LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108141.D
Acq On : 14 Aug 2018 13:39
Operator : JU/SJ
Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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-BF080818.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	5.243	491	494	501	rBV	172362	201193	11.76%	0.390%
2	5.637	555	561	565	rBV	1016660	872925	51.04%	1.692%
3	6.625	726	729	734	rBV	958247	901012	52.69%	1.746%
4	6.784	752	756	763	rVB	1104893	927047	54.21%	1.797%
5	7.019	792	796	799	rVB	1389177	1117426	65.34%	2.166%
6	7.172	819	822	828	rVB	827844	716306	41.89%	1.388%
7	7.542	880	885	887	rBV3	122816	159826	9.35%	0.310%
8	7.578	887	891	896	rVV	586644	645816	37.76%	1.252%
9	8.036	965	969	971	rBV	276551	251009	14.68%	0.487%
10	8.166	988	991	994	rBV	130504	131421	7.68%	0.255%
11	8.301	1011	1014	1019	rVV	1446547	1262056	73.80%	2.446%
12	8.342	1019	1021	1024	rVB	679348	527556	30.85%	1.023%
13	8.383	1024	1028	1034	rBV3	182608	249629	14.60%	0.484%
14	8.501	1045	1048	1052	rVB	217873	207069	12.11%	0.401%
15	8.583	1058	1062	1066	rVB5	362606	423148	24.74%	0.820%
16	8.707	1080	1083	1085	rVB	627599	530568	31.02%	1.028%
17	8.736	1085	1088	1091	rBV2	149545	155970	9.12%	0.302%
18	8.801	1097	1099	1101	rBV2	169743	162286	9.49%	0.315%
19	8.836	1102	1105	1107	rBV2	180510	129900	7.60%	0.252%
20	8.972	1125	1128	1132	rVB	283354	255155	14.92%	0.495%
21	9.160	1158	1160	1161	rBV2	171580	131777	7.71%	0.255%
22	9.201	1164	1167	1170	rVB3	278848	316776	18.52%	0.614%
23	9.242	1170	1174	1177	rBV4	105305	127455	7.45%	0.247%
24	9.283	1177	1181	1182	rBV2	231355	224703	13.14%	0.436%
25	9.307	1182	1185	1187	rVB	779823	582068	34.04%	1.128%
26	9.372	1193	1196	1201	rBV	995504	868286	50.77%	1.683%
27	9.454	1205	1210	1213	rBV3	307514	397170	23.22%	0.770%
28	9.636	1238	1241	1246	rBV	681655	952208	55.68%	1.846%
29	9.719	1251	1255	1257	rVV	856629	965274	56.44%	1.871%
30	9.748	1257	1260	1261	rVV	708010	672714	39.34%	1.304%
31	9.766	1261	1263	1266	rVV3	929187	780501	45.64%	1.513%
32	9.836	1270	1275	1277	rBV2	350732	474642	27.75%	0.920%
33	9.854	1277	1278	1280	rVV	245163	131622	7.70%	0.255%
34	9.925	1283	1290	1292	rBV3	360957	411831	24.08%	0.798%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.013	1303	1305	1308	rBV2	135010	144149	8.43%	0.279%
36	10.066	1311	1314	1317	rVV	1218803	1020429	59.67%	1.978%
37	10.166	1327	1331	1335	rBV	539365	819639	47.93%	1.589%
38	10.207	1335	1338	1341	rBV2	272746	283272	16.56%	0.549%
39	10.260	1344	1347	1350	rVB	853994	832205	48.66%	1.613%
40	10.307	1350	1355	1358	rBV3	816548	859932	50.28%	1.667%
41	10.377	1364	1367	1370	rBV	696215	717960	41.98%	1.392%
42	10.407	1370	1372	1378	rVB2	728392	661229	38.67%	1.282%
43	10.472	1378	1383	1385	rBV3	587993	754408	44.11%	1.462%
44	10.560	1396	1398	1401	rVB2	199248	147232	8.61%	0.285%
45	10.607	1404	1406	1408	rVV	225921	214835	12.56%	0.416%
46	10.630	1408	1410	1414	rVV3	267376	261669	15.30%	0.507%
47	10.695	1417	1421	1424	rVV3	579542	842216	49.25%	1.632%
48	10.719	1424	1425	1429	rVB2	308730	264283	15.45%	0.512%
49	10.754	1429	1431	1433	rBV2	254659	257888	15.08%	0.500%
50	10.825	1439	1443	1446	rBV4	194781	296217	17.32%	0.574%
51	10.854	1446	1448	1452	rVV3	630399	626877	36.66%	1.215%
52	10.889	1452	1454	1462	rVB3	333145	403819	23.61%	0.783%
53	10.977	1464	1469	1474	rVB3	462752	780481	45.64%	1.513%
54	11.054	1479	1482	1484	rBV	420915	382726	22.38%	0.742%
55	11.095	1484	1489	1491	rVV3	122597	191021	11.17%	0.370%
56	11.195	1504	1506	1509	rBV2	466358	402016	23.51%	0.779%
57	11.283	1518	1521	1522	rBV2	246588	250333	14.64%	0.485%
58	11.307	1522	1525	1526	rVV2	201246	210595	12.31%	0.408%
59	11.360	1531	1534	1537	rBV3	246568	226880	13.27%	0.440%
60	11.460	1548	1551	1559	rVB5	313503	507482	29.67%	0.984%
61	11.566	1565	1569	1571	rBV	986005	903214	52.82%	1.751%
62	11.589	1571	1573	1575	rVB	374365	295831	17.30%	0.573%
63	11.672	1583	1587	1589	rBV2	404148	471170	27.55%	0.913%
64	11.713	1592	1594	1598	rVB4	182232	209574	12.25%	0.406%
65	11.789	1604	1607	1610	rBV4	295444	307419	17.98%	0.596%
66	11.895	1619	1625	1634	rVB4	541462	1028411	60.14%	1.993%
67	11.977	1636	1639	1642	rBV	284217	317871	18.59%	0.616%
68	12.066	1651	1654	1656	rBV	538112	515572	30.15%	0.999%
69	12.095	1656	1659	1664	rVV2	916771	1083701	63.37%	2.100%
70	12.142	1664	1667	1670	rVV2	368881	507249	29.66%	0.983%
71	12.177	1670	1673	1675	rVV3	637384	758894	44.38%	1.471%

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Sample : J4460-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.201	1675	1677	1681	rVB2	493491	481270	28.14%	0.933%
73	12.301	1691	1694	1697	rVB2	301772	312018	18.25%	0.605%
74	12.360	1701	1704	1706	rBV	263279	257947	15.08%	0.500%
75	12.495	1724	1727	1728	rBV	216084	211890	12.39%	0.411%
76	12.513	1728	1730	1733	rVV2	450615	432248	25.28%	0.838%
77	12.542	1733	1735	1737	rVV	645451	526167	30.77%	1.020%
78	12.566	1737	1739	1742	rVB2	459774	401610	23.48%	0.778%
79	12.619	1745	1748	1751	rBV	1266650	1251012	73.15%	2.425%
80	12.654	1751	1754	1756	rVV	547614	618694	36.18%	1.199%
81	12.677	1756	1758	1760	rVB	387799	282029	16.49%	0.547%
82	12.701	1760	1762	1766	rBV	332919	410338	23.99%	0.795%
83	12.736	1766	1768	1773	rVB2	406859	388405	22.71%	0.753%
84	12.783	1773	1776	1780	rBV	898711	926013	54.15%	1.795%
85	12.824	1780	1783	1785	rBV	207063	191649	11.21%	0.371%
86	12.936	1800	1802	1804	rBV2	262755	194072	11.35%	0.376%
87	12.960	1804	1806	1810	rVB	327535	296447	17.33%	0.575%
88	13.018	1811	1816	1821	rBV2	1110533	1710135	100.00%	3.315%
89	13.066	1821	1824	1828	rBV	918046	987081	57.72%	1.913%
90	13.118	1830	1833	1835	rVV	424760	494762	28.93%	0.959%
91	13.148	1835	1838	1840	rVV2	1237560	1056240	61.76%	2.047%
92	13.171	1840	1842	1845	rVB2	348637	350551	20.50%	0.679%
93	13.336	1868	1870	1873	rVB3	328866	332399	19.44%	0.644%
94	13.395	1877	1880	1881	rBV2	255282	286132	16.73%	0.555%
95	13.448	1887	1889	1892	rVB	367288	289548	16.93%	0.561%
96	13.548	1904	1906	1908	rBV	246156	248359	14.52%	0.481%
97	13.601	1913	1915	1920	rVB	522127	497827	29.11%	0.965%
98	13.954	1973	1975	1977	rBV	310372	249953	14.62%	0.484%
99	14.224	2016	2021	2023	rBV2	1136007	1553751	90.86%	3.012%
100	15.789	2284	2287	2291	rVB	566682	731124	42.75%	1.417%

Sum of corrected areas: 51592715

LSC Report - Integrated Chromatogram

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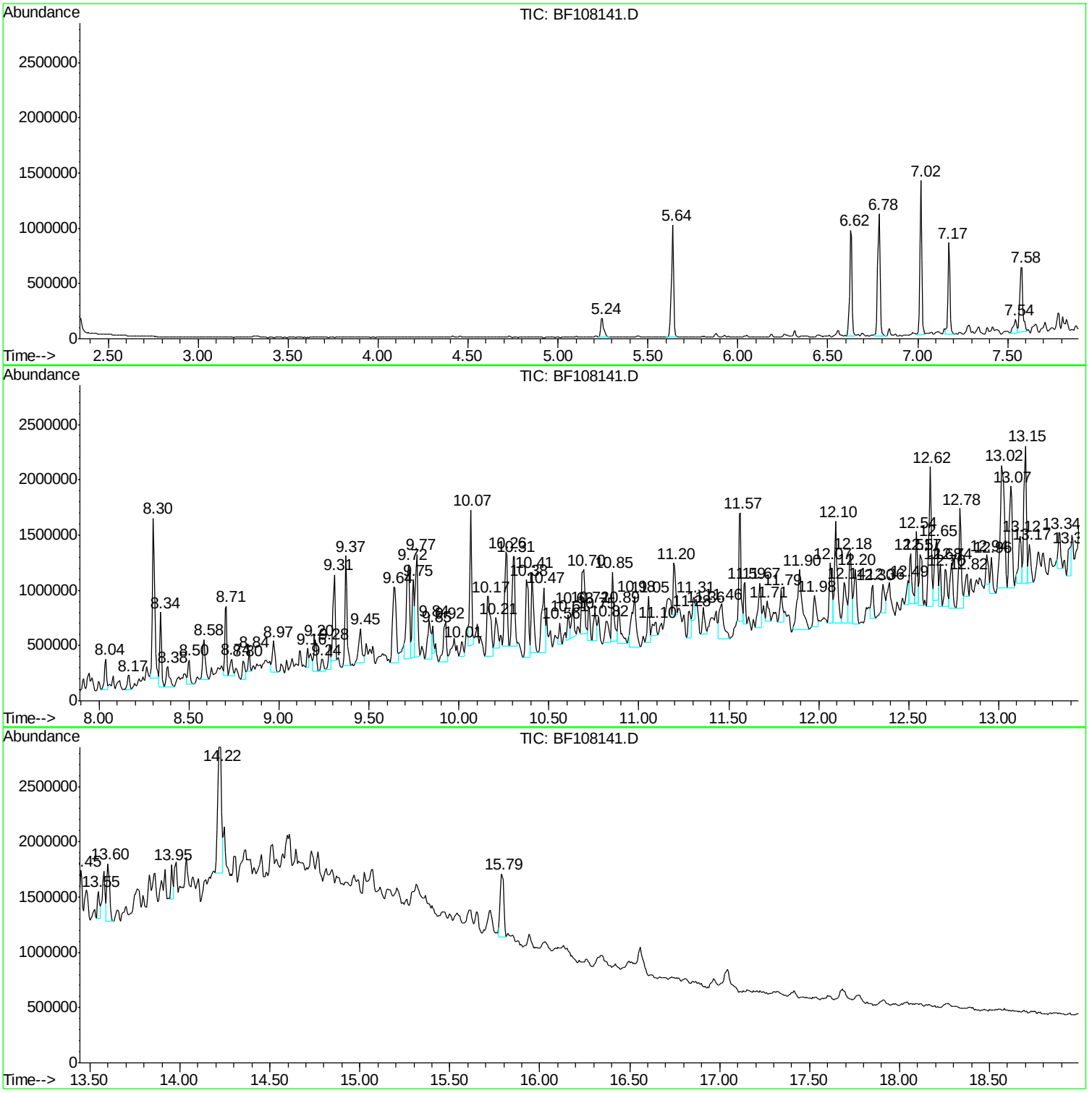
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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

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Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

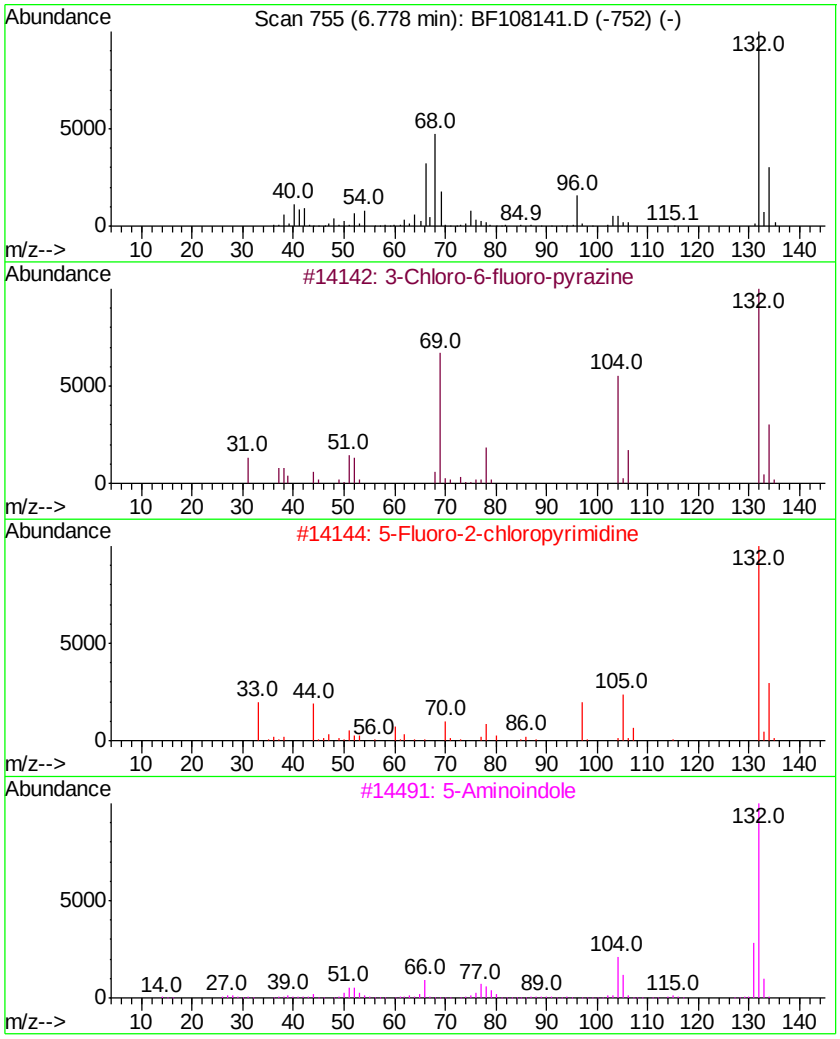
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

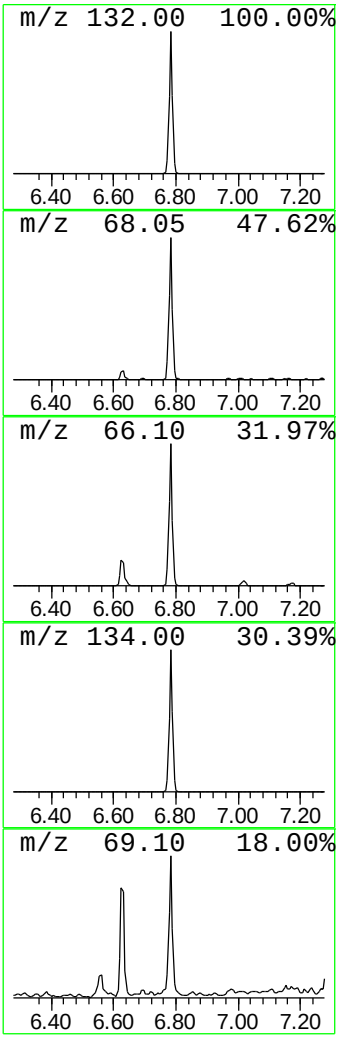
****

Peak Number 1 unknown6.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	16.59 ng	927047	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

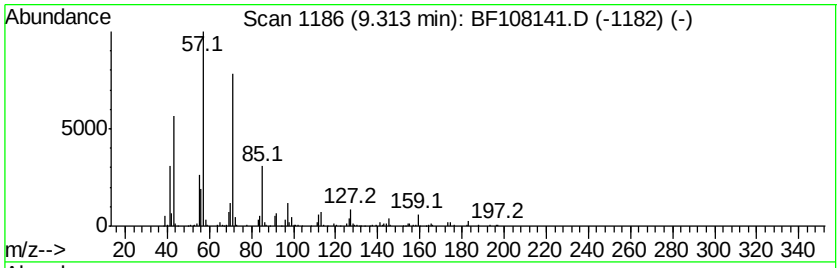
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

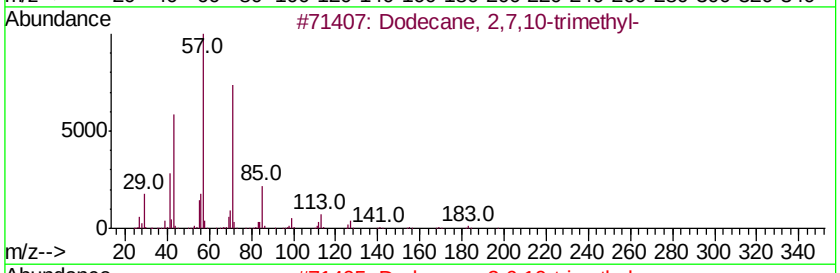
****

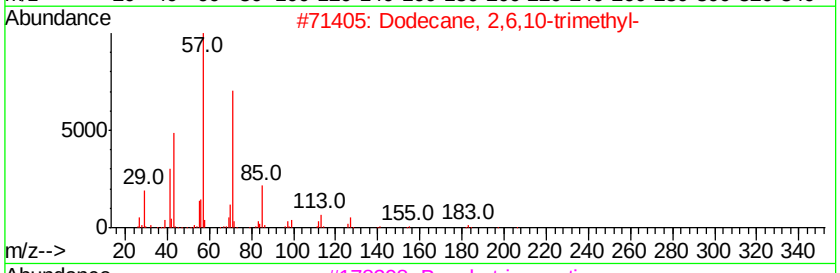
Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

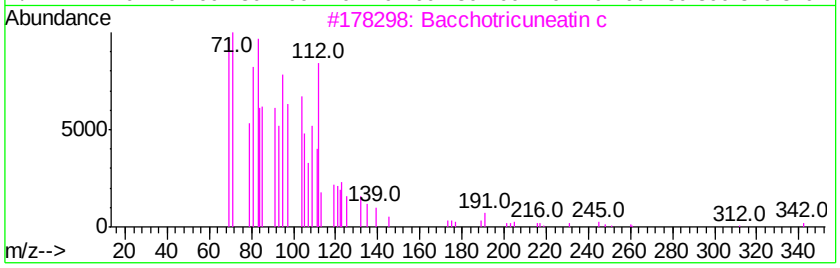
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	11.41 ng	582068	Acenaphthene-d10	10.07

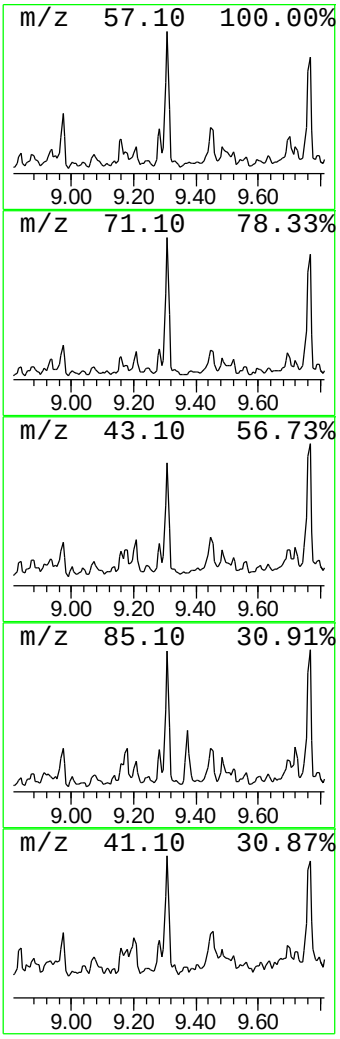
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64











Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

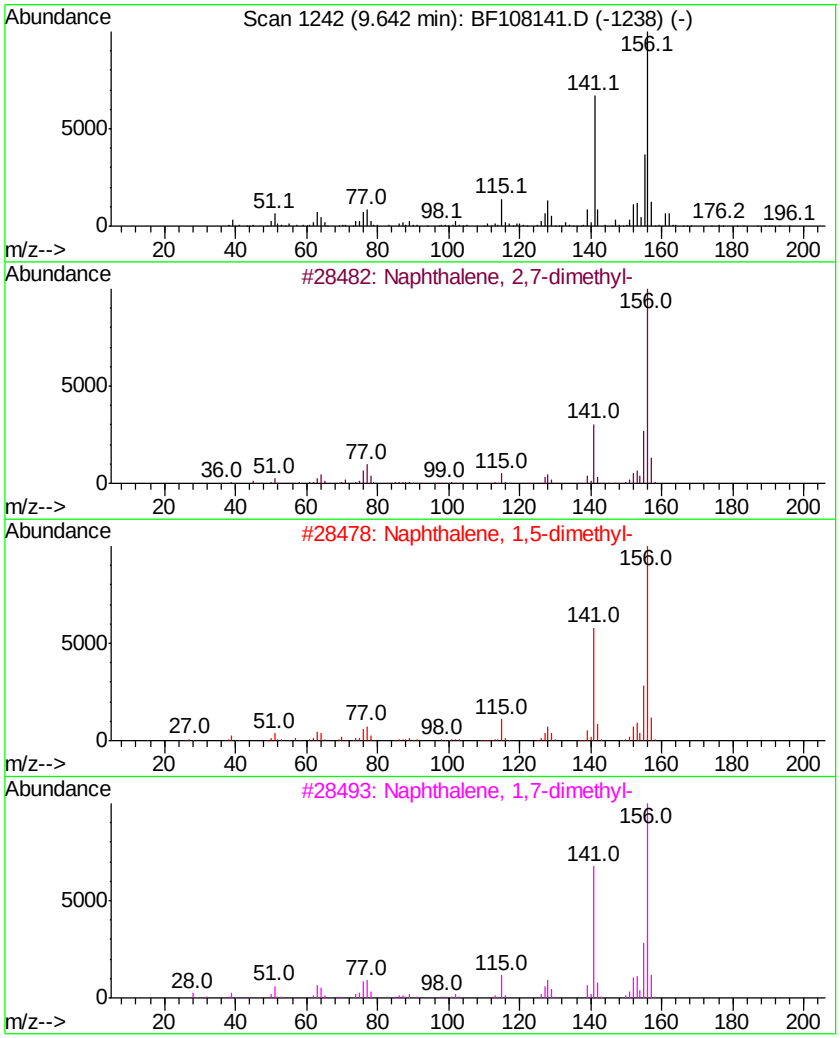
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

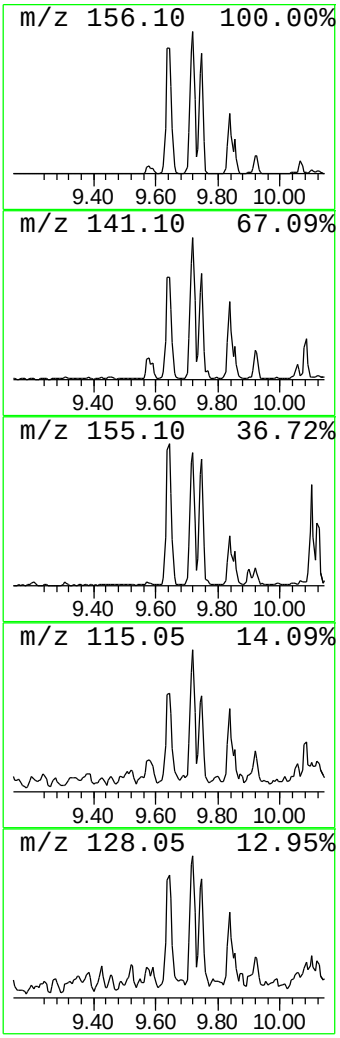
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	18.66 ng	952208	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

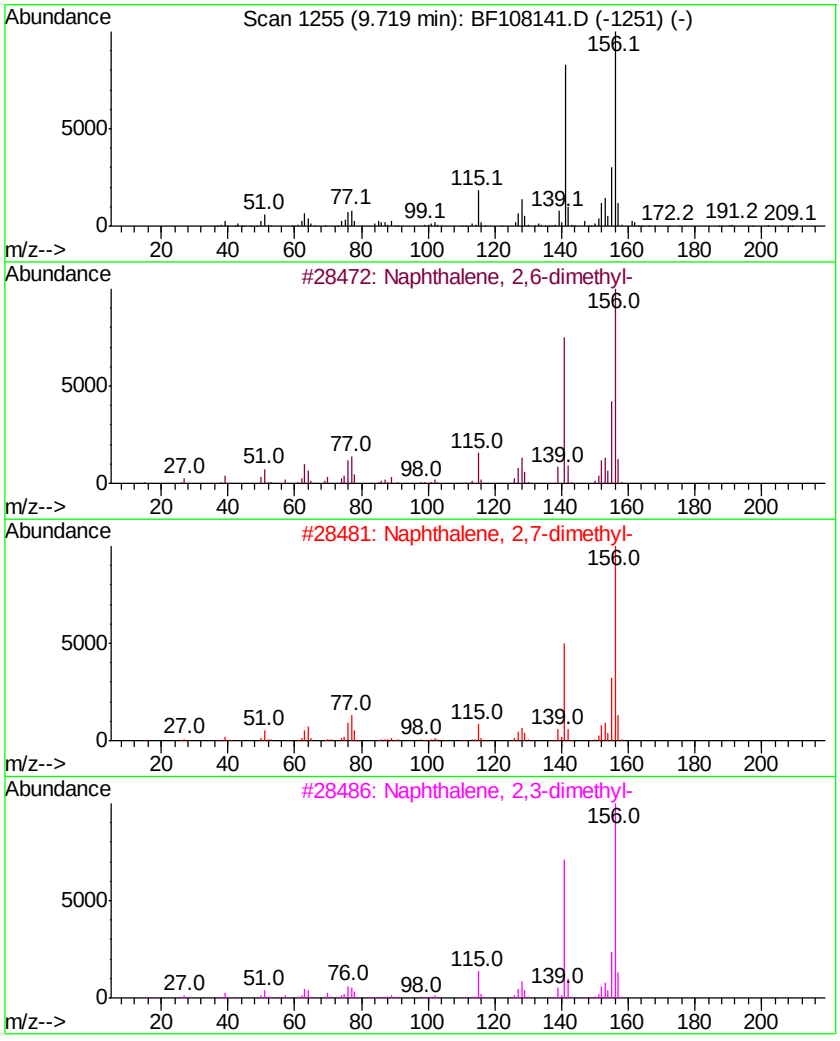
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

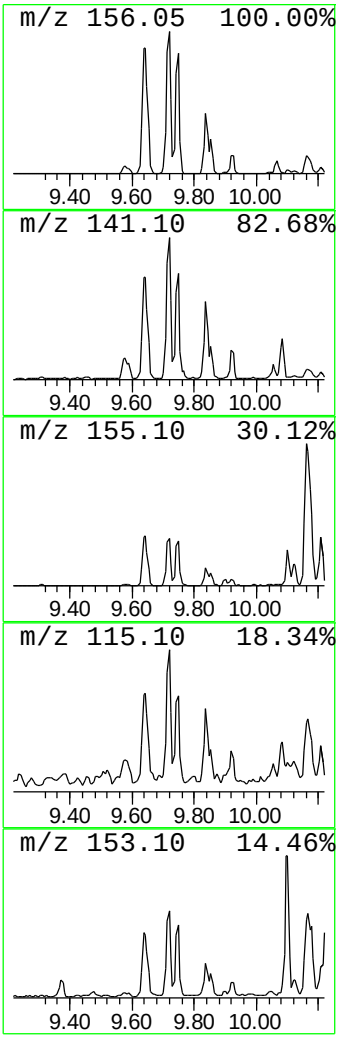
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	18.92 ng	965274	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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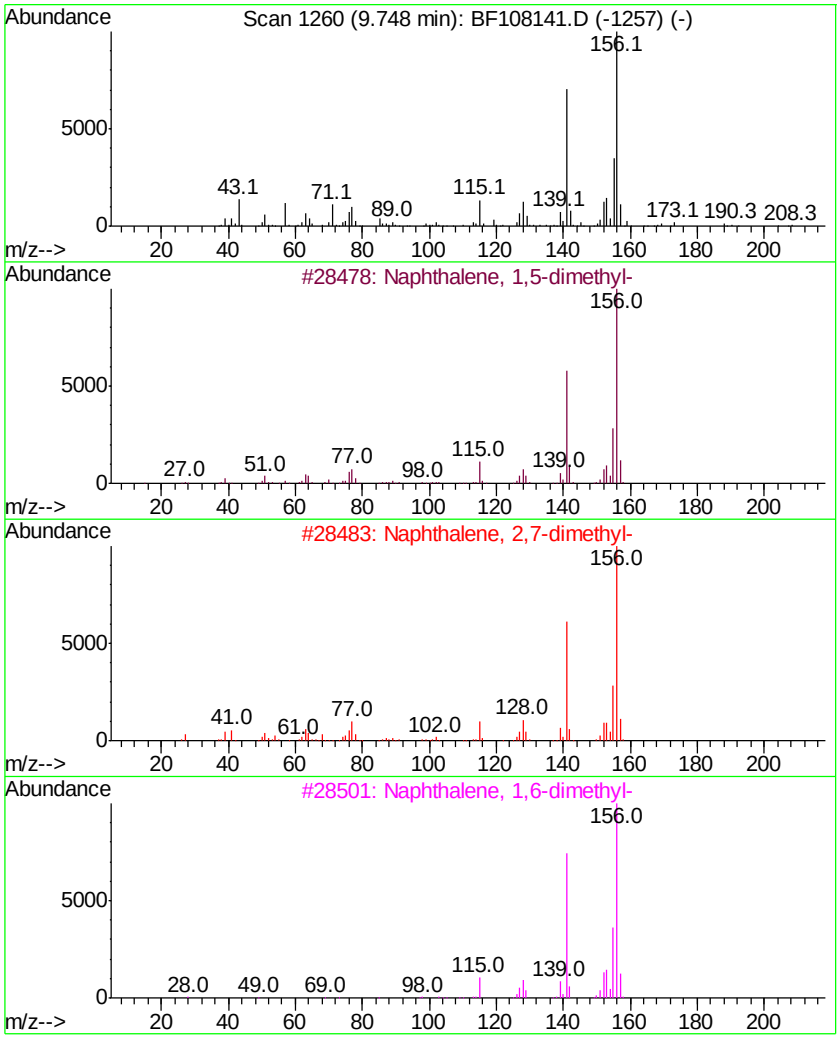
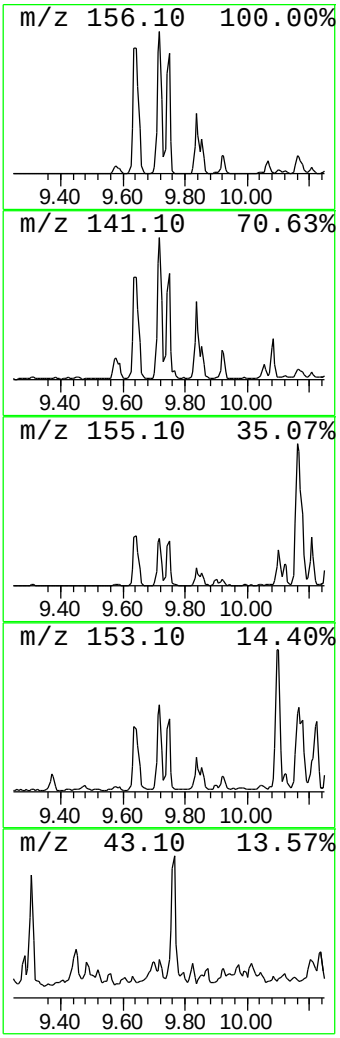
Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	13.18 ng	672714	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : JU/SJ
Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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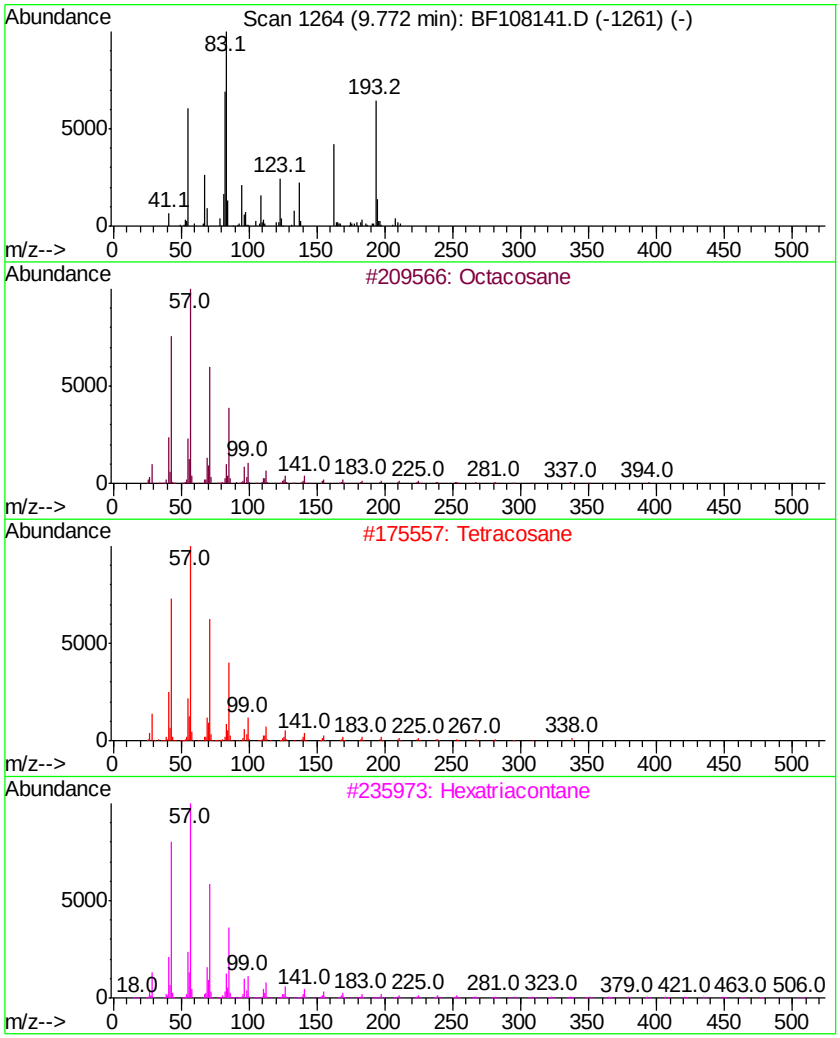
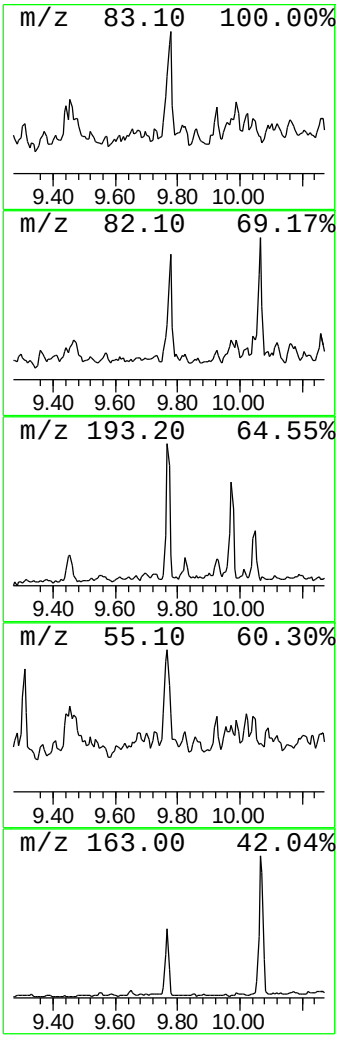
Peak Number 7 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	15.30 ng	780501	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	58
2	Tetracosane	338	C24H50	000646-31-1	50
3	Hexatriacontane	507	C36H74	000630-06-8	50
4	Pentacosane	352	C25H52	000629-99-2	50
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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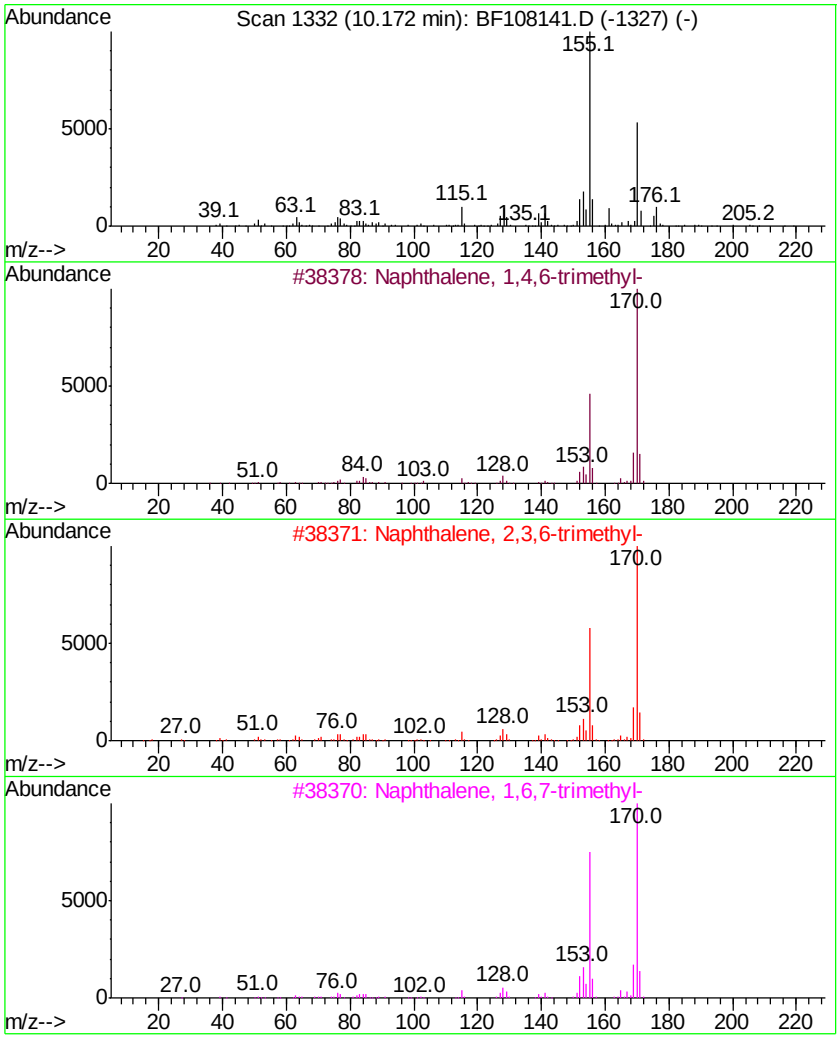
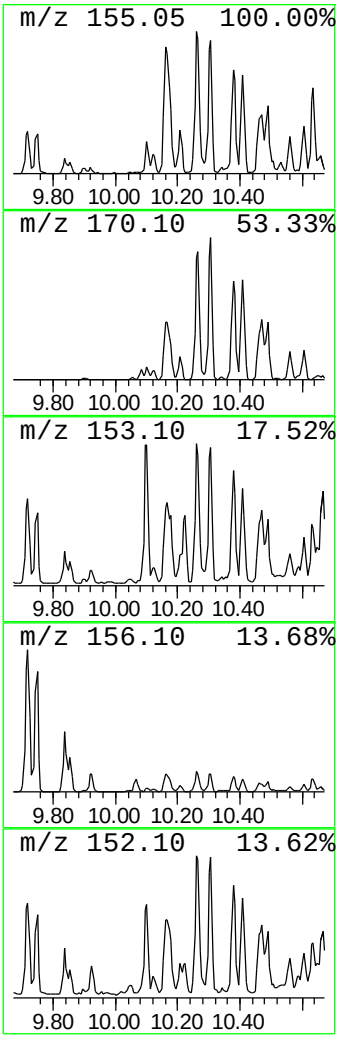
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	16.06 ng	819639	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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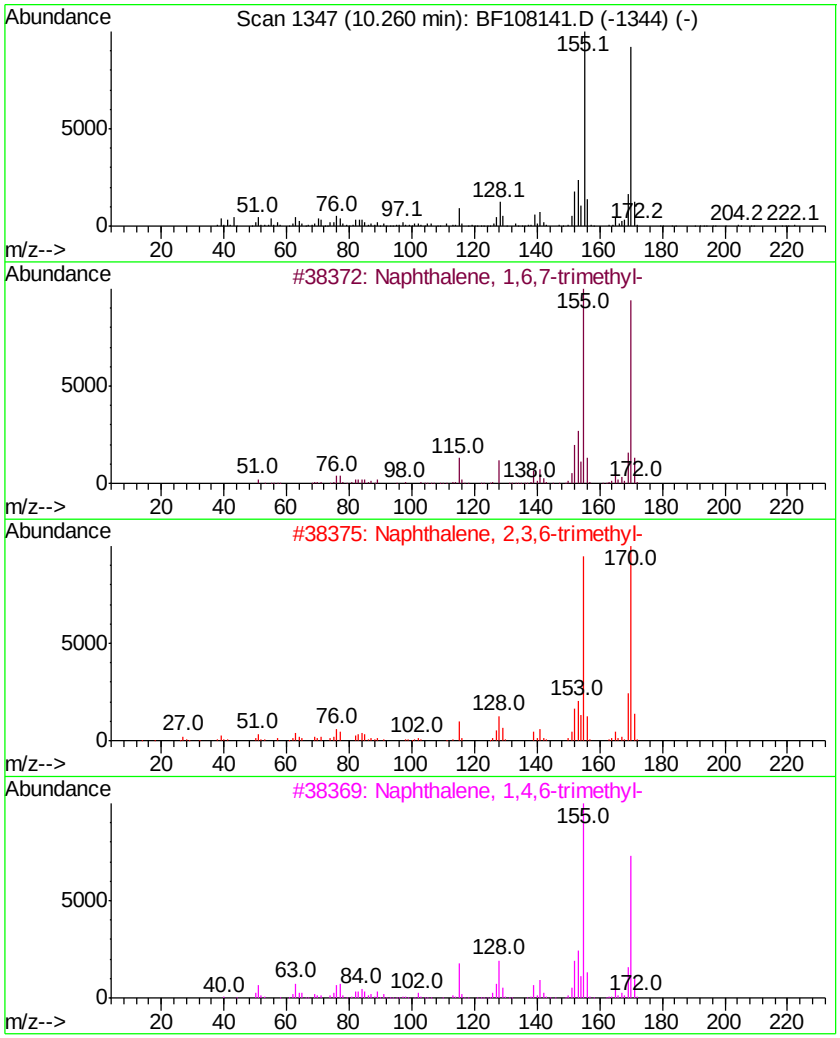
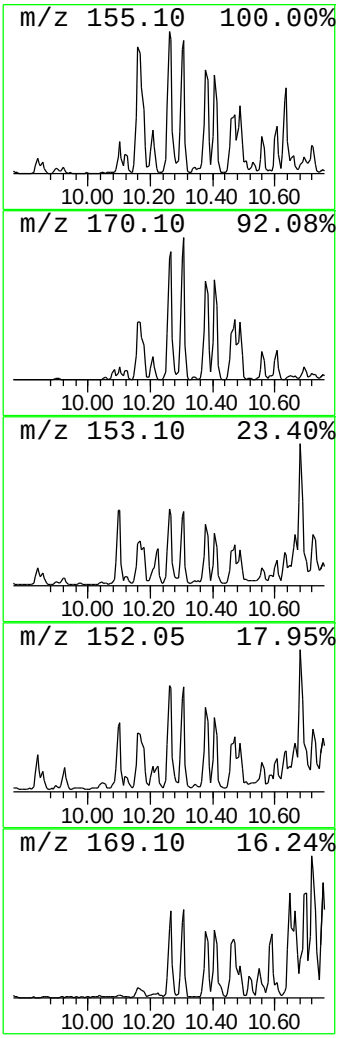
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	16.31 ng	832205	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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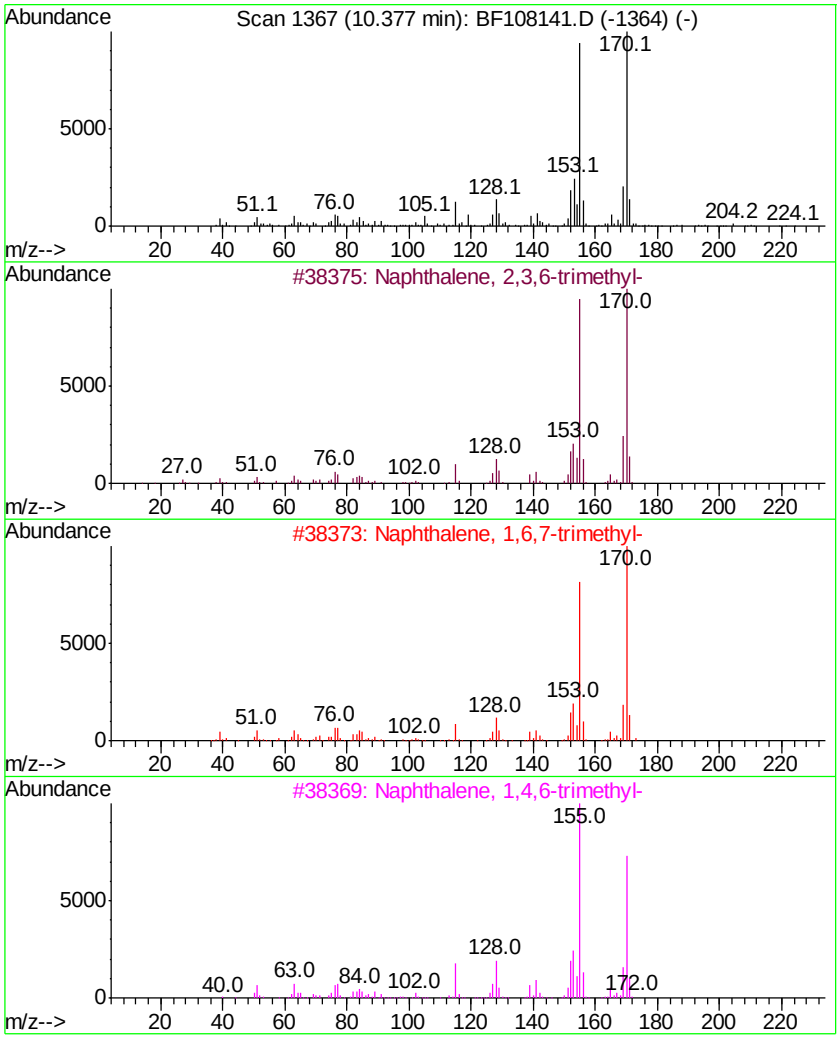
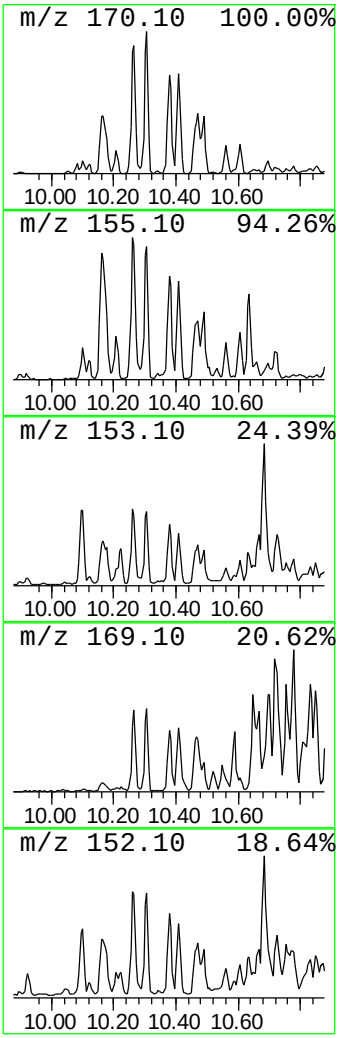
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	14.07 ng	717960	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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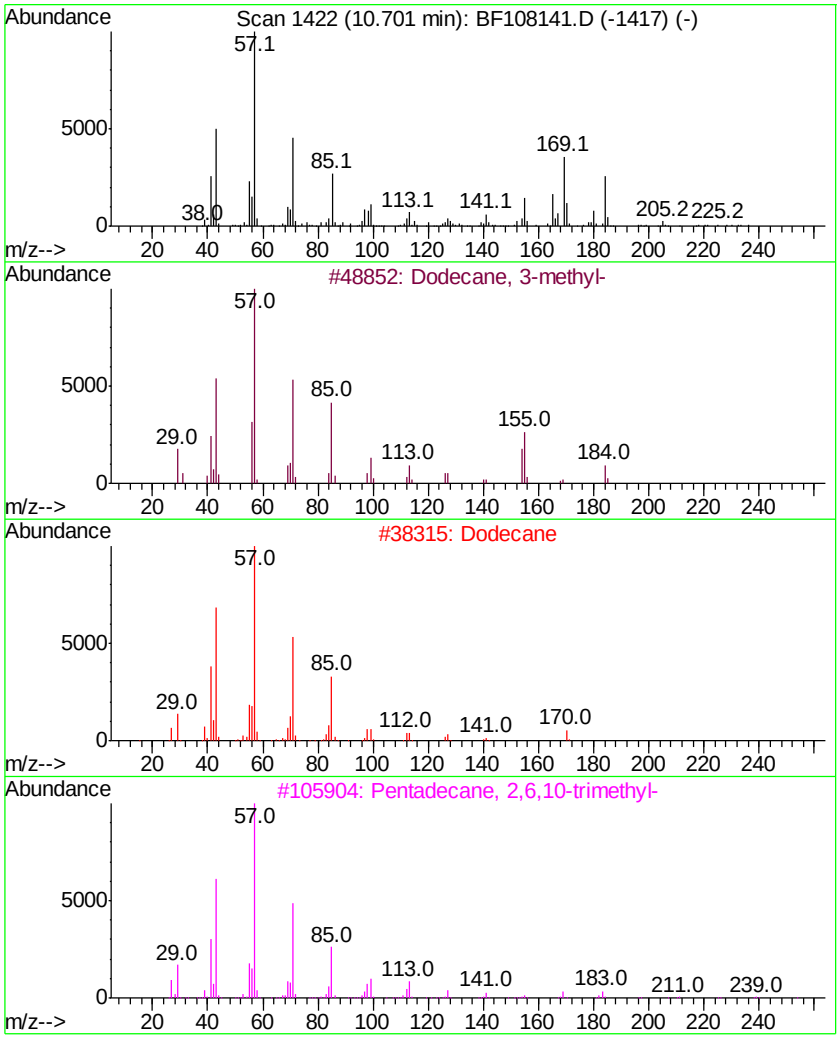
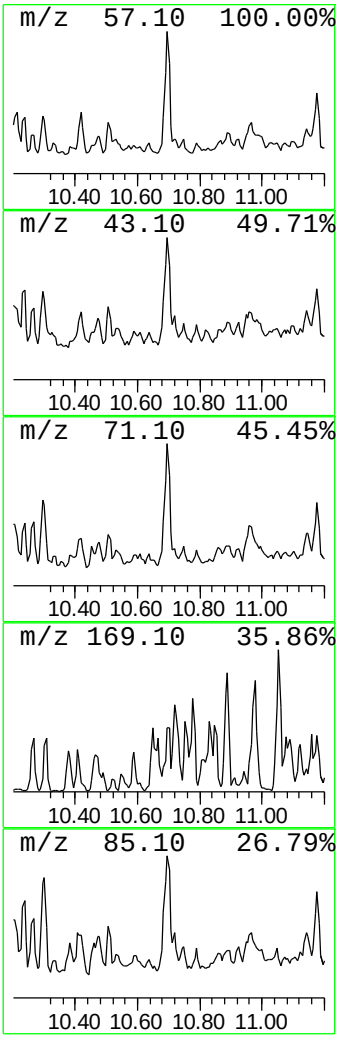
Peak Number 14 Dodecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	16.51 ng	842216	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	70
2	Dodecane	170	C12H26	000112-40-3	60
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	47
5	Pentacosane	352	C25H52	000629-99-2	46





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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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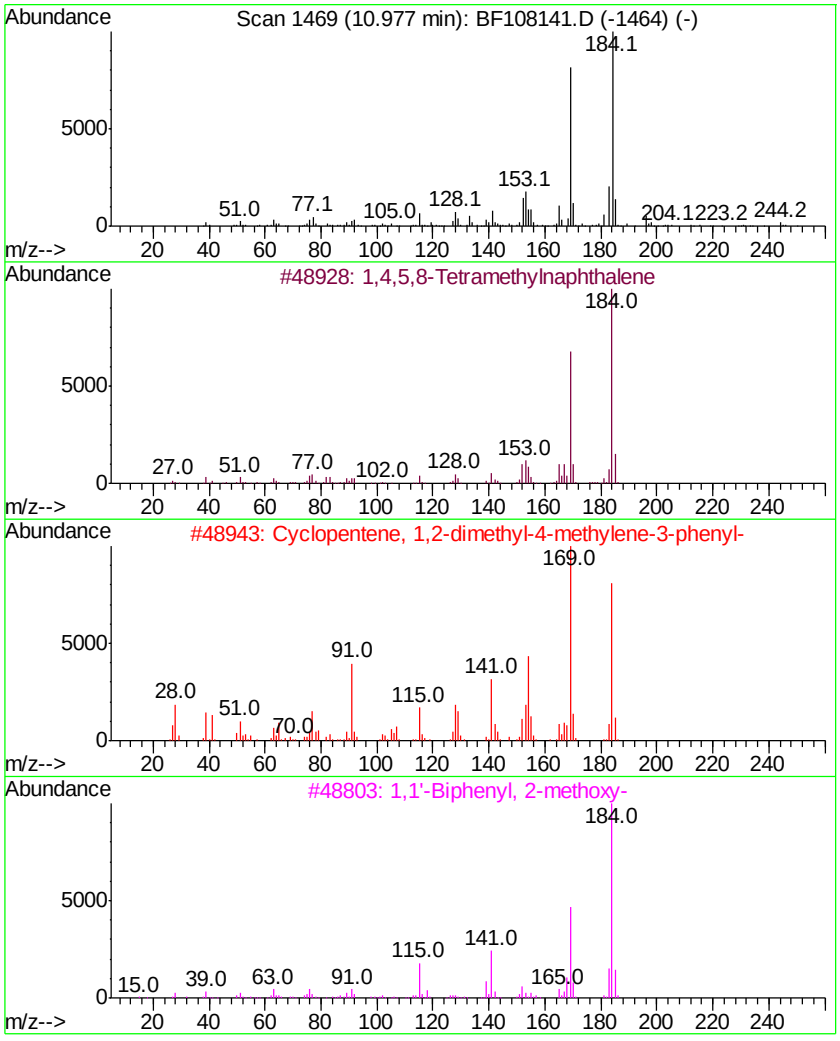
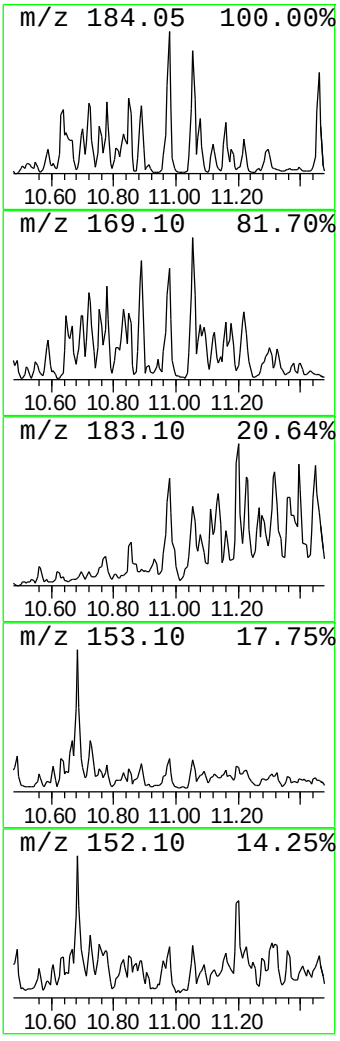
Peak Number 15 1,4,5,8-Tetramethylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	17.28 ng	780481	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	94
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	86
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	80
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	80





Library Search Compound Report

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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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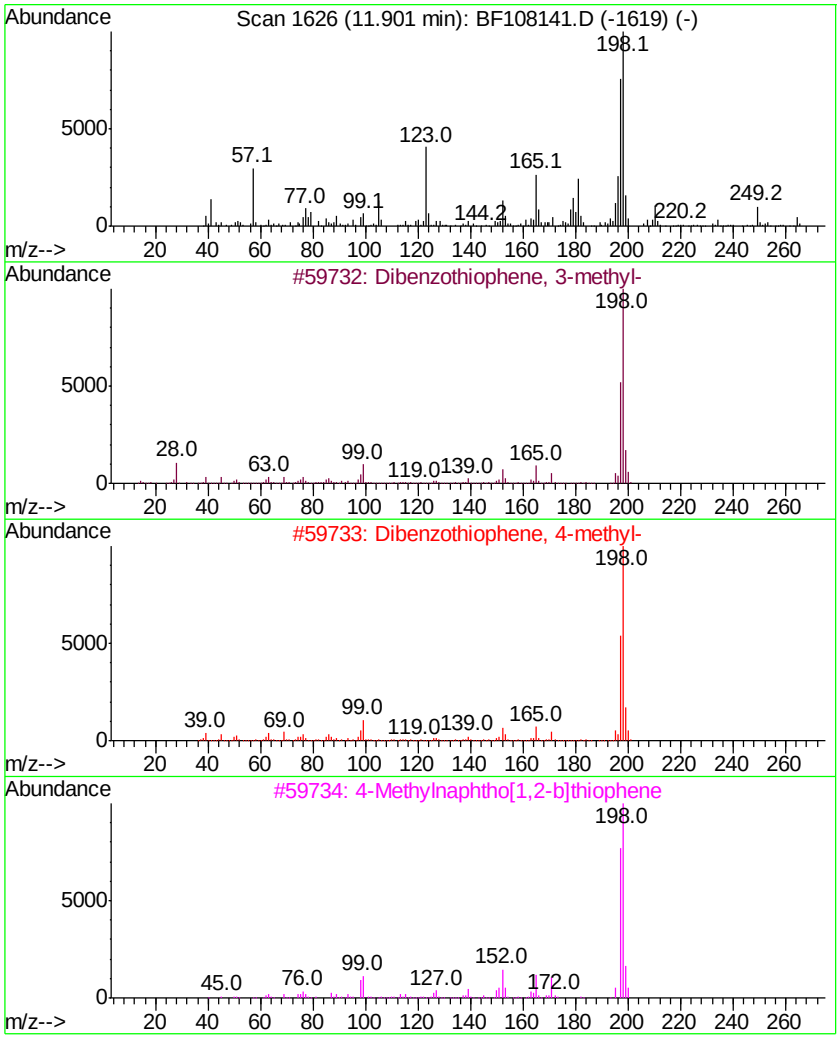
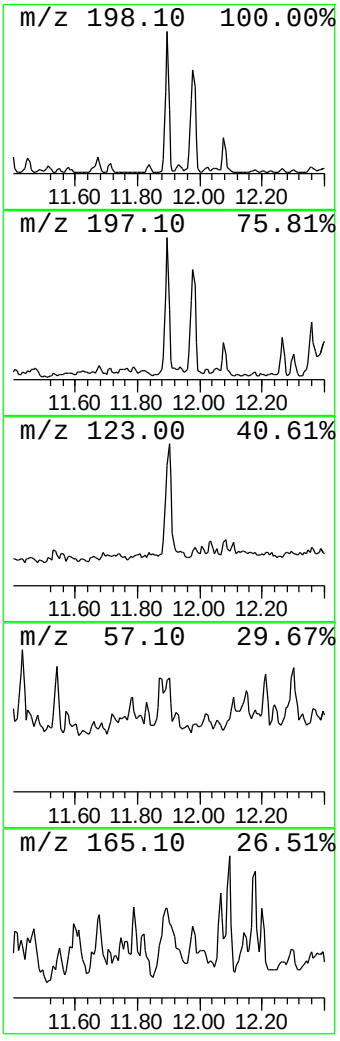
Peak Number 16 Dibenzothiophene, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	22.77 ng	1028410	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	81
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72
5	Tacrine	198	C13H14N2	000321-64-2	59





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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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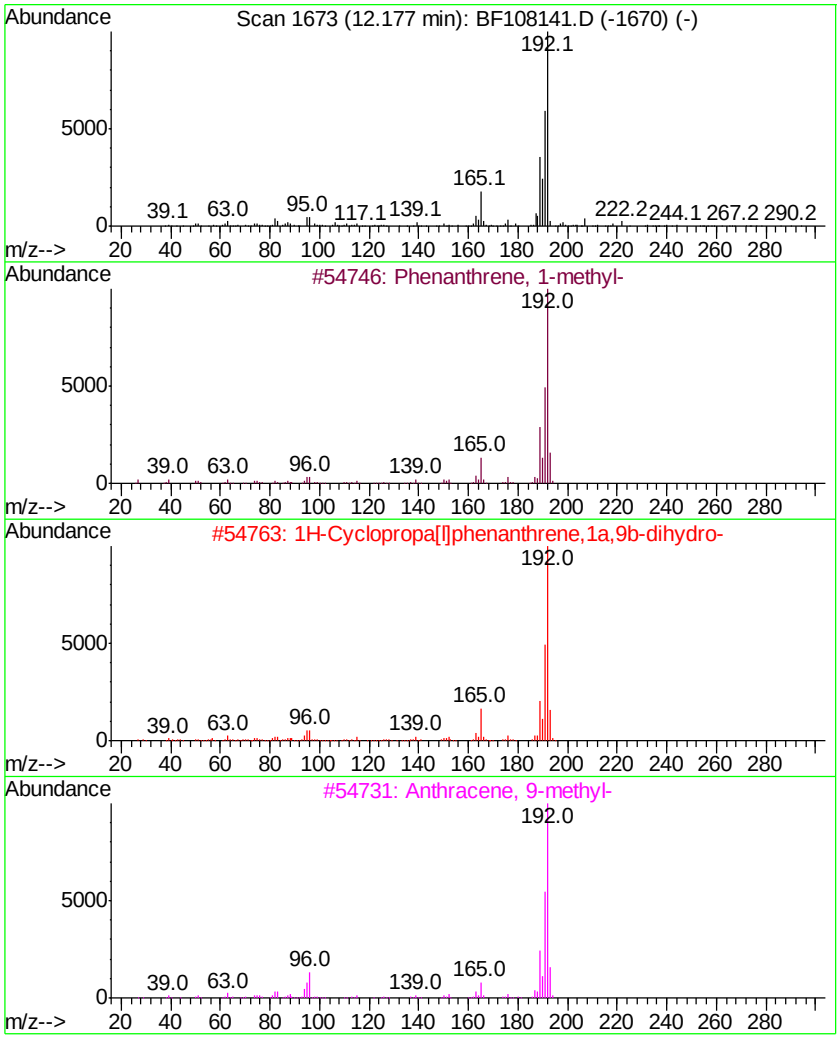
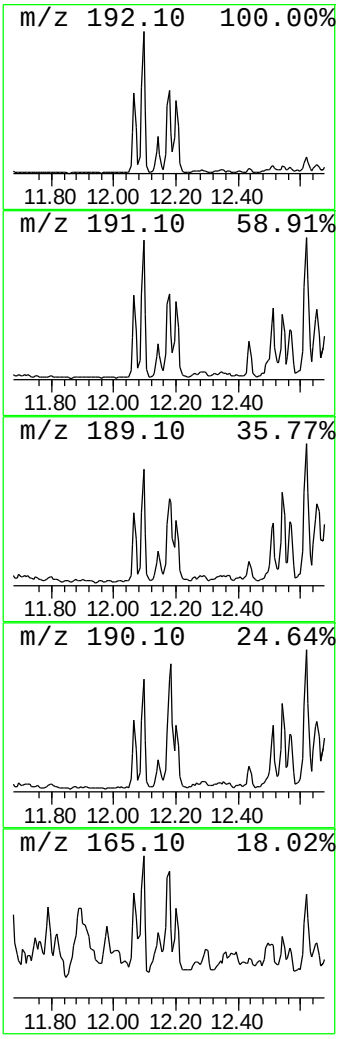
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	16.80 ng	758894	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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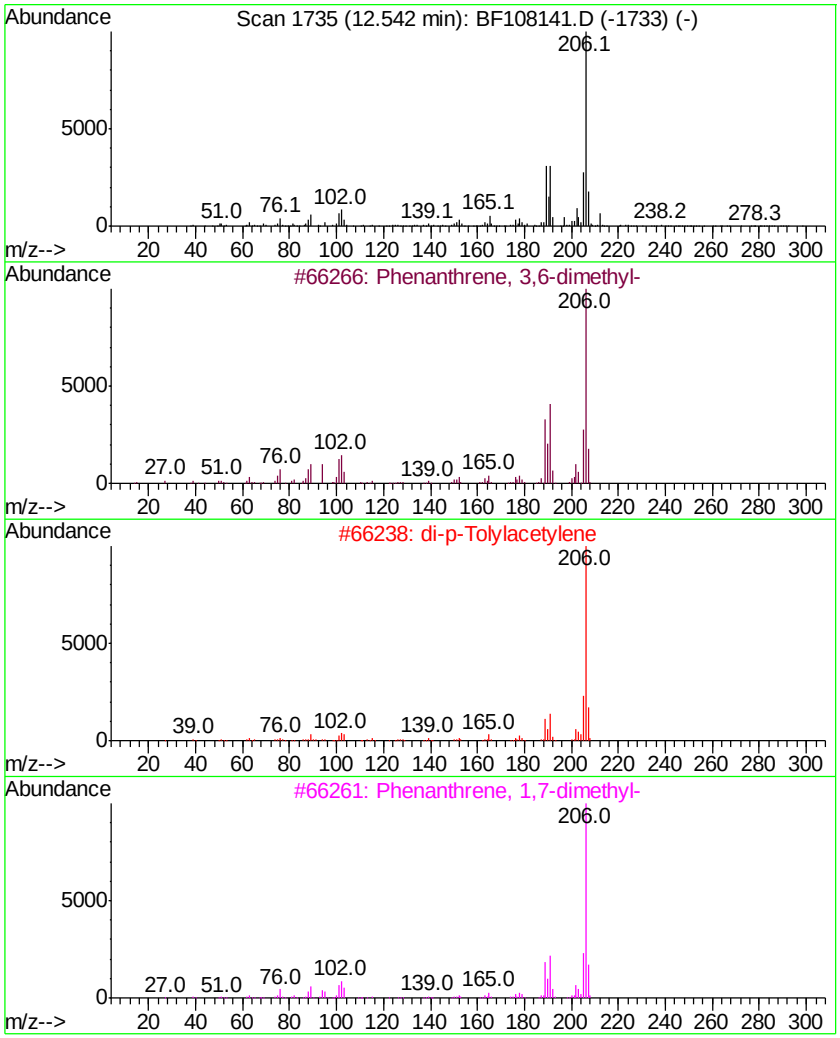
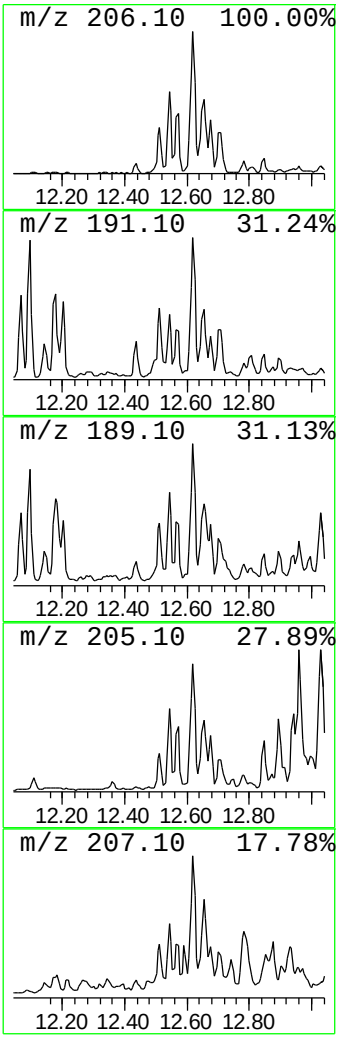
Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	11.65 ng	526167	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

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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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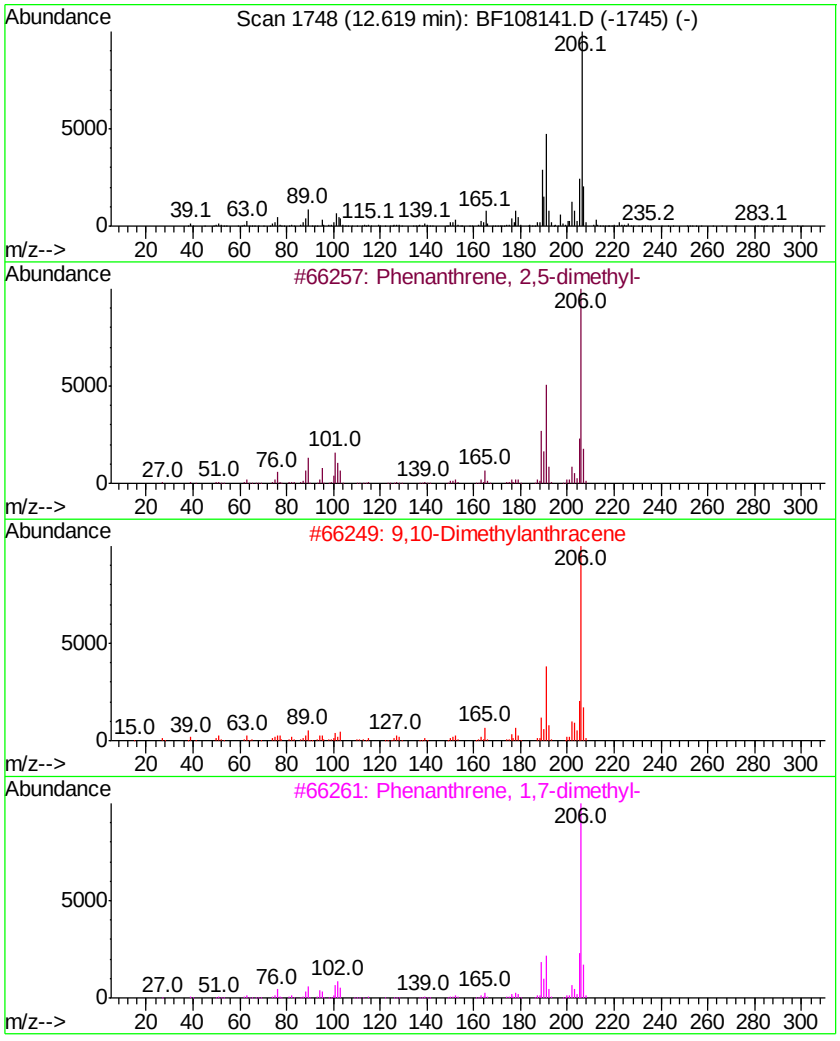
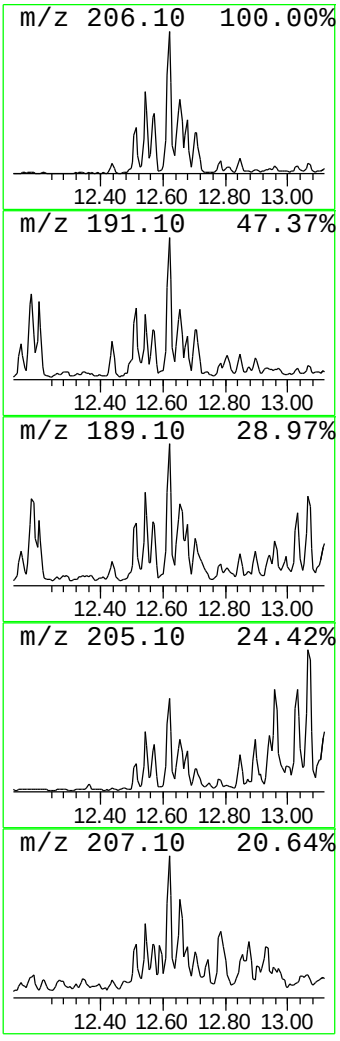
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	27.70 ng	1251010	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Library Search Compound Report

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Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : RA-081018-SW-003

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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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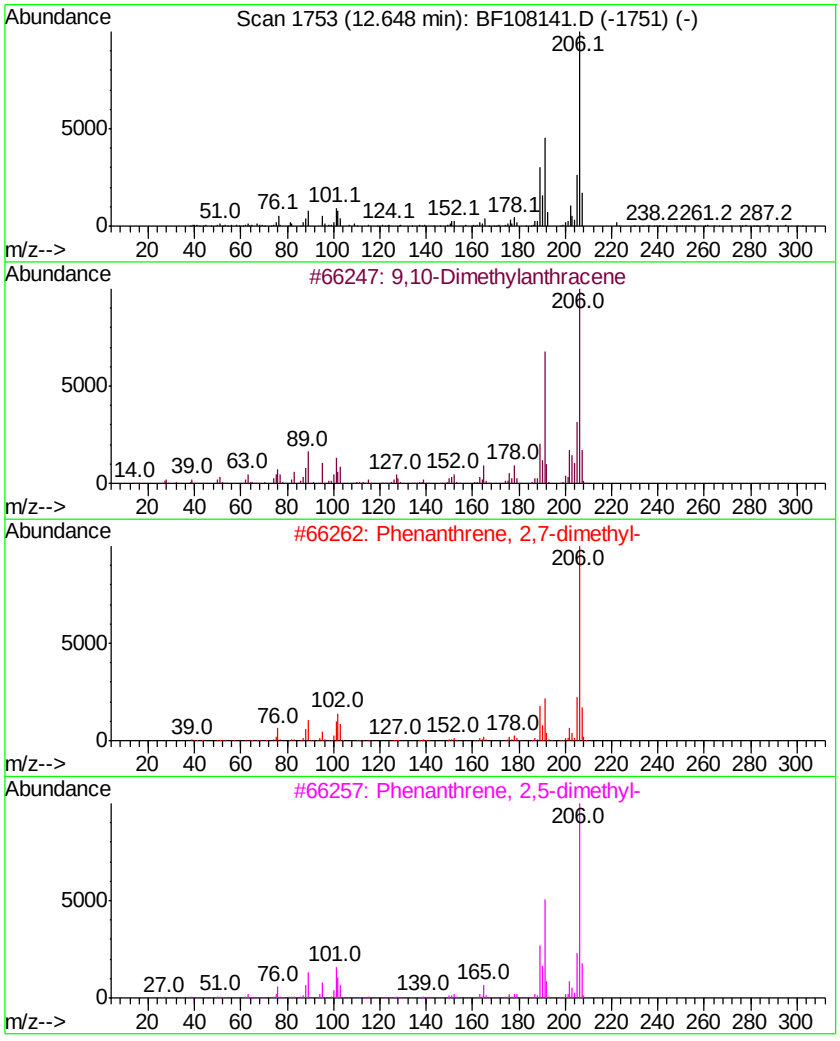
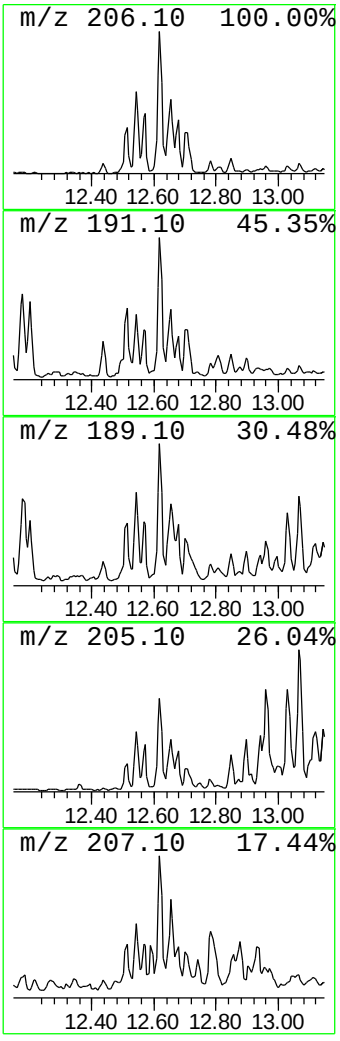
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	13.70 ng	618694	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081418\
Data File : BF108141.D
Acq On : 14 Aug 2018 13:39
Operator : JU/SJ
Sample : J4460-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-SW-003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.78	6.78	16.6	ng	927047	1	7.02	1117430	20.0
Dodecane, 2,7,10-...	9.31	11.4	ng	582068	3	10.07	1020430	20.0
Naphthalene, 2,7-...	9.64	18.7	ng	952208	3	10.07	1020430	20.0
Naphthalene, 2,6-...	9.72	18.9	ng	965274	3	10.07	1020430	20.0
Naphthalene, 1,5-...	9.75	13.2	ng	672714	3	10.07	1020430	20.0
Octacosane	9.77	15.3	ng	780501	3	10.07	1020430	20.0
Naphthalene, 1,4,...	10.17	16.1	ng	819639	3	10.07	1020430	20.0
Naphthalene, 1,6,...	10.26	16.3	ng	832205	3	10.07	1020430	20.0
Naphthalene, 2,3,...	10.38	14.1	ng	717960	3	10.07	1020430	20.0
Dodecane, 3-methyl-	10.70	16.5	ng	842216	3	10.07	1020430	20.0
1,4,5,8-Tetrameth...	10.98	17.3	ng	780481	4	11.57	903214	20.0
Dibenzothiophene,...	11.90	22.8	ng	1028410	4	11.57	903214	20.0
Phenanthrene, 1-m...	12.18	16.8	ng	758894	4	11.57	903214	20.0
Phenanthrene, 3,6...	12.54	11.7	ng	526167	4	11.57	903214	20.0
Phenanthrene, 2,5...	12.62	27.7	ng	1251010	4	11.57	903214	20.0
9,10-Dimethylanth...	12.65	13.7	ng	618694	4	11.57	903214	20.0