LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109293.D
Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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-BF092218.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	5.310	544	548	559	rVB	1066996	982777	34.40%	1.331%
2	6.340	720	723	729	rBV	1159234	1104771	38.67%	1.496%
3	6.475	739	746	749	rBV	1337699	1216320	42.58%	1.647%
4	6.710	781	786	789	rVV	918298	771124	26.99%	1.044%
5	6.863	810	812	817	rVV	1061068	1006610	35.24%	1.363%
6	7.269	872	881	884	rBV3	803522	1090268	38.16%	1.476%
7	7.363	893	897	901	rBV4	217810	309731	10.84%	0.419%
8	7.487	913	918	920	rBV5	173609	234181	8.20%	0.317%
9	7.522	923	924	928	rVB	318250	217259	7.61%	0.294%
10	7.622	933	941	942	rBV4	248042	381812	13.37%	0.517%
11	7.639	942	944	948	rVB3	325012	385727	13.50%	0.522%
12	7.828	971	976	980	rBV5	189814	268928	9.41%	0.364%
13	7.992	1000	1004	1007	rBV2	1295260	1278469	44.75%	1.731%
14	8.075	1015	1018	1020	rBV	897690	720384	25.22%	0.975%
15	8.169	1029	1034	1036	rBV5	188918	309312	10.83%	0.419%
16	8.292	1051	1055	1058	rVB5	545890	726995	25.45%	0.984%
17	8.381	1067	1070	1074	rVB2	381237	415399	14.54%	0.562%
18	8.434	1076	1079	1083	rBV	1563288	1501786	52.57%	2.033%
19	8.463	1083	1084	1087	rVB	432564	328659	11.50%	0.445%
20	8.504	1088	1091	1094	rBV2	340763	370324	12.96%	0.501%
21	8.598	1103	1107	1108	rBV2	282850	351660	12.31%	0.476%
22	8.616	1108	1110	1112	rVV3	209012	261408	9.15%	0.354%
23	8.657	1115	1117	1119	rVV2	463647	397761	13.92%	0.539%
24	8.692	1120	1123	1127	rVB4	787144	991572	34.71%	1.343%
25	8.745	1130	1132	1135	rBV2	225959	271683	9.51%	0.368%
26	8.804	1138	1142	1143	rVV2	410460	485240	16.99%	0.657%
27	8.839	1146	1148	1153	rVB4	381273	409962	14.35%	0.555%
28	8.881	1153	1155	1157	rBV3	236918	231691	8.11%	0.314%
29	8.910	1157	1160	1163	rVB4	488900	517460	18.11%	0.701%
30	9.034	1176	1181	1183	rBV	2132242	1870876	65.49%	2.533%
31	9.069	1183	1187	1189	rVV	1329299	1103555	38.63%	1.494%
32	9.157	1199	1202	1204	rBV4	443868	565406	19.79%	0.766%
33	9.222	1210	1213	1215	rVB2	498502	490178	17.16%	0.664%
34	9.333	1228	1232	1239	rBV2	1135328	1672257	58.54%	2.264%

LSC Area Percent Report

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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.410	1239	1245	1247	rVV	1614563	2037660	71.33%	2.759%
36	9.433	1247	1249	1252	rVV	1181212	1151648	40.31%	1.559%
37	9.463	1252	1254	1256	rVV	1106039	1015772	35.56%	1.375%
38	9.486	1256	1258	1260	rVV	2260210	1851109	64.80%	2.506%
39	9.522	1262	1264	1269	rVB2	851915	1129805	39.55%	1.530%
40	9.604	1274	1278	1281	rBV4	577822	821951	28.77%	1.113%
41	9.663	1286	1288	1291	rVB2	753186	618027	21.63%	0.837%
42	9.745	1297	1302	1305	rBV2	1230515	1614178	56.50%	2.186%
43	9.857	1317	1321	1325	rVB	950957	1415191	49.54%	1.916%
44	9.892	1325	1327	1330	rBV2	370316	386344	13.52%	0.523%
45	9.951	1333	1337	1341	rVV	1571349	1816704	63.59%	2.460%
46	9.992	1341	1344	1346	rVV	1253759	986185	34.52%	1.335%
47	10.016	1346	1348	1353	rVB3	772297	776846	27.19%	1.052%
48	10.069	1353	1357	1359	rBV	1026195	1091099	38.19%	1.477%
49	10.092	1359	1361	1364	rVB	928128	742702	26.00%	1.006%
50	10.122	1364	1366	1367	rBV2	248973	220728	7.73%	0.299%
51	10.157	1367	1372	1373	rVV3	691124	952111	33.33%	1.289%
52	10.175	1373	1375	1377	rVB	666497	518191	18.14%	0.702%
53	10.245	1384	1387	1391	rVB3	469295	495207	17.33%	0.671%
54	10.286	1391	1394	1396	rBV3	739686	673530	23.58%	0.912%
55	10.316	1396	1399	1402	rVV3	599609	742751	26.00%	1.006%
56	10.357	1403	1406	1408	rVV2	859395	759472	26.59%	1.028%
57	10.380	1408	1410	1412	rVV3	308456	276191	9.67%	0.374%
58	10.410	1412	1415	1419	rVV2	1805097	1867057	65.36%	2.528%
59	10.445	1419	1421	1423	rVV2	331665	370476	12.97%	0.502%
60	10.498	1427	1430	1431	rBV3	251719	292717	10.25%	0.396%
61	10.528	1431	1435	1440	rVB5	810918	1131467	39.61%	1.532%
62	10.569	1440	1442	1445	rBV3	415249	407638	14.27%	0.552%
63	10.628	1448	1452	1455	rBV3	270209	408209	14.29%	0.553%
64	10.680	1455	1461	1464	rBV2	2622390	2856751	100.00%	3.868%
65	10.733	1467	1470	1472	rBV	464377	347687	12.17%	0.471%
66	10.810	1479	1483	1484	rBV3	245853	316269	11.07%	0.428%
67	10.839	1484	1488	1490	rVB2	275152	315892	11.06%	0.428%
68	10.869	1490	1493	1495	rBV2	761747	676397	23.68%	0.916%
69	10.951	1505	1507	1509	rBV	268317	278641	9.75%	0.377%
70	10.986	1509	1513	1519	rVV6	516512	1115871	39.06%	1.511%
71	11.033	1519	1521	1524	rVV3	359004	394814	13.82%	0.535%

LSC Area Percent Report

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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.080	1527	1529	1532	rVV4	410835	466436	16.33%	0.632%
73	11.139	1533	1539	1545	rVB2	1740135	2173986	76.10%	2.944%
74	11.222	1550	1553	1555	rBV	799910	690514	24.17%	0.935%
75	11.245	1555	1557	1560	rVV	1082467	903906	31.64%	1.224%
76	11.298	1564	1566	1569	rVB	366621	294985	10.33%	0.399%
77	11.339	1570	1573	1576	rBV3	266744	388697	13.61%	0.526%
78	11.486	1595	1598	1601	rVB2	380751	395176	13.83%	0.535%
79	11.551	1607	1609	1612	rVV	265094	221501	7.75%	0.300%
80	11.633	1620	1623	1627	rVB2	206856	233411	8.17%	0.316%
81	11.722	1635	1638	1641	rBV	478642	500496	17.52%	0.678%
82	11.751	1641	1643	1648	rVB	744187	626911	21.94%	0.849%
83	11.833	1654	1657	1659	rVV	641822	630879	22.08%	0.854%
84	11.857	1659	1661	1667	rVB2	424162	423697	14.83%	0.574%
85	12.198	1716	1719	1721	rBV	267561	237071	8.30%	0.321%
86	12.274	1728	1732	1734	rBV	409641	453685	15.88%	0.614%
87	12.304	1734	1737	1740	rVV3	199457	266406	9.33%	0.361%
88	12.427	1755	1758	1762	rBV	1294903	1215274	42.54%	1.645%
89	12.657	1792	1797	1799	rBV	1344554	1269725	44.45%	1.719%
90	12.798	1818	1821	1829	rVB	1102880	1050320	36.77%	1.422%
91	12.980	1850	1852	1856	rVB	351853	321291	11.25%	0.435%
92	13.051	1861	1864	1866	rVB	296400	249052	8.72%	0.337%
93	13.086	1866	1870	1873	rBV2	236377	228544	8.00%	0.309%
94	13.845	1994	1999	2002	rBV2	1055440	1527866	53.48%	2.069%
95	13.874	2002	2004	2010	rVB	645513	559225	19.58%	0.757%
96	14.857	2167	2171	2174	rBV	479786	729645	25.54%	0.988%
97	15.139	2215	2219	2224	rVB	285599	356079	12.46%	0.482%
98	15.192	2224	2228	2234	rBV	454806	493745	17.28%	0.669%
99	15.251	2234	2238	2241	rVV	429055	496673	17.39%	0.672%
100	16.604	2464	2468	2477	rVB2	176752	335165	11.73%	0.454%

Sum of corrected areas: 73855194

LSC Report - Integrated Chromatogram

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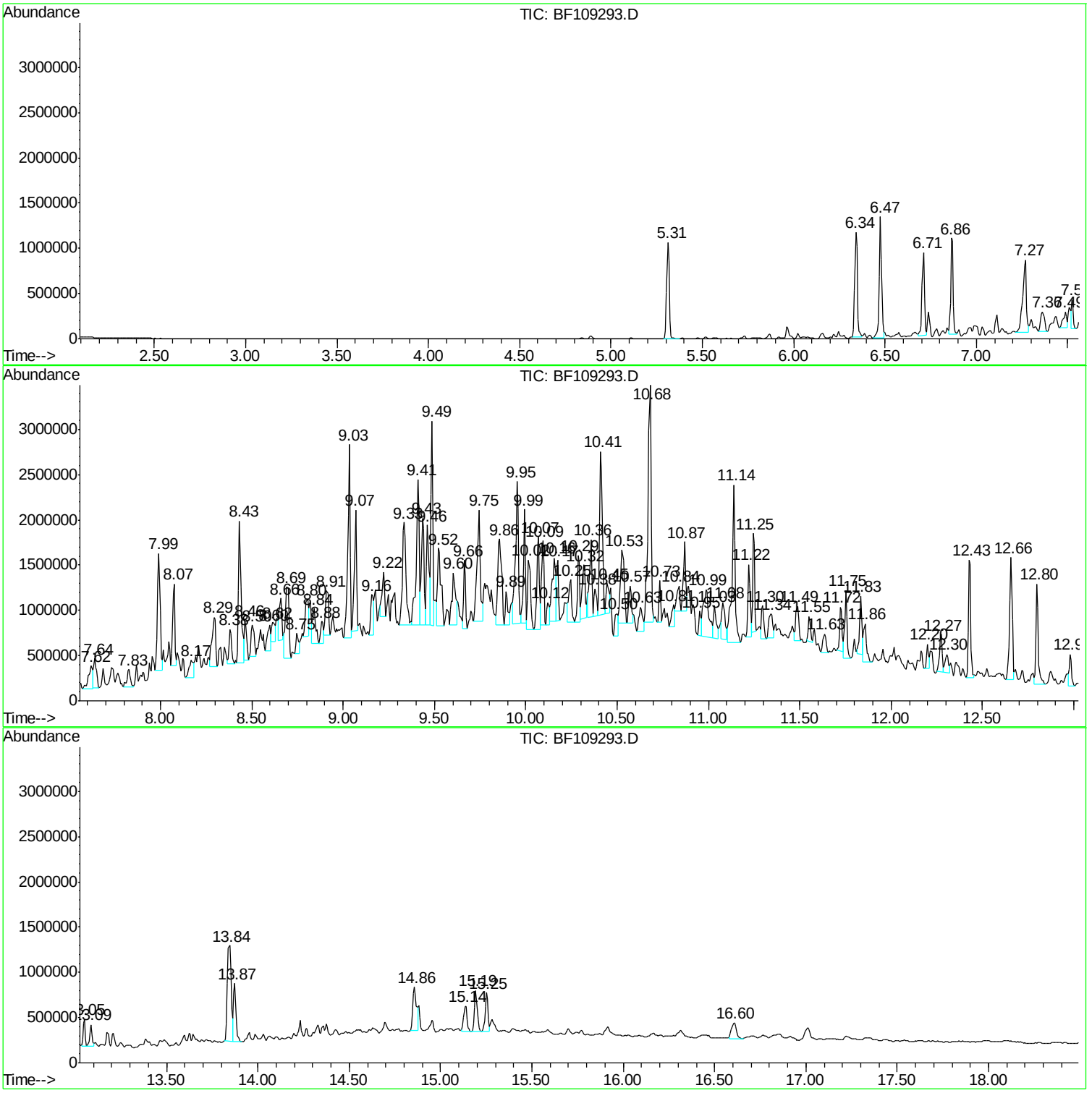
Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092518\
Data File : BF109293.D
Acq On : 25 Sep 2018 18:37
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Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

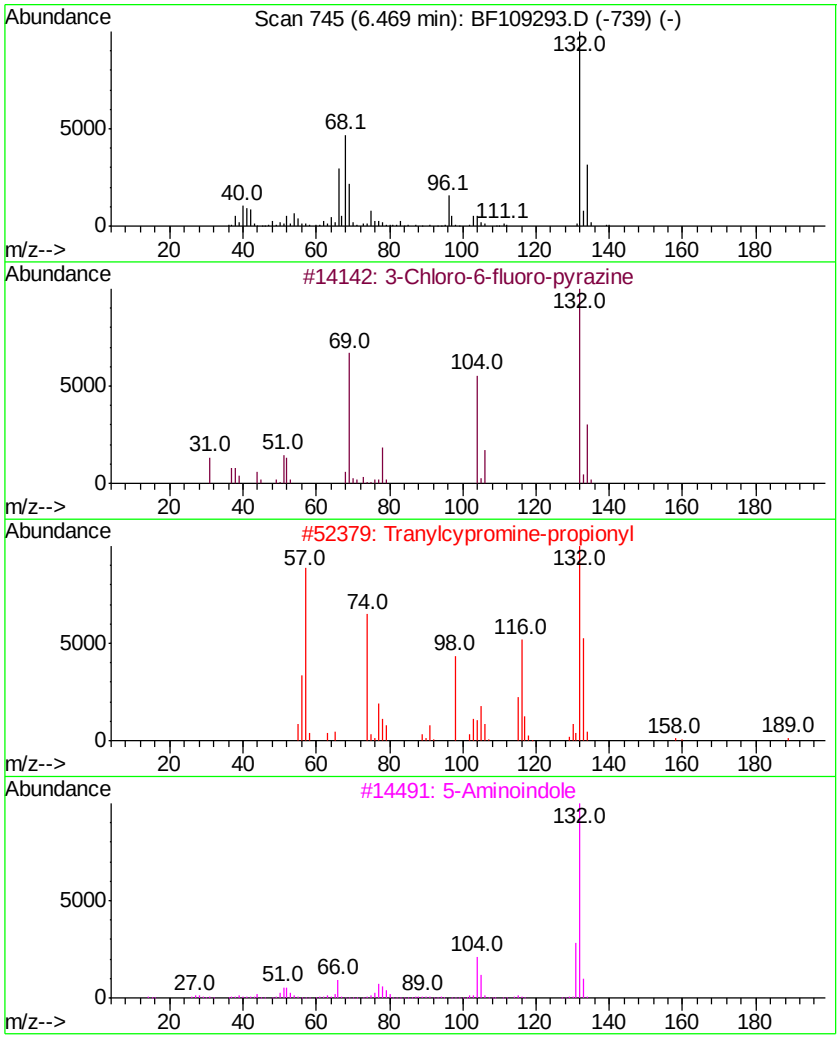
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

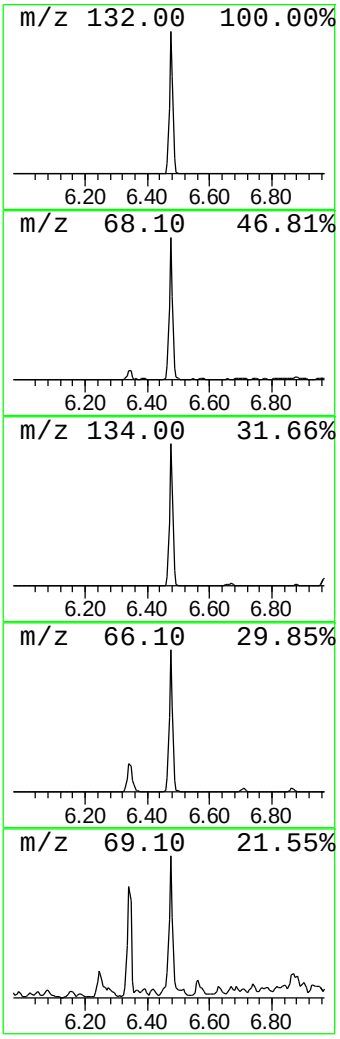
****

Peak Number 1 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	31.55 ng	1216320	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

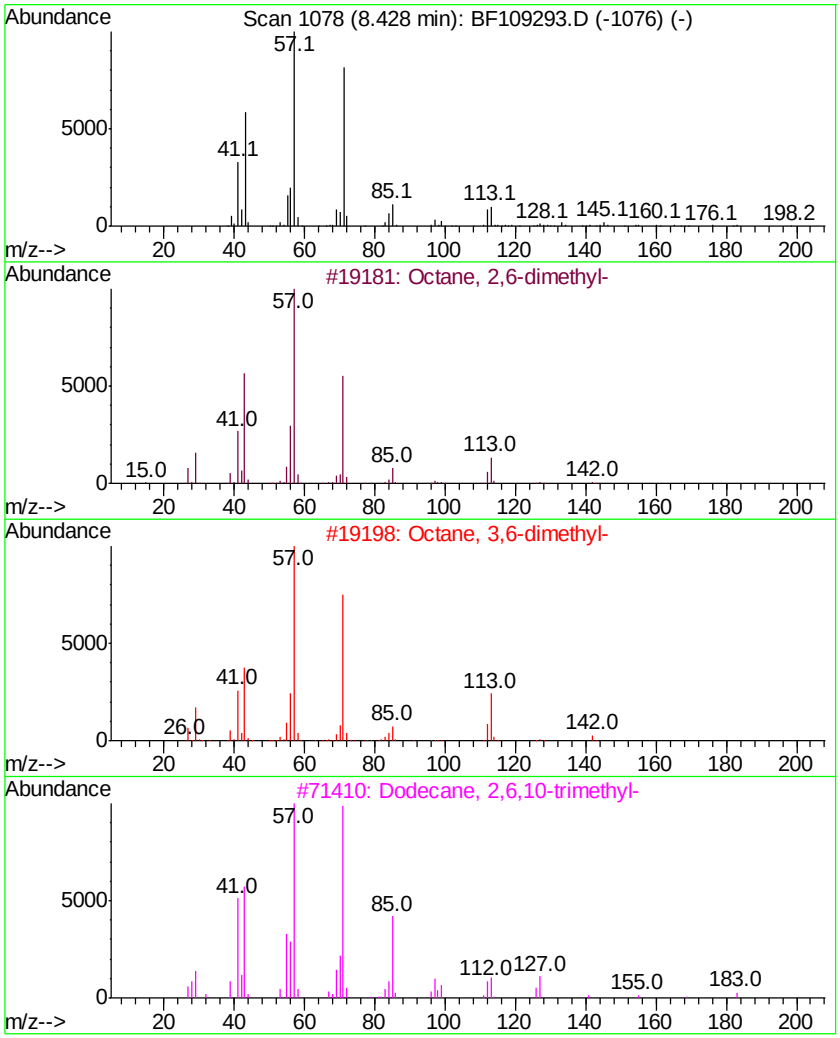
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

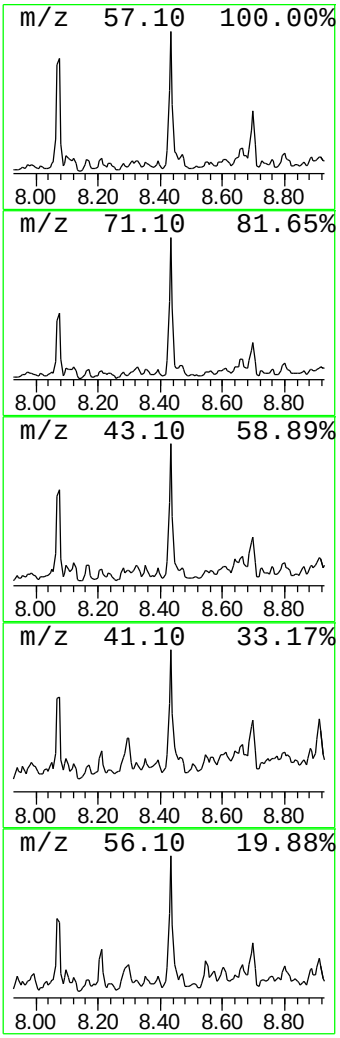
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	23.49 ng	1501790	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72





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

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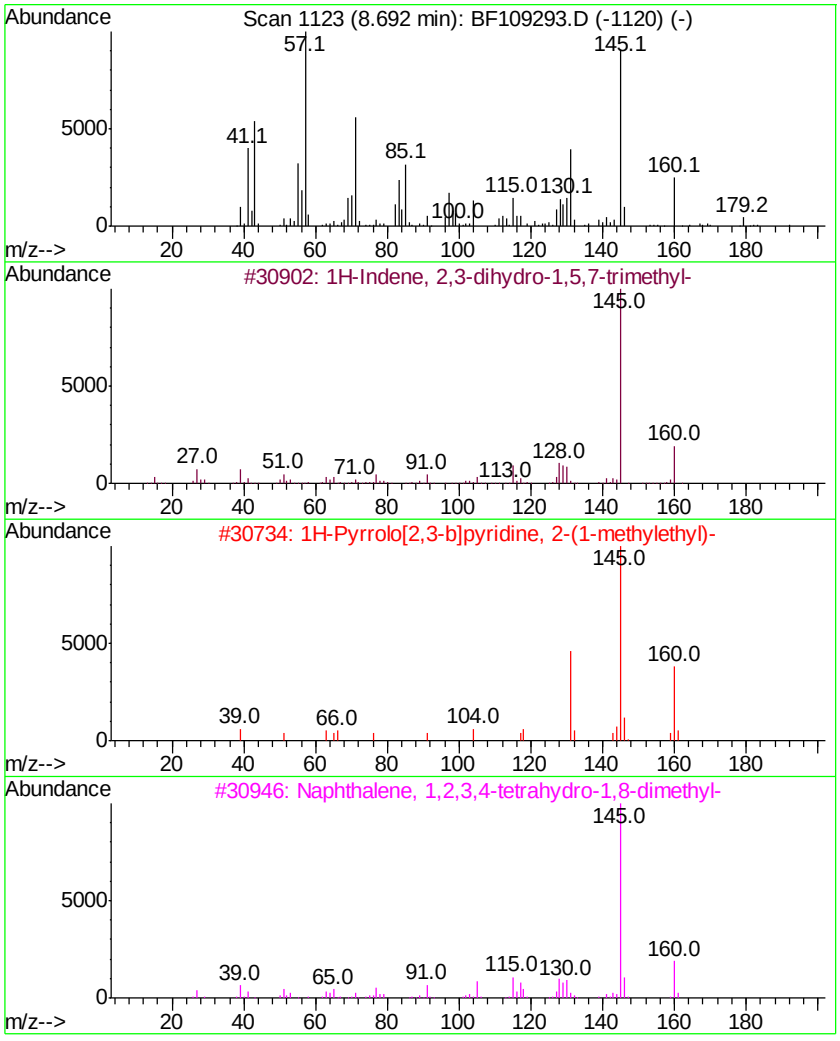
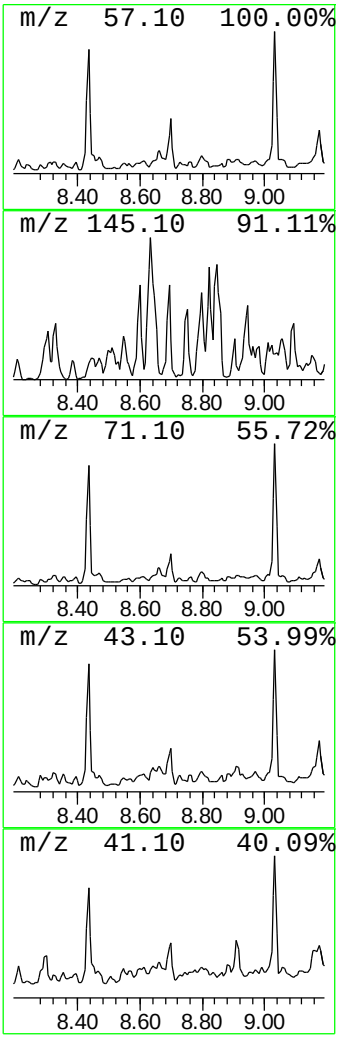
Peak Number 4 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	15.51 ng	991572	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	50
2	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	46
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	45





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

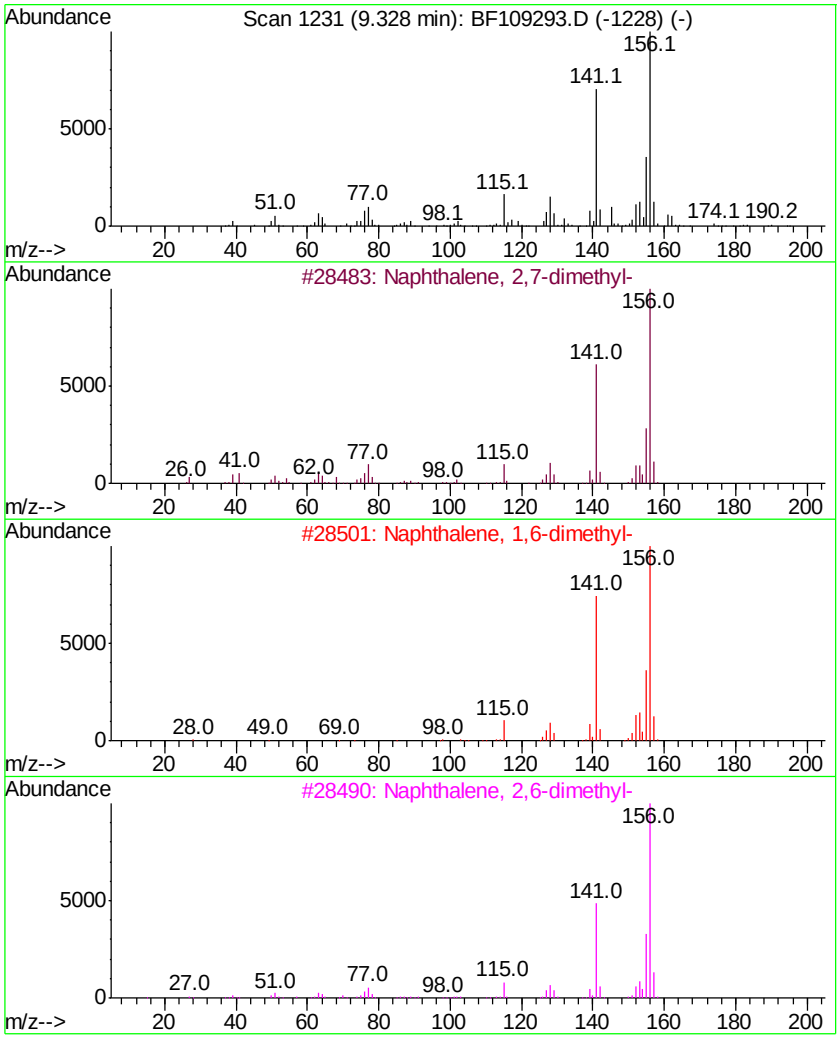
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

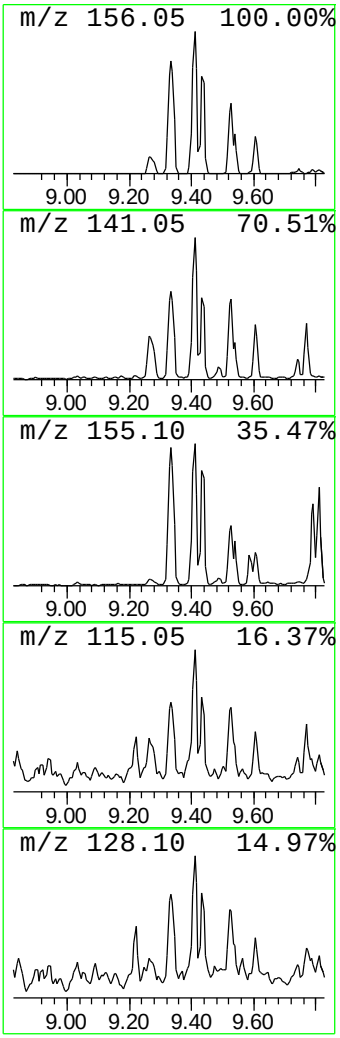
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	20.72 ng	1672260	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Data File : BF109293.D
Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

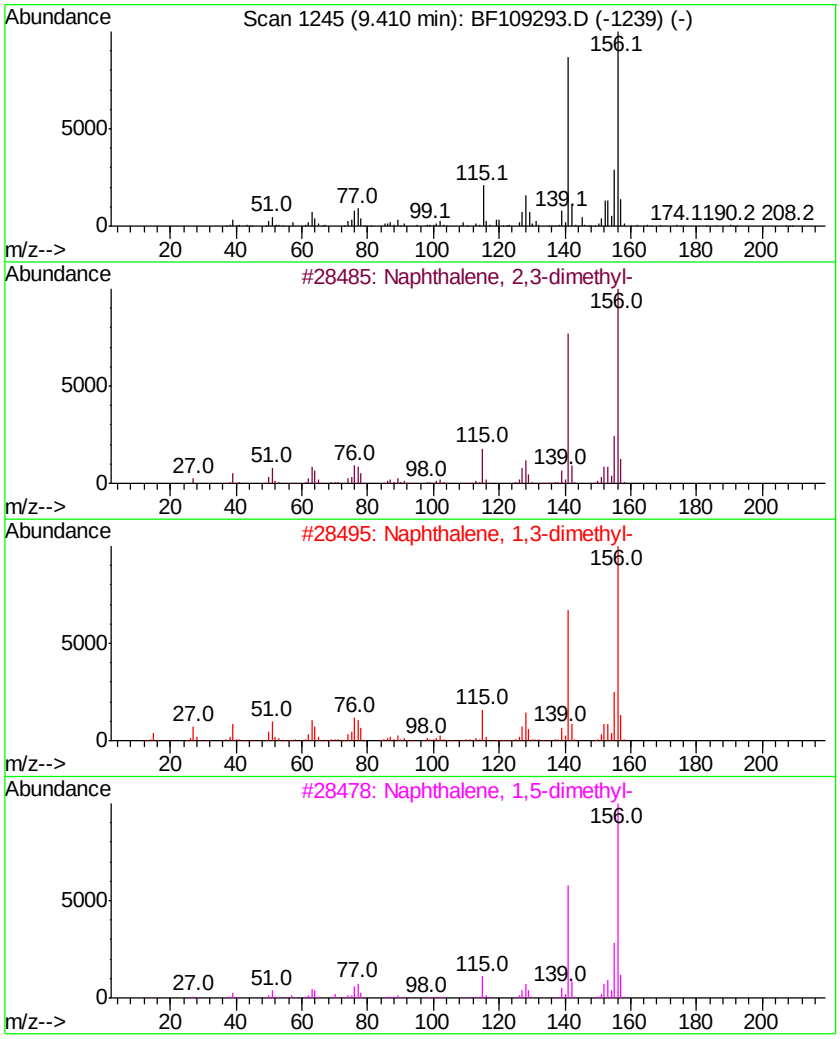
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

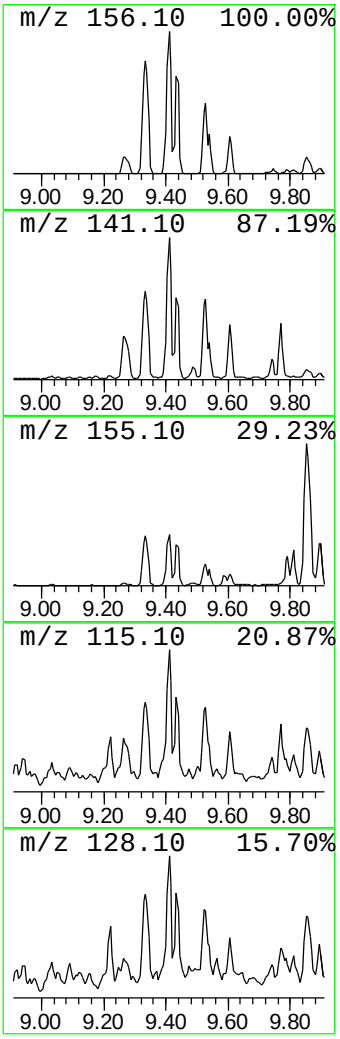
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	25.25 ng	2037660	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

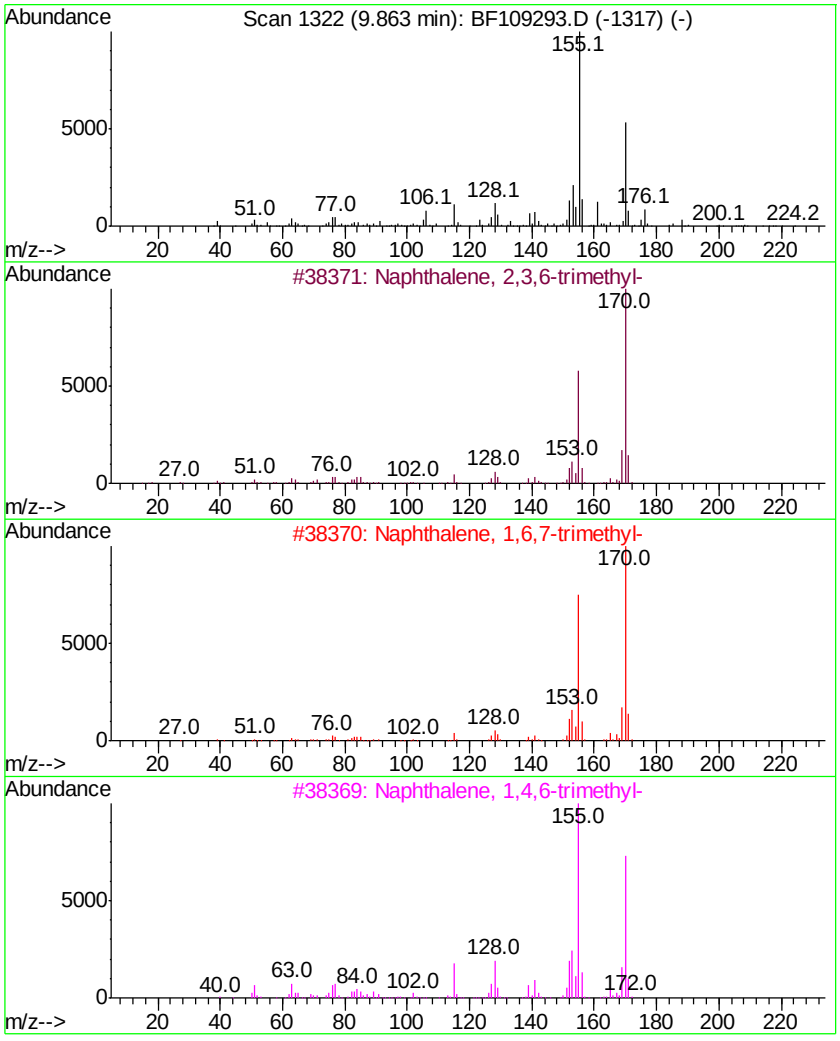
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

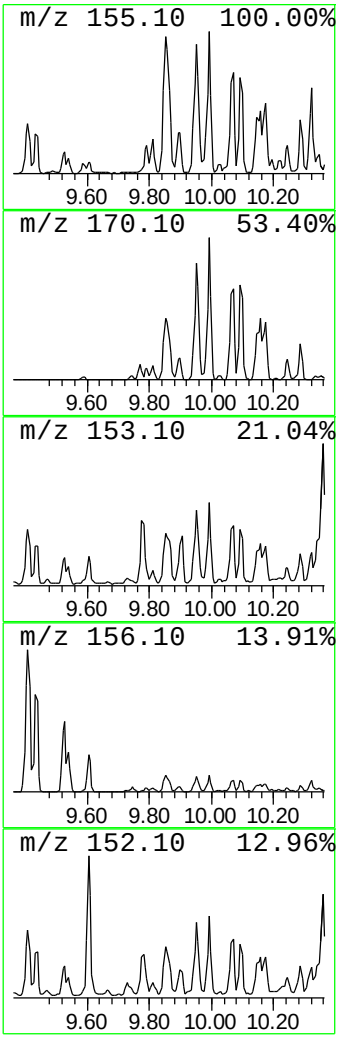
****

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	17.53 ng	1415190	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83





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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

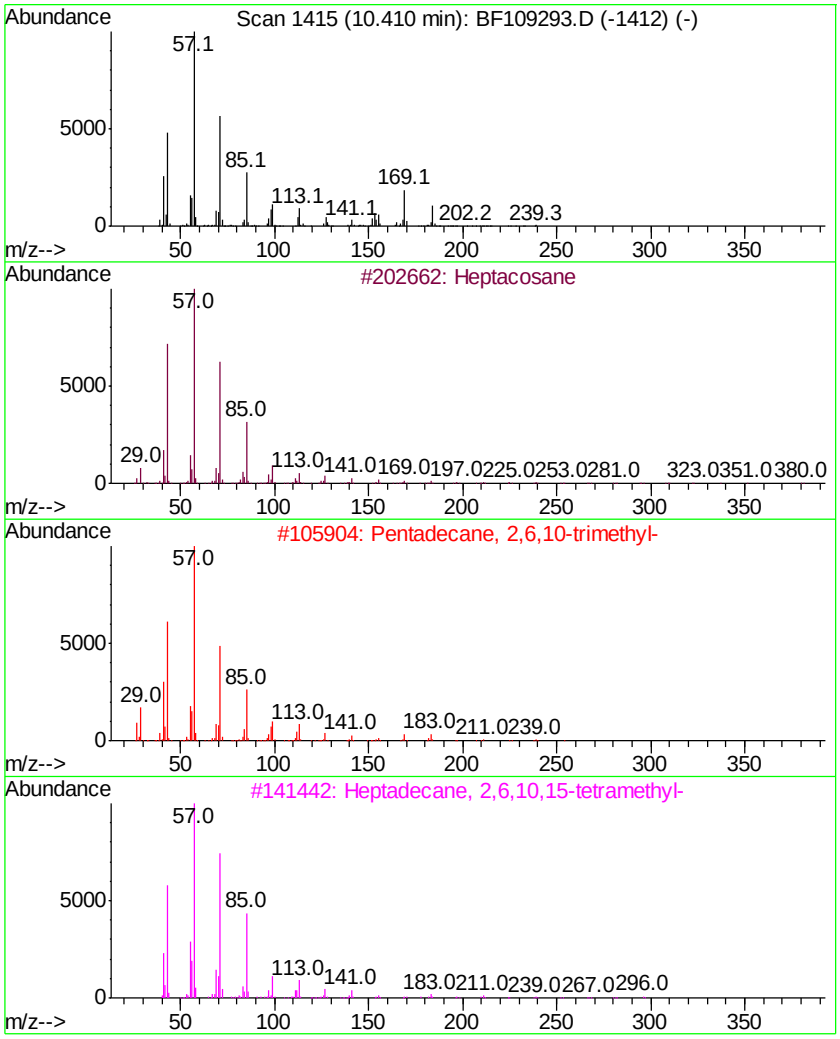
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

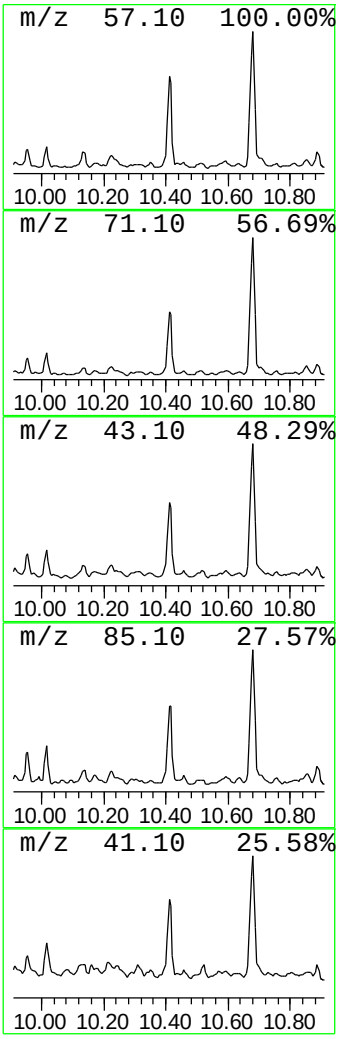
****

Peak Number 10 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	23.13 ng	1867060	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	53





Library Search Compound Report

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Sample : J4779-09 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-3A-092418

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

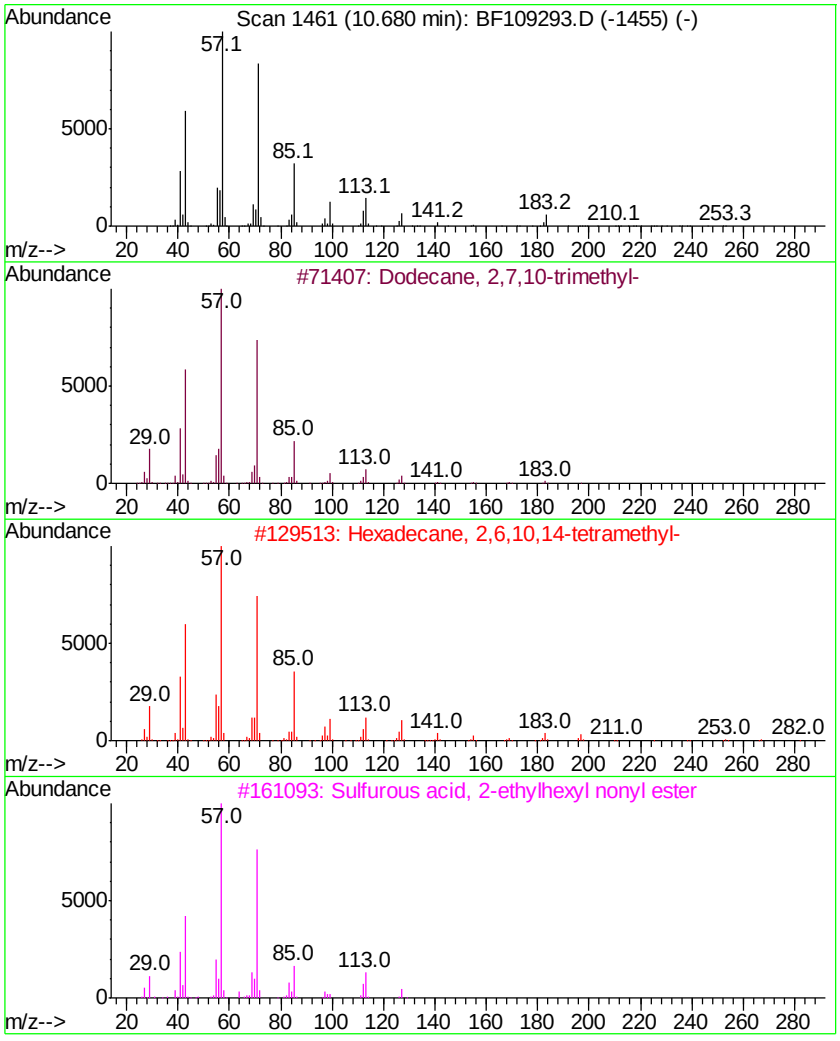
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

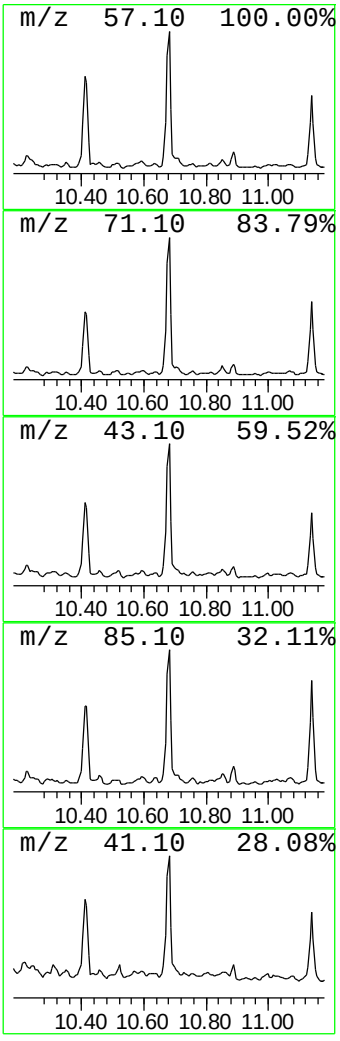
****

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	82.74 ng	2856750	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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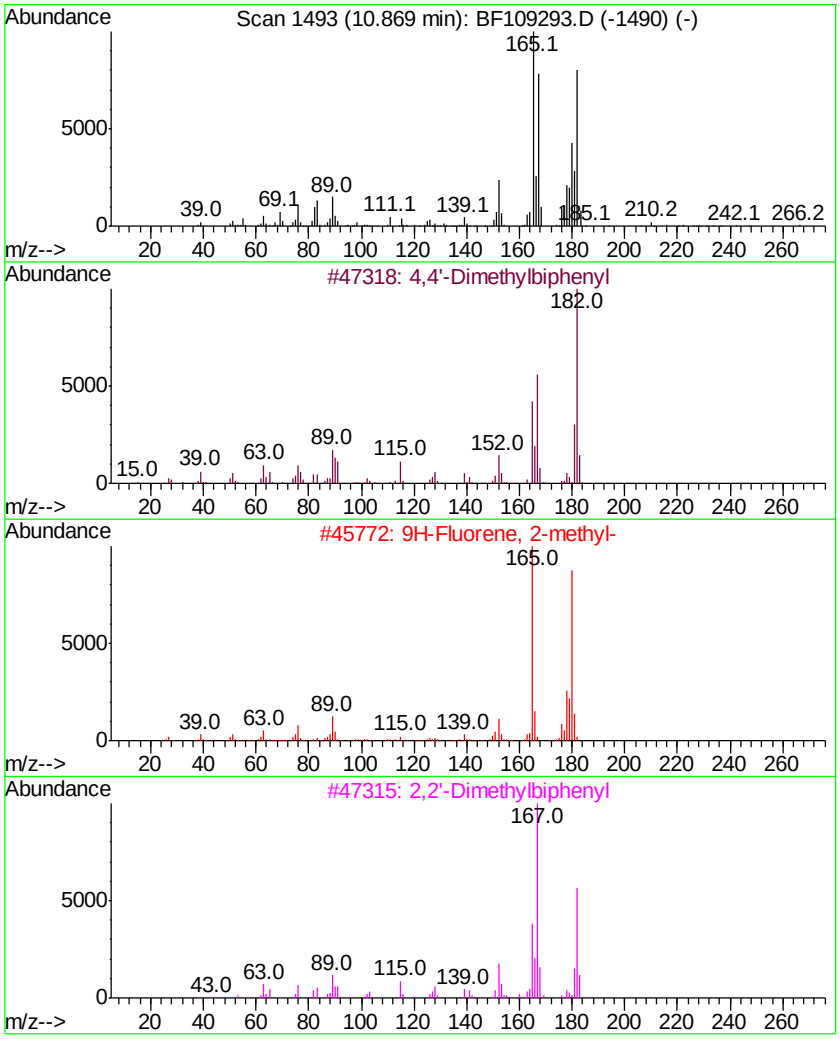
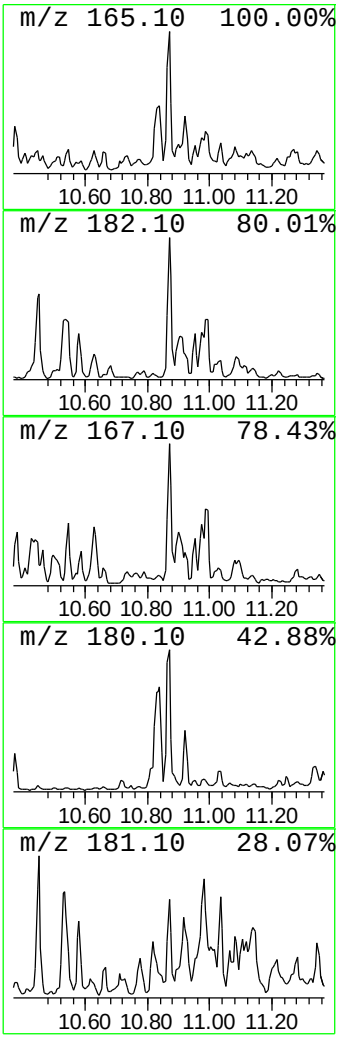
Peak Number 12 unknown10.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	19.59 ng	676397	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	41
4	Benzene, 1,2,3-trimethoxy-5-methyl-	182	C10H14O3	006443-69-2	30
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30





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Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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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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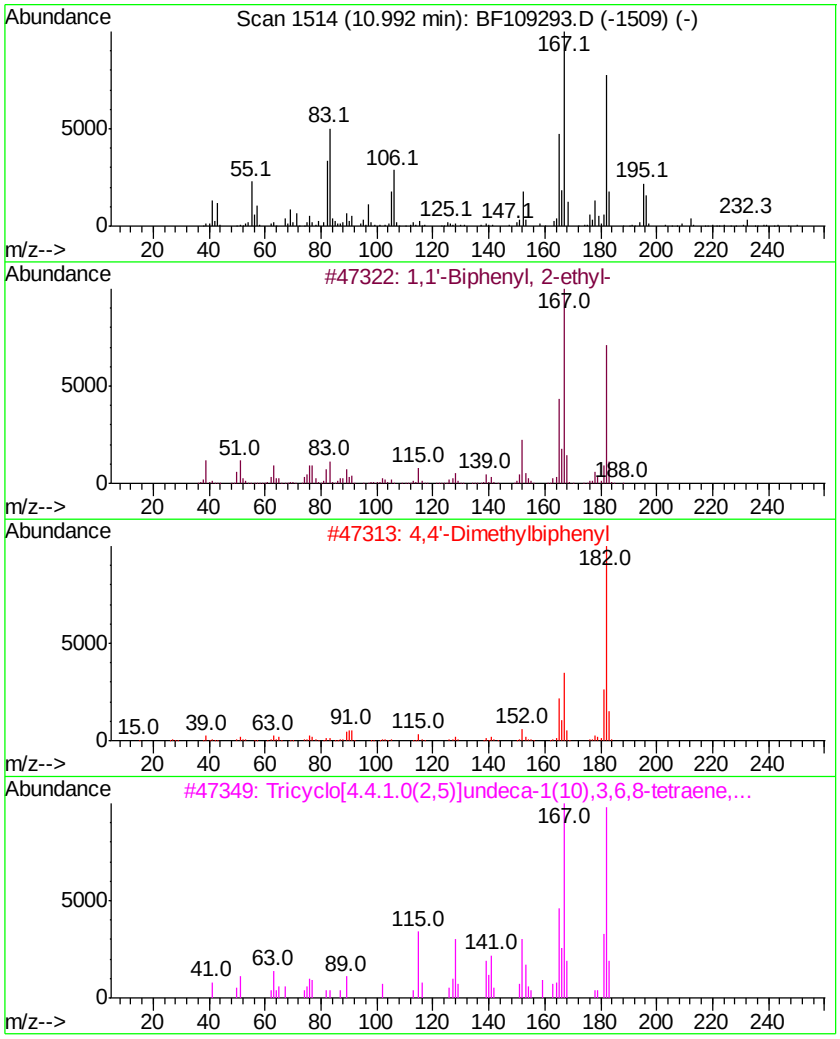
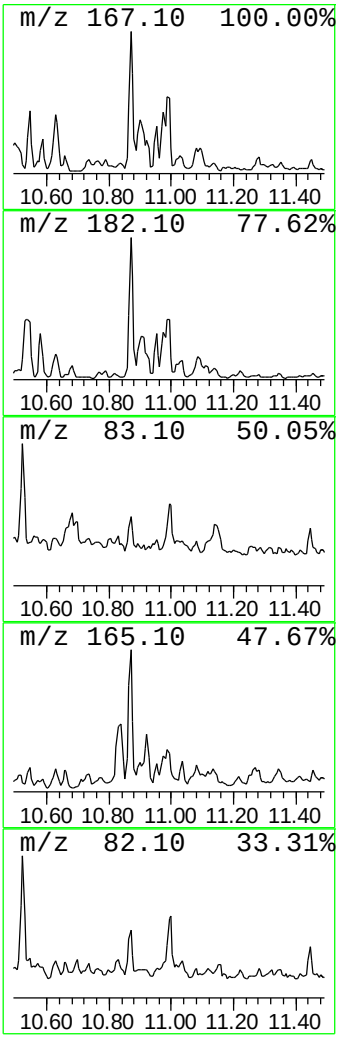
Peak Number 13 1,1'-Biphenyl, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	32.32 ng	1115870	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	70
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	62
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	53
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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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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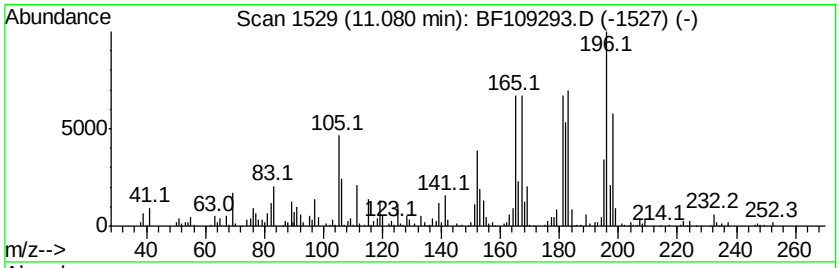
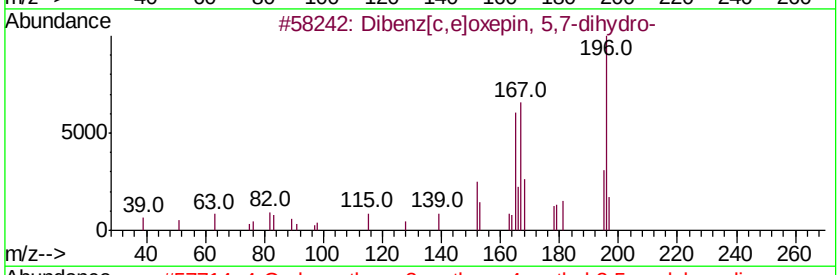
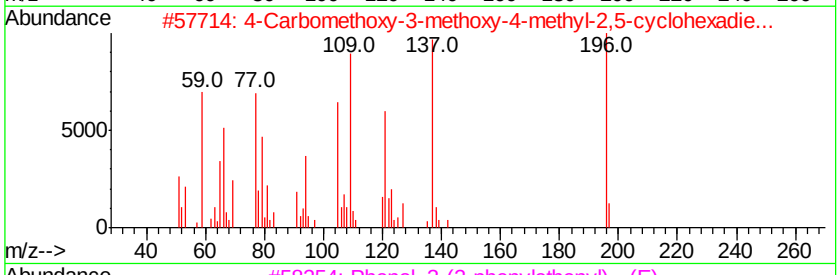
Peak Number 14 Dibenz[c,e]oxepin, 5,7-dihy... Concentration Rank 19

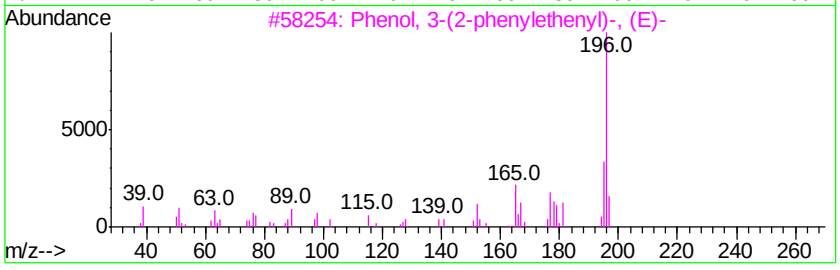
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	13.51 ng	466436	Phenanthrene-d10	11.22

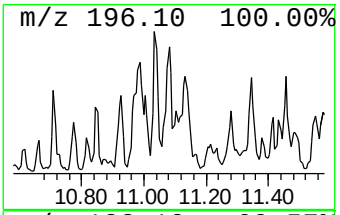
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	87
2	4-Carbomethoxy-3-methoxy-4-methy...	196	C10H12O4	120696-19-7	56
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	43
5	3-Methoxydiphenylmethane	198	C14H14O	023450-27-3	41

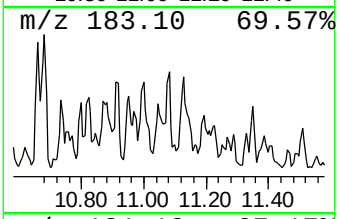


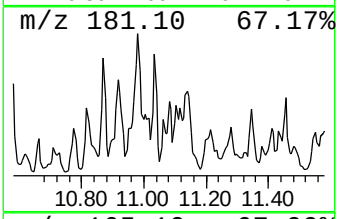


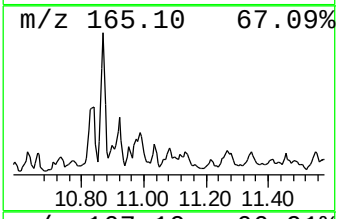


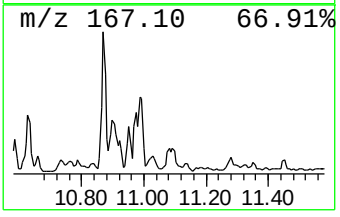












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Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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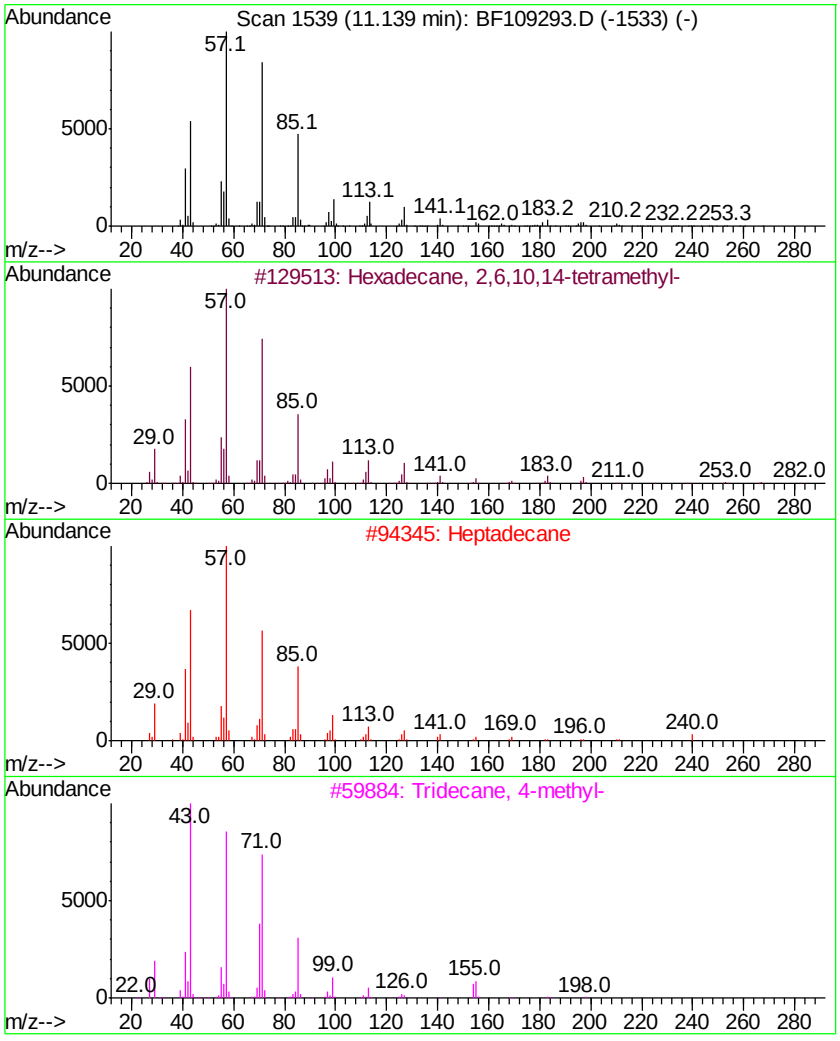
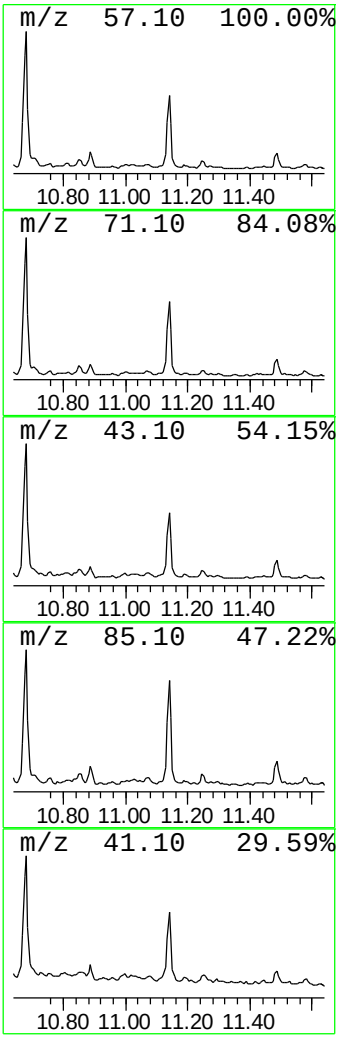
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	62.97 ng	2173990	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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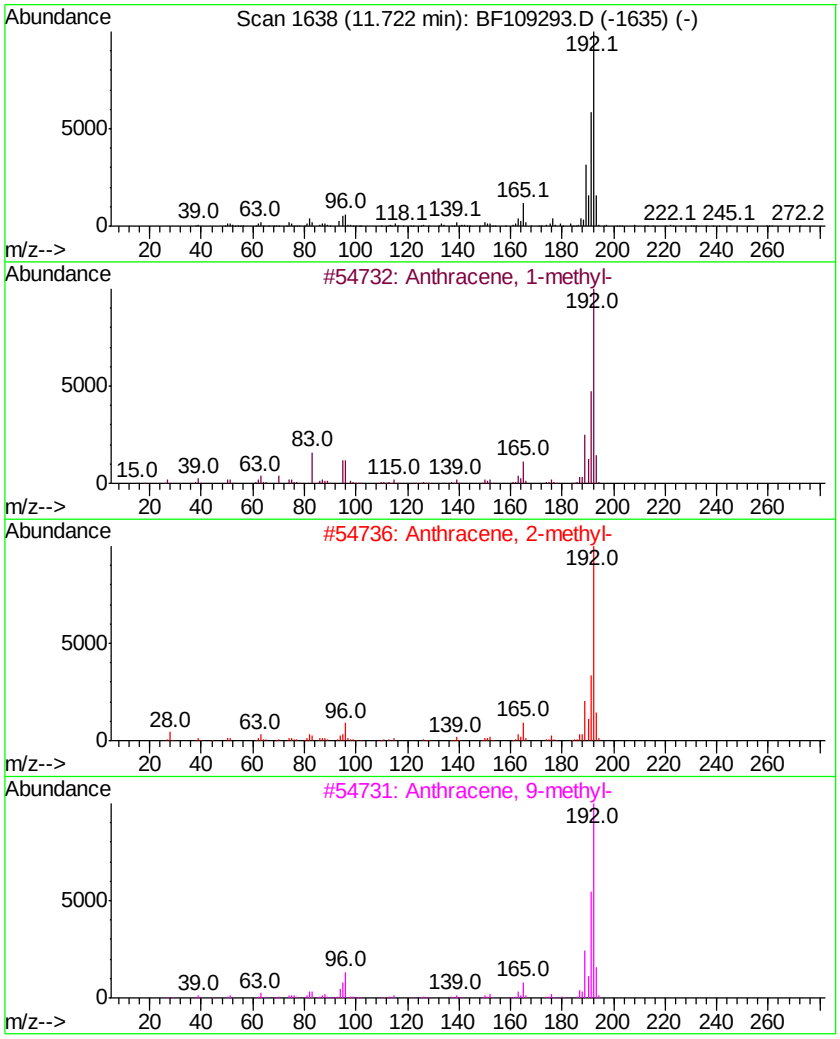
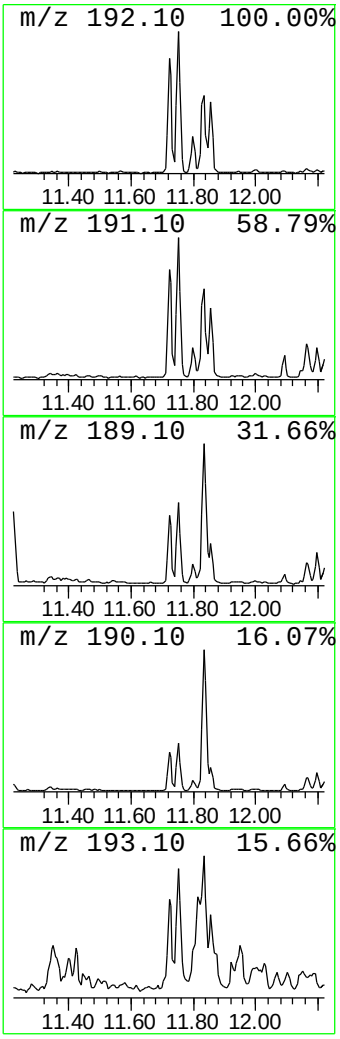
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	14.50 ng	500496	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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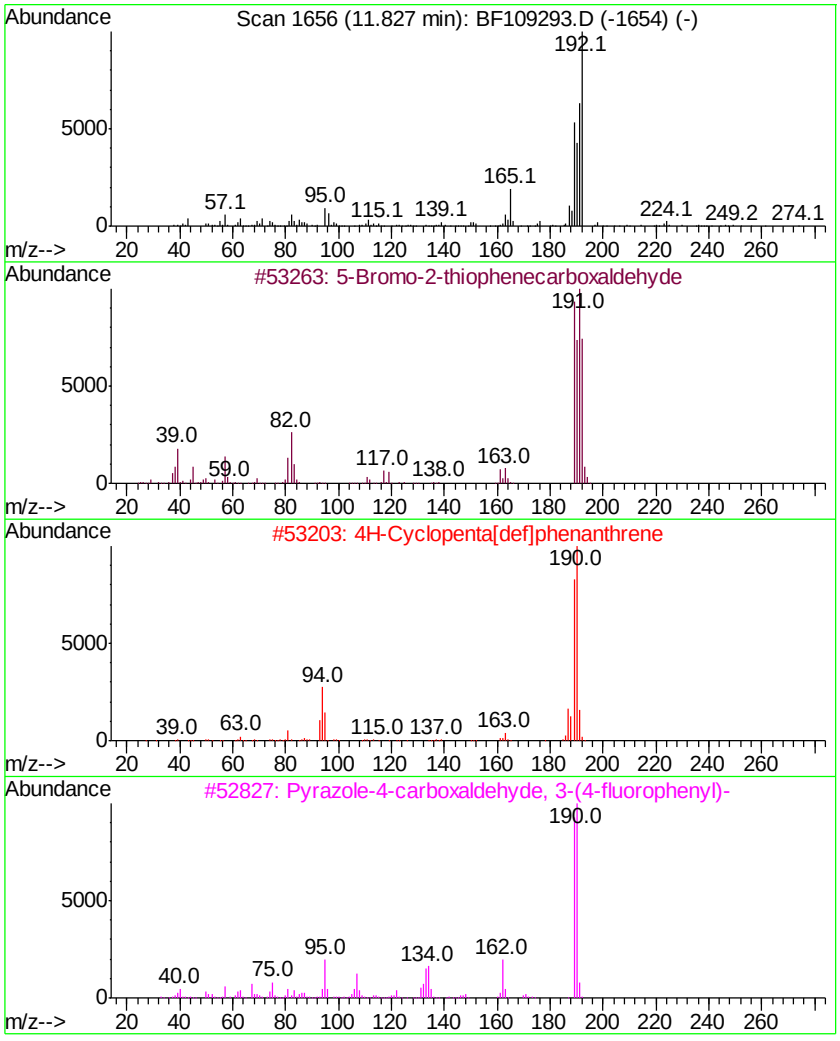
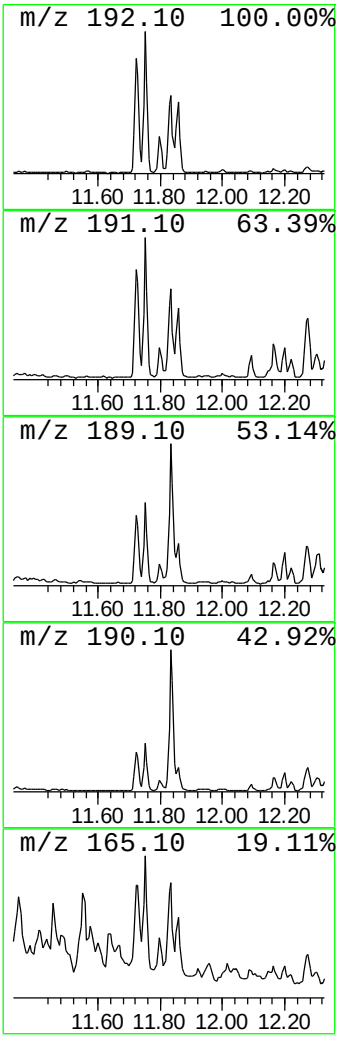
Peak Number 18 5-Bromo-2-thiophenecarboxal... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	18.27 ng	630879	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

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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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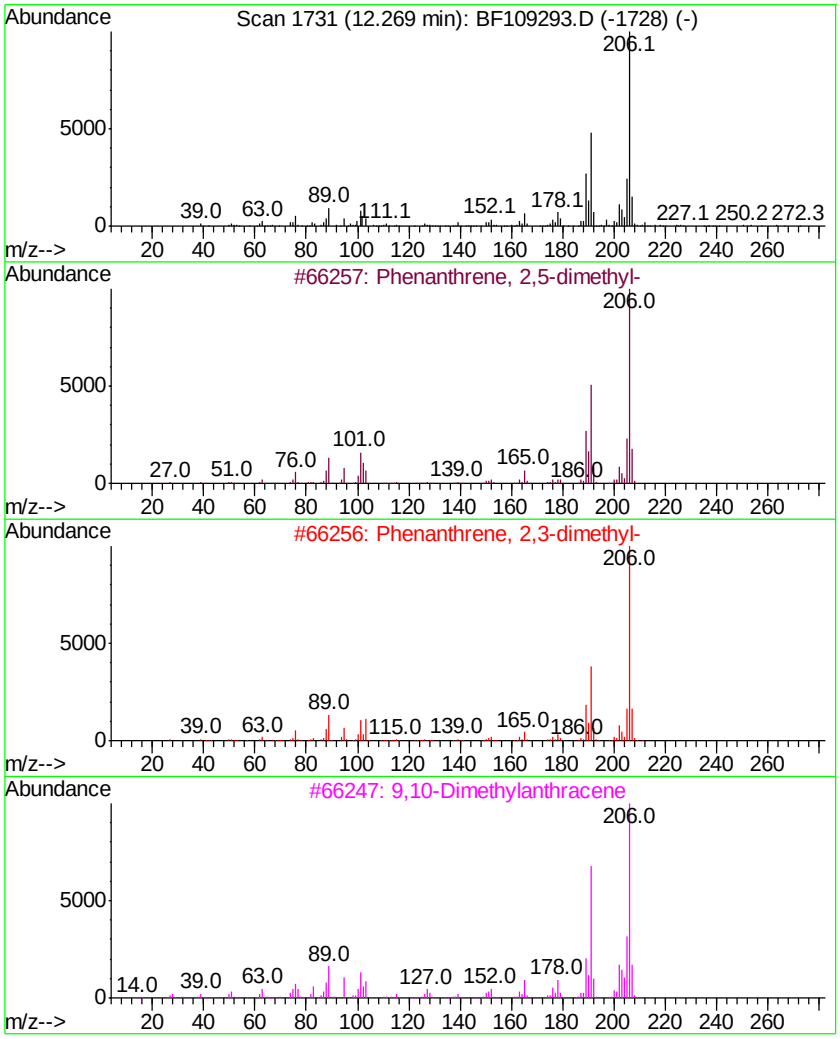
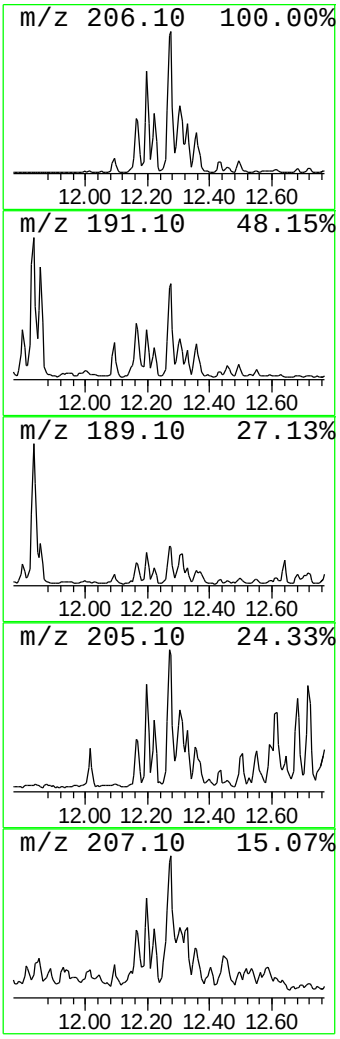
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	13.14 ng	453685	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109293.D
Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

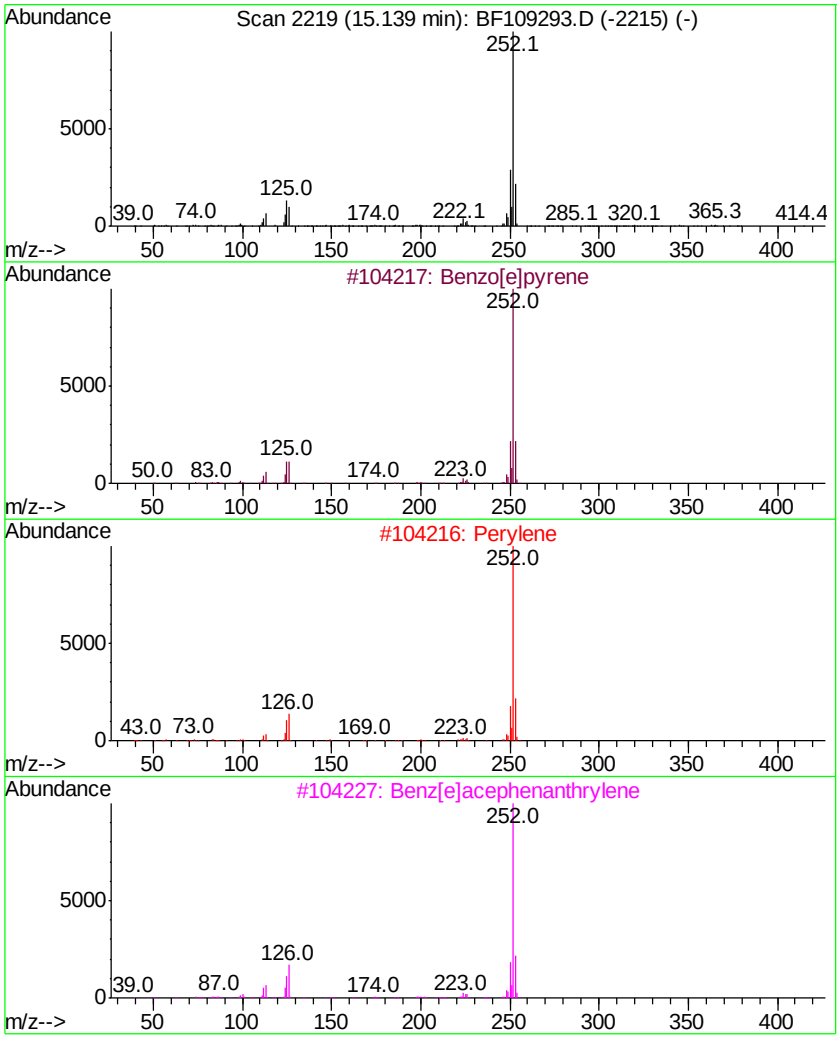
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

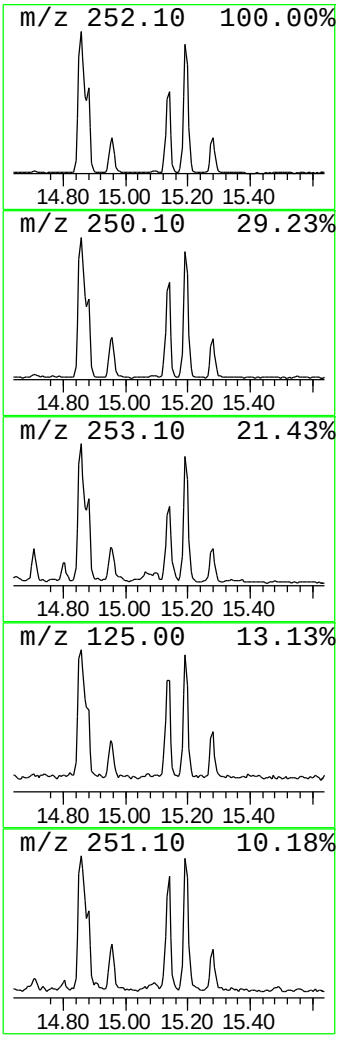
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	14.34 ng	356079	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109293.D
Acq On : 25 Sep 2018 18:37
Operator : JU/SJ
Sample : J4779-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3A-092418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	31.6	ng	1216320	1	6.71	771124	20.0
Octane, 2,6-dimet...	8.43	23.5	ng	1501790	2	7.99	1278470	20.0
1H-Indene, 2,3-di...	8.69	15.5	ng	991572	2	7.99	1278470	20.0
Naphthalene, 2,7-...	9.33	20.7	ng	1672260	3	9.75	1614180	20.0
Naphthalene, 2,3-...	9.41	25.3	ng	2037660	3	9.75	1614180	20.0
Naphthalene, 2,3,...	9.86	17.5	ng	1415190	3	9.75	1614180	20.0
Heptacosane	10.41	23.1	ng	1867060	3	9.75	1614180	20.0
Dodecane, 2,7,10-...	10.68	82.7	ng	2856750	4	11.22	690514	20.0
unknown10.87	10.87	19.6	ng	676397	4	11.22	690514	20.0
1,1'-Biphenyl, 2-...	10.99	32.3	ng	1115870	4	11.22	690514	20.0
Dibenz[c,e]oxepin...	11.08	13.5	ng	466436	4	11.22	690514	20.0
Hexadecane, 2,6,1...	11.14	63.0	ng	2173990	4	11.22	690514	20.0
Anthracene, 1-met...	11.72	14.5	ng	500496	4	11.22	690514	20.0
5-Bromo-2-thiophe...	11.83	18.3	ng	630879	4	11.22	690514	20.0
Phenanthrene, 2,5...	12.27	13.1	ng	453685	4	11.22	690514	20.0
Benzo[e]pyrene	15.14	14.3	ng	356079	6	15.25	496673	20.0