2297	rBV	244012	330115	10.43%	0.510%

Sum of corrected areas: 64667467

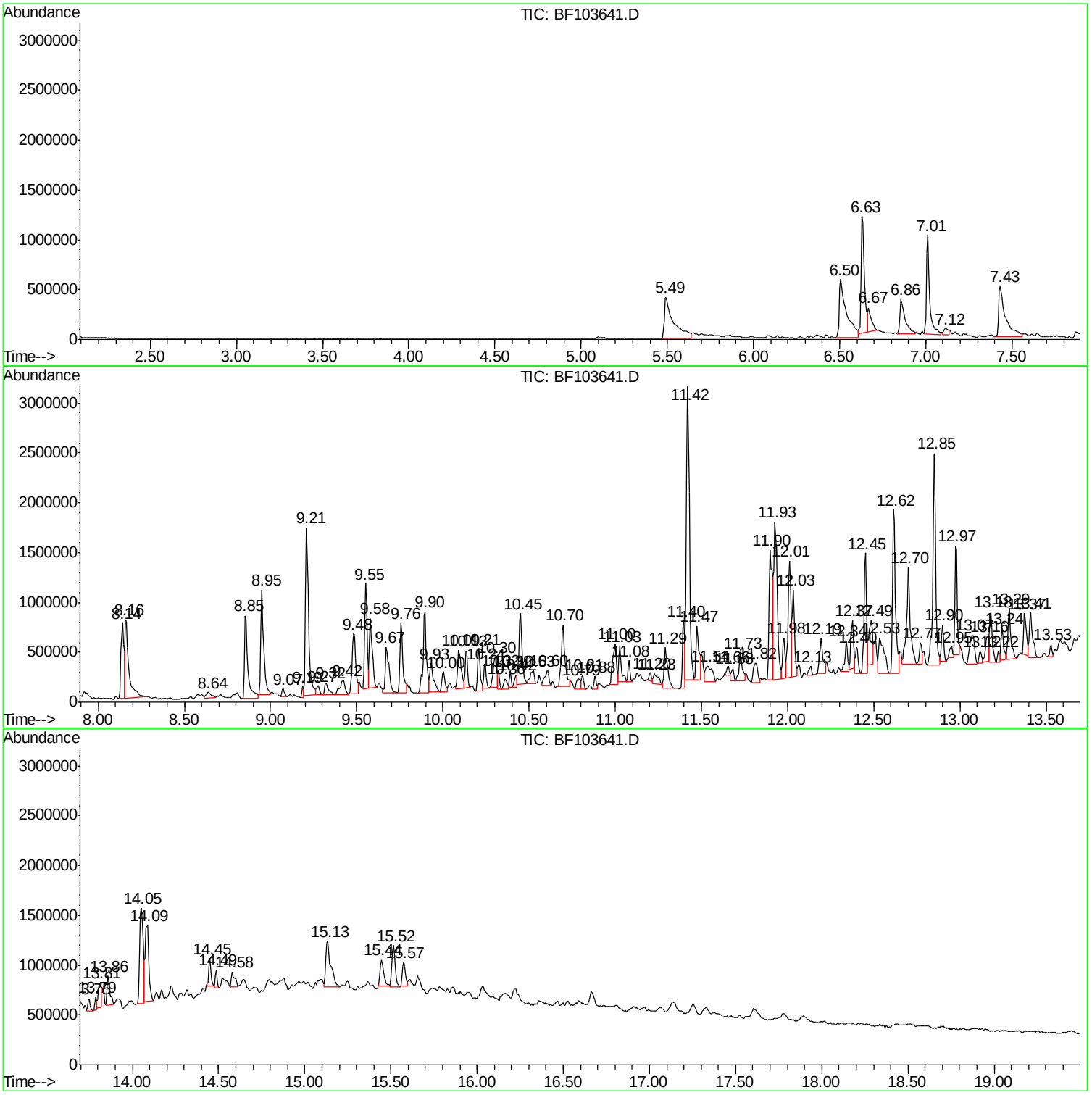
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

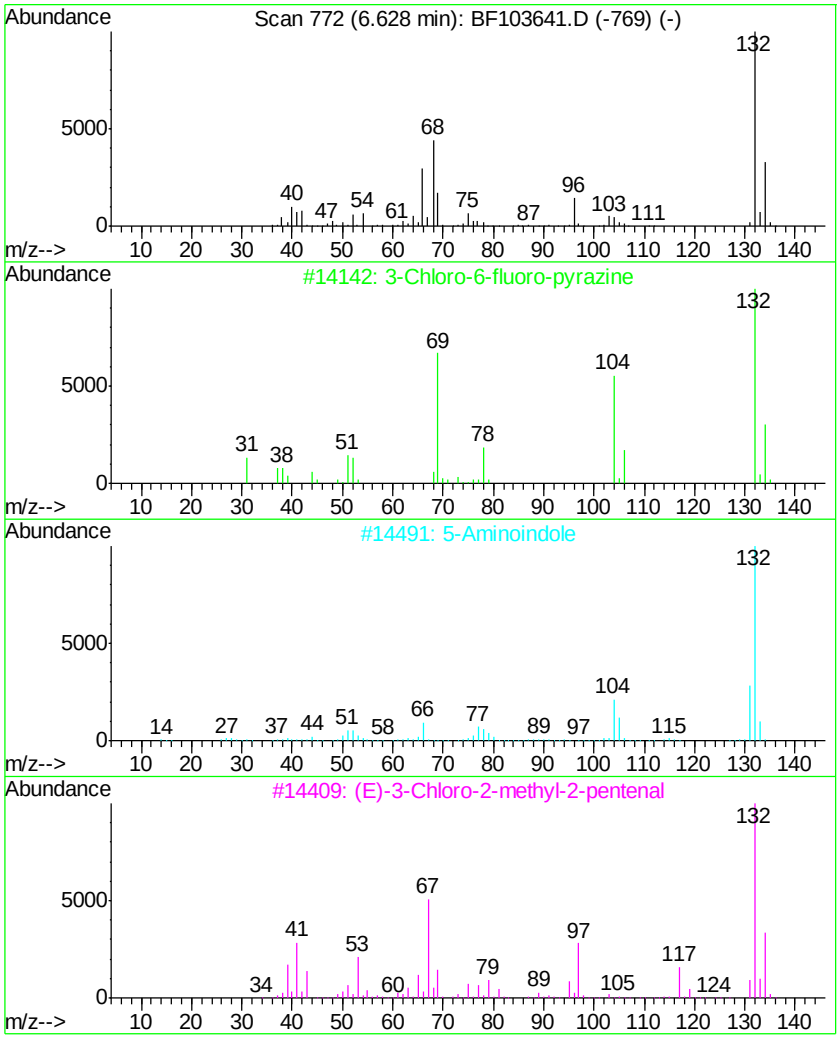
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

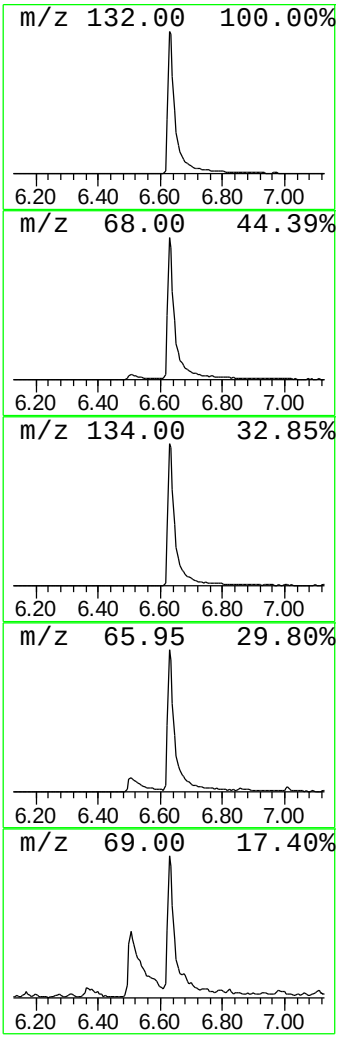
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	50.27 ng	1697260	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

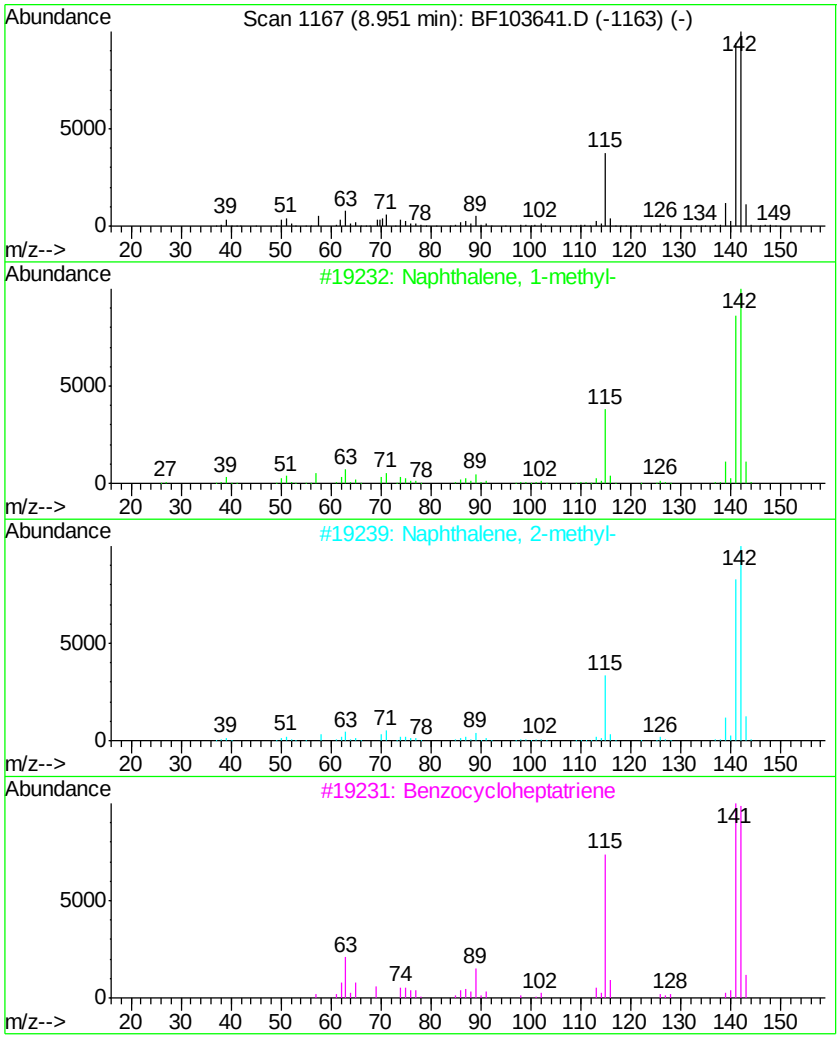
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

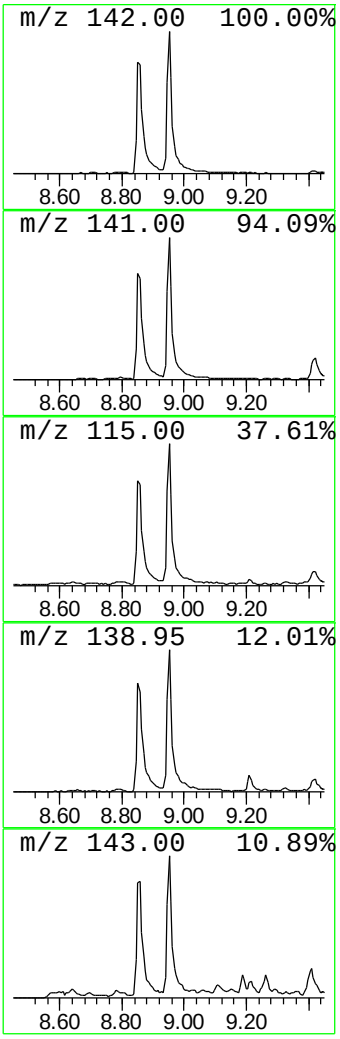
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	28.55 ng	1176140	Naphthalene-d8	8.14

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
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Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

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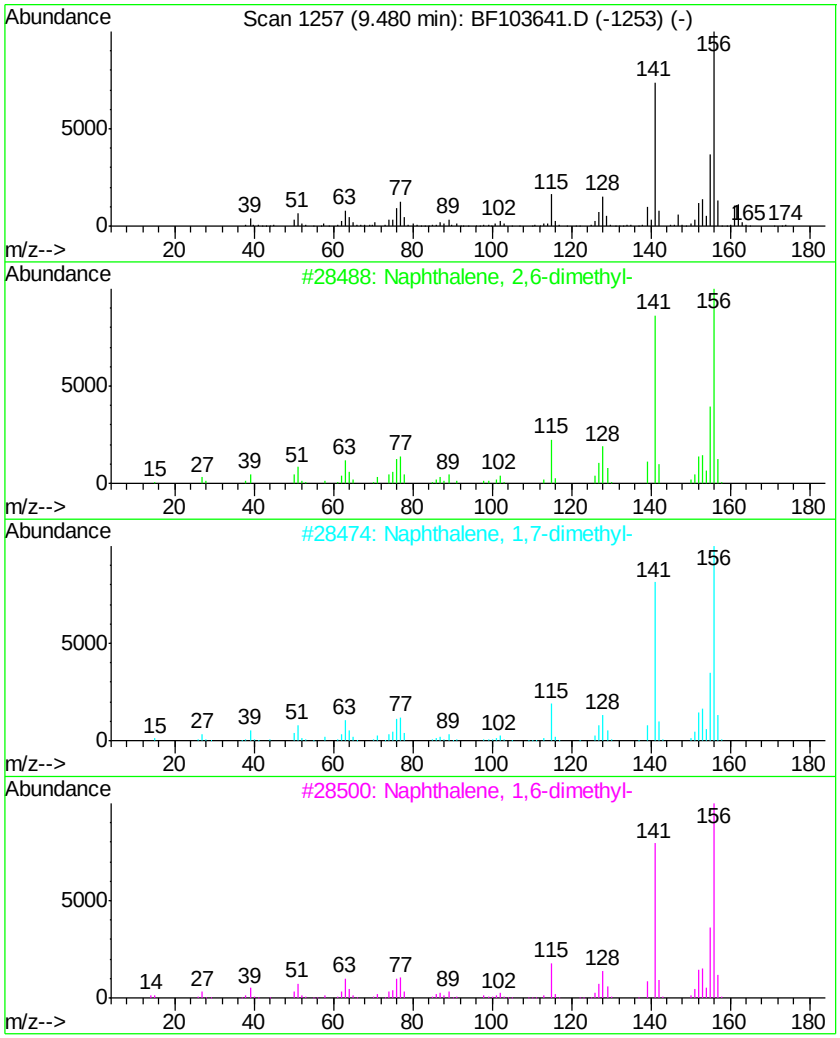
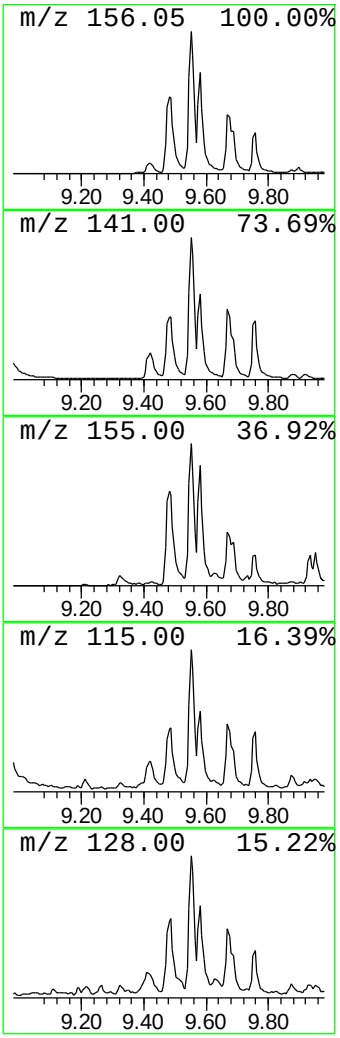
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	17.66 ng	961918	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

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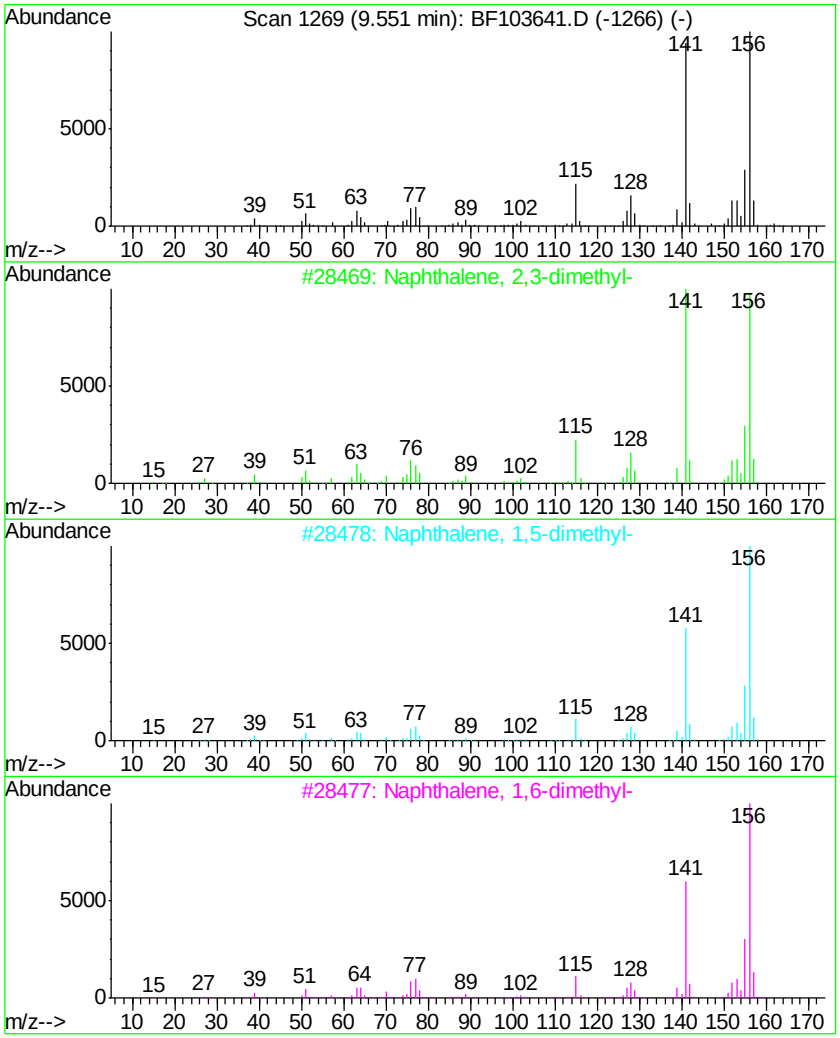
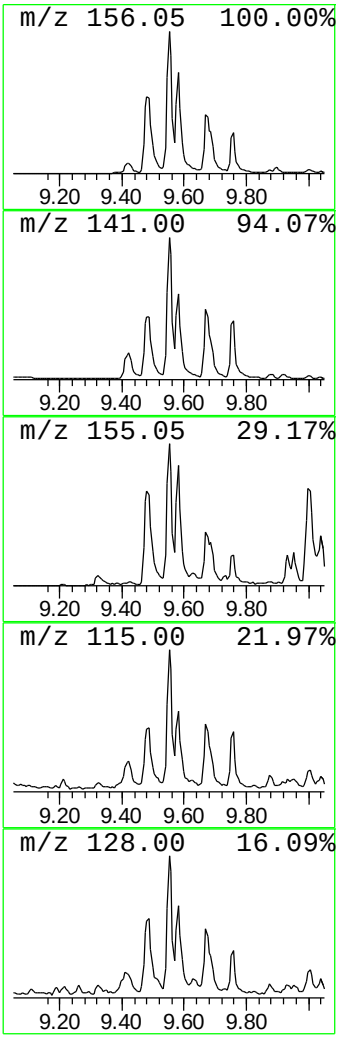
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	21.30 ng	1160240	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

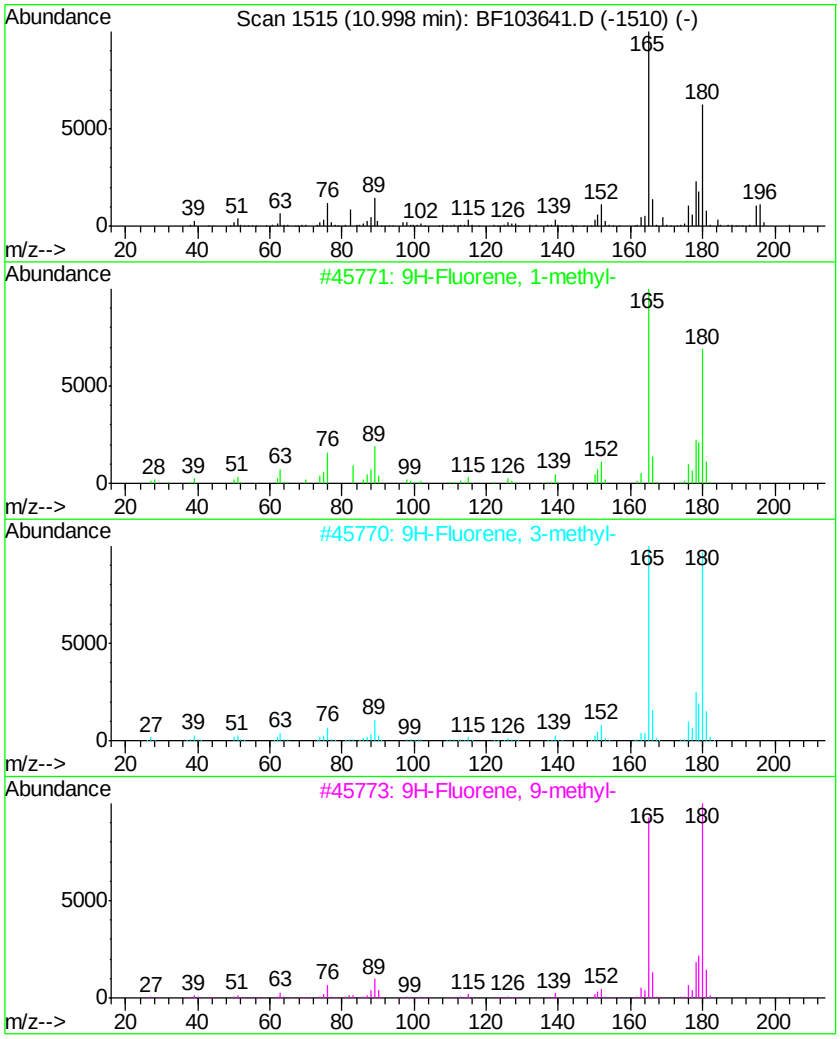
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

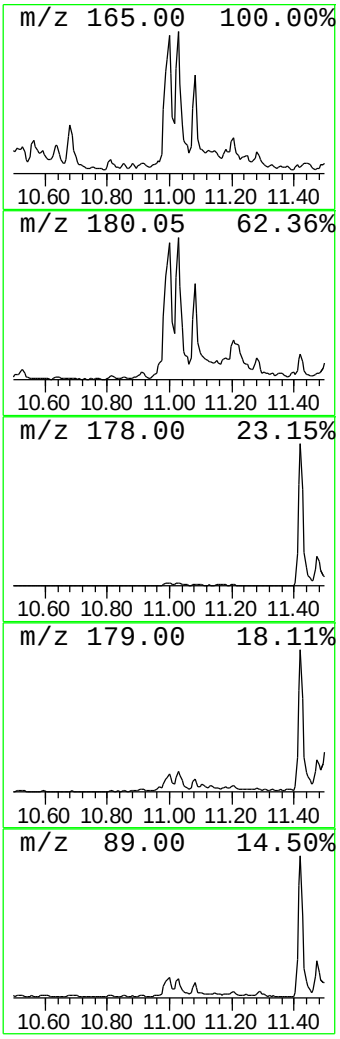
****

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	18.26 ng	614616	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	64





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Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

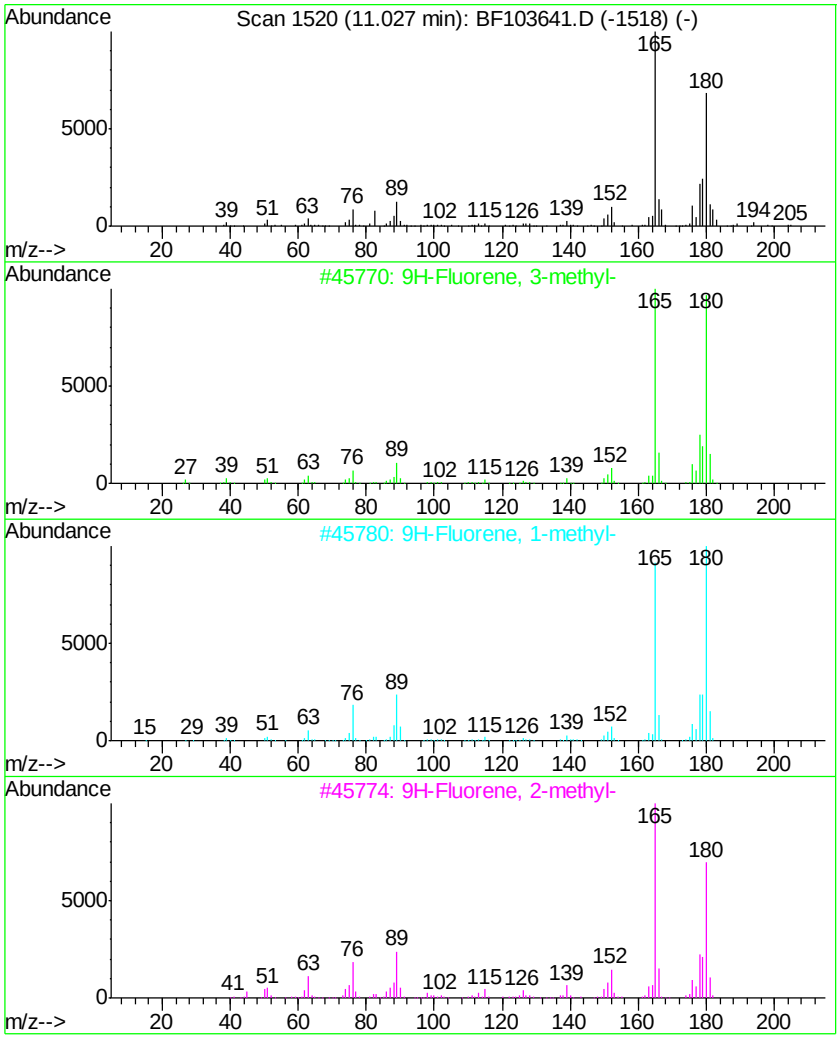
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

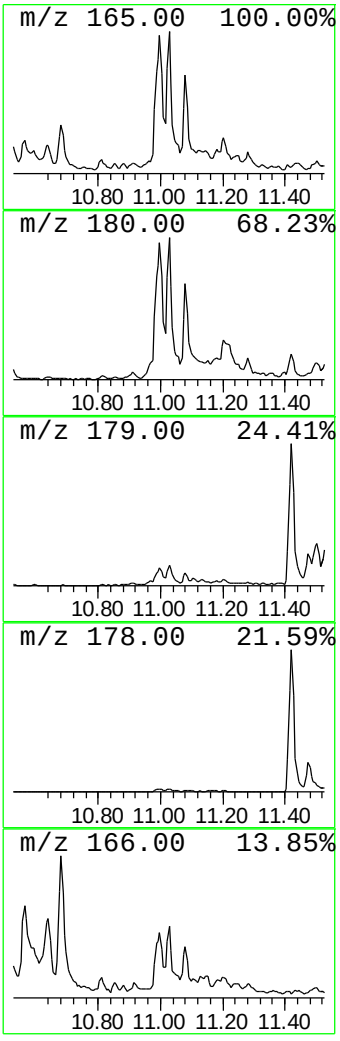
****

Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	11.39 ng	383386	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

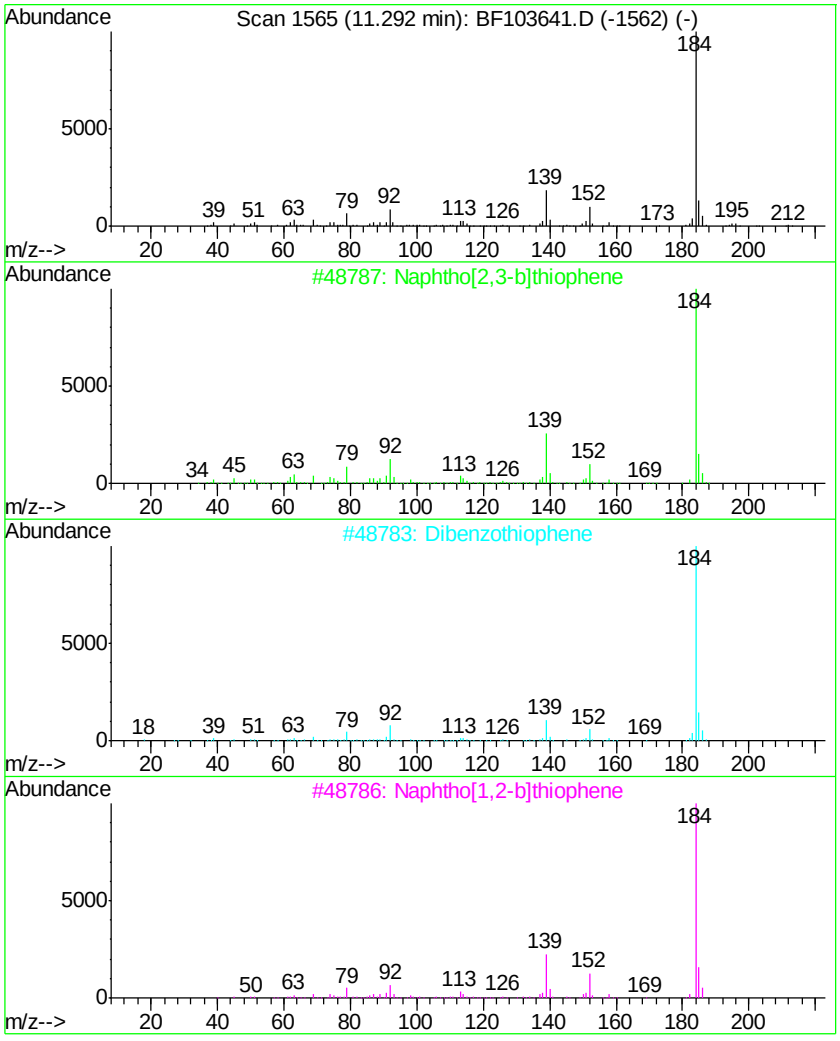
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

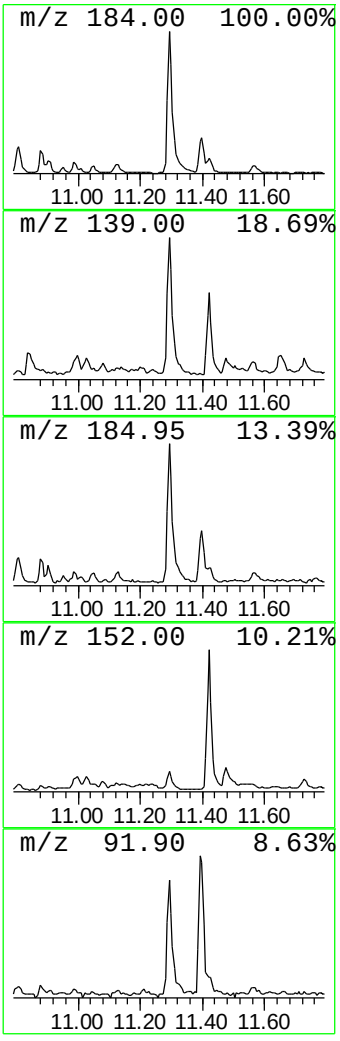
****

Peak Number 10 Naphtho[2,3-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	16.03 ng	539585	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

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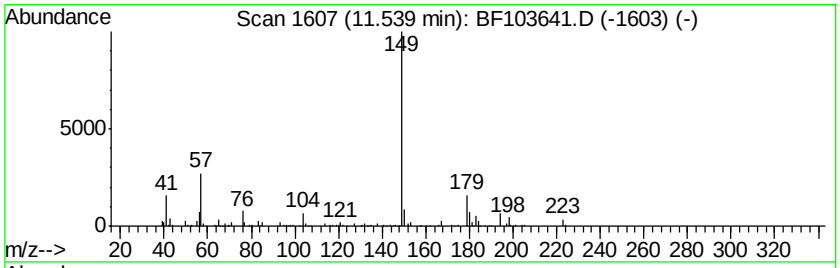
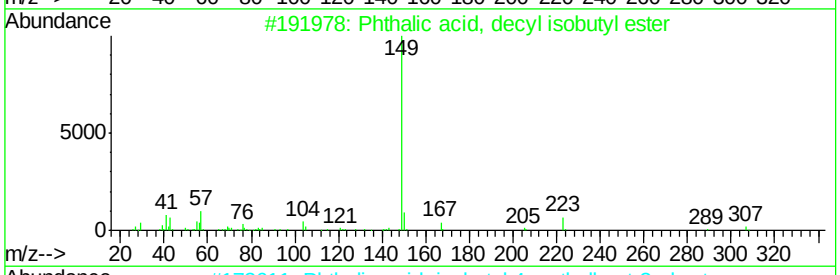
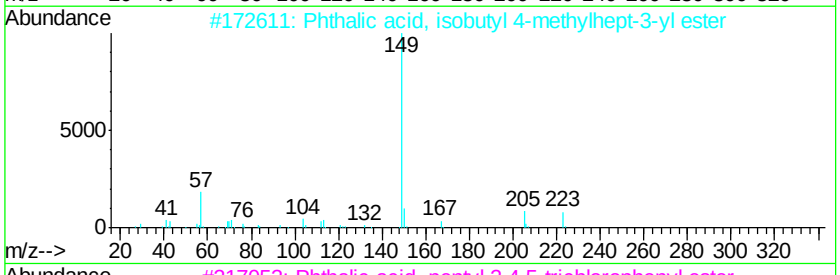
Peak Number 11 Phthalic acid, decyl isobut... Concentration Rank 19

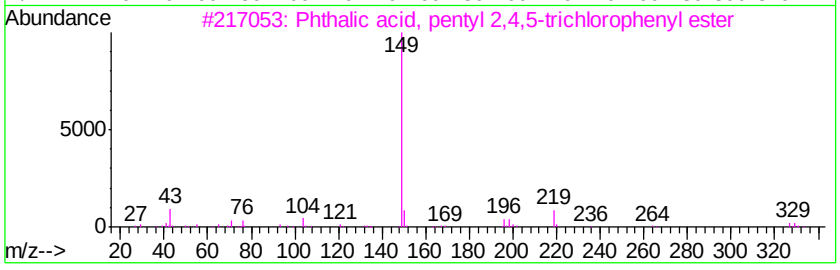
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	12.19 ng	410245	Phenanthrene-d10	11.40

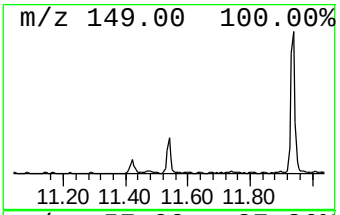
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, decyl isobutyl ester	362	C22H34O4	1000308-94-2	53
2	Phthalic acid, isobutyl 4-methyl...	334	C20H30O4	1000377-93-8	53
3	Phthalic acid, pentyl 2,4,5-tric...	414	C19H17Cl3O4	1000357-04-5	53
4	Phthalic acid, butyl 2,3,5-trich...	400	C18H15Cl3O4	1000357-05-7	53
5	Phthalic acid, butyl 4-methylpen...	306	C18H26O4	1000356-87-3	53

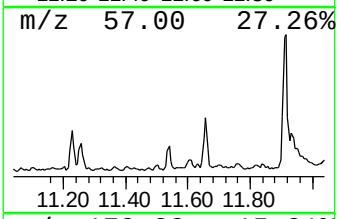


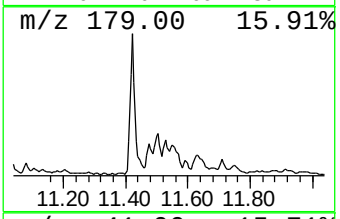


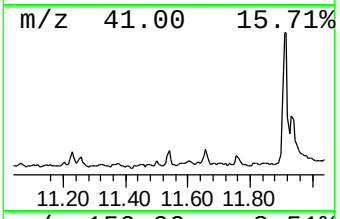


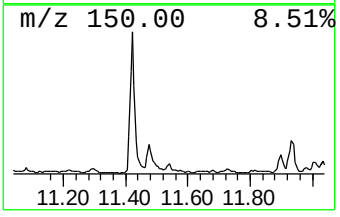












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Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

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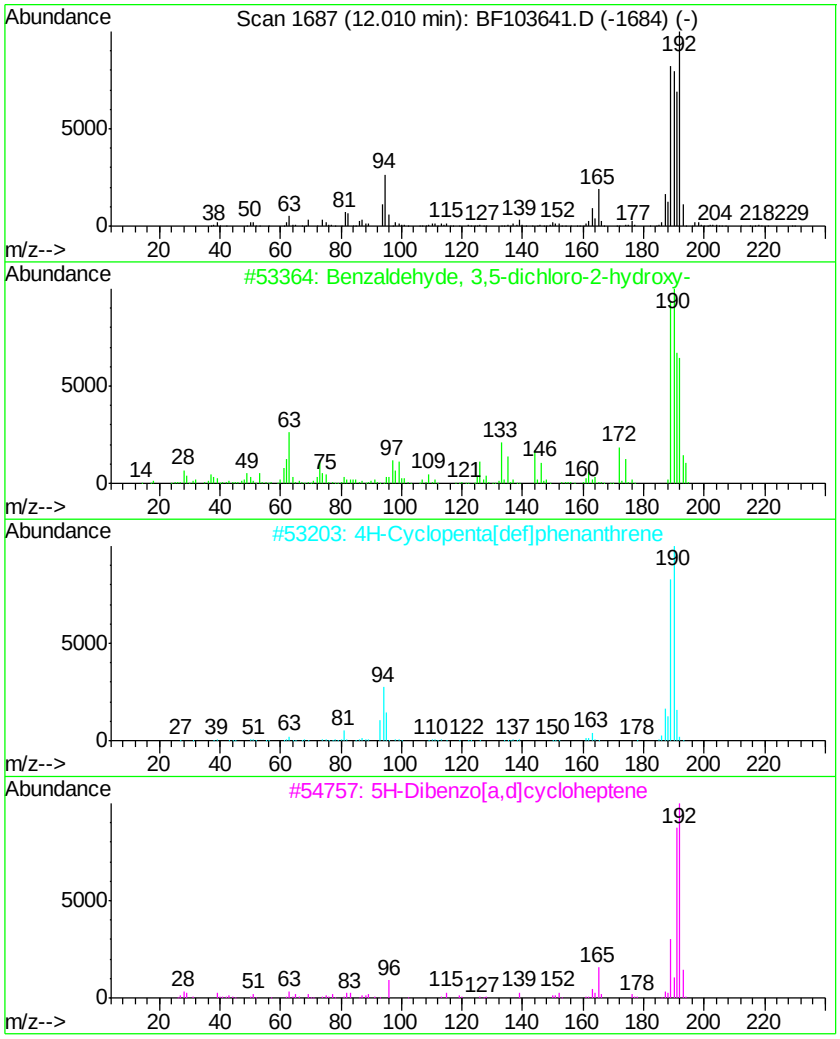
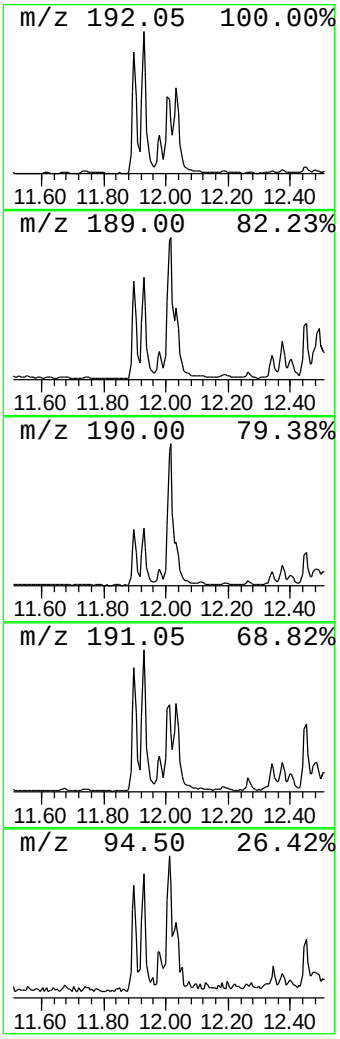
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	41.71 ng	1404230	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

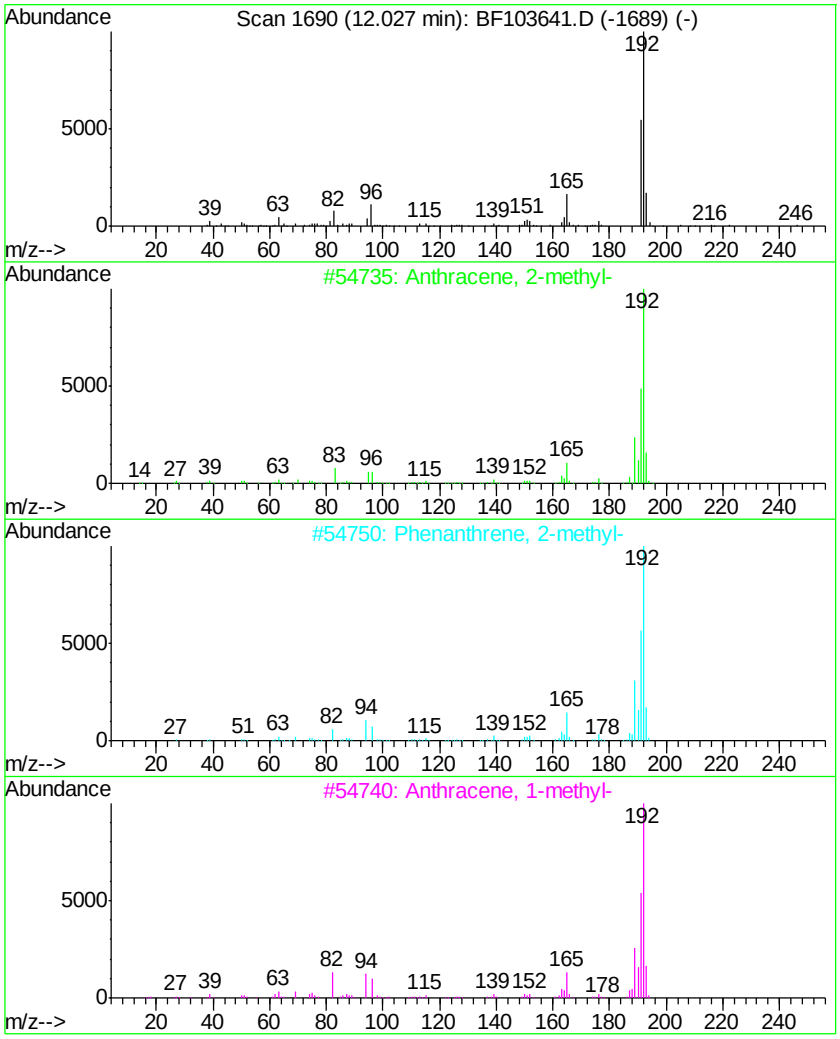
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

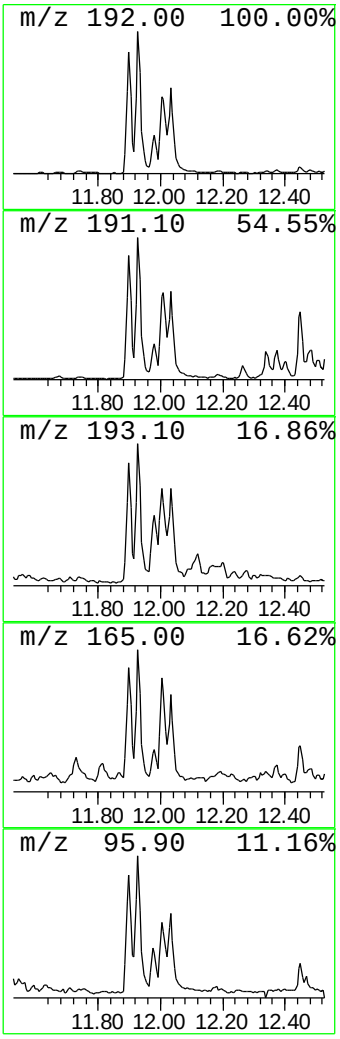
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	27.17 ng	914802	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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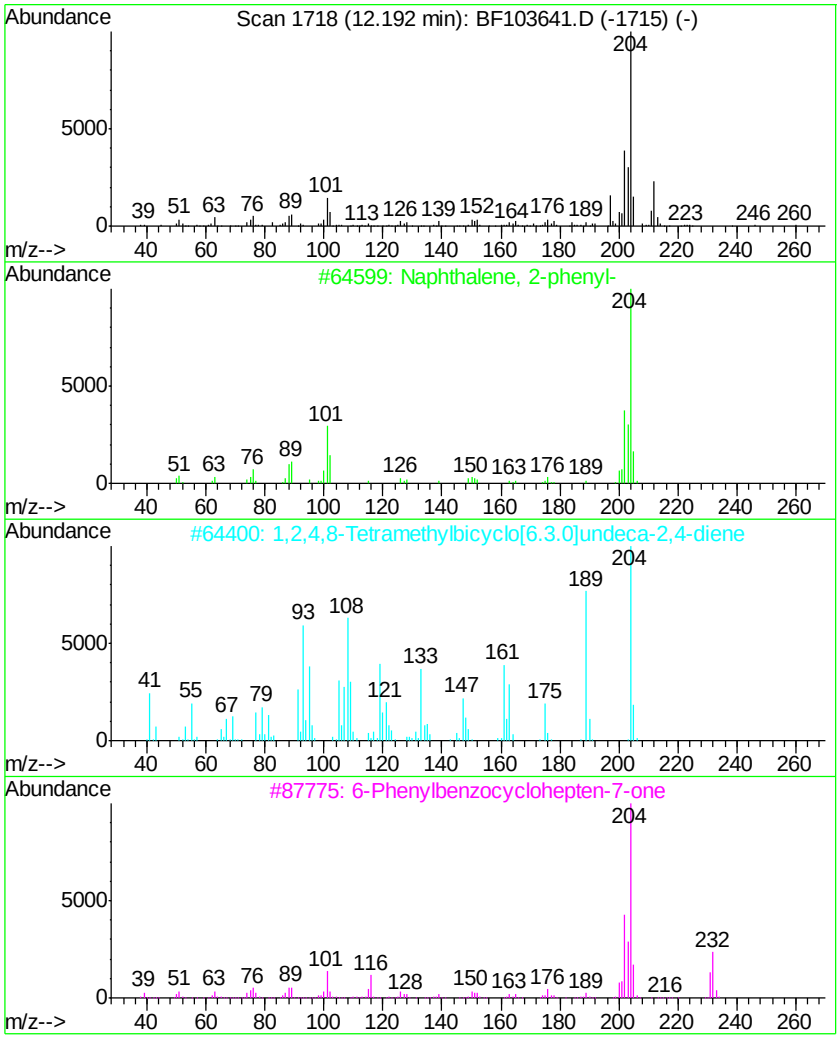
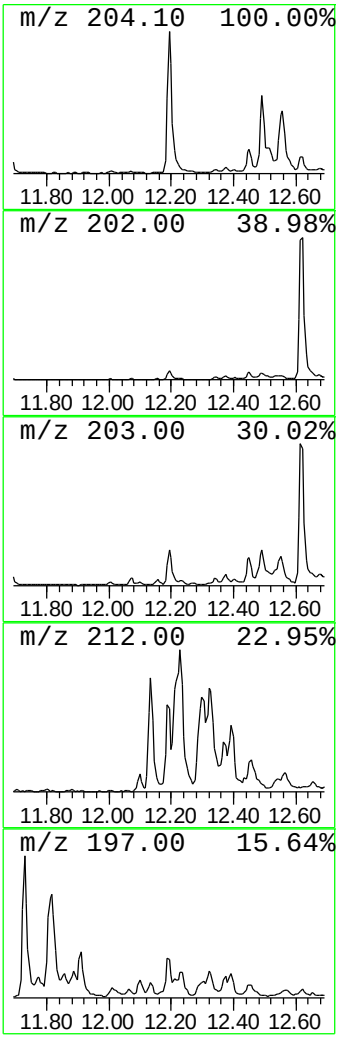
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	14.32 ng	481916	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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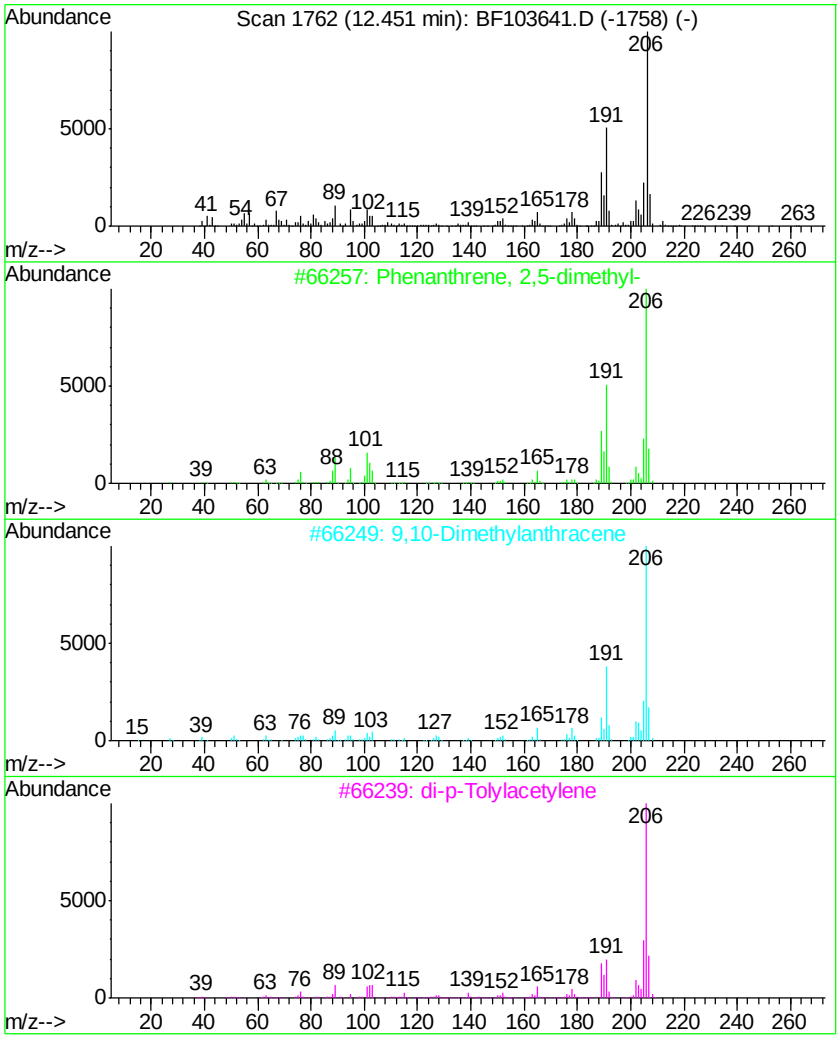
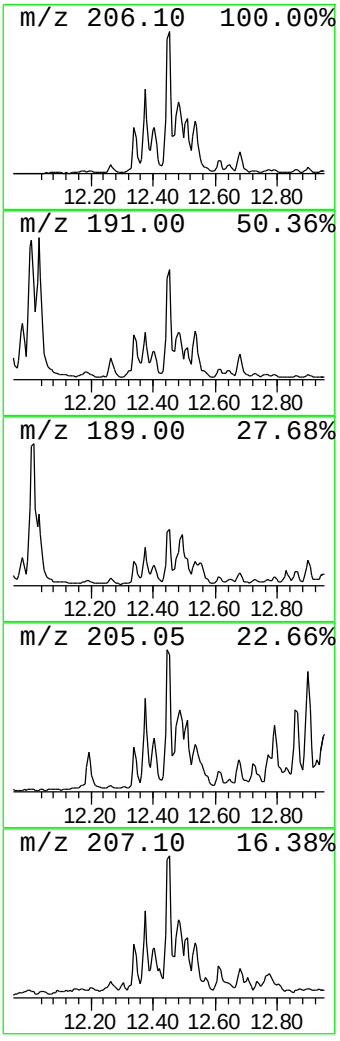
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	38.59 ng	1298990	Phenanthrene-d10	11.40

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	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : J1754-03
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : CL-01-031318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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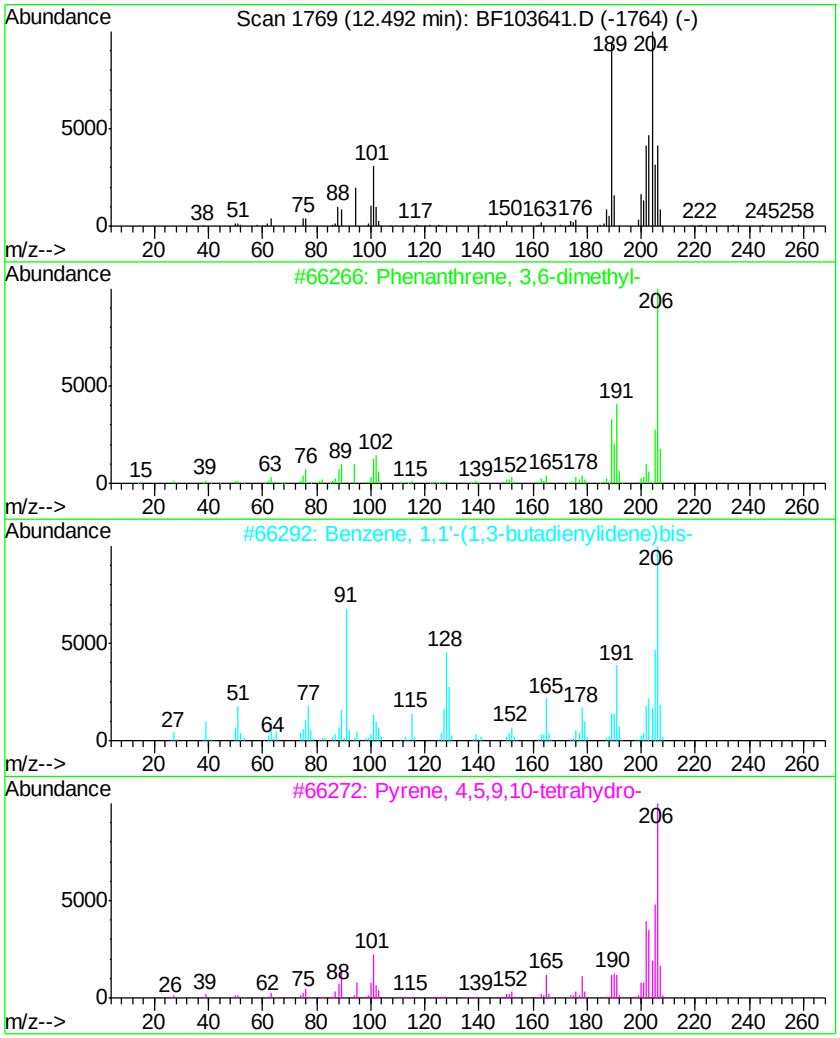
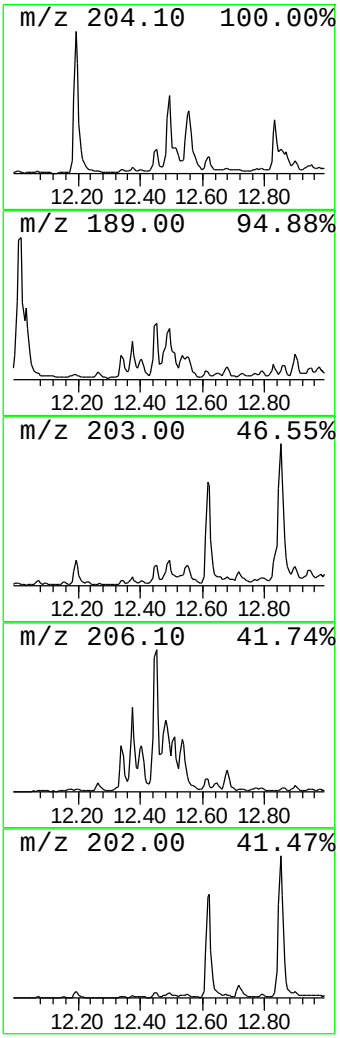
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	21.29 ng	716674	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	55
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	50
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
5	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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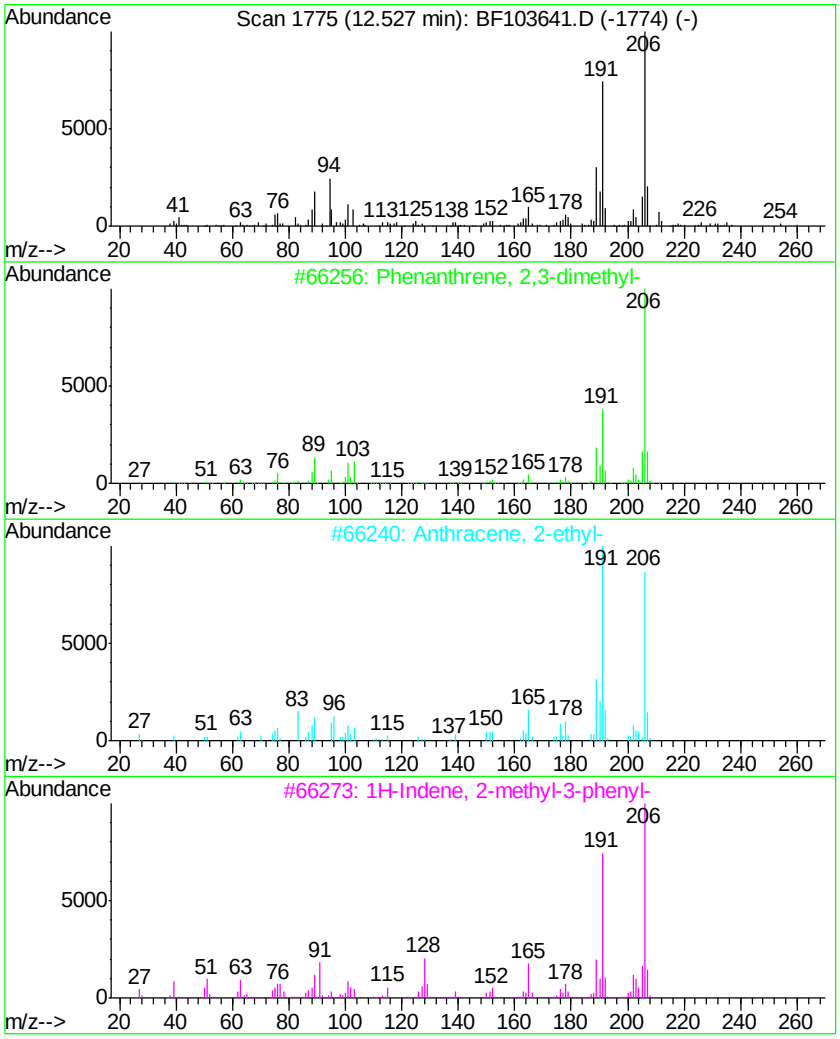
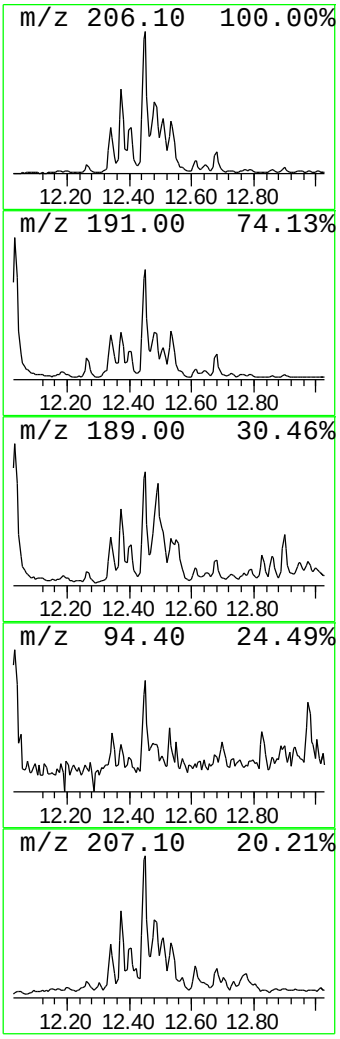
Peak Number 18 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	23.26 ng	783191	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	91





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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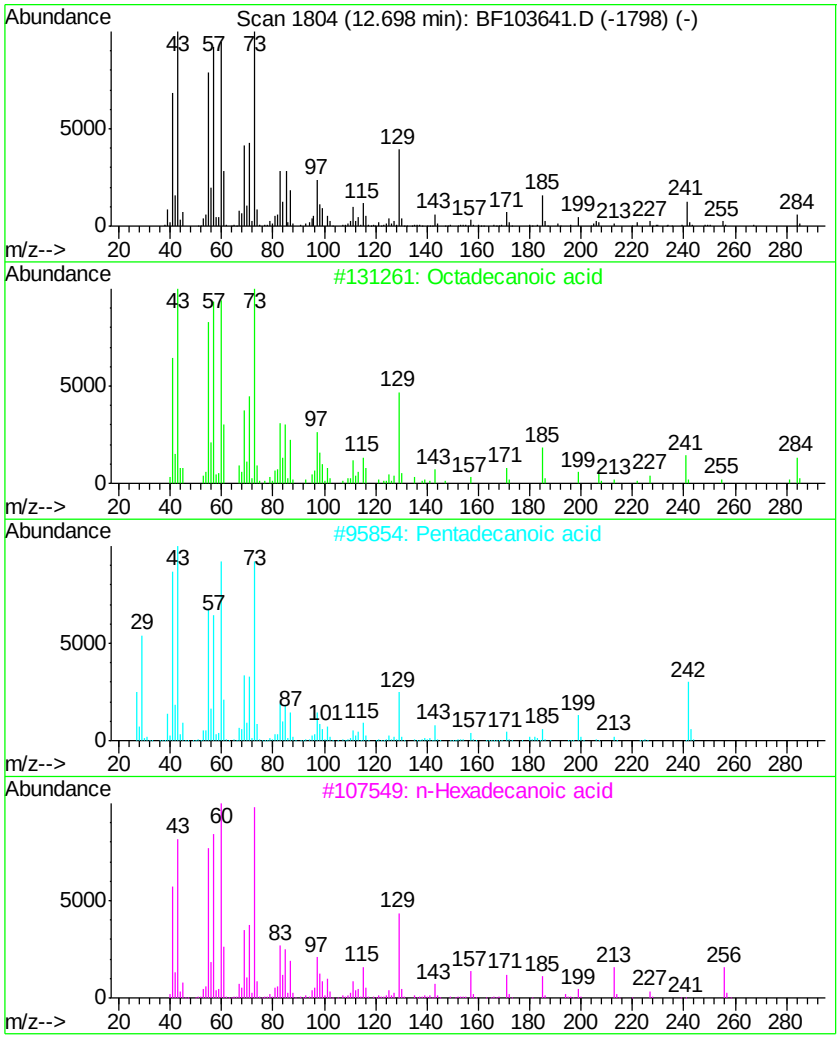
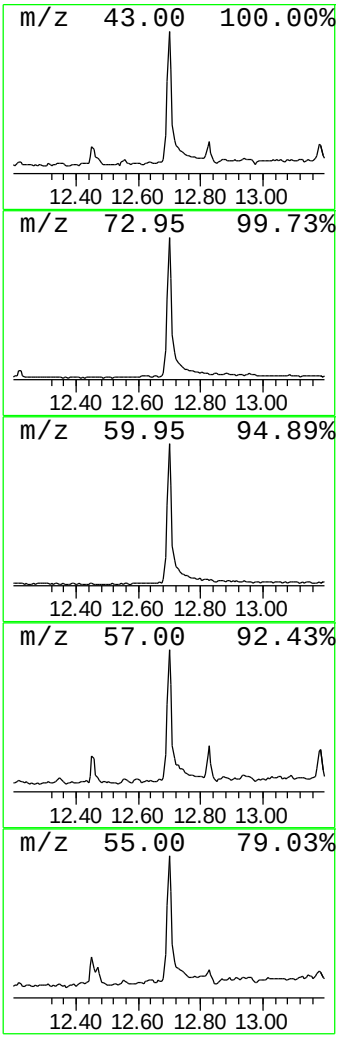
Peak Number 19 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	42.93 ng	1445100	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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

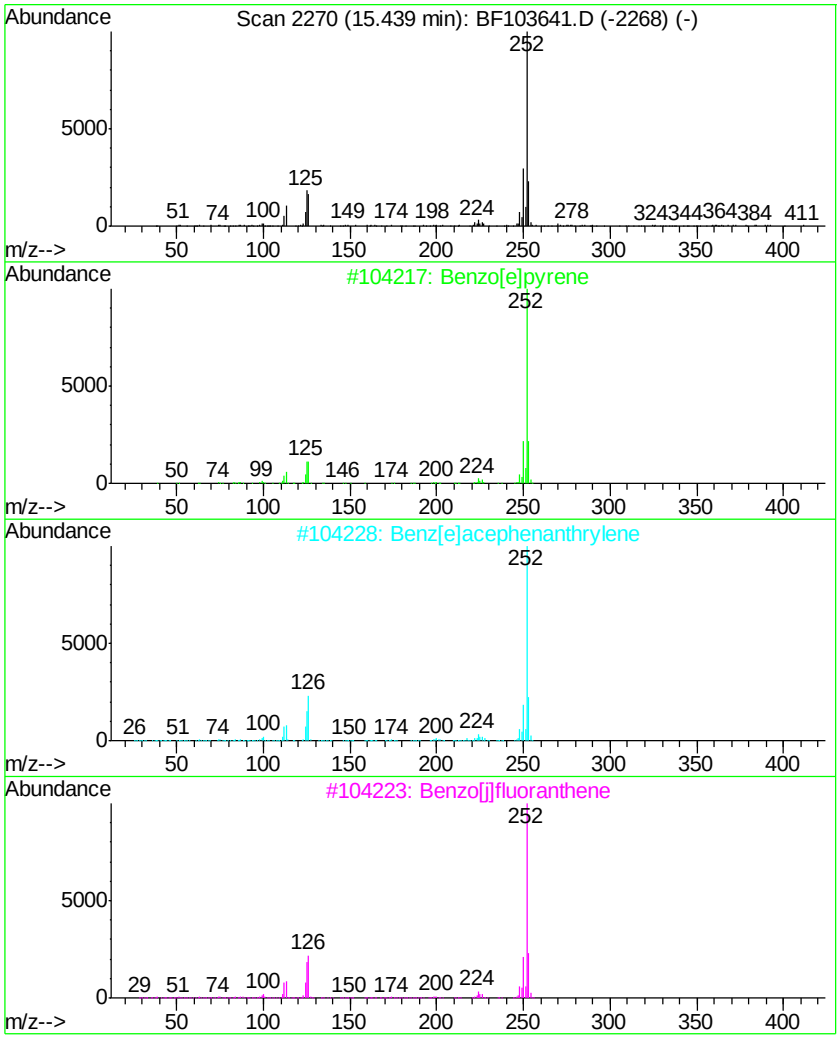
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

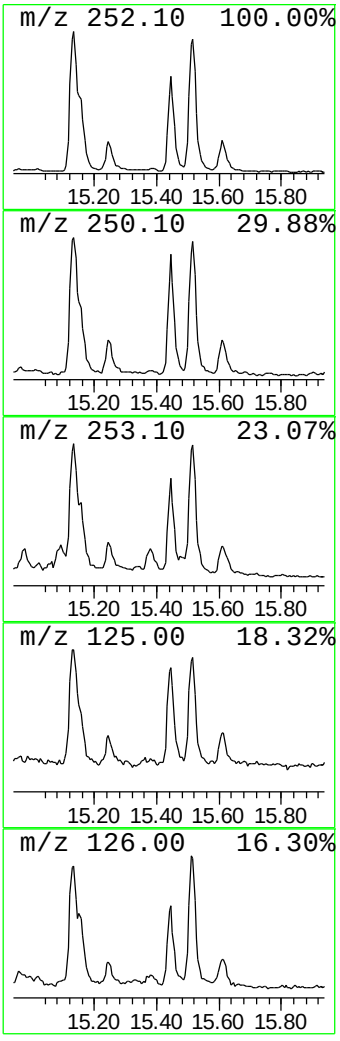
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	24.53 ng	404884	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031418\
Data File : BF103641.D
Acq On : 14 Mar 2018 15:32
Operator : SJ/JU
Sample : J1754-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031318-B

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
unknown6.63	6.63	50.3	ng	1697260	1	6.86	675223	20.0
Naphthalene, 1-me...	8.95	28.6	ng	1176140	2	8.14	823895	20.0
Naphthalene, 2,6-...	9.48	17.7	ng	961918	3	9.90	1089390	20.0
Naphthalene, 2,3-...	9.55	21.3	ng	1160240	3	9.90	1089390	20.0
9H-Fluorene, 1-me...	11.00	18.3	ng	614616	4	11.40	673296	20.0
9H-Fluorene, 3-me...	11.03	11.4	ng	383386	4	11.40	673296	20.0
Naphtho[2,3-b]thi...	11.29	16.0	ng	539585	4	11.40	673296	20.0
Phthalic acid, de...	11.54	12.2	ng	410245	4	11.40	673296	20.0
Benzaldehyde, 3,5...	12.01	41.7	ng	1404230	4	11.40	673296	20.0
Anthracene, 2-met...	12.03	27.2	ng	914802	4	11.40	673296	20.0
Naphthalene, 2-ph...	12.19	14.3	ng	481916	4	11.40	673296	20.0
Phenanthrene, 2,5...	12.45	38.6	ng	1298990	4	11.40	673296	20.0
Phenanthrene, 3,6...	12.49	21.3	ng	716674	4	11.40	673296	20.0
Phenanthrene, 2,3...	12.53	23.3	ng	783191	4	11.40	673296	20.0
Octadecanoic acid	12.70	42.9	ng	1445100	4	11.40	673296	20.0
Benzo[e]pyrene	15.44	24.5	ng	404884	6	15.57	330115	20.0