LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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	5.110	511	514	523	rBV	59629	98749	2.59%	0.159%
2	5.504	577	581	607	rVV	2649126	3615380	94.75%	5.816%
3	6.516	749	753	771	rBV	2766871	3815826	100.00%	6.138%
4	6.645	771	775	781	rVV	3064669	3350243	87.80%	5.389%
5	6.692	781	783	790	rVB3	65718	79004	2.07%	0.127%
6	6.869	810	813	821	rBV	946460	951529	24.94%	1.531%
7	7.028	836	840	853	rBV	2582403	2478420	64.95%	3.987%
8	7.439	906	910	920	rBV	2218122	2302388	60.34%	3.704%
9	7.592	933	936	946	rVB2	43038	66691	1.75%	0.107%
10	8.157	1028	1032	1035	rBV	1259563	1248319	32.71%	2.008%
11	8.869	1151	1153	1159	rBV	102584	97469	2.55%	0.157%
12	8.969	1168	1170	1176	rVB	68514	62884	1.65%	0.101%
13	9.228	1210	1214	1223	rVV	3185079	3159240	82.79%	5.082%
14	9.298	1223	1226	1229	rVB	98613	90800	2.38%	0.146%
15	9.333	1229	1232	1236	rBV	58120	56485	1.48%	0.091%
16	9.498	1256	1260	1264	rBV2	57022	80608	2.11%	0.130%
17	9.569	1268	1272	1275	rBV	89111	96712	2.53%	0.156%
18	9.622	1275	1281	1287	rVB	291523	358835	9.40%	0.577%
19	9.686	1287	1292	1294	rBV2	60649	71900	1.88%	0.116%
20	9.775	1303	1307	1312	rBV	239979	234879	6.16%	0.378%
21	9.828	1312	1316	1319	rVB	194904	158908	4.16%	0.256%
22	9.916	1327	1331	1334	rBV	1328622	1170438	30.67%	1.883%
23	9.945	1334	1336	1340	rVB	266645	209546	5.49%	0.337%
24	10.016	1345	1348	1352	rVB2	38274	51454	1.35%	0.083%
25	10.063	1352	1356	1358	rBV3	44322	66175	1.73%	0.106%
26	10.122	1362	1366	1368	rBV2	189651	197433	5.17%	0.318%
27	10.151	1368	1371	1374	rVB3	108203	110855	2.91%	0.178%
28	10.228	1381	1384	1387	rBV	84201	99168	2.60%	0.160%
29	10.257	1387	1389	1394	rVB2	63817	65744	1.72%	0.106%
30	10.328	1394	1401	1405	rBV3	260552	298315	7.82%	0.480%
31	10.433	1417	1419	1421	rBV	38920	39435	1.03%	0.063%
32	10.463	1421	1424	1430	rVB	285615	298544	7.82%	0.480%
33	10.545	1434	1438	1441	rVB3	120690	147429	3.86%	0.237%
34	10.622	1448	1451	1455	rVB	126511	132047	3.46%	0.212%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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	10.710	1462	1466	1472	rBV2	1595034	1737799	45.54%	2.795%
36	10.804	1479	1482	1492	rVB2	212520	367919	9.64%	0.592%
37	11.016	1511	1518	1521	rBV3	118706	194965	5.11%	0.314%
38	11.045	1521	1523	1525	rVB	61379	49084	1.29%	0.079%
39	11.139	1534	1539	1541	rBV3	89948	126179	3.31%	0.203%
40	11.163	1541	1543	1549	rVV4	93346	124439	3.26%	0.200%
41	11.216	1549	1552	1555	rVV	230084	237166	6.22%	0.382%
42	11.251	1555	1558	1565	rVV3	248806	423854	11.11%	0.682%
43	11.304	1565	1567	1572	rVB	275099	250747	6.57%	0.403%
44	11.410	1581	1585	1587	rBV	1026170	1024275	26.84%	1.648%
45	11.439	1587	1590	1593	rVV	2758206	2656027	69.61%	4.272%
46	11.486	1593	1598	1602	rVV	955251	861126	22.57%	1.385%
47	11.522	1602	1604	1608	rVB	115979	114292	3.00%	0.184%
48	11.645	1620	1625	1629	rBV2	310698	383873	10.06%	0.617%
49	11.698	1632	1634	1636	rVV	93821	67323	1.76%	0.108%
50	11.745	1639	1642	1646	rVB2	140822	171267	4.49%	0.275%
51	11.869	1661	1663	1667	rBV2	51770	49378	1.29%	0.079%
52	11.927	1667	1673	1674	rBV2	685200	1106962	29.01%	1.781%
53	11.986	1680	1683	1686	rVB	194840	188617	4.94%	0.303%
54	12.027	1686	1690	1692	rBV2	662976	731618	19.17%	1.177%
55	12.045	1692	1693	1697	rVB2	318796	264806	6.94%	0.426%
56	12.086	1698	1700	1703	rBV2	74703	82477	2.16%	0.133%
57	12.145	1708	1710	1713	rVB	61869	48679	1.28%	0.078%
58	12.204	1717	1720	1723	rVV	374053	336350	8.81%	0.541%
59	12.245	1724	1727	1731	rVB2	334676	301352	7.90%	0.485%
60	12.357	1744	1746	1749	rVB2	83803	74558	1.95%	0.120%
61	12.386	1749	1751	1753	rVB	104407	73051	1.91%	0.118%
62	12.416	1753	1756	1758	rVB2	80284	68150	1.79%	0.110%
63	12.463	1761	1764	1767	rBV	279847	318401	8.34%	0.512%
64	12.563	1776	1781	1784	rBV2	315917	375903	9.85%	0.605%
65	12.639	1789	1794	1797	rBV	2971560	3575399	93.70%	5.751%
66	12.669	1797	1799	1801	rVV	77443	58015	1.52%	0.093%
67	12.716	1801	1807	1814	rVV3	795963	1078045	28.25%	1.734%
68	12.780	1815	1818	1821	rVB2	158686	185167	4.85%	0.298%
69	12.869	1826	1833	1837	rVV2	2560284	3754413	98.39%	6.039%
70	12.910	1837	1840	1844	rVB2	217583	236732	6.20%	0.381%
71	12.998	1849	1855	1858	rBV2	1986943	2059281	53.97%	3.313%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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	13.027	1858	1860	1864	rVB	208030	185791	4.87%	0.299%
73	13.086	1864	1870	1873	rBV2	249416	440825	11.55%	0.709%
74	13.116	1873	1875	1880	rVB	72773	83152	2.18%	0.134%
75	13.192	1880	1888	1892	rBV2	451502	773017	20.26%	1.243%
76	13.257	1896	1899	1901	rBV	275448	217946	5.71%	0.351%
77	13.298	1901	1906	1908	rBV2	302873	367241	9.62%	0.591%
78	13.386	1919	1921	1924	rBV	177958	165369	4.33%	0.266%
79	13.421	1924	1927	1932	rVV2	200584	218160	5.72%	0.351%
80	13.704	1972	1975	1979	rVB2	479528	453492	11.88%	0.729%
81	13.816	1991	1994	1996	rBV	395813	345294	9.05%	0.555%
82	13.839	1996	1998	2000	rVV	323964	232077	6.08%	0.373%
83	13.874	2000	2004	2009	rVV4	447977	636065	16.67%	1.023%
84	13.921	2009	2012	2018	rVB	359900	355592	9.32%	0.572%
85	14.063	2032	2036	2040	rBV2	1475218	2299167	60.25%	3.698%
86	14.098	2040	2042	2049	rVB	1413624	1420437	37.22%	2.285%
87	14.180	2053	2056	2058	rBV	229865	212398	5.57%	0.342%
88	14.227	2061	2064	2065	rBV2	123102	128164	3.36%	0.206%
89	14.463	2102	2104	2107	rVB	248492	206869	5.42%	0.333%
90	15.151	2216	2221	2228	rVB	933644	2048775	53.69%	3.296%
91	15.257	2236	2239	2243	rVB	223620	252430	6.62%	0.406%
92	15.462	2270	2274	2278	rBV	553667	663117	17.38%	1.067%
93	15.533	2281	2286	2292	rVB	744424	1003988	26.31%	1.615%
94	15.592	2293	2296	2299	rBV	299584	337108	8.83%	0.542%

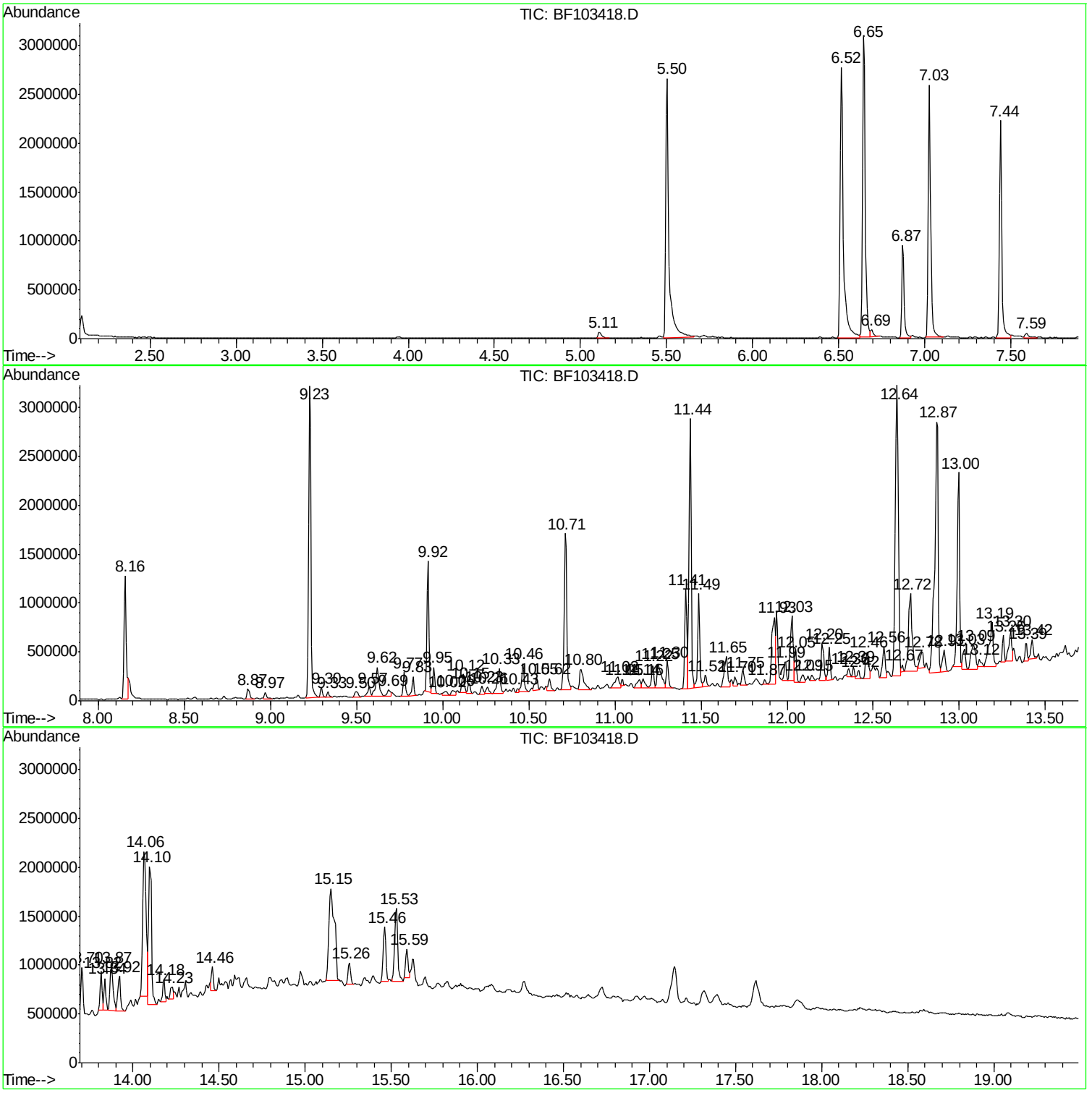
Sum of corrected areas: 62166015

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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

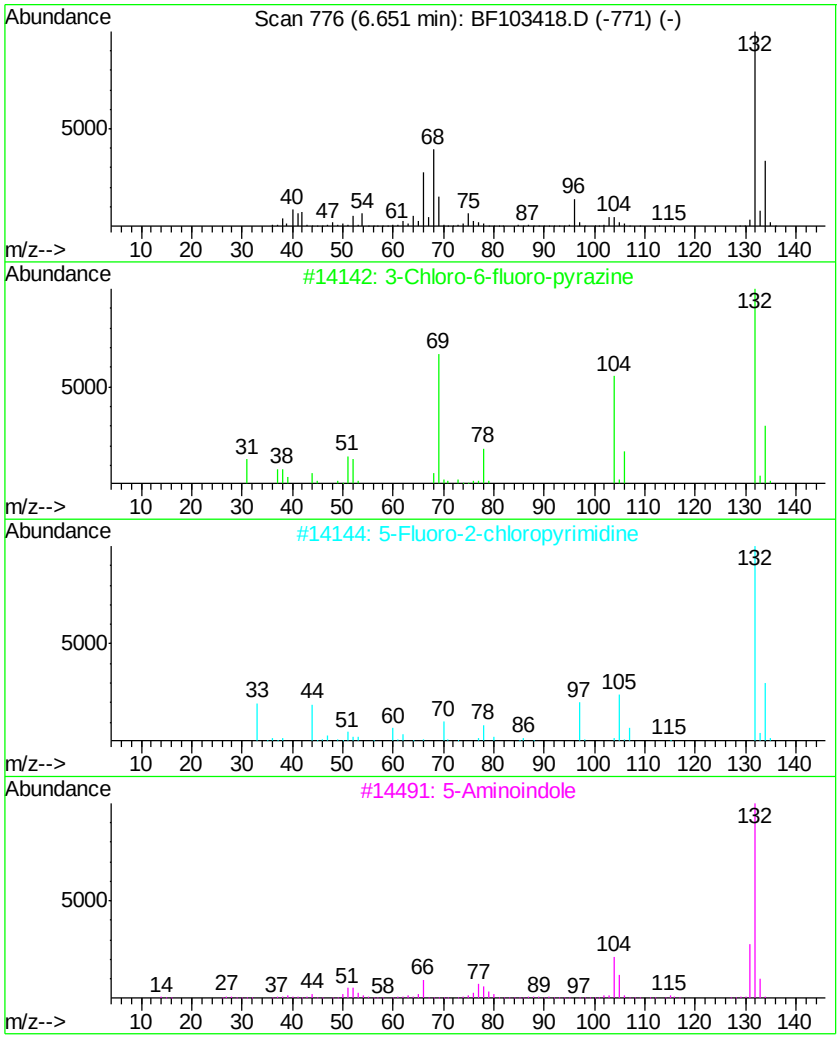
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

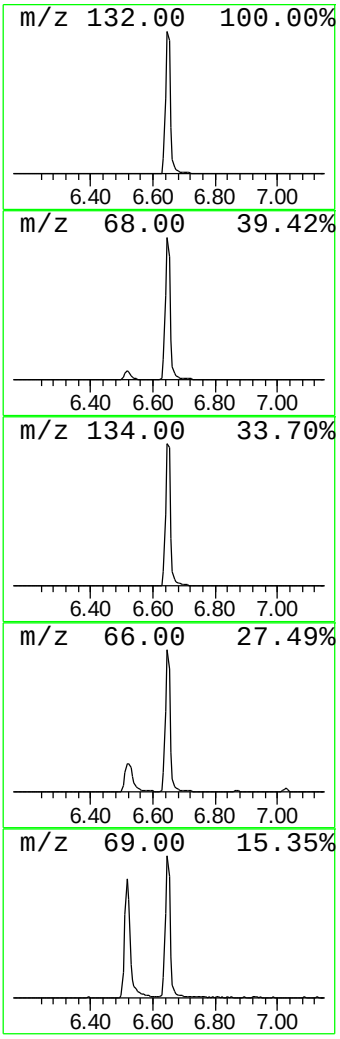
****

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.42 ng	3350240	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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

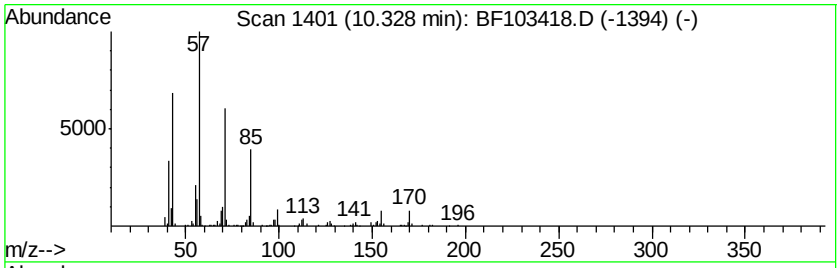
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

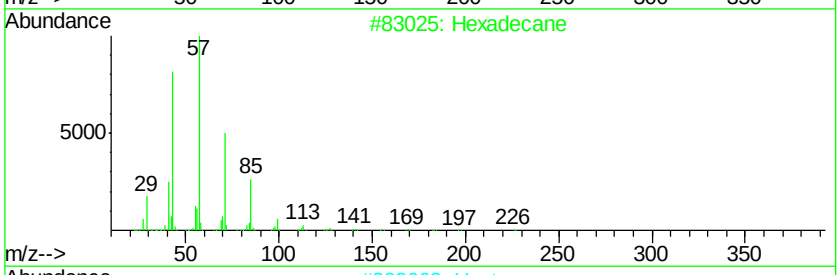
****

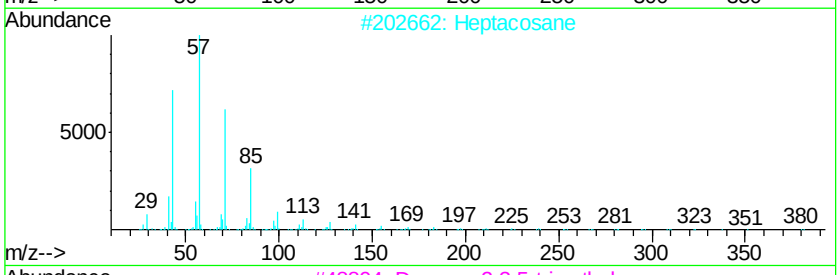
Peak Number 3 Hexadecane Concentration Rank 17

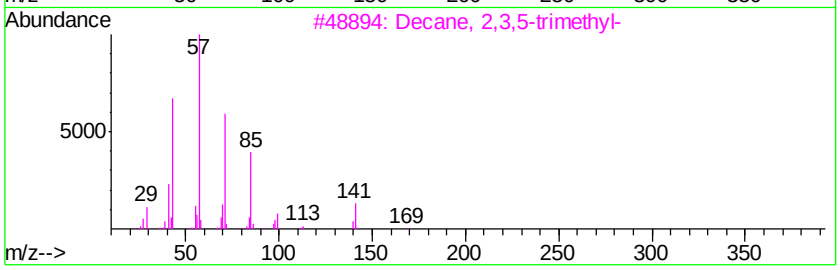
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.10 ng	298315	Acenaphthene-d10	9.92

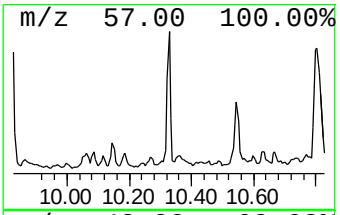
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptacosane	380	C27H56	000593-49-7	80
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4	Dodecane	170	C12H26	000112-40-3	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76

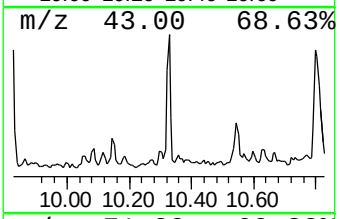


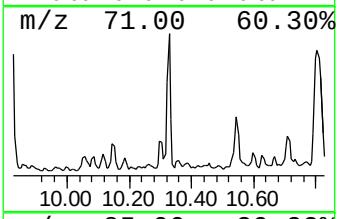


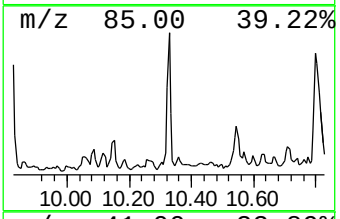


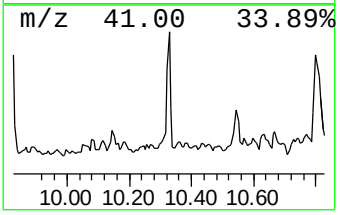












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Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
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Misc :
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Instrument : BNA_F
ClientSampleId : SP-17

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

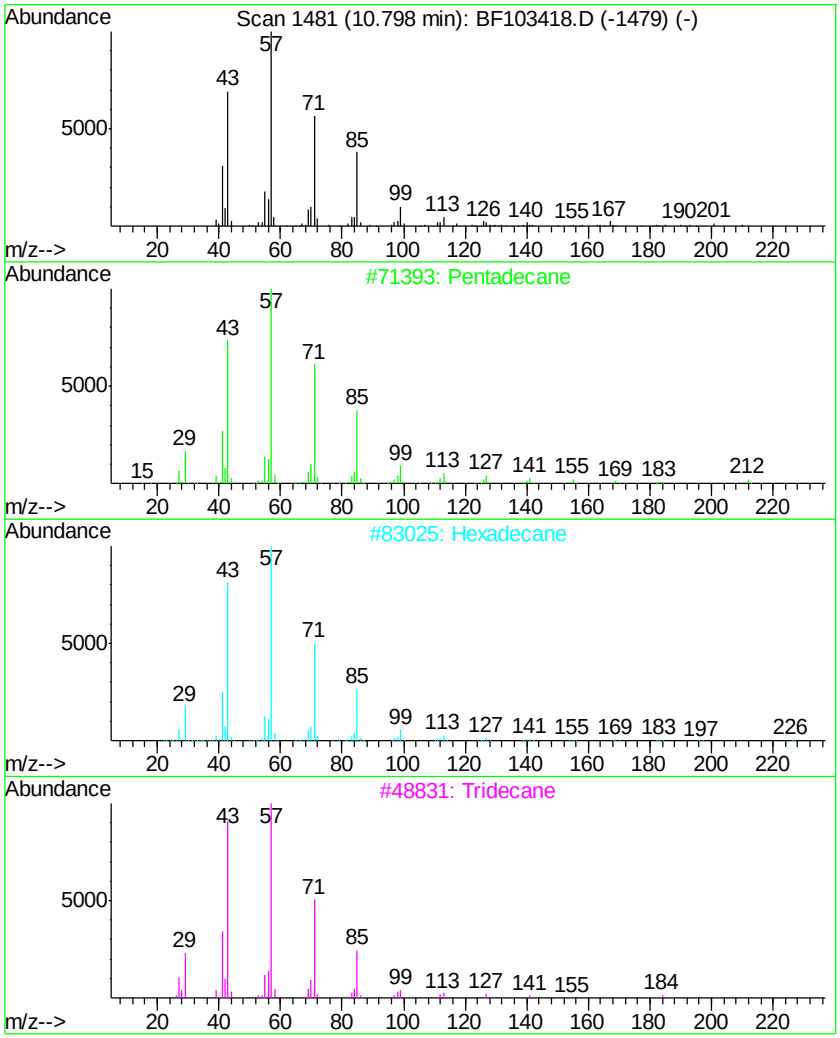
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

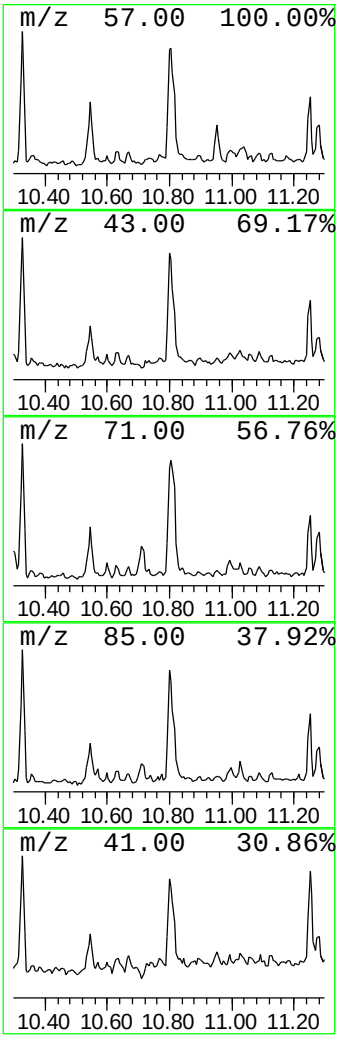
****

Peak Number 4 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	7.18 ng	367919	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	81
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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

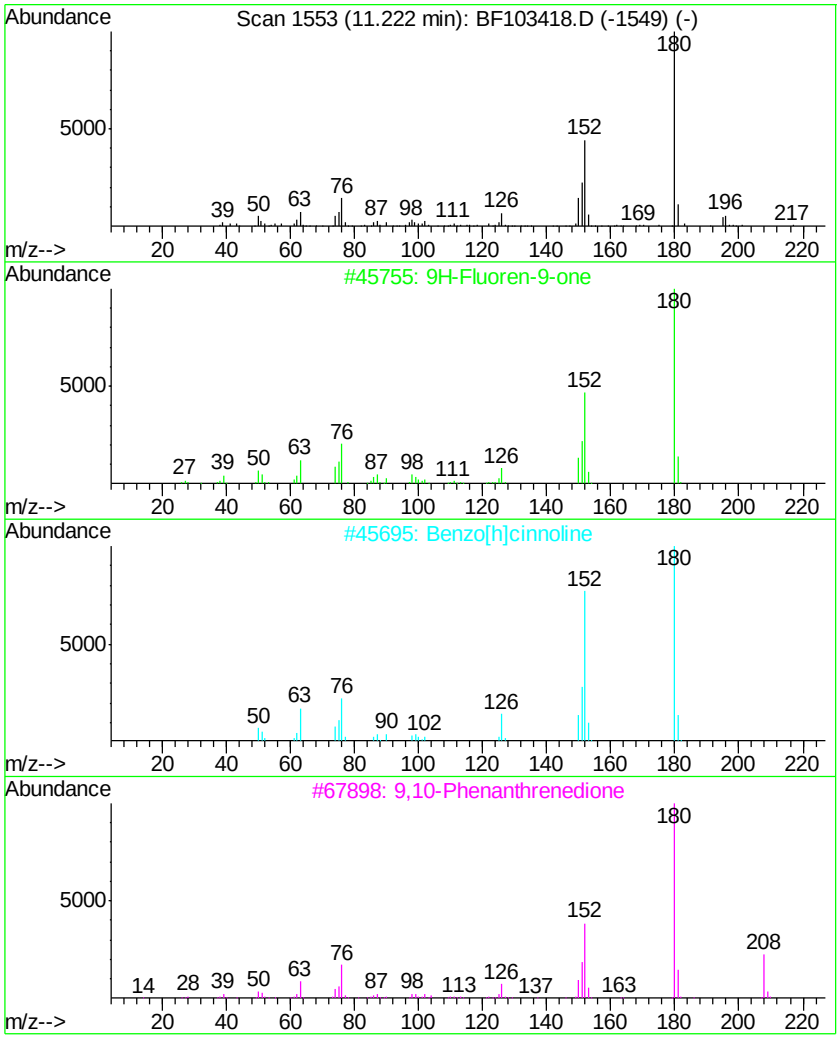
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

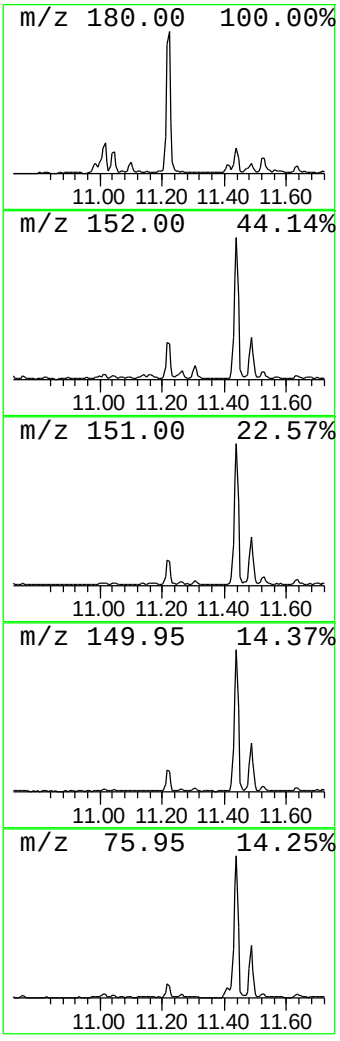
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.63 ng	237166	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	93
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	Diphenic anhydride	224	C14H8O3	006050-13-1	62





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Sample : J1722-19
Misc :
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ClientSampleId : SP-17

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

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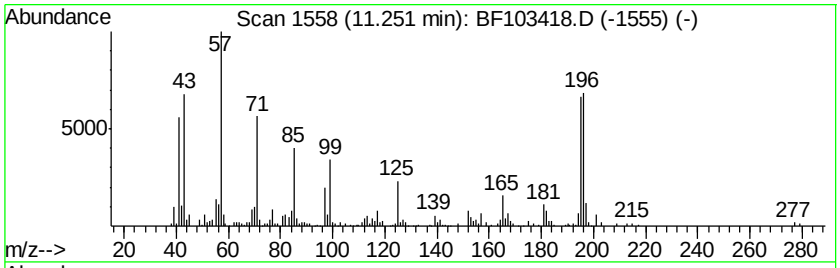
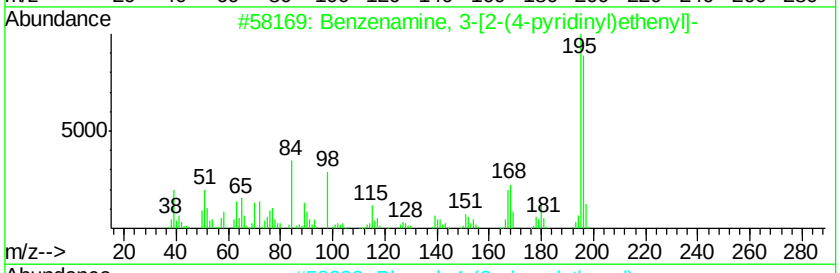
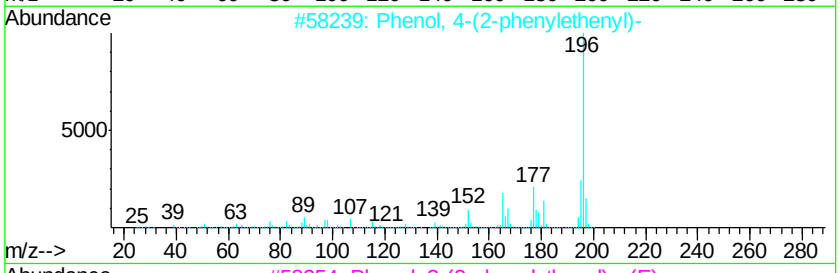
Peak Number 6 unknown11.25 Concentration Rank 8

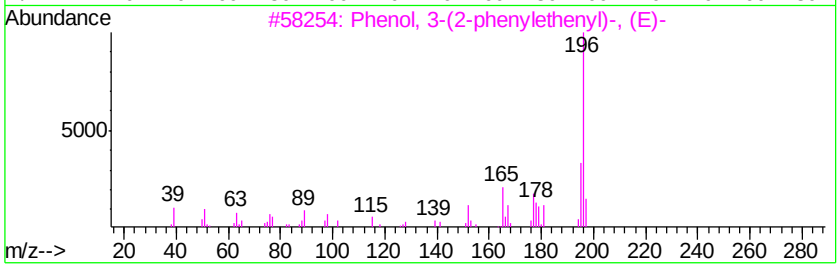
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	8.28 ng	423854	Phenanthrene-d10	11.41

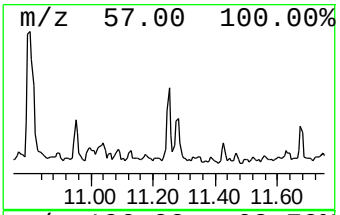
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	38
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	35
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	35
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	30
5	Pentadecane	212	C15H32	000629-62-9	30

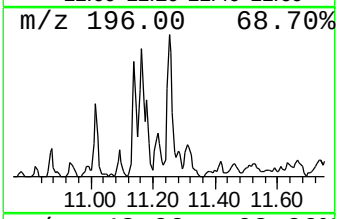


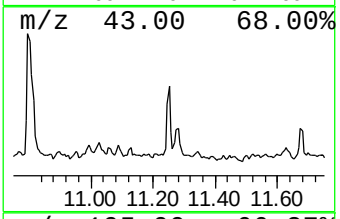


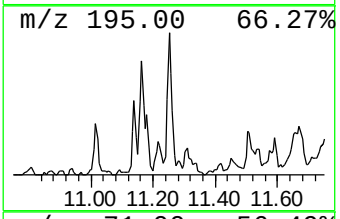


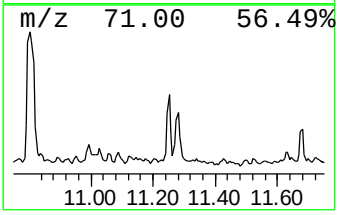












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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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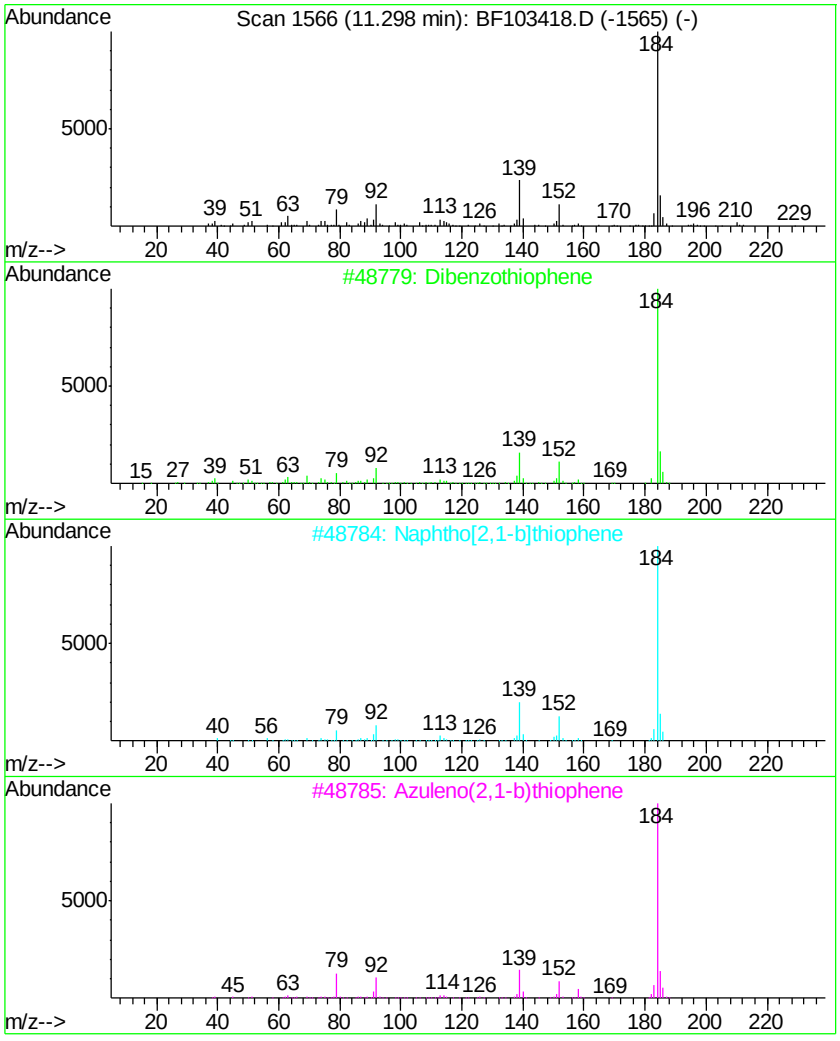
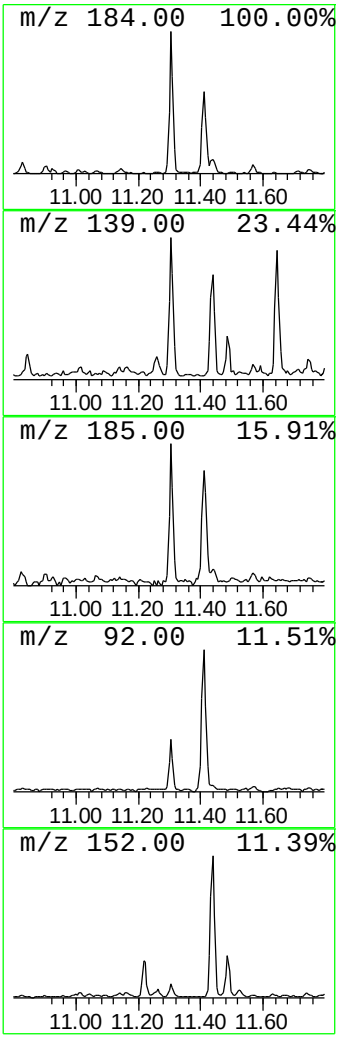
Peak Number 7 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	4.90 ng	250747	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91





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TIC Integration Parameters: LSCINT.P

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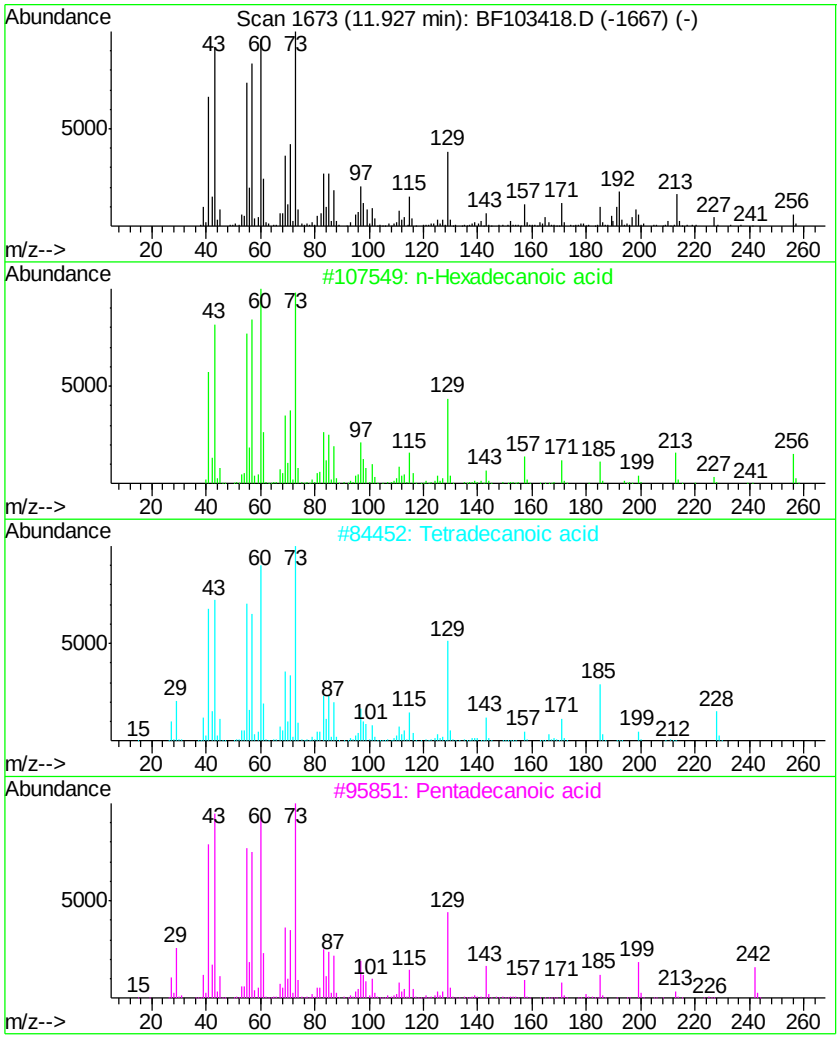
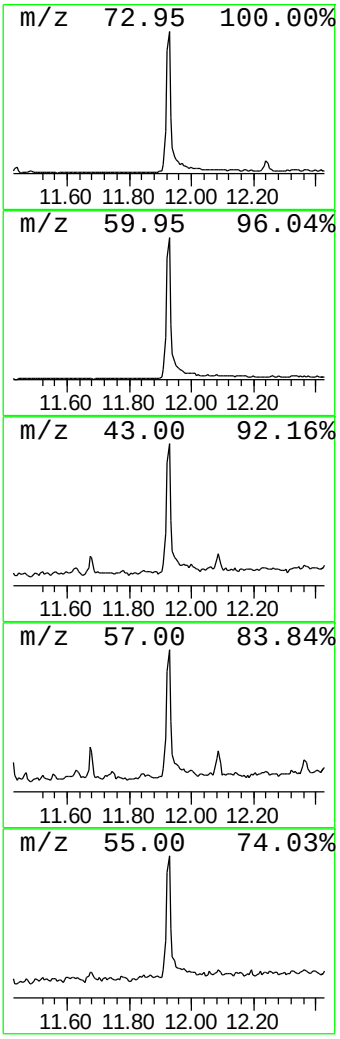
Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	21.61 ng	1106960	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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

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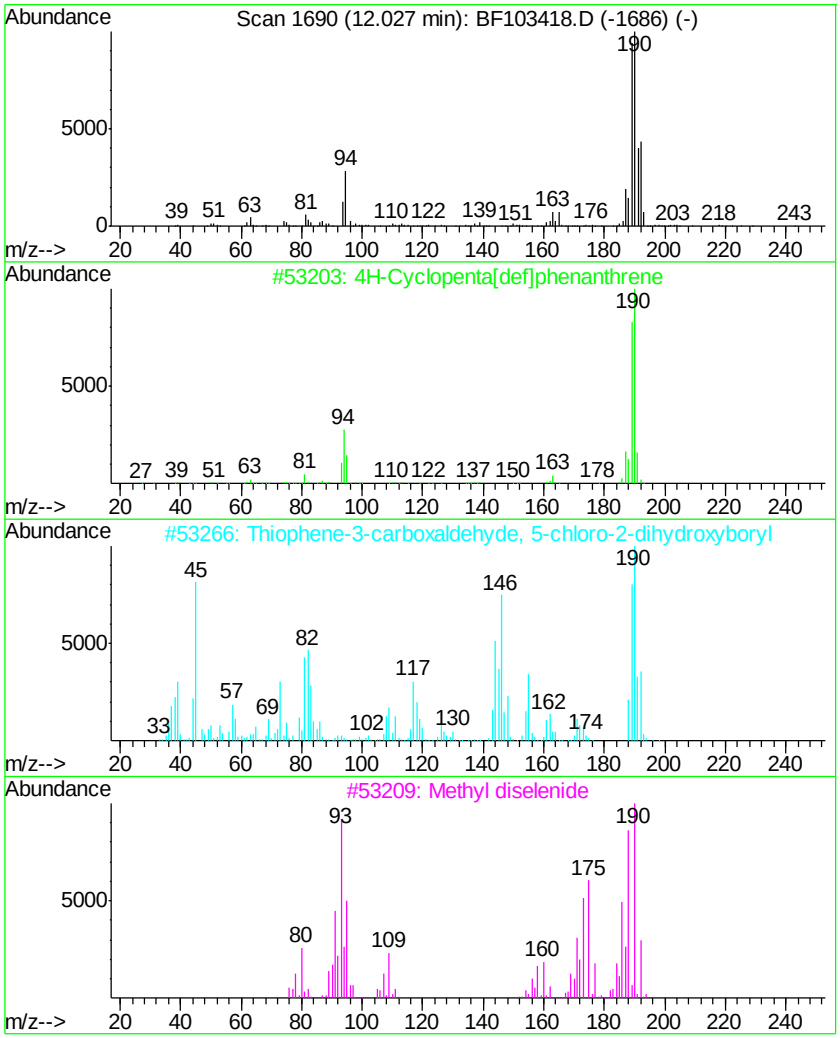
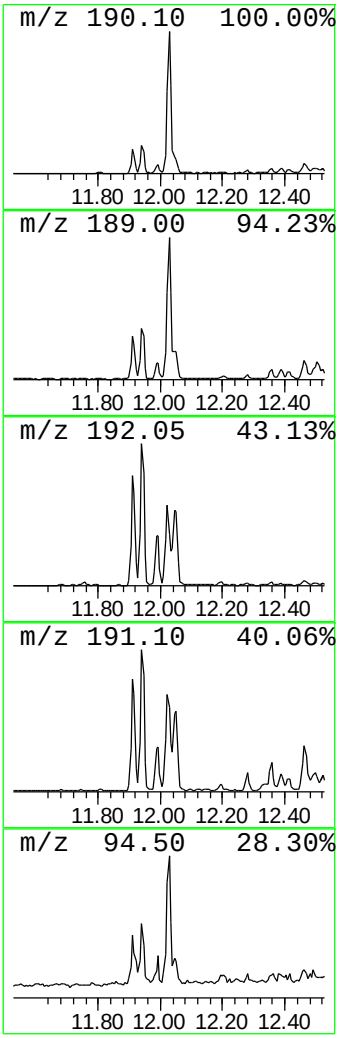
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	14.29 ng	731618	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	28





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

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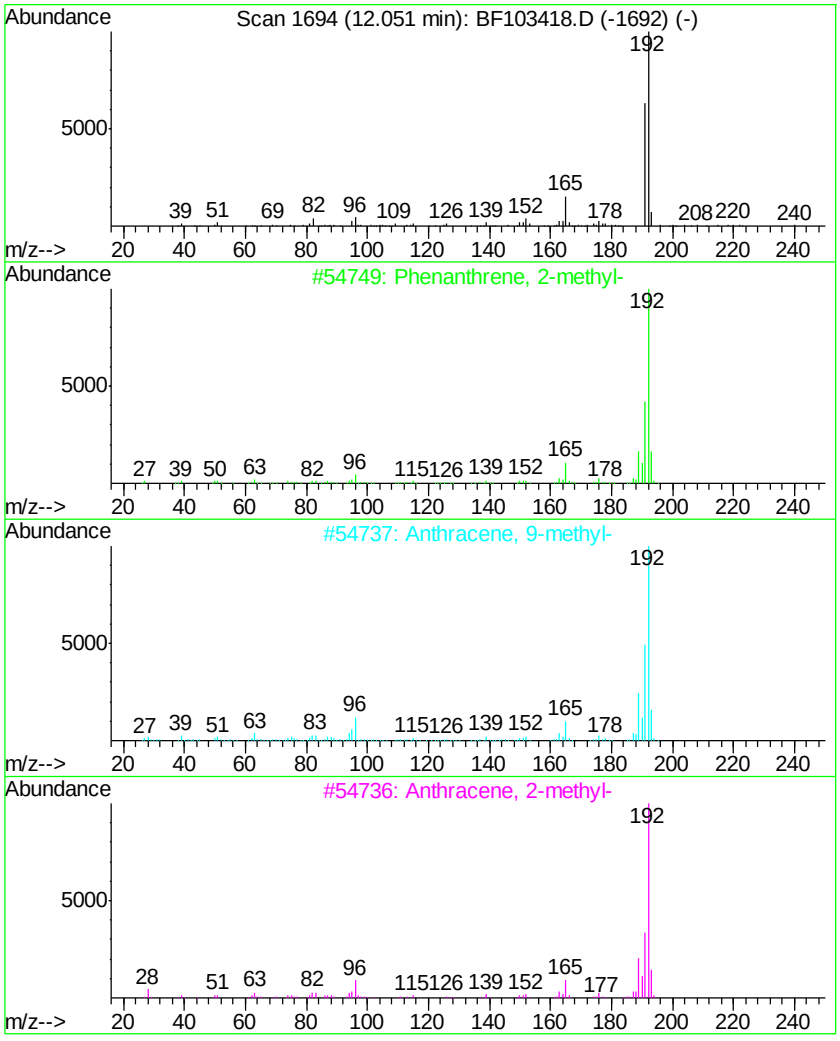
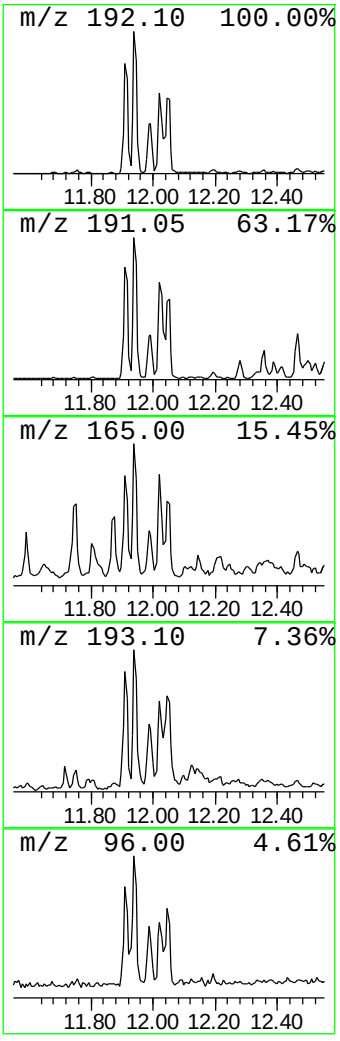
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.17 ng	264806	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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

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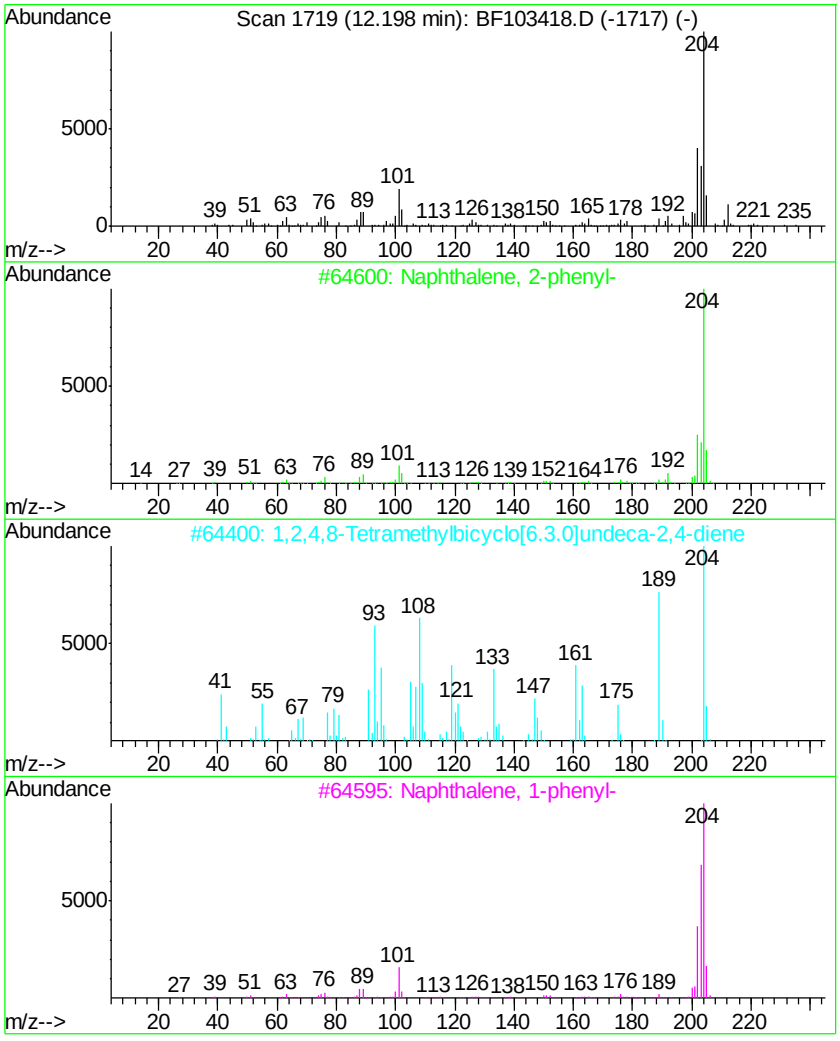
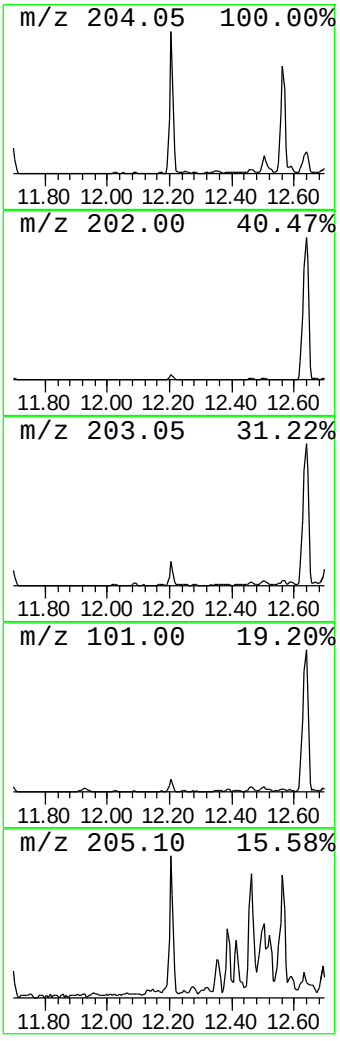
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	6.57 ng	336350	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





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

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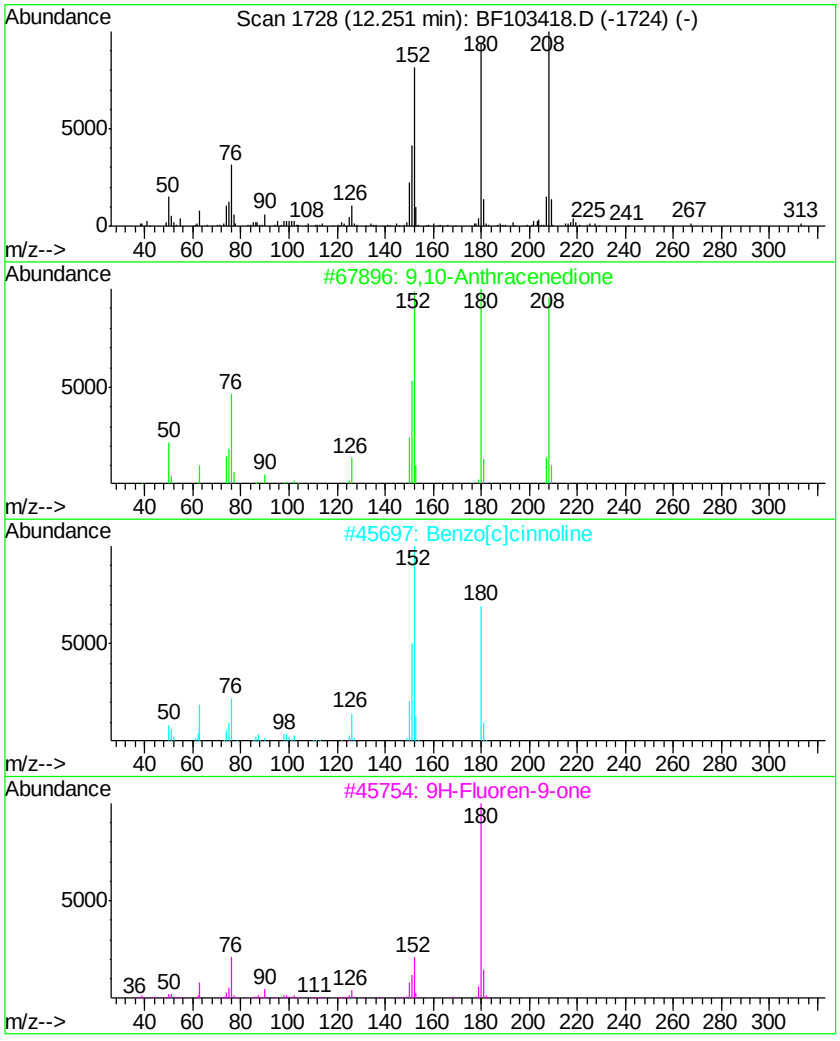
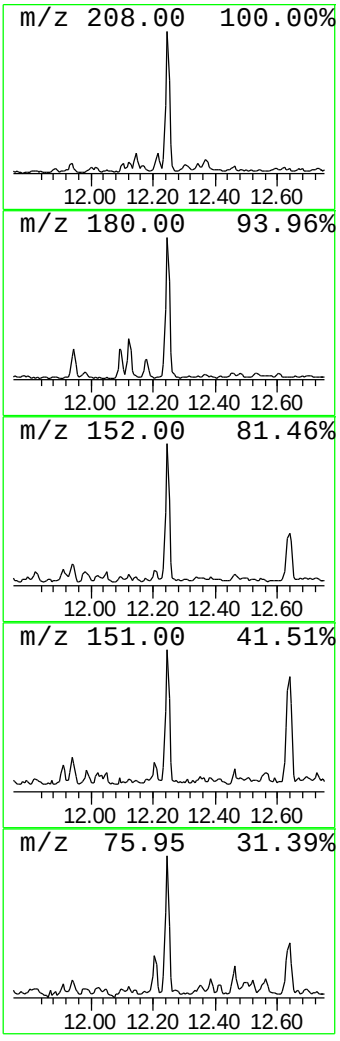
Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	5.88 ng	301352	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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

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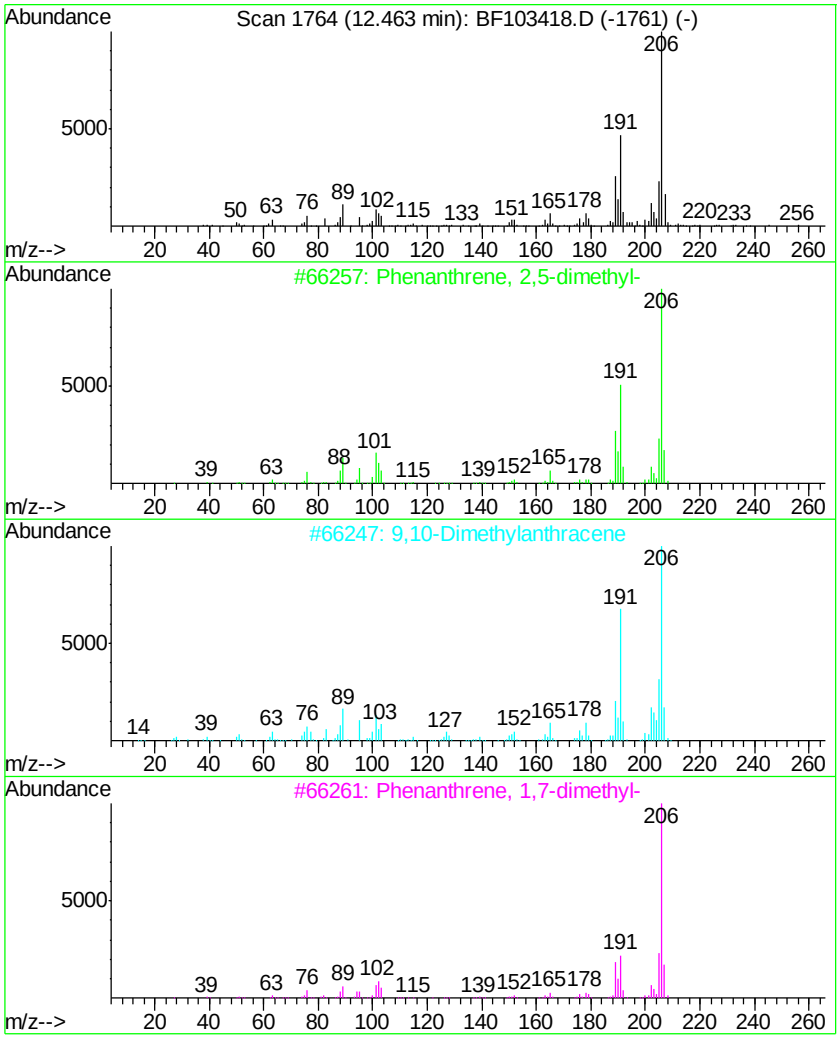
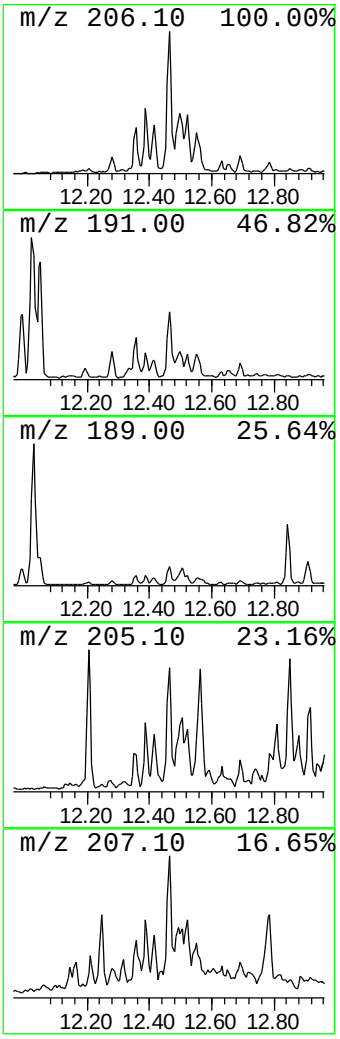
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	6.22 ng	318401	Phenanthrene-d10	11.41

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	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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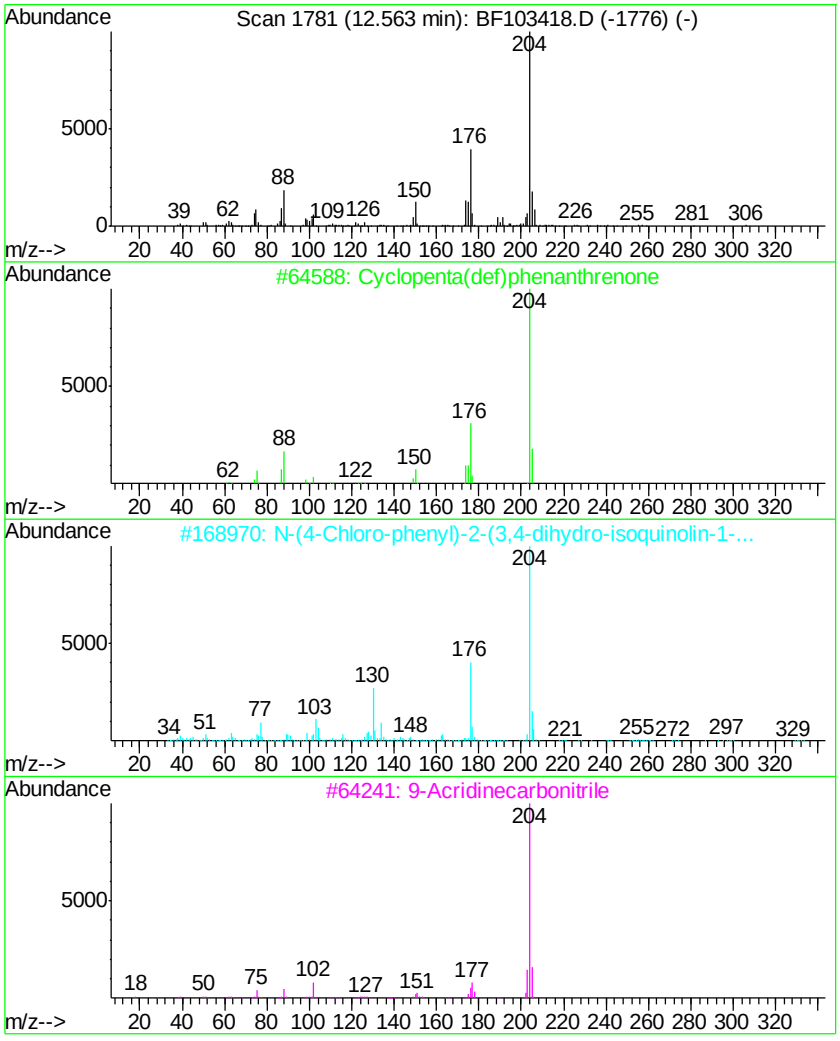
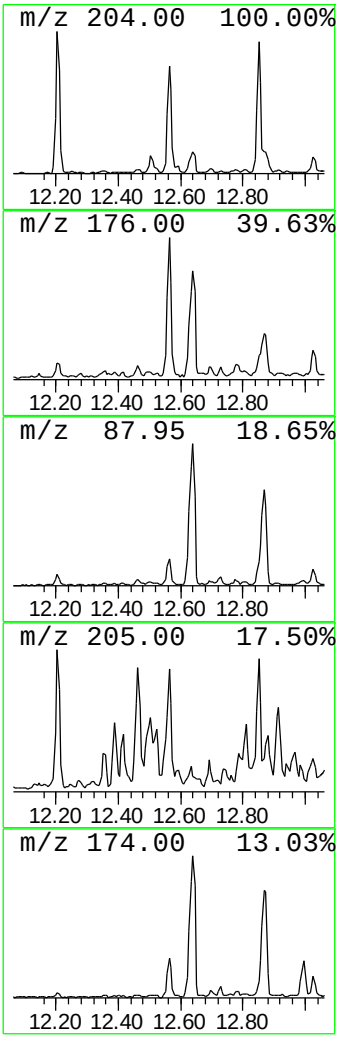
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	7.34 ng	375903	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43





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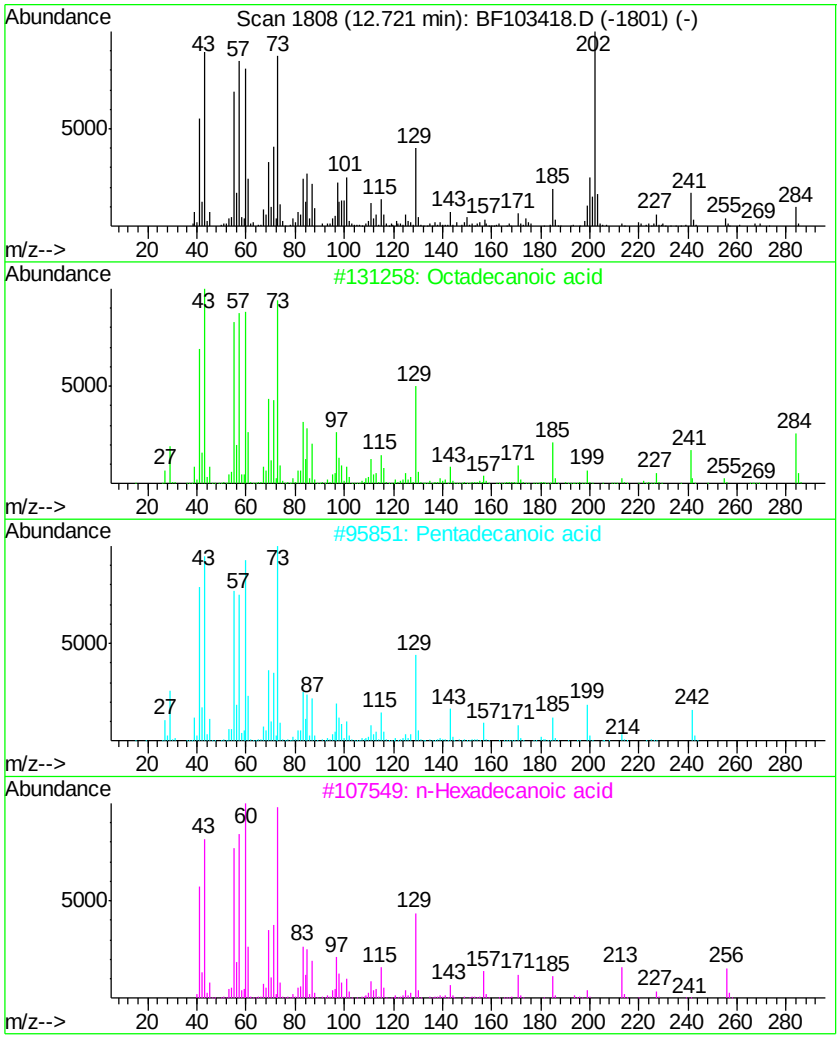
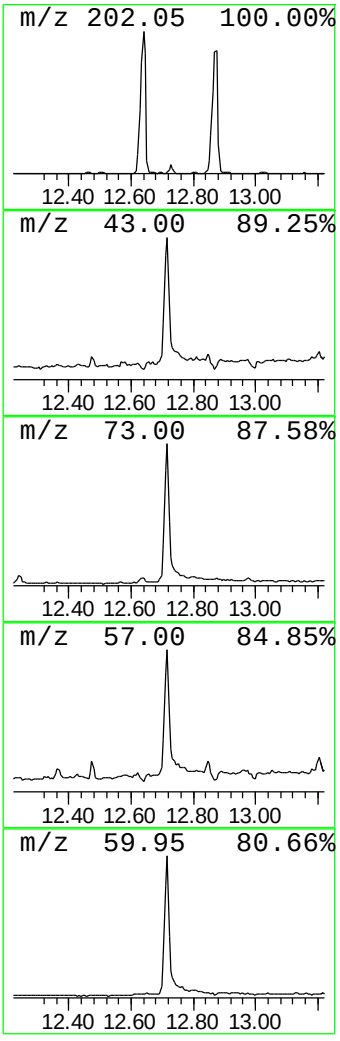
Peak Number 15 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	21.05 ng	1078050	Phenanthrene-d10	11.41

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	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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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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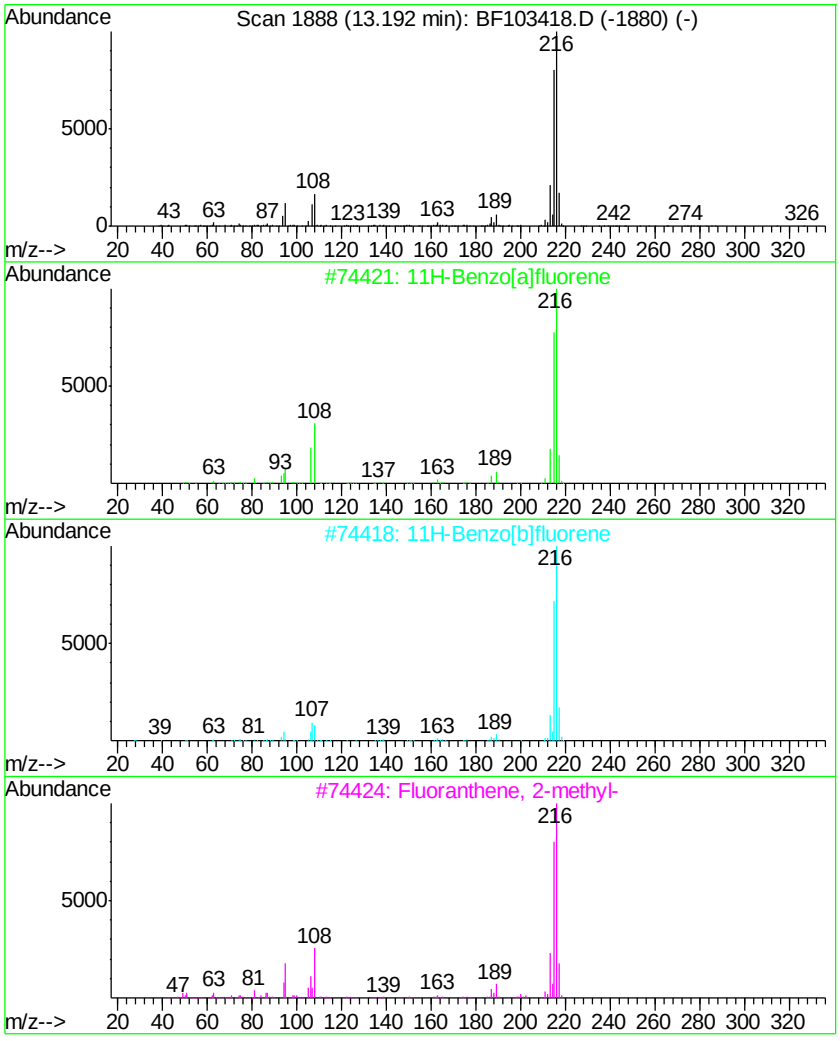
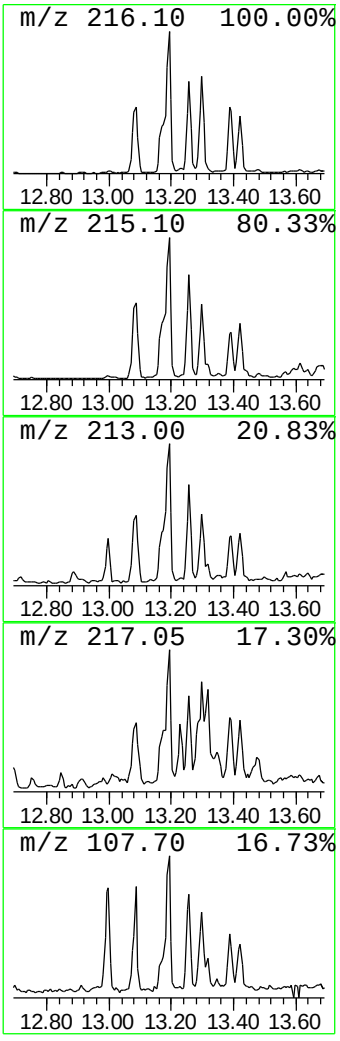
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.72 ng	773017	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Library Search Compound Report

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Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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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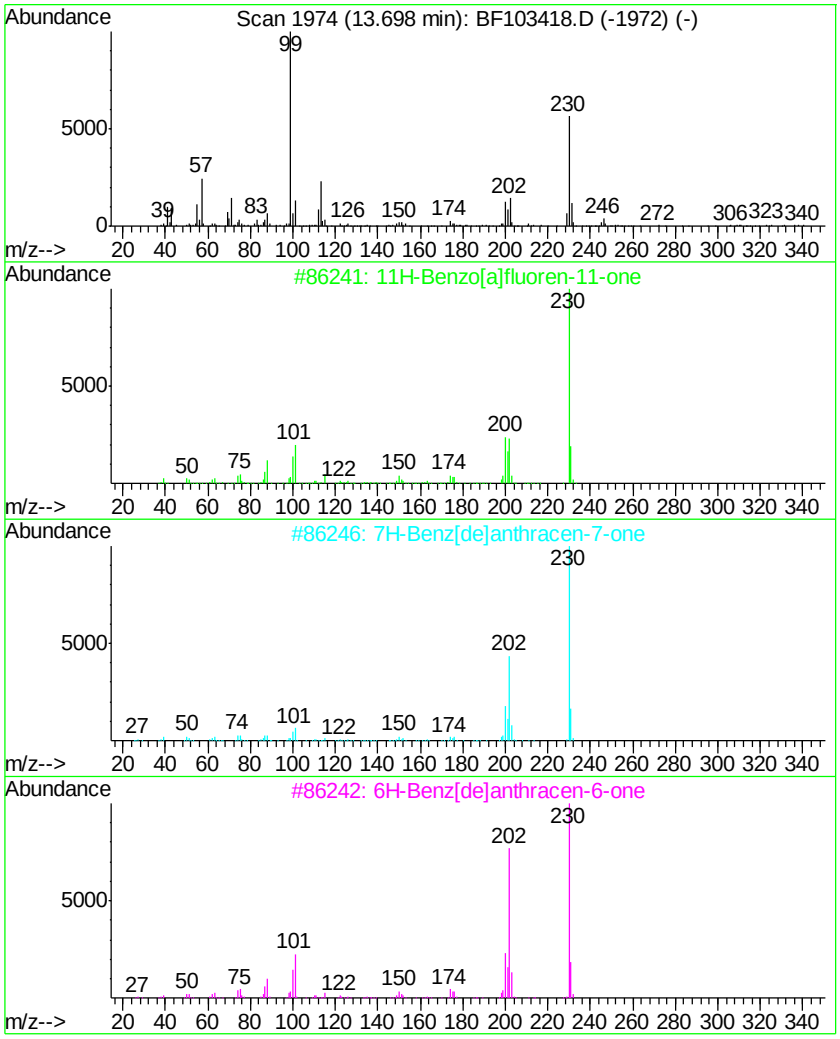
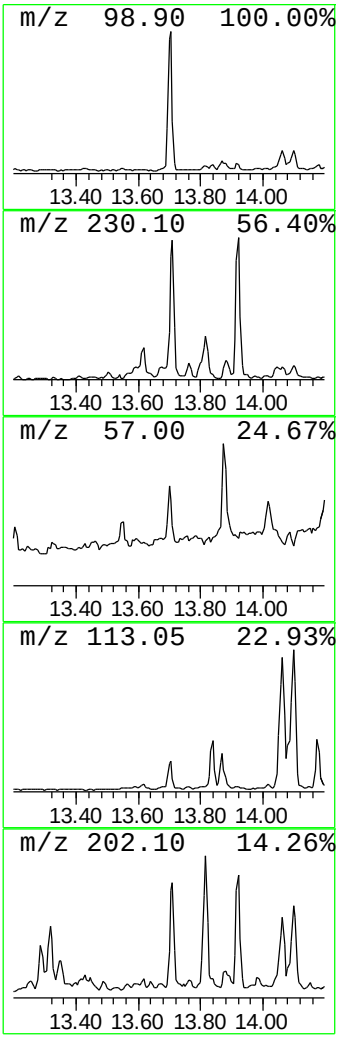
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.94 ng	453492	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	78
4	o-Terphenyl	230	C18H14	000084-15-1	49
5	Ethyl 2-ethoxyquinoline-4-carbox...	245	C14H15NO3	005471-39-6	38





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Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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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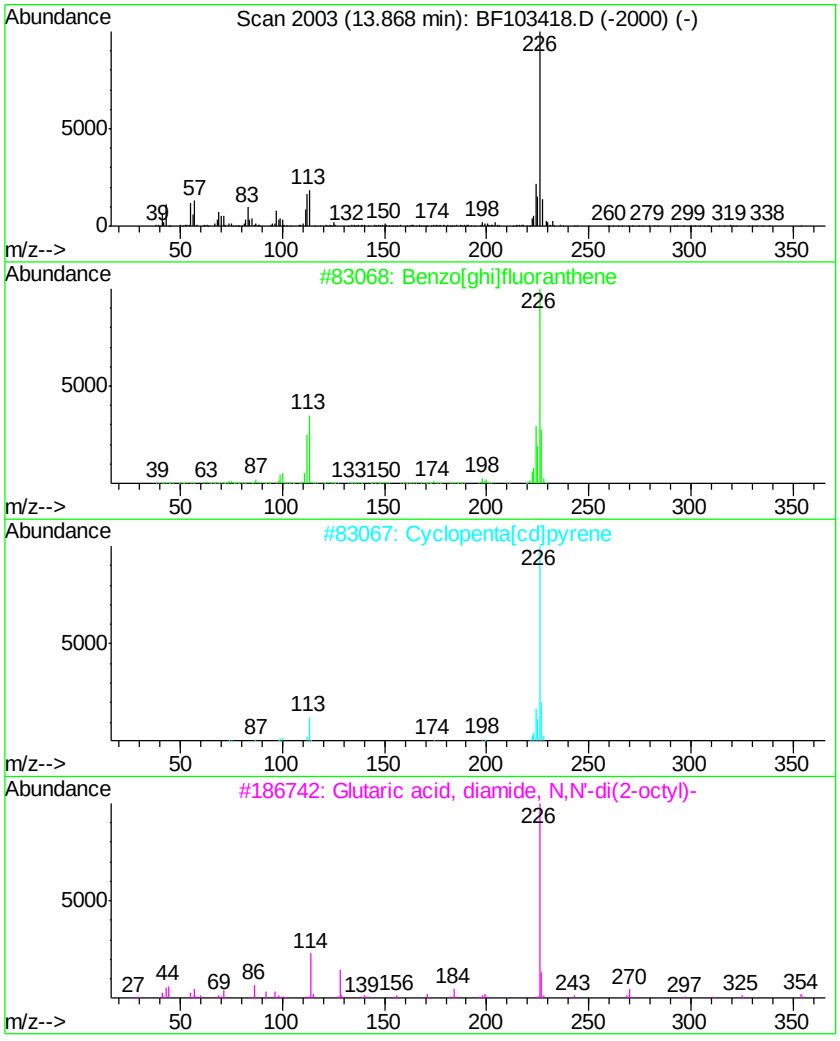
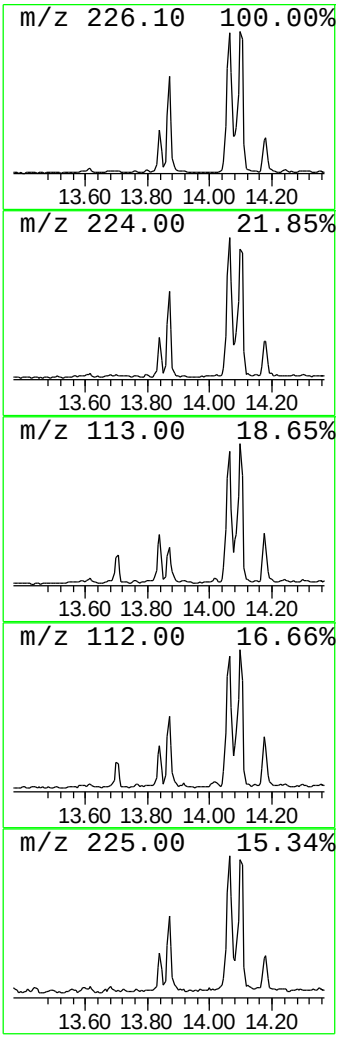
Peak Number 18 unknown13.87 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.53 ng	636065	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3	Glutaric acid, diamide, N,N'-di(...	354	C21H42N2O2	1000360-86-3	35
4	3-Chloro-.alpha.-di-n-heptylamin...	606	C39H59ClN2O	1000251-74-9	27
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	25





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Data File : BF103418.D
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Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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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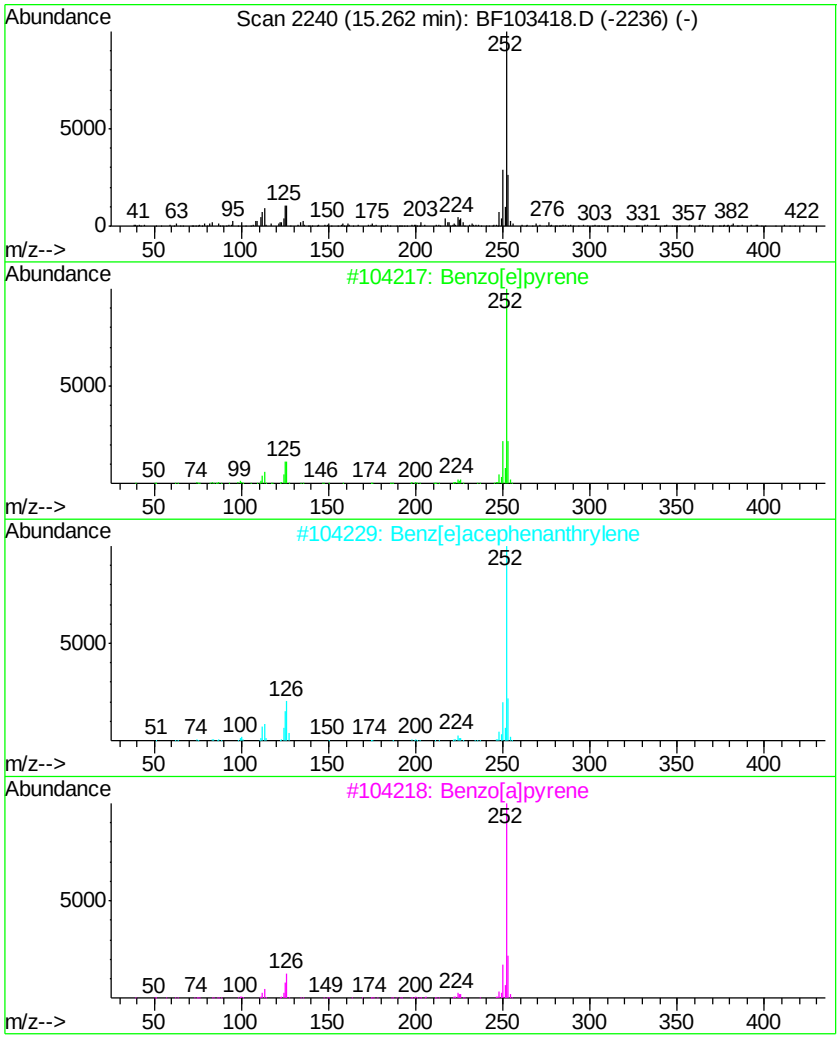
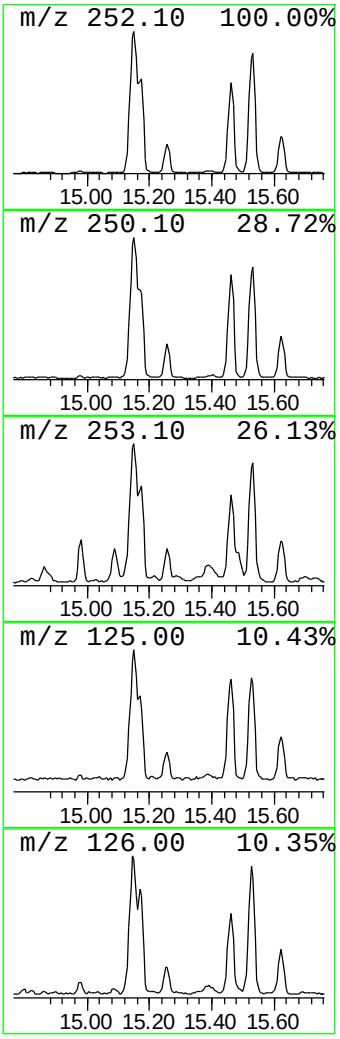
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	14.98 ng	252430	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103418.D
Acq On : 5 Mar 2018 19:37
Operator : SJ/JU
Sample : J1722-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

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	70.4	ng	3350240	1	6.87	951529	20.0
Hexadecane	10.33	5.1	ng	298315	3	9.92	1170440	20.0
Pentadecane	10.80	7.2	ng	367919	4	11.41	1024280	20.0
9H-Fluoren-9-one	11.22	4.6	ng	237166	4	11.41	1024280	20.0
unknown11.25	11.25	8.3	ng	423854	4	11.41	1024280	20.0
Dibenzothiophene	11.30	4.9	ng	250747	4	11.41	1024280	20.0
n-Hexadecanoic acid	11.93	21.6	ng	1106960	4	11.41	1024280	20.0
4H-Cyclopenta[def...	12.03	14.3	ng	731618	4	11.41	1024280	20.0
Phenanthrene, 2-m...	12.05	5.2	ng	264806	4	11.41	1024280	20.0
Naphthalene, 2-ph...	12.20	6.6	ng	336350	4	11.41	1024280	20.0
9,10-Anthracenedione	12.25	5.9	ng	301352	4	11.41	1024280	20.0
Phenanthrene, 2,5...	12.46	6.2	ng	318401	4	11.41	1024280	20.0
Cyclopenta(def)ph...	12.56	7.3	ng	375903	4	11.41	1024280	20.0
Octadecanoic acid	12.72	21.1	ng	1078050	4	11.41	1024280	20.0
11H-Benzo[a]fluorene	13.19	6.7	ng	773017	5	14.07	2299170	20.0
11H-Benzo[a]fluor...	13.70	3.9	ng	453492	5	14.07	2299170	20.0
unknown13.87	13.87	5.5	ng	636065	5	14.07	2299170	20.0
Benzo[e]pyrene	15.26	15.0	ng	252430	6	15.59	337108	20.0