LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.207	483	488	499	rBB	57840	70641	7.14%	0.531%
2	5.560	545	548	553	rBV2	13875	13164	1.33%	0.099%
3	5.613	553	557	568	rVV	874081	822463	83.12%	6.178%
4	5.819	588	592	594	rBB3	10564	10576	1.07%	0.079%
5	6.613	722	727	737	rBV	852463	863850	87.30%	6.488%
6	6.743	745	749	752	rBV	938727	837493	84.63%	6.291%
7	6.784	752	756	760	rVB3	16322	18199	1.84%	0.137%
8	6.960	783	786	789	rBV	324093	246754	24.94%	1.853%
9	7.119	809	813	816	rBV	825351	716764	72.43%	5.384%
10	7.525	877	882	885	rBV	572914	522683	52.82%	3.926%
11	7.978	955	959	964	rBV3	14278	18067	1.83%	0.136%
12	8.242	1000	1004	1006	rBV	334300	272527	27.54%	2.047%
13	8.266	1006	1008	1014	rVB	72603	61216	6.19%	0.460%
14	8.954	1123	1125	1132	rVB	42420	36502	3.69%	0.274%
15	9.025	1132	1137	1140	rBV2	7311	11273	1.14%	0.085%
16	9.054	1140	1142	1148	rVB	27353	22245	2.25%	0.167%
17	9.242	1171	1174	1180	rVB2	8202	12772	1.29%	0.096%
18	9.319	1180	1187	1190	rBV	964272	888247	89.76%	6.672%
19	9.378	1193	1197	1202	rVV	14828	19596	1.98%	0.147%
20	9.419	1202	1204	1208	rVB	16625	13397	1.35%	0.101%
21	9.584	1227	1232	1236	rBV2	12656	17413	1.76%	0.131%
22	9.654	1241	1244	1247	rVV	18570	19170	1.94%	0.144%
23	9.707	1250	1253	1260	rVB	152843	142404	14.39%	1.070%
24	9.866	1277	1280	1283	rBV	72130	62295	6.30%	0.468%
25	9.907	1283	1287	1290	rVV	26868	23509	2.38%	0.177%
26	10.001	1300	1303	1307	rBV2	309958	271038	27.39%	2.036%
27	10.036	1307	1309	1312	rVB	27857	19931	2.01%	0.150%
28	10.101	1315	1320	1325	rBV3	6007	10736	1.08%	0.081%
29	10.207	1334	1338	1340	rBV2	25331	29380	2.97%	0.221%
30	10.236	1340	1343	1347	rVB3	10974	13575	1.37%	0.102%
31	10.313	1352	1356	1358	rBV2	14604	15324	1.55%	0.115%
32	10.407	1366	1372	1376	rBV	48886	51929	5.25%	0.390%
33	10.460	1378	1381	1385	rVB	13532	14153	1.43%	0.106%
34	10.554	1393	1397	1403	rVB2	29110	40312	4.07%	0.303%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.631	1406	1410	1413	rVV3	20108	21721	2.20%	0.163%
36	10.707	1421	1423	1426	rVB2	15224	14376	1.45%	0.108%
37	10.795	1434	1438	1442	rBV	567263	560132	56.61%	4.207%
38	10.883	1450	1453	1464	rVB3	40556	75478	7.63%	0.567%
39	11.101	1483	1490	1493	rBV5	19147	27795	2.81%	0.209%
40	11.225	1506	1511	1513	rBV4	15899	21384	2.16%	0.161%
41	11.254	1513	1516	1520	rVV2	20660	30085	3.04%	0.226%
42	11.301	1521	1524	1527	rVV	25176	24763	2.50%	0.186%
43	11.336	1527	1530	1532	rVV2	34470	37040	3.74%	0.278%
44	11.360	1532	1534	1537	rVV3	18238	19536	1.97%	0.147%
45	11.389	1537	1539	1544	rVB	20112	18562	1.88%	0.139%
46	11.495	1553	1557	1559	rBV	341790	301760	30.49%	2.267%
47	11.519	1559	1561	1566	rVB	323378	270441	27.33%	2.031%
48	11.572	1567	1570	1573	rBV	106196	87318	8.82%	0.656%
49	11.730	1594	1597	1600	rBV2	20595	20296	2.05%	0.152%
50	11.760	1600	1602	1604	rVV2	29007	23380	2.36%	0.176%
51	11.783	1604	1606	1609	rVB	14736	12401	1.25%	0.093%
52	11.830	1611	1614	1617	rVB4	16514	17962	1.82%	0.135%
53	12.001	1639	1643	1645	rBV	76344	88878	8.98%	0.668%
54	12.025	1645	1647	1651	rVV	98862	83029	8.39%	0.624%
55	12.072	1652	1655	1658	rVV	33965	32102	3.24%	0.241%
56	12.113	1658	1662	1664	rVV2	110890	116473	11.77%	0.875%
57	12.130	1664	1665	1669	rVB	43701	36335	3.67%	0.273%
58	12.172	1669	1672	1675	rBV2	18484	21497	2.17%	0.161%
59	12.230	1679	1682	1684	rBV3	15549	14013	1.42%	0.105%
60	12.289	1689	1692	1695	rVV	56675	58862	5.95%	0.442%
61	12.325	1695	1698	1702	rVB	39669	36661	3.70%	0.275%
62	12.442	1716	1718	1721	rVB2	17698	16548	1.67%	0.124%
63	12.472	1721	1723	1725	rBV	22868	16441	1.66%	0.123%
64	12.548	1733	1736	1739	rBV2	50968	65683	6.64%	0.493%
65	12.642	1748	1752	1756	rBV3	39001	56663	5.73%	0.426%
66	12.719	1761	1765	1768	rVV	689434	595384	60.17%	4.472%
67	12.748	1768	1770	1773	rVV2	19064	19665	1.99%	0.148%
68	12.813	1778	1781	1783	rVB	32930	29889	3.02%	0.225%
69	12.872	1789	1791	1797	rVB4	30495	49431	5.00%	0.371%
70	12.925	1797	1800	1801	rBV	118590	101522	10.26%	0.763%
71	12.948	1801	1804	1809	rVB	570876	513770	51.92%	3.859%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.989	1809	1811	1817	rVB2	38923	43112	4.36%	0.324%
73	13.083	1821	1827	1830	rVV	1009315	989541	100.00%	7.433%
74	13.107	1830	1831	1835	rVB	23221	16133	1.63%	0.121%
75	13.160	1836	1840	1845	rBV2	50631	90582	9.15%	0.680%
76	13.272	1852	1859	1863	rBV	129253	189523	19.15%	1.424%
77	13.342	1868	1871	1873	rVV	94075	86864	8.78%	0.652%
78	13.377	1873	1877	1880	rVV2	62936	75317	7.61%	0.566%
79	13.472	1891	1893	1895	rBV	49574	38523	3.89%	0.289%
80	13.501	1896	1898	1901	rVB	39569	39566	4.00%	0.297%
81	13.783	1944	1946	1951	rVB	56976	52706	5.33%	0.396%
82	13.895	1963	1965	1968	rBV2	36358	29409	2.97%	0.221%
83	13.924	1968	1970	1972	rVB	45922	33040	3.34%	0.248%
84	13.954	1972	1975	1980	rBV4	94012	107803	10.89%	0.810%
85	14.101	1998	2000	2003	rBV	44032	33916	3.43%	0.255%
86	14.154	2004	2009	2011	rVV2	404904	549942	55.58%	4.131%
87	14.177	2011	2013	2021	rVB	265829	261005	26.38%	1.960%
88	15.236	2190	2193	2196	rBV	142707	198264	20.04%	1.489%
89	15.560	2245	2248	2253	rVB	98276	139016	14.05%	1.044%
90	15.630	2256	2260	2264	rBV	102081	127485	12.88%	0.958%
91	15.695	2267	2271	2275	rVV	152961	182721	18.47%	1.372%
92	15.948	2311	2314	2324	rVB2	103612	183123	18.51%	1.375%
93	17.271	2536	2539	2548	rVB2	51105	99099	10.01%	0.744%

Sum of corrected areas: 13313564

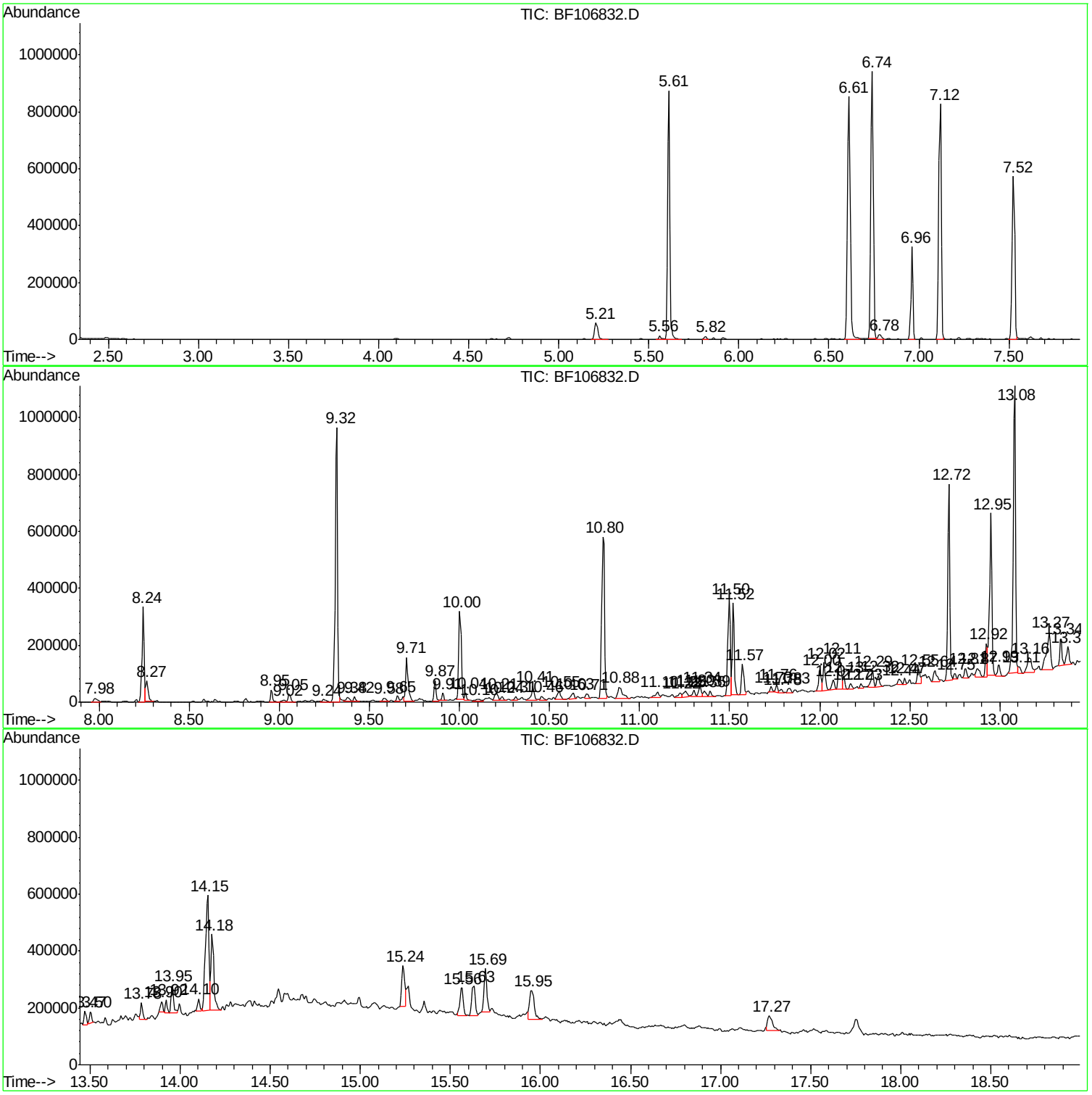
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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 : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

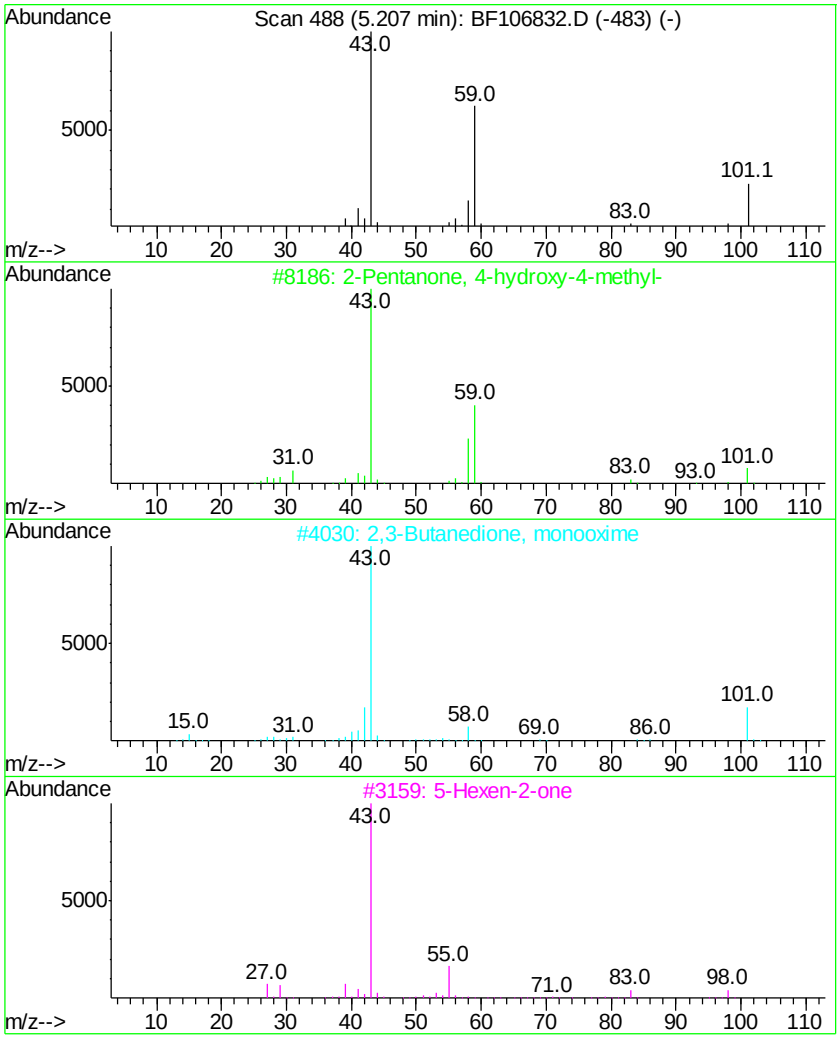
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

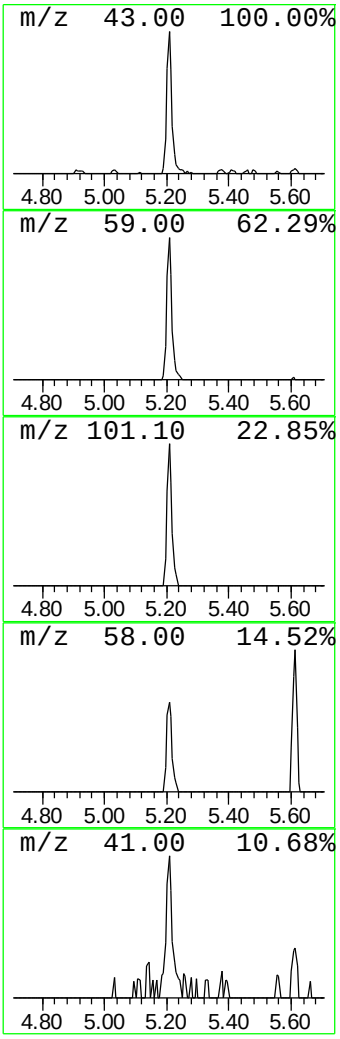
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	5.73 ng	70641	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Heptanol	116	C7H16O	000589-82-2	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

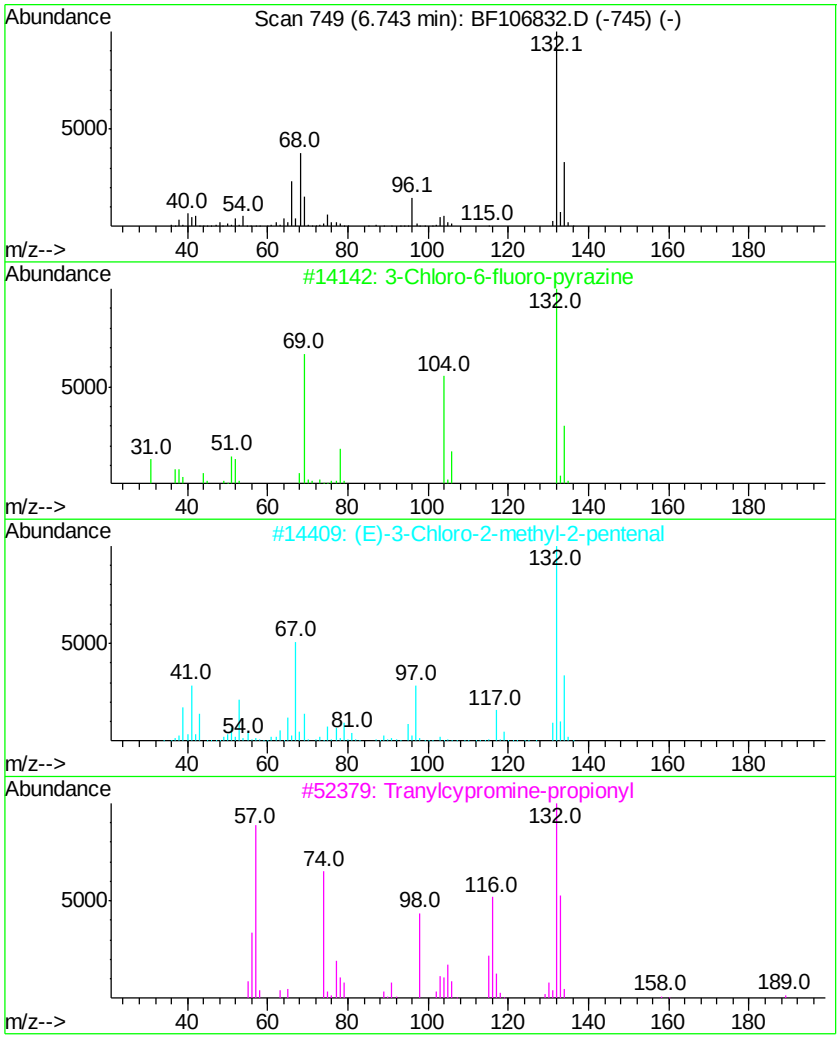
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

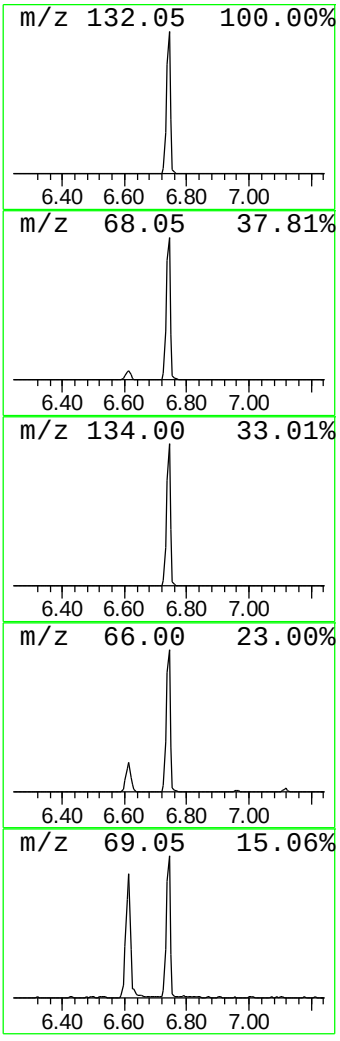
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	67.88 ng	837493	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

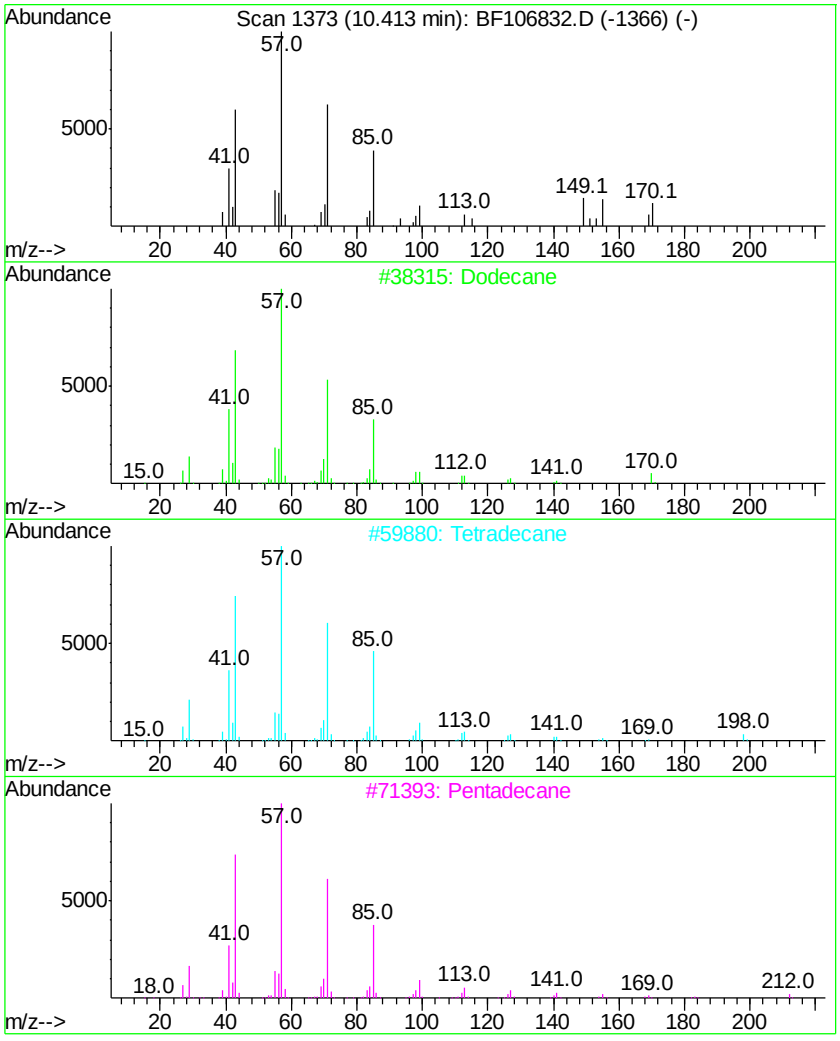
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

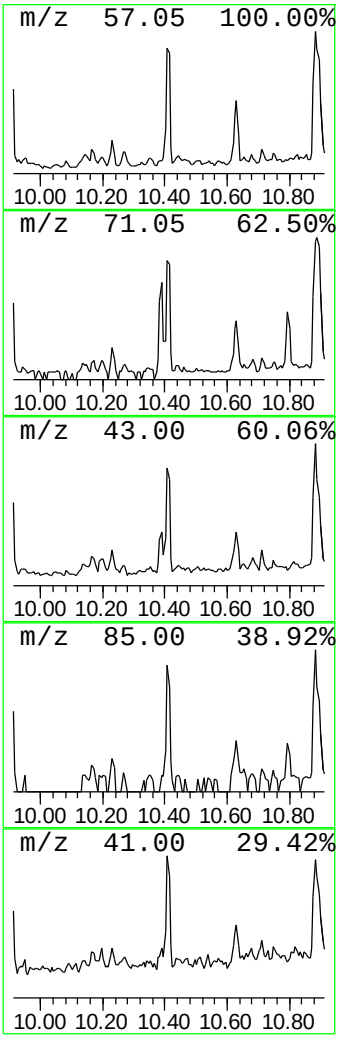
****

Peak Number 4 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	3.83 ng	51929	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	58
2	Tetradecane	198	C14H30	000629-59-4	49
3	Pentadecane	212	C15H32	000629-62-9	47
4	Hexadecane	226	C16H34	000544-76-3	47
5	Tetratetracontane	619	C44H90	007098-22-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

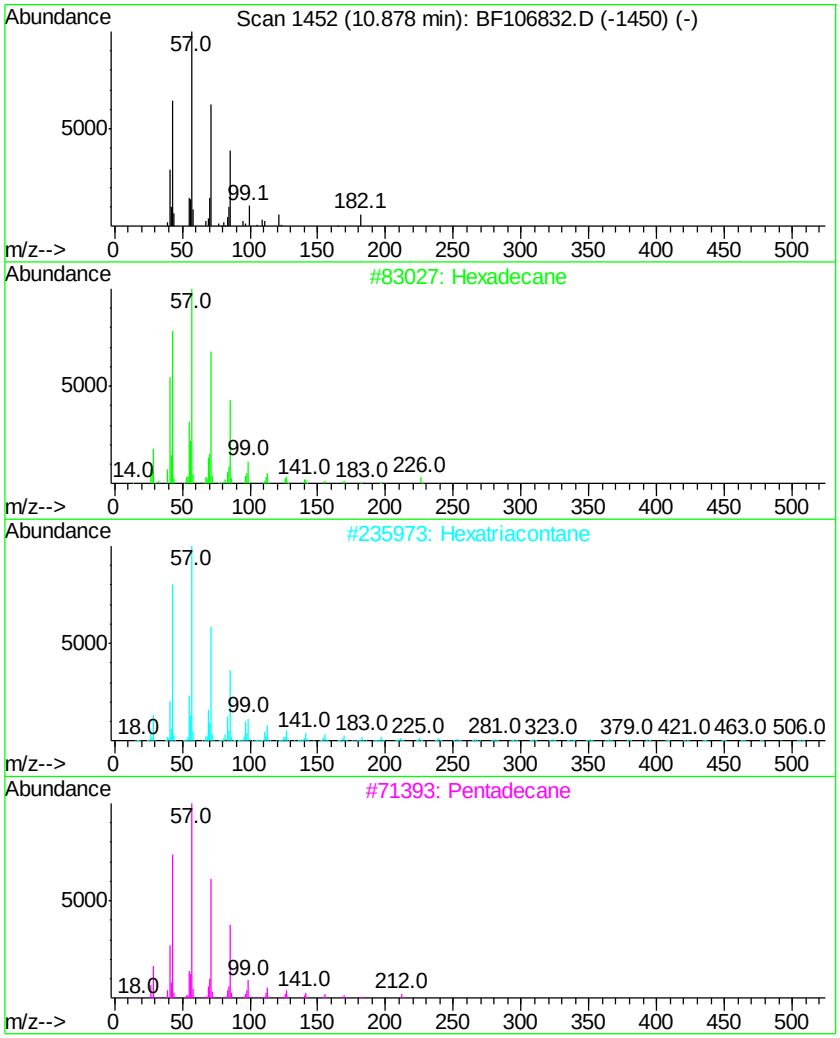
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

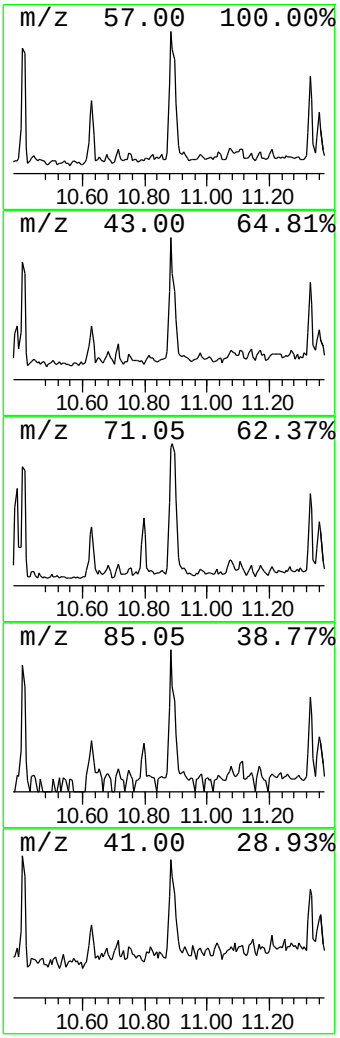
****

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	5.00 ng	75478	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Hexatriacontane	507	C36H74	000630-06-8	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Heptacosane	380	C27H56	000593-49-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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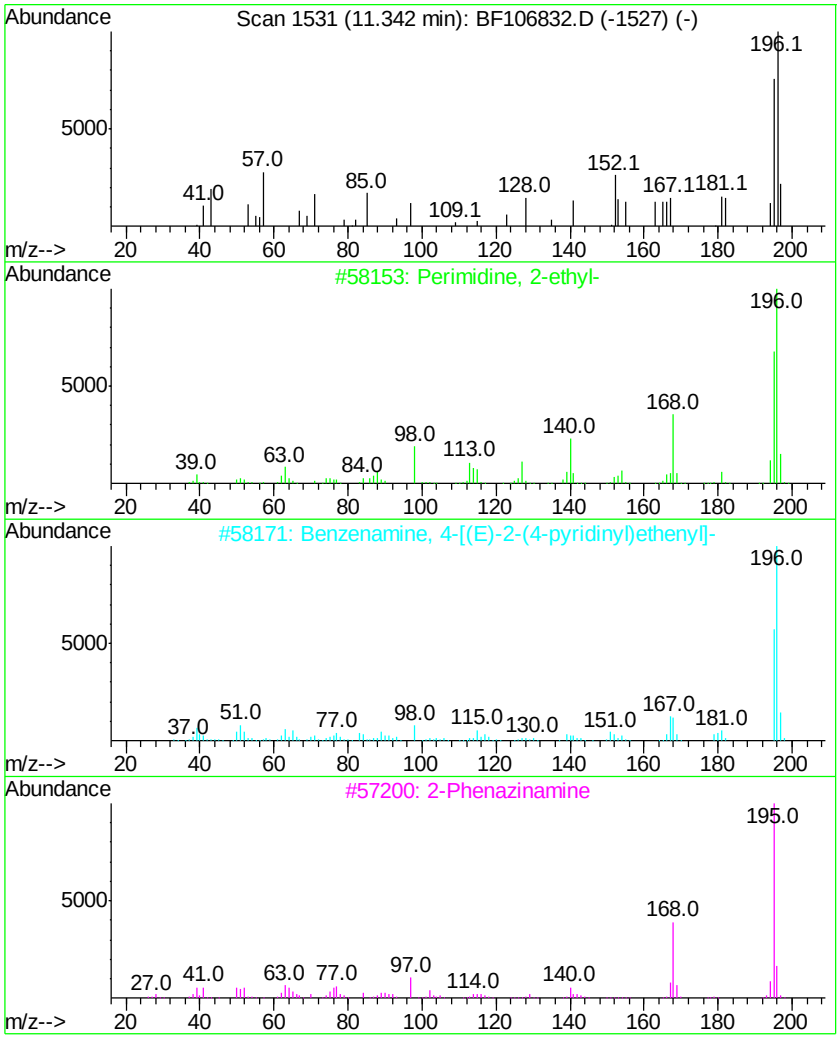
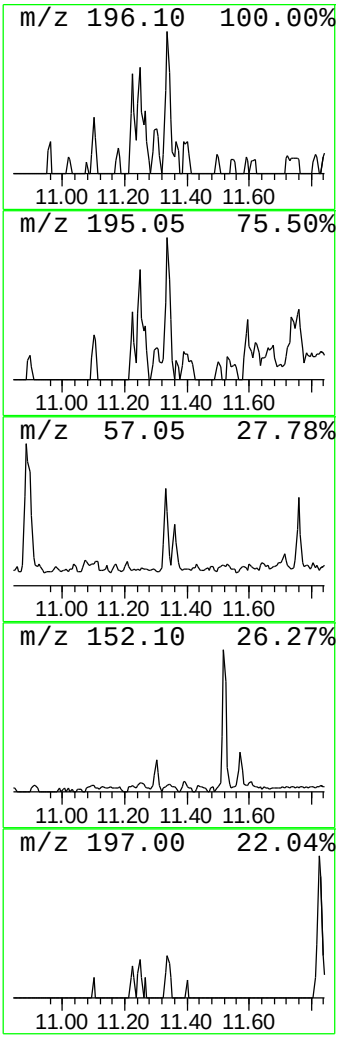
Peak Number 6 Perimidine, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.45 ng	37040	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	64
2	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	35
3	2-Phenazinamine	195	C12H9N3	002876-23-5	27
4	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	27
5	4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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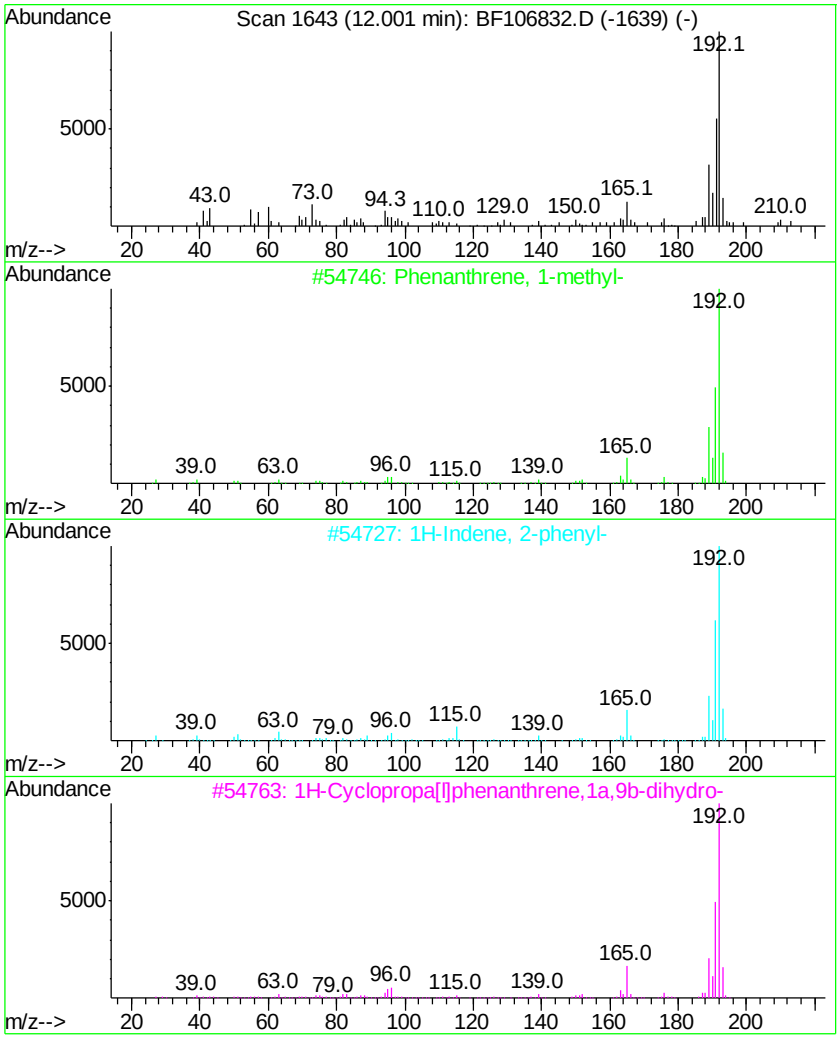
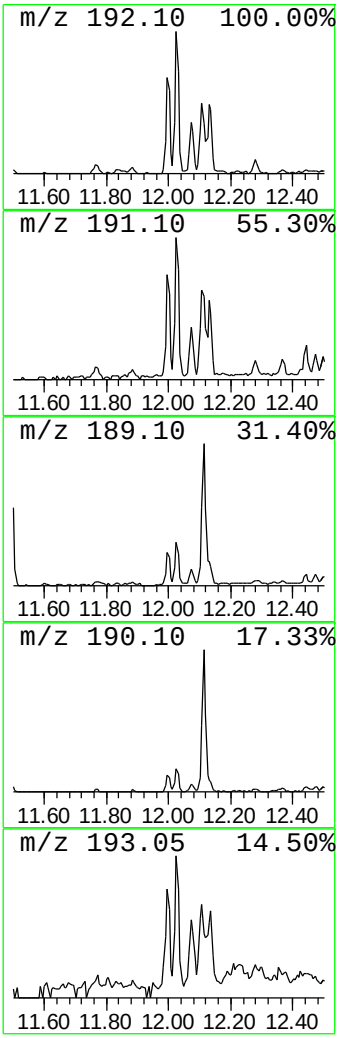
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.89 ng	88878	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106832.D
Acq On : 26 Jun 2018 19:27
Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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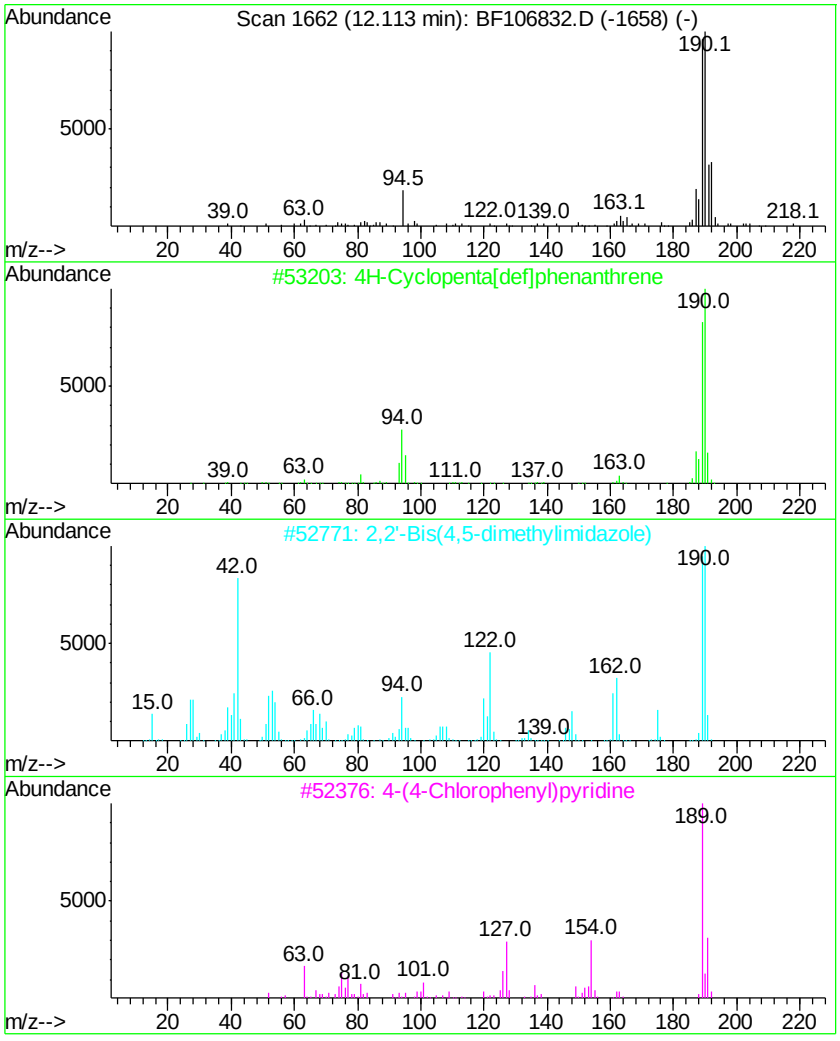
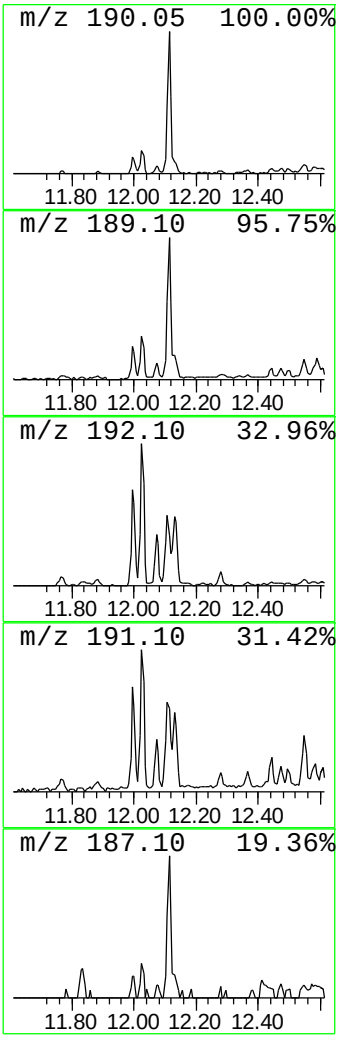
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.72 ng	116473	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	25
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	16





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Operator : JU/SJ
Sample : J3642-05
Misc :
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Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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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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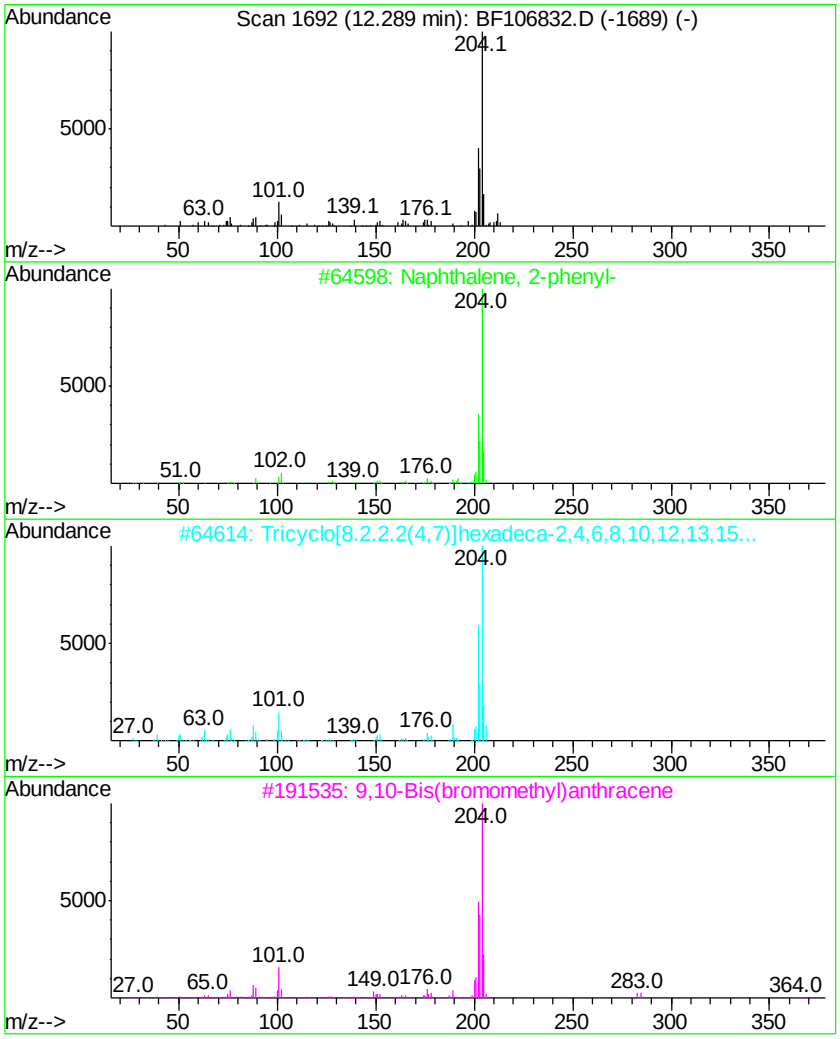
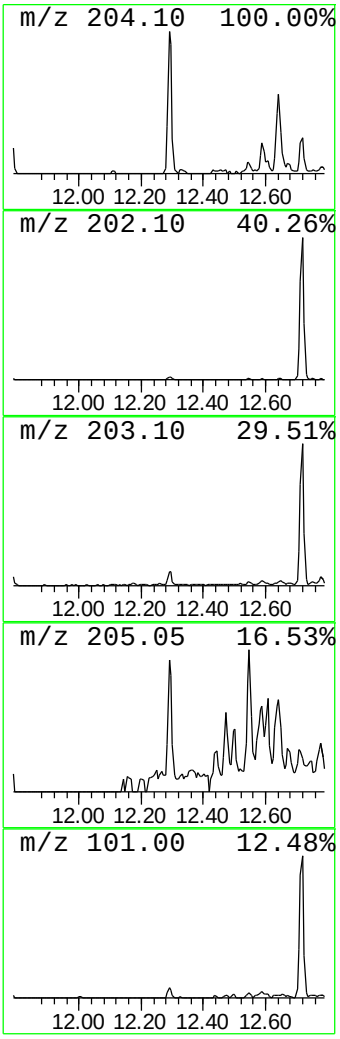
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.90 ng	58862	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Sample : J3642-05
Misc :
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TIC Library : C:\DATABASE\NIST11.L
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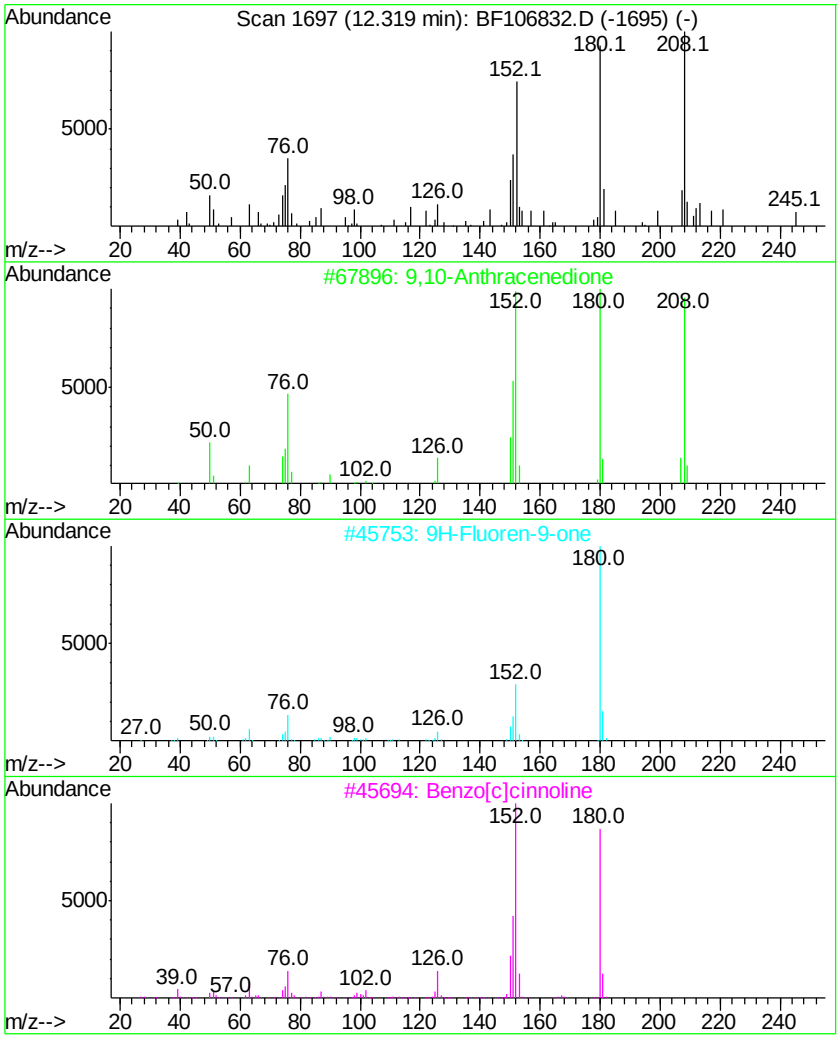
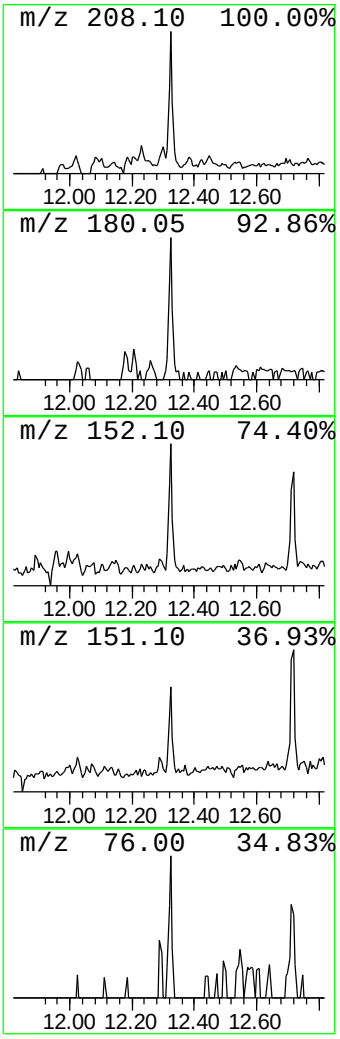
Peak Number 11 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.43 ng	36661	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46





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Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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

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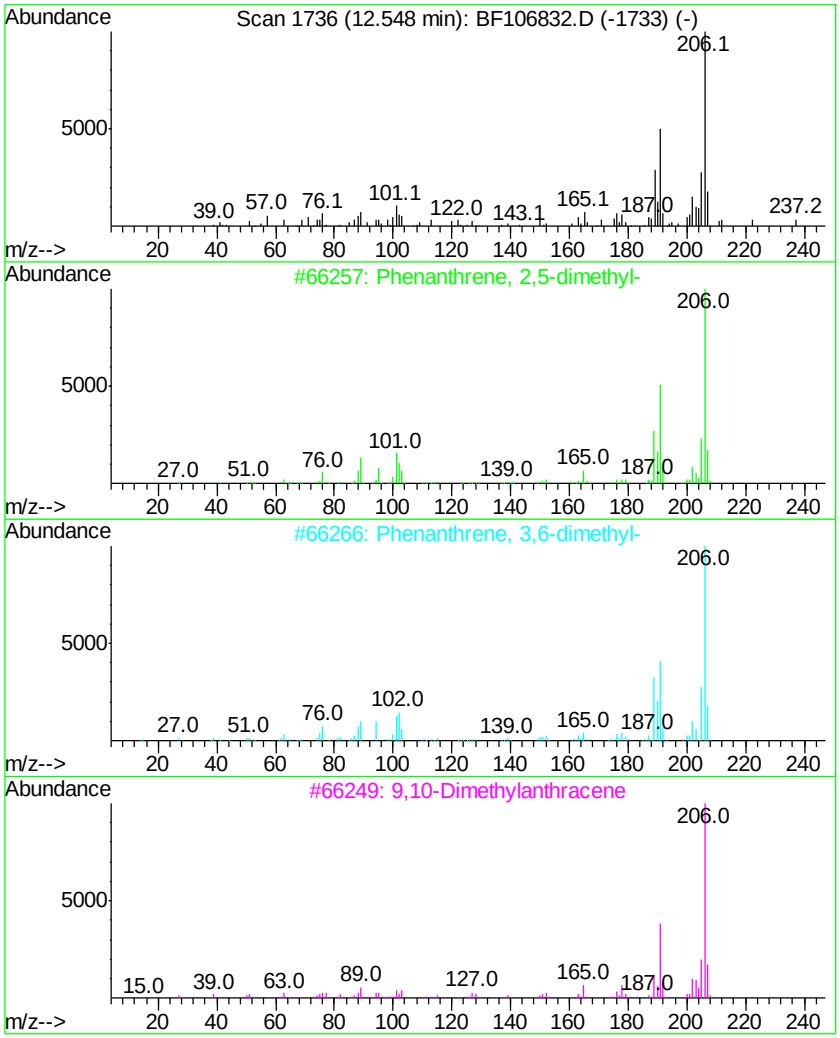
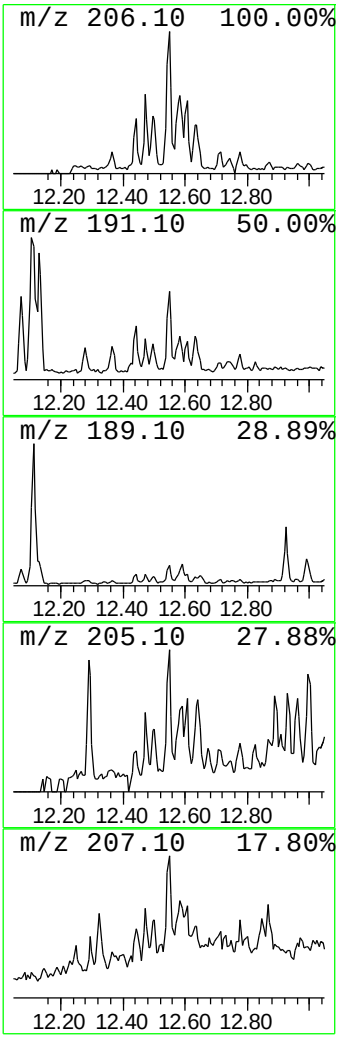
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.35 ng	65683	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	74





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Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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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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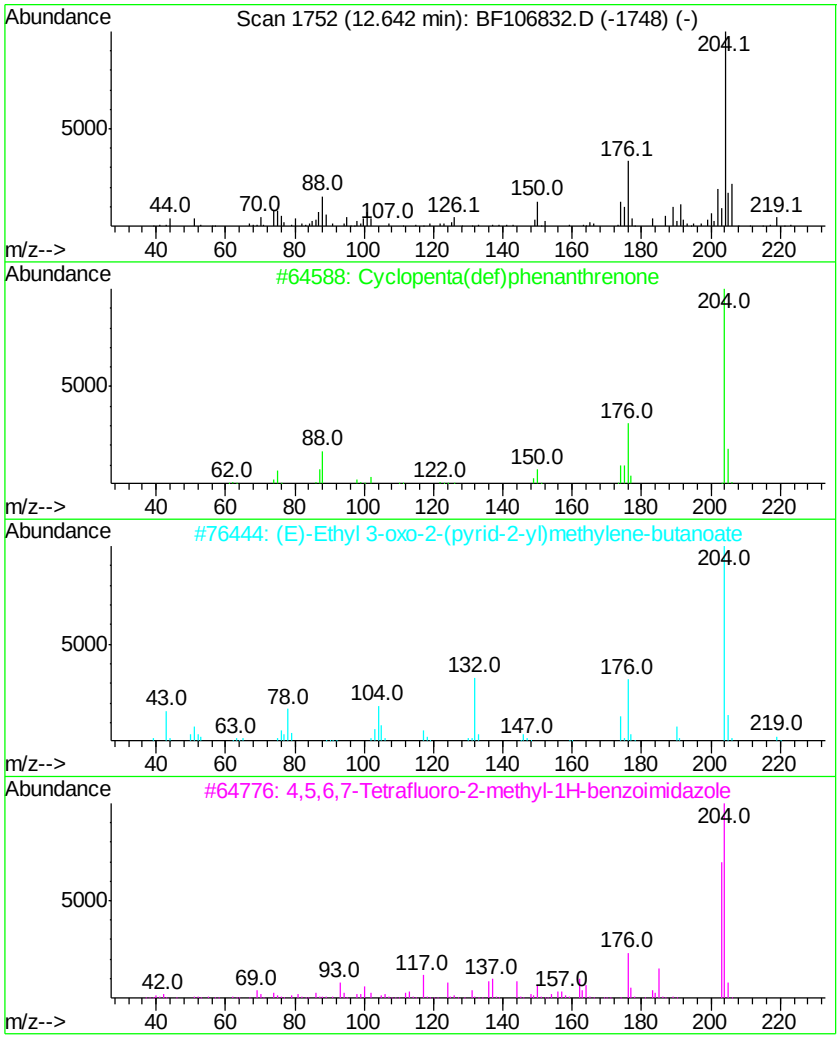
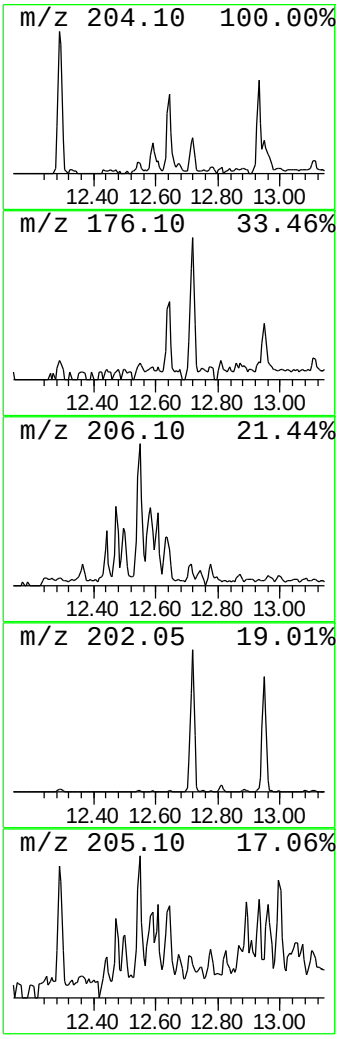
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.76 ng	56663	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	49
3	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	47
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	47
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46





Library Search Compound Report

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Operator : JU/SJ
Sample : J3642-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

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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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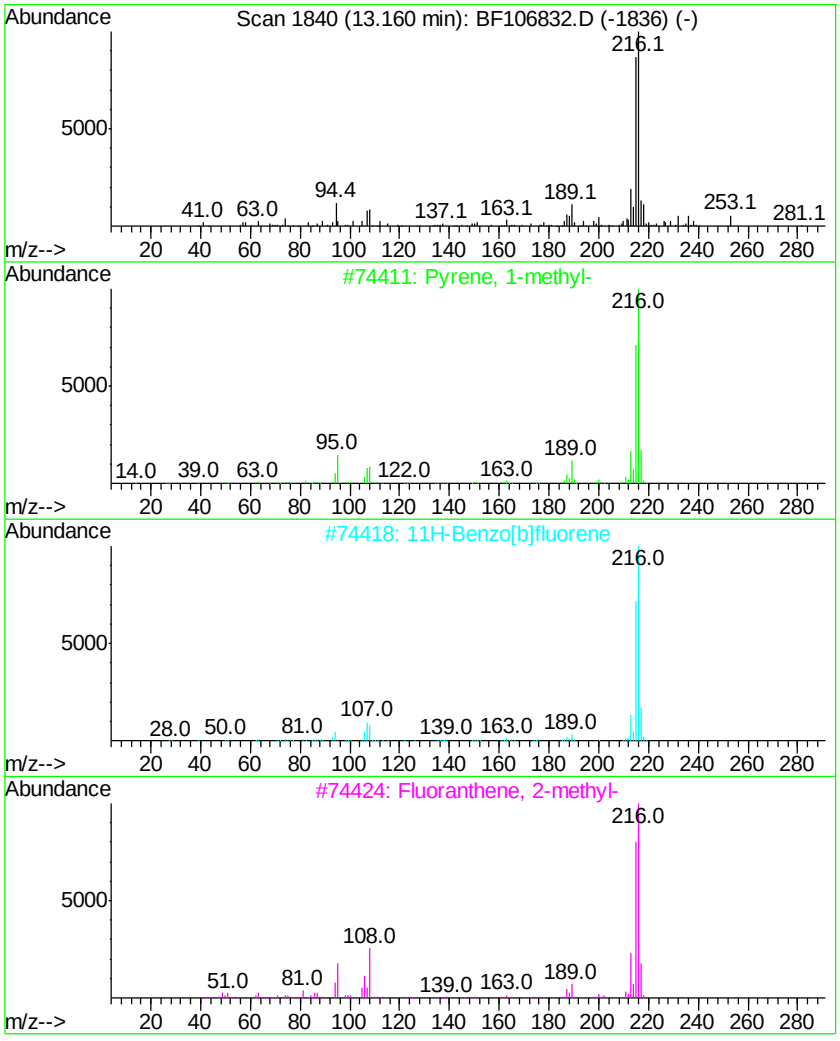
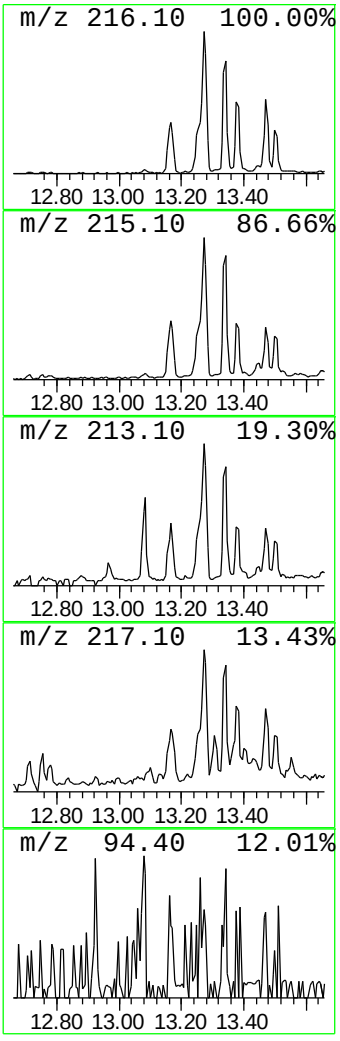
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.29 ng	90582	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : J3642-05
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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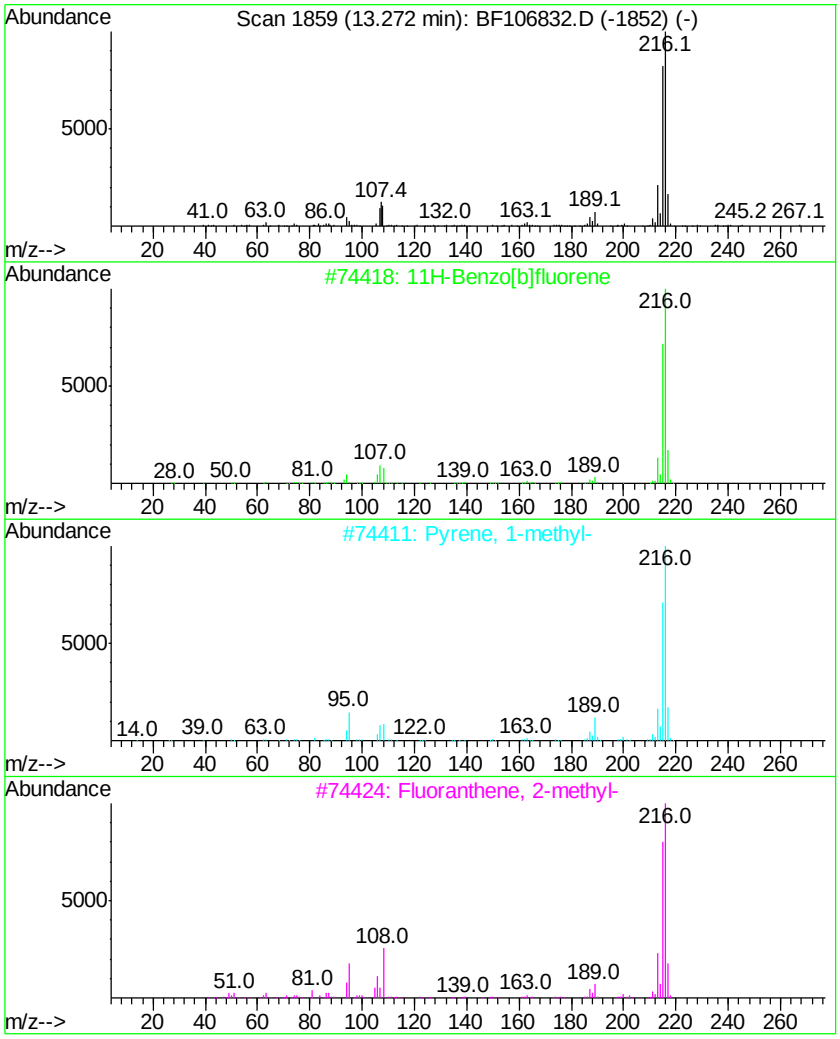
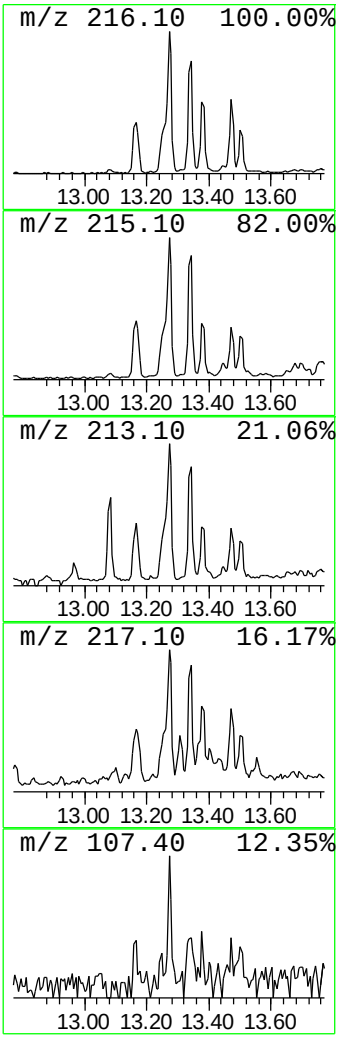
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.89 ng	189523	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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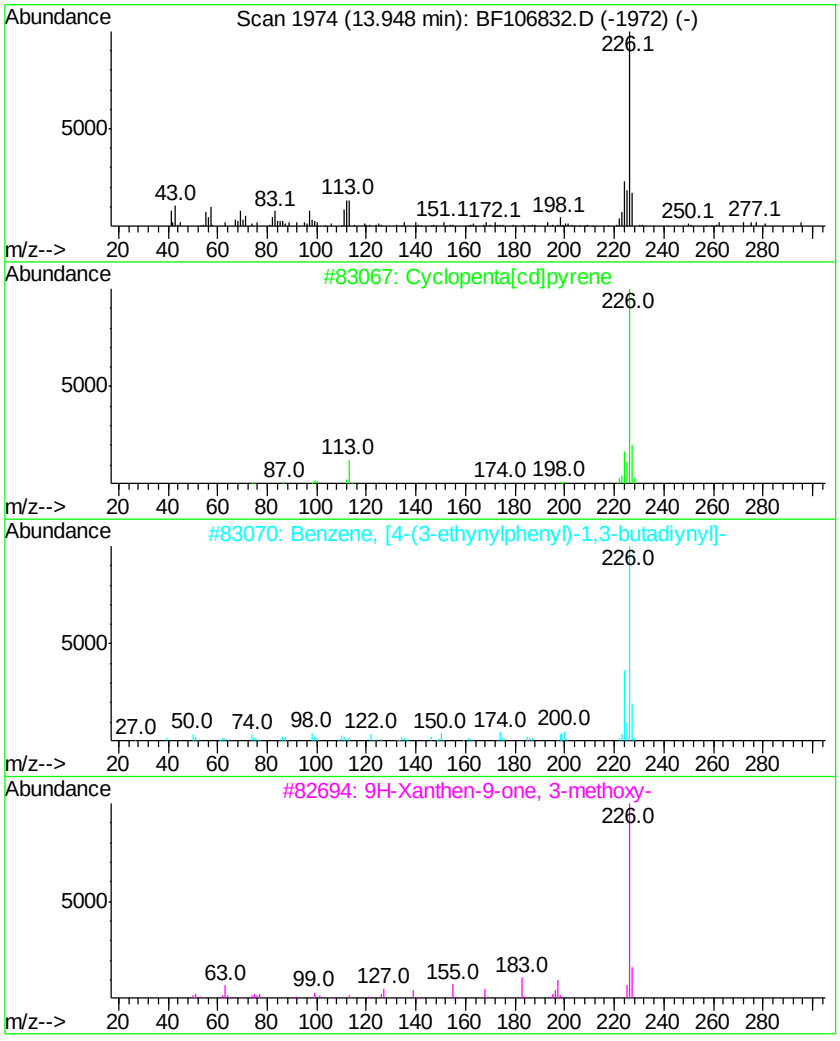
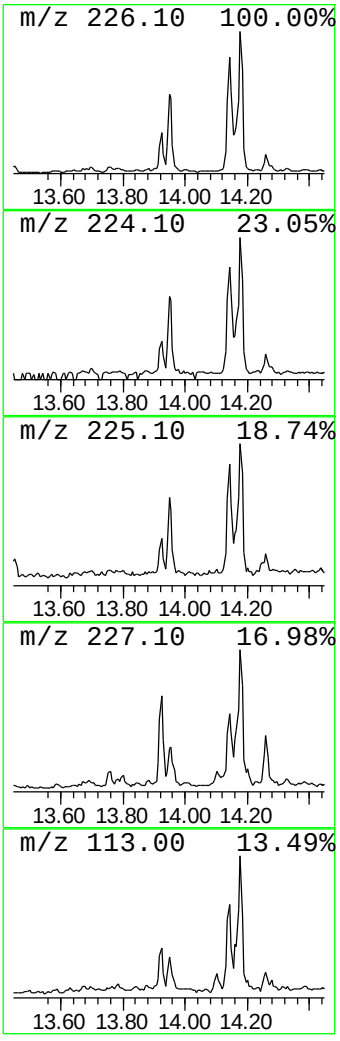
Peak Number 18 unknown13.95 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.92 ng	107803	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	43





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Sample : J3642-05
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ClientSampleId : TEST-PIT-2

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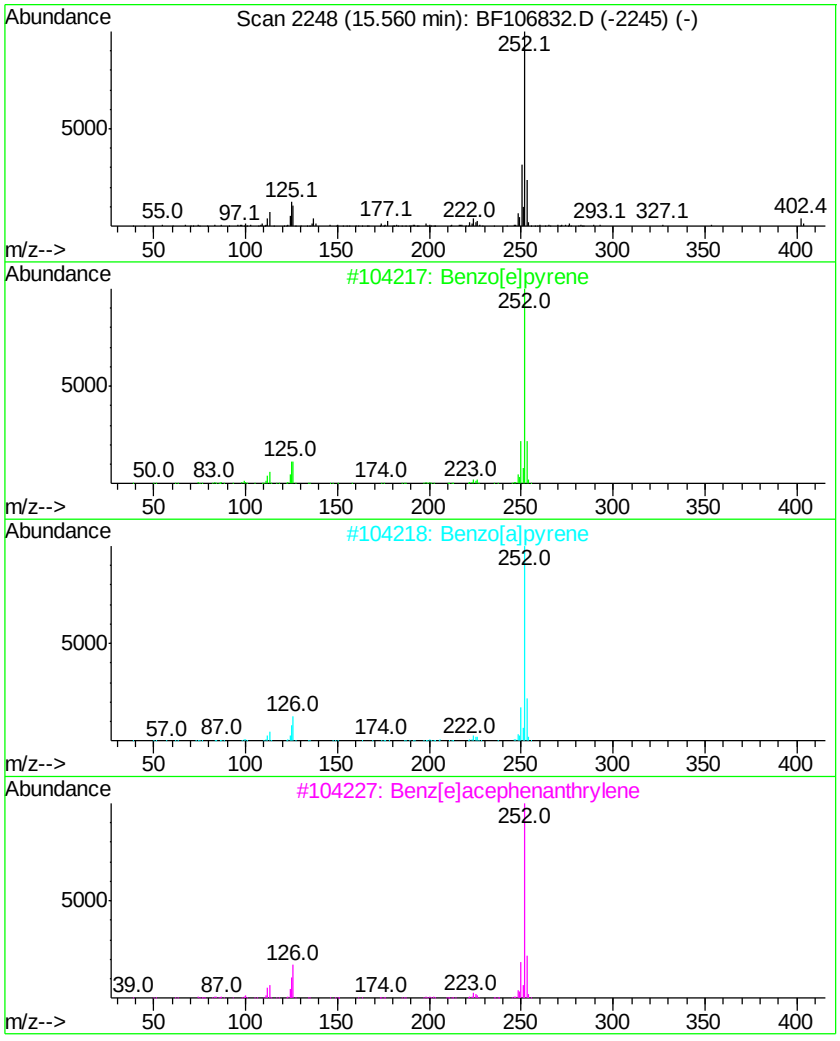
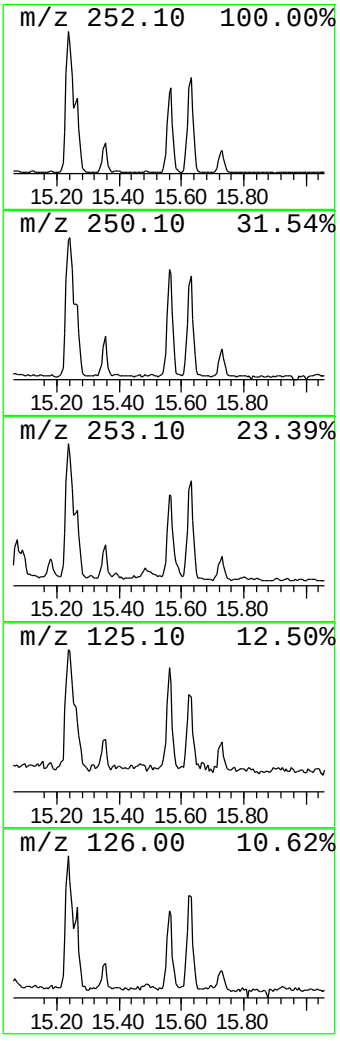
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	15.22 ng	139016	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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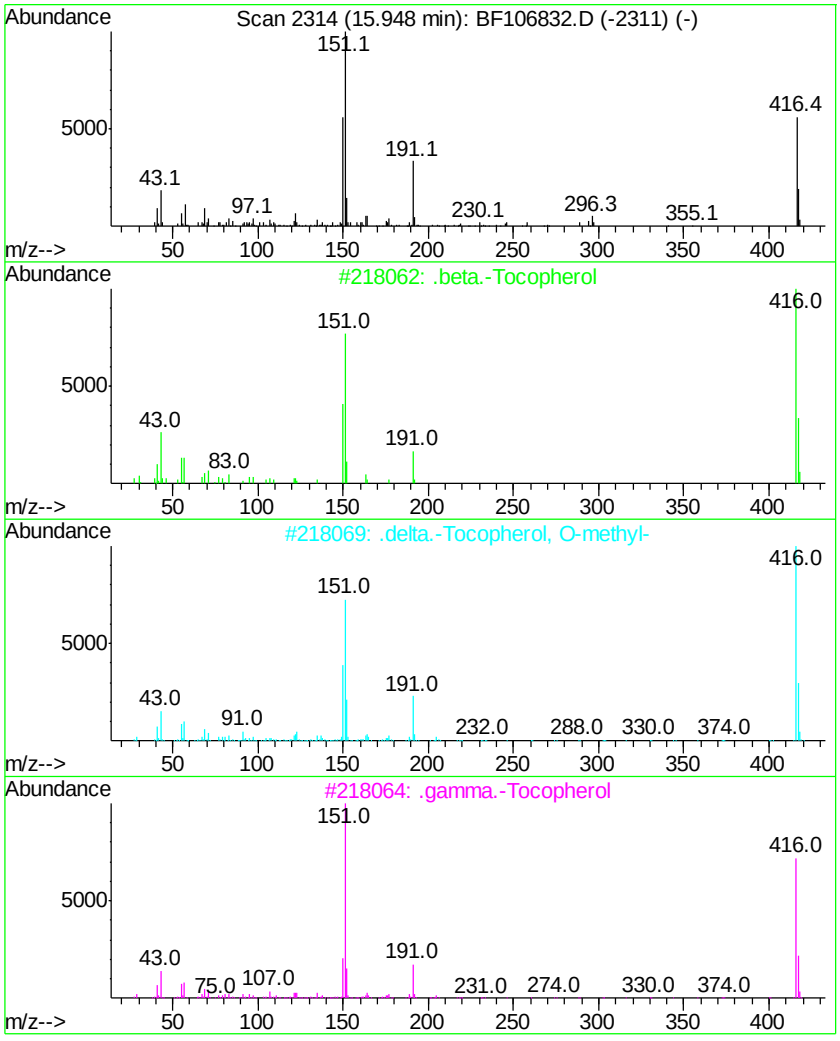
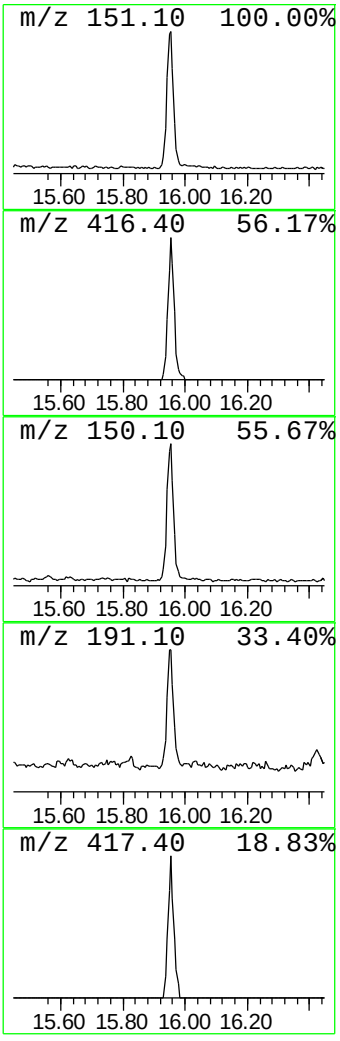
Peak Number 20 .beta.-Tocopherol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	20.04 ng	183123	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Tocopherol	416	C28H48O2	000148-03-8	95
2	.delta.-Tocopherol, O-methyl-	416	C28H48O2	1000374-72-8	93
3	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	90
4	N,N'-Bis(3-methoxyfluoren-9-ylid...	416	C28H20N2O2	1000210-76-6	47
5	4-Ethylbenzoic acid, octadecyl e...	402	C27H46O2	1000292-35-1	47





Tentatively Identified Compound (LSC) summary

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Data File : BF106832.D
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	5.7	ng	70641	1	6.96	246754	20.0
unknown6.74	6.74	67.9	ng	837493	1	6.96	246754	20.0
Dodecane	10.41	3.8	ng	51929	3	10.00	271038	20.0
Hexadecane	10.88	5.0	ng	75478	4	11.50	301760	20.0
Perimidine, 2-ethyl-	11.34	2.5	ng	37040	4	11.50	301760	20.0
Phenanthrene, 1-m...	12.00	5.9	ng	88878	4	11.50	301760	20.0
4H-Cyclopenta[def...	12.11	7.7	ng	116473	4	11.50	301760	20.0
Naphthalene, 2-ph...	12.29	3.9	ng	58862	4	11.50	301760	20.0
9,10-Anthracenedione	12.32	2.4	ng	36661	4	11.50	301760	20.0
Phenanthrene, 2,5...	12.55	4.3	ng	65683	4	11.50	301760	20.0
Cyclopenta(def)ph...	12.64	3.8	ng	56663	4	11.50	301760	20.0
Pyrene, 1-methyl-	13.16	3.3	ng	90582	5	14.15	549942	20.0
11H-Benzo[b]fluorene	13.27	6.9	ng	189523	5	14.15	549942	20.0
unknown13.95	13.95	3.9	ng	107803	5	14.15	549942	20.0
Benzo[e]pyrene	15.56	15.2	ng	139016	6	15.69	182721	20.0
.beta.-Tocopherol	15.95	20.0	ng	183123	6	15.69	182721	20.0