LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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	4.407	346	352	357	rBV2	26616	39076	2.86%	0.160%
2	5.178	476	483	485	rBV	37662	52478	3.84%	0.215%
3	5.254	492	496	500	rBV2	100148	125224	9.15%	0.514%
4	5.519	538	541	544	rBV	46289	47500	3.47%	0.195%
5	5.637	555	561	568	rBV	1364603	1298691	94.93%	5.330%
6	5.795	585	588	590	rBV	35853	40685	2.97%	0.167%
7	5.884	598	603	606	rBV4	28937	39657	2.90%	0.163%
8	6.048	623	631	634	rBV3	56000	77112	5.64%	0.316%
9	6.184	651	654	656	rVB2	56172	42242	3.09%	0.173%
10	6.254	663	666	667	rBV	65163	55257	4.04%	0.227%
11	6.272	667	669	674	rVV2	60204	75779	5.54%	0.311%
12	6.313	674	676	678	rVB	53631	39408	2.88%	0.162%
13	6.437	694	697	700	rBV2	34092	48188	3.52%	0.198%
14	6.501	706	708	711	rVB2	48952	41398	3.03%	0.170%
15	6.554	711	717	722	rBV3	115048	159463	11.66%	0.654%
16	6.631	725	730	734	rVV	1538819	1318174	96.35%	5.410%
17	6.660	734	735	738	rVV2	60128	54316	3.97%	0.223%
18	6.689	738	740	743	rVV3	51165	53480	3.91%	0.219%
19	6.754	746	751	752	rVV3	33946	55254	4.04%	0.227%
20	6.784	752	756	763	rVV	1630756	1368072	100.00%	5.615%
21	6.837	763	765	769	rVV3	48665	58389	4.27%	0.240%
22	6.972	784	788	791	rBV4	28034	48247	3.53%	0.198%
23	7.019	792	796	799	rVB	1158936	1044698	76.36%	4.287%
24	7.172	819	822	827	rVB	1290648	1043707	76.29%	4.283%
25	7.278	834	840	846	rBV4	70999	95649	6.99%	0.393%
26	7.325	846	848	855	rVV2	32704	40899	2.99%	0.168%
27	7.413	860	863	865	rVV2	39815	43498	3.18%	0.179%
28	7.542	879	885	887	rBV3	69756	86951	6.36%	0.357%
29	7.572	887	890	896	rVV	817396	815578	59.62%	3.347%
30	7.654	899	904	907	rVB6	33864	54104	3.95%	0.222%
31	7.936	949	952	958	rBV5	53893	56951	4.16%	0.234%
32	8.301	1009	1014	1017	rBV	1469931	1235649	90.32%	5.071%
33	8.336	1019	1020	1024	rVV2	47704	38861	2.84%	0.159%
34	9.013	1132	1135	1138	rBV	49565	40490	2.96%	0.166%

LSC Area Percent Report

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Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

35	9.113	1149	1152	1155	rBV	74346	58624	4.29%	0.241%
36	9.372	1192	1196	1204	rBV	1686299	1362440	99.59%	5.592%
37	9.642	1238	1242	1245	rBV	52758	67381	4.93%	0.277%
38	9.713	1251	1254	1257	rBV	84709	79871	5.84%	0.328%
39	9.760	1260	1262	1265	rVV	116820	93531	6.84%	0.384%
40	9.836	1270	1275	1276	rBV2	45608	50408	3.68%	0.207%
41	9.919	1283	1289	1294	rBV2	114311	139775	10.22%	0.574%
42	9.966	1294	1297	1302	rVB	38294	39223	2.87%	0.161%
43	10.060	1310	1313	1317	rBV	1217031	1151475	84.17%	4.726%
44	10.095	1317	1319	1322	rVB	154685	116618	8.52%	0.479%
45	10.166	1327	1331	1334	rBV2	31027	39750	2.91%	0.163%
46	10.266	1344	1348	1351	rBV2	78075	91707	6.70%	0.376%
47	10.301	1351	1354	1357	rVB	54614	52079	3.81%	0.214%
48	10.372	1362	1366	1369	rBV2	58920	70027	5.12%	0.287%
49	10.466	1378	1382	1384	rBV4	58012	68492	5.01%	0.281%
50	10.613	1404	1407	1413	rVB	182225	175619	12.84%	0.721%
51	10.689	1416	1420	1423	rVV4	49401	72927	5.33%	0.299%
52	10.766	1428	1433	1437	rVB3	38395	60107	4.39%	0.247%
53	10.854	1444	1448	1452	rBV	745941	689736	50.42%	2.831%
54	10.954	1461	1465	1467	rBV4	44518	68608	5.01%	0.282%
55	11.160	1495	1500	1503	rBV3	65708	95927	7.01%	0.394%
56	11.189	1503	1505	1508	rVV2	50873	50668	3.70%	0.208%
57	11.242	1512	1514	1517	rVB	42033	40348	2.95%	0.166%
58	11.283	1517	1521	1523	rBV4	25735	42922	3.14%	0.176%
59	11.360	1531	1534	1537	rVV2	35687	39620	2.90%	0.163%
60	11.395	1537	1540	1542	rVV2	53135	49329	3.61%	0.202%
61	11.424	1543	1545	1547	rVV	39263	38976	2.85%	0.160%
62	11.454	1547	1550	1554	rVB	106516	94720	6.92%	0.389%
63	11.560	1564	1568	1570	rBV	1276801	1136641	83.08%	4.665%
64	11.583	1570	1572	1576	rVV	915680	682157	49.86%	2.800%
65	11.636	1578	1581	1583	rVV	196677	174317	12.74%	0.715%
66	11.666	1583	1586	1588	rVV2	52320	58481	4.27%	0.240%
67	11.789	1603	1607	1610	rBV2	59418	72204	5.28%	0.296%
68	11.824	1610	1613	1616	rVB2	44973	40686	2.97%	0.167%
69	11.889	1621	1624	1628	rVV	97680	89691	6.56%	0.368%
70	11.972	1635	1638	1643	rBV	52318	62099	4.54%	0.255%
71	12.060	1650	1653	1656	rBV	203555	200840	14.68%	0.824%

LSC Area Percent Report

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Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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	12.089	1656	1658	1661	rVB	233825	184373	13.48%	0.757%
73	12.136	1663	1666	1669	rBV	88773	81240	5.94%	0.333%
74	12.177	1669	1673	1675	rBV2	270817	327838	23.96%	1.345%
75	12.236	1680	1683	1686	rBV2	39854	42993	3.14%	0.176%
76	12.295	1690	1693	1696	rVB	46302	40503	2.96%	0.166%
77	12.354	1700	1703	1706	rVV	112950	119860	8.76%	0.492%
78	12.389	1706	1709	1714	rVB	65806	89273	6.53%	0.366%
79	12.489	1723	1726	1727	rBV2	50183	40301	2.95%	0.165%
80	12.536	1732	1734	1736	rBV	69470	52729	3.85%	0.216%
81	12.560	1736	1738	1741	rVB2	53159	44758	3.27%	0.184%
82	12.613	1744	1747	1750	rBV2	248580	294503	21.53%	1.209%
83	12.642	1750	1752	1755	rVV3	68611	92797	6.78%	0.381%
84	12.707	1759	1763	1765	rBV3	75470	119377	8.73%	0.490%
85	12.777	1772	1775	1779	rBV	715294	621740	45.45%	2.552%
86	12.813	1779	1781	1784	rVV3	65671	67148	4.91%	0.276%
87	12.877	1789	1792	1795	rBV	42200	41971	3.07%	0.172%
88	12.936	1799	1802	1803	rBV2	58575	52399	3.83%	0.215%
89	13.013	1809	1815	1820	rBV	811213	879539	64.29%	3.610%
90	13.060	1820	1823	1826	rBV	90870	93938	6.87%	0.386%
91	13.142	1834	1837	1840	rBV	1222982	1001152	73.18%	4.109%
92	13.224	1848	1851	1857	rBV3	79873	152742	11.16%	0.627%
93	13.336	1867	1870	1876	rVB2	162835	224674	16.42%	0.922%
94	13.407	1879	1882	1884	rVB	110994	99258	7.26%	0.407%
95	13.442	1886	1888	1891	rVB	104739	99456	7.27%	0.408%
96	13.536	1902	1904	1907	rBV	109817	118066	8.63%	0.485%
97	13.571	1907	1910	1912	rVV	102939	96442	7.05%	0.396%
98	14.218	2015	2020	2022	rBV2	927563	1117701	81.70%	4.587%
99	14.242	2022	2024	2031	rVB	254211	250964	18.34%	1.030%
100	15.783	2282	2286	2291	rVB	483124	665313	48.63%	2.730%

Sum of corrected areas: 24366197

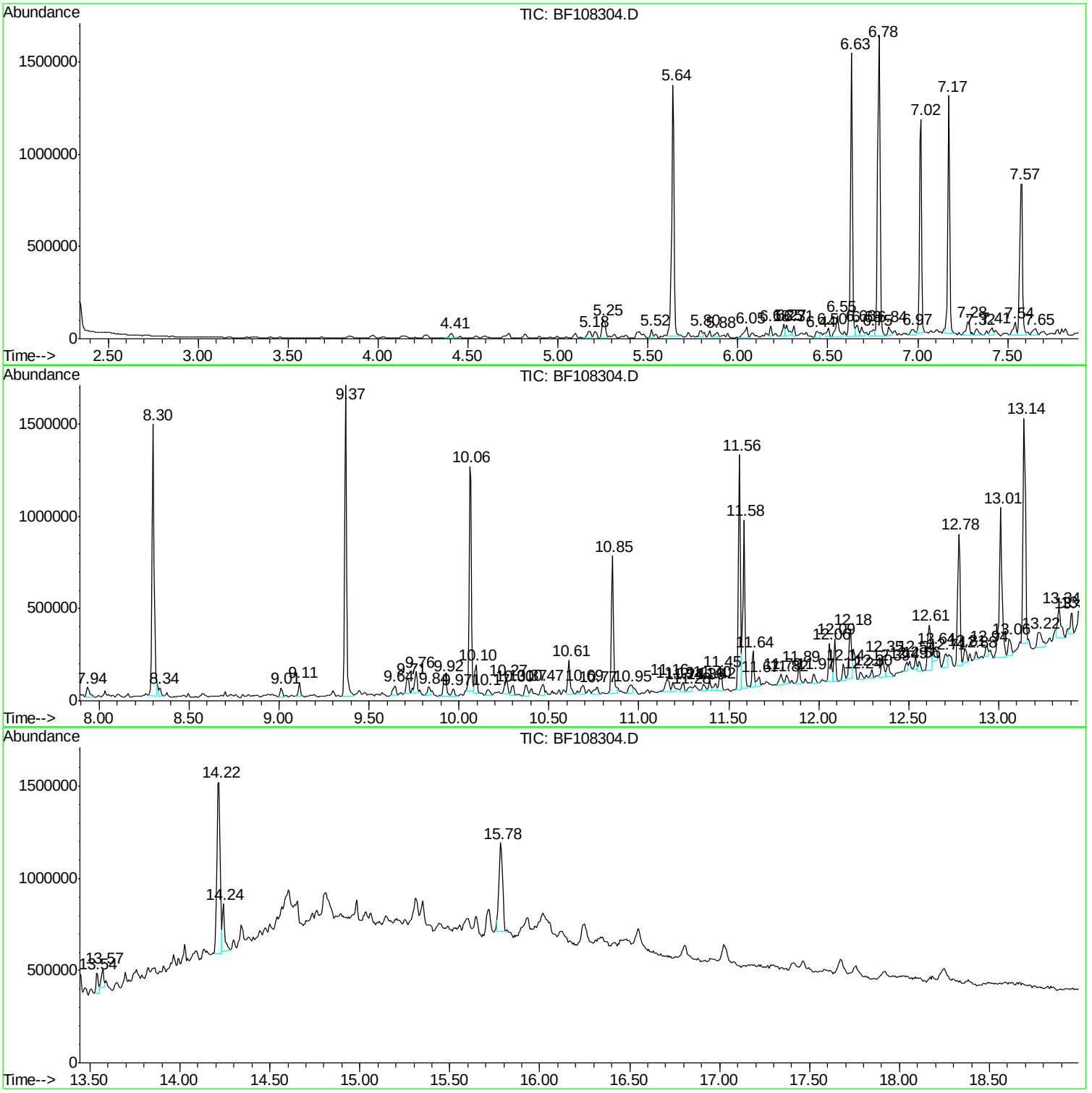
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
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Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

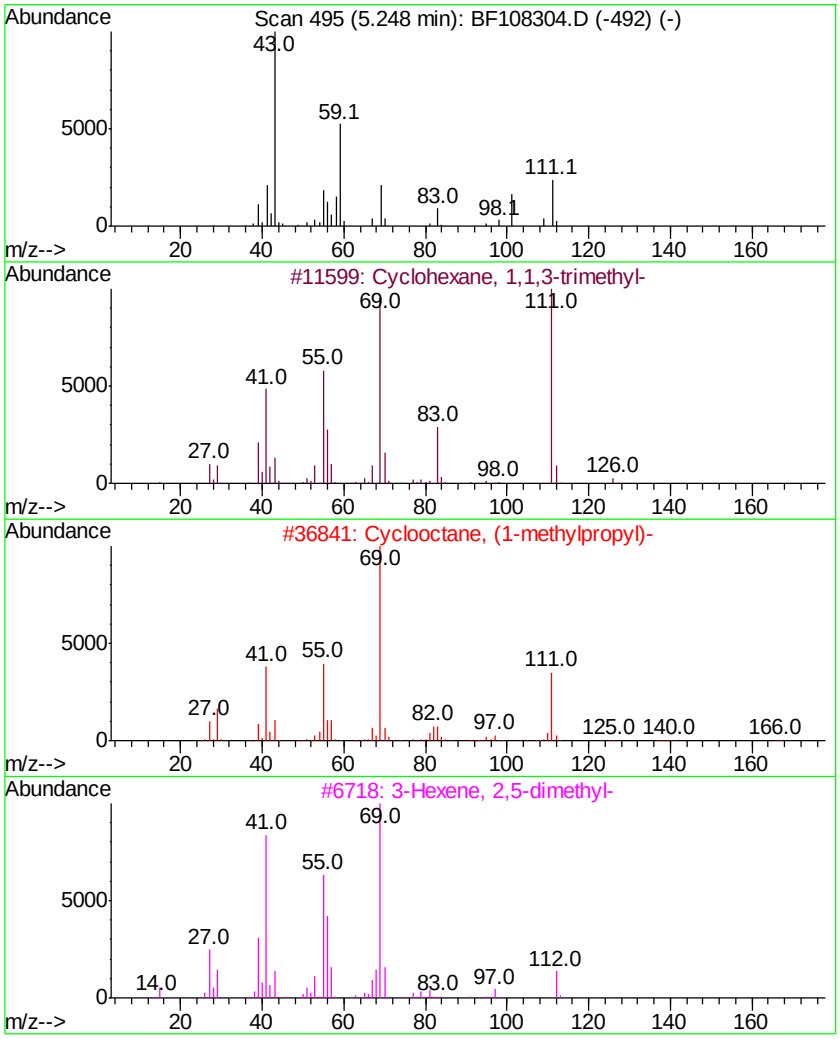
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

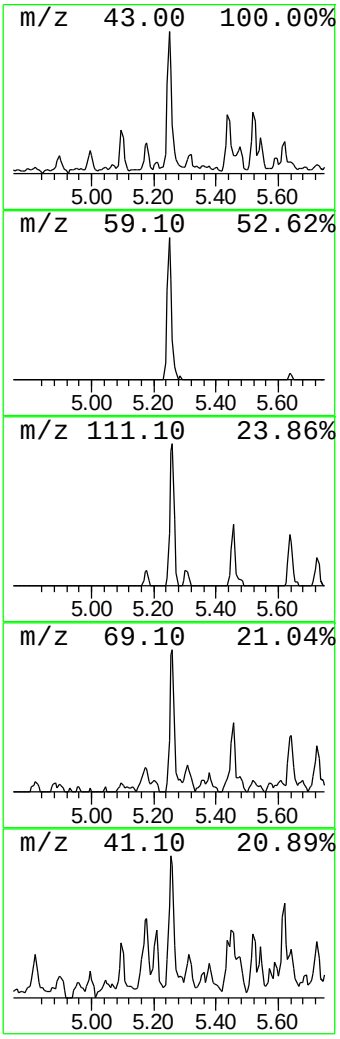
****

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.40 ng	125224	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
3	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	42
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	40
5	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	35





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

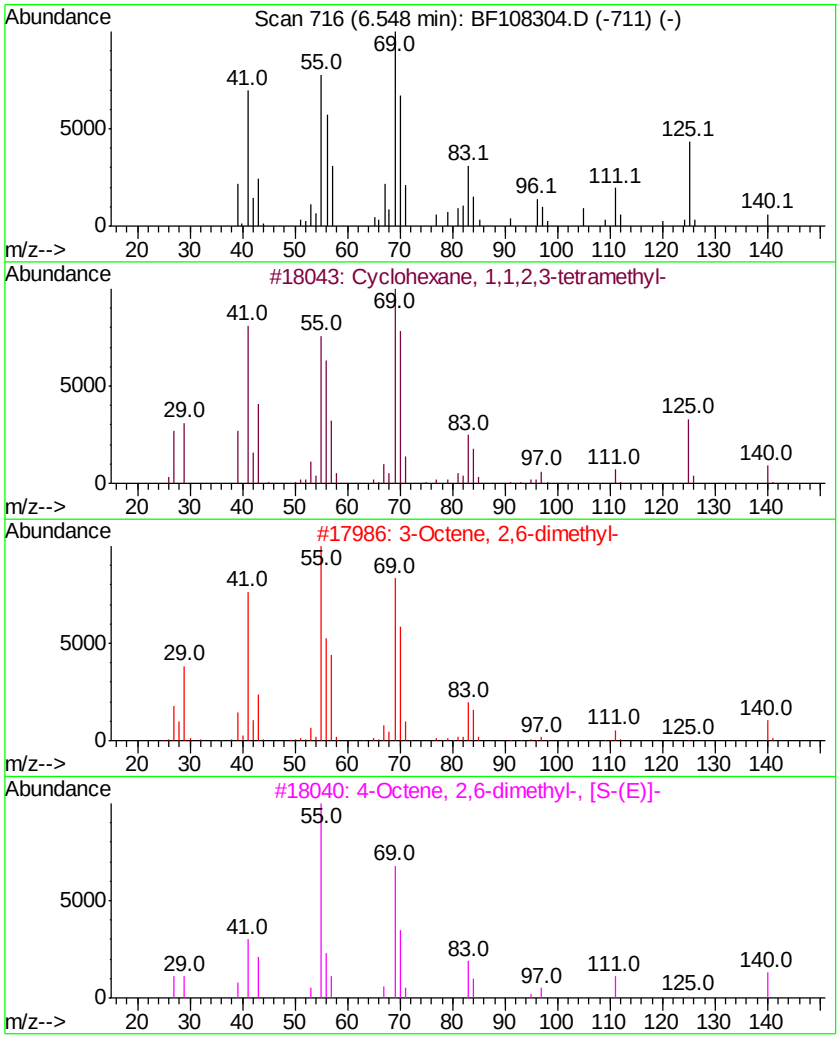
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

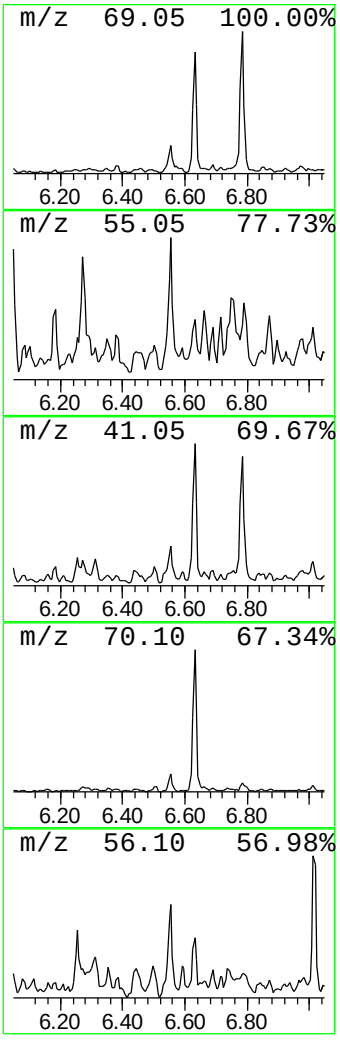
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	3.05 ng	159463	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	70
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	58





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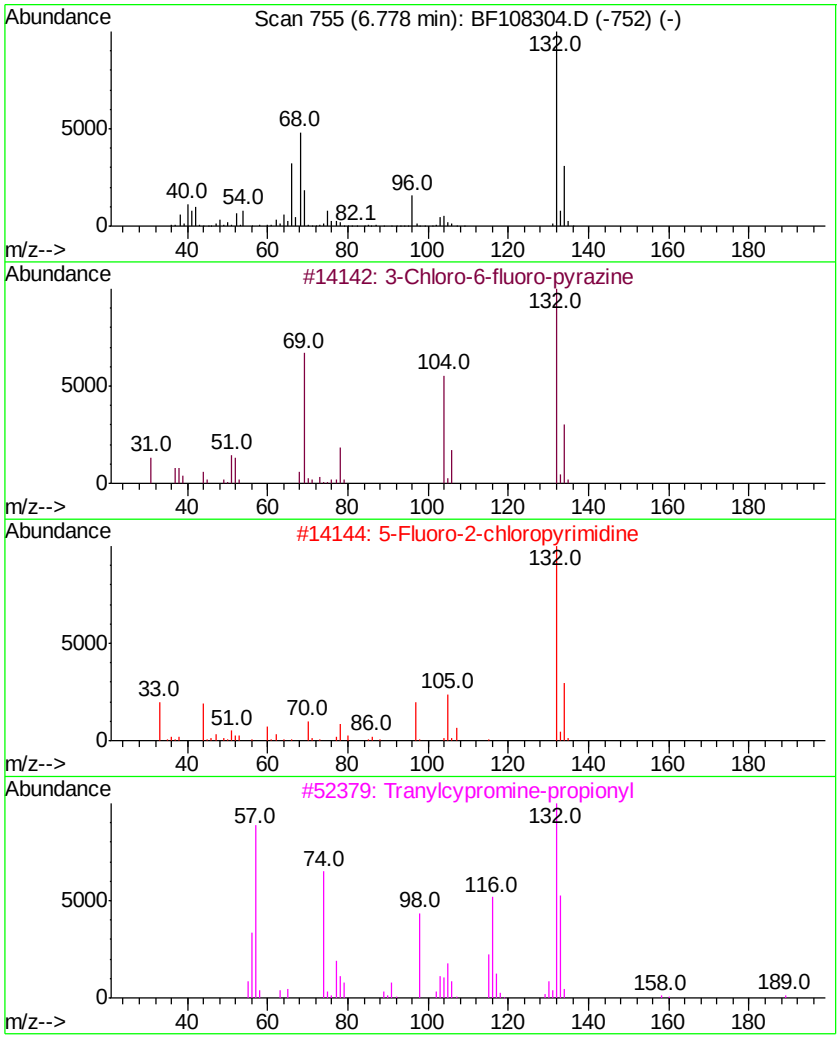
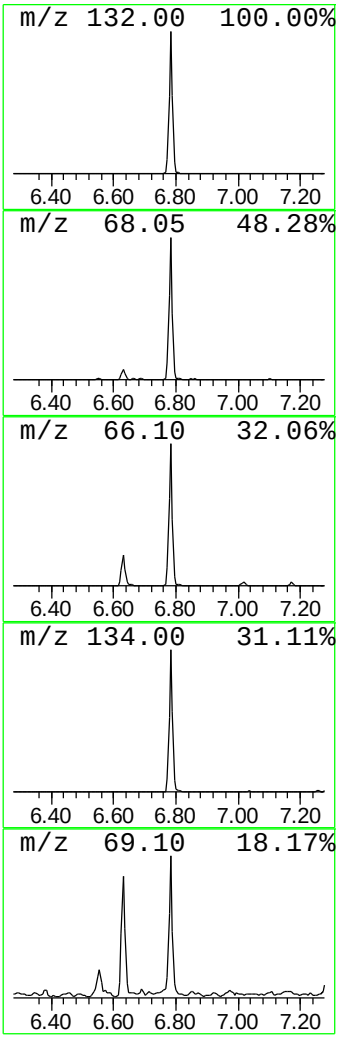
****

Peak Number 3 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	26.19 ng	1368070	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

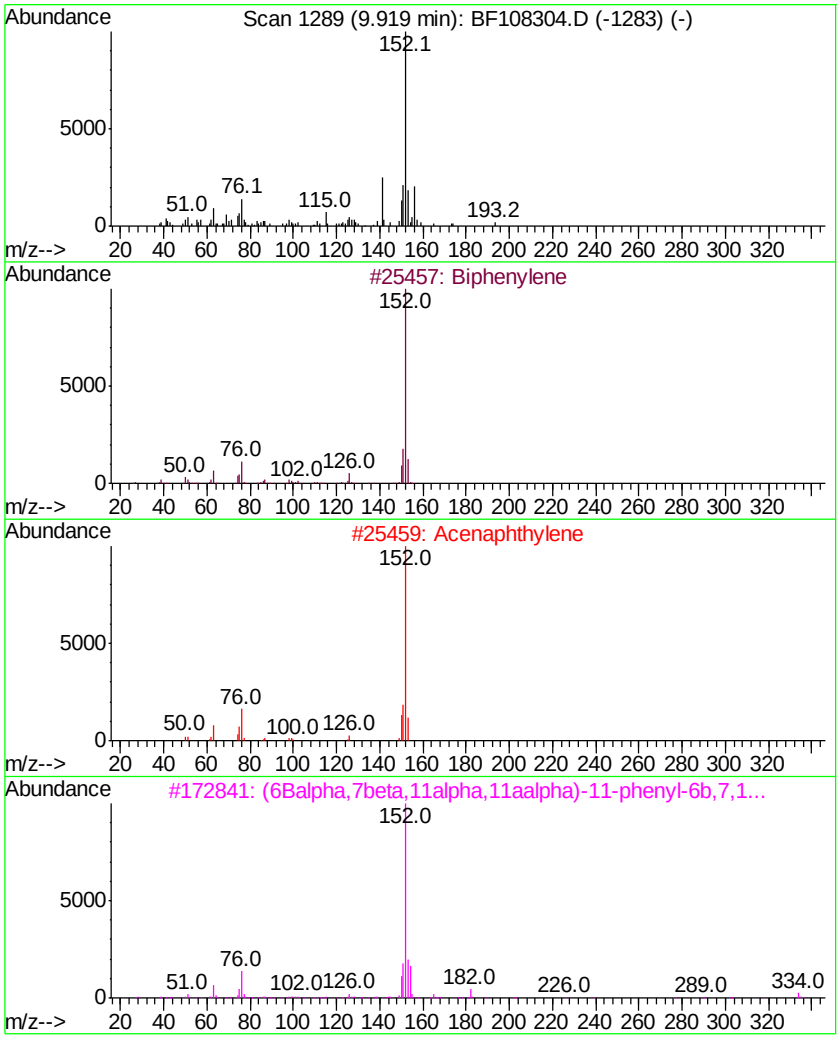
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

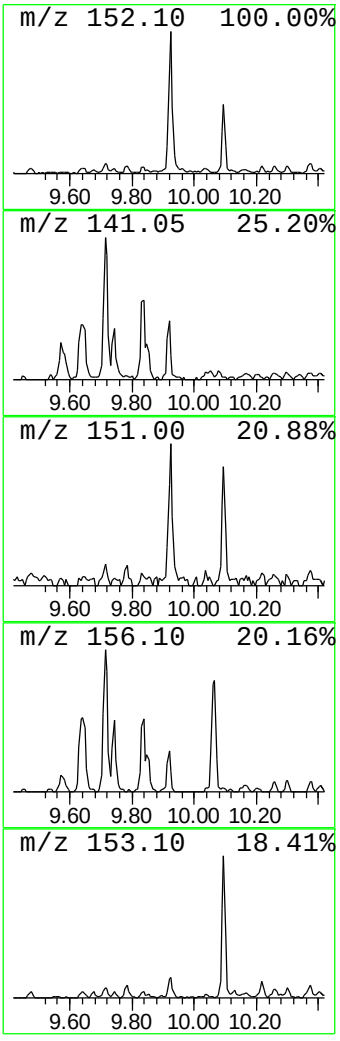
****

Peak Number 5 Biphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.43 ng	139775	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	76
2	Acenaphthylene	152	C12H8	000208-96-8	52
3	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	50
4	5-Chlorobenzimidazole	152	C7H5ClN2	004887-82-5	37
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	35





Library Search Compound Report

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Data File : BF108304.D
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Operator : JU/SJ
Sample : J4277-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

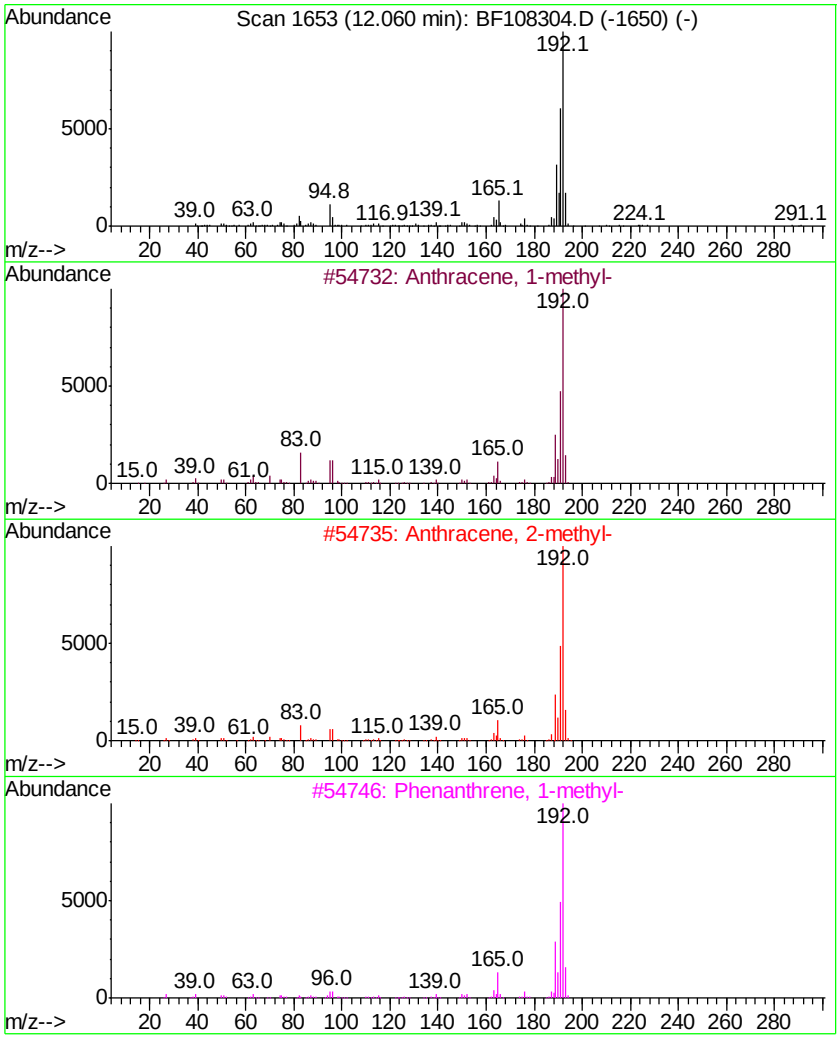
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

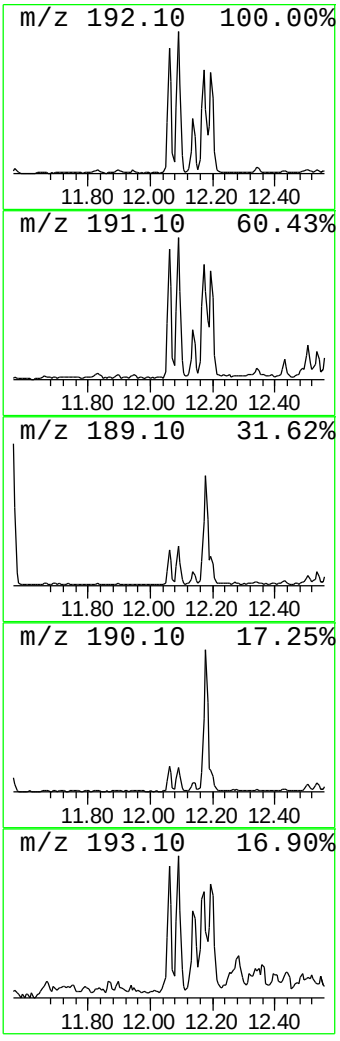
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.53 ng	200840	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

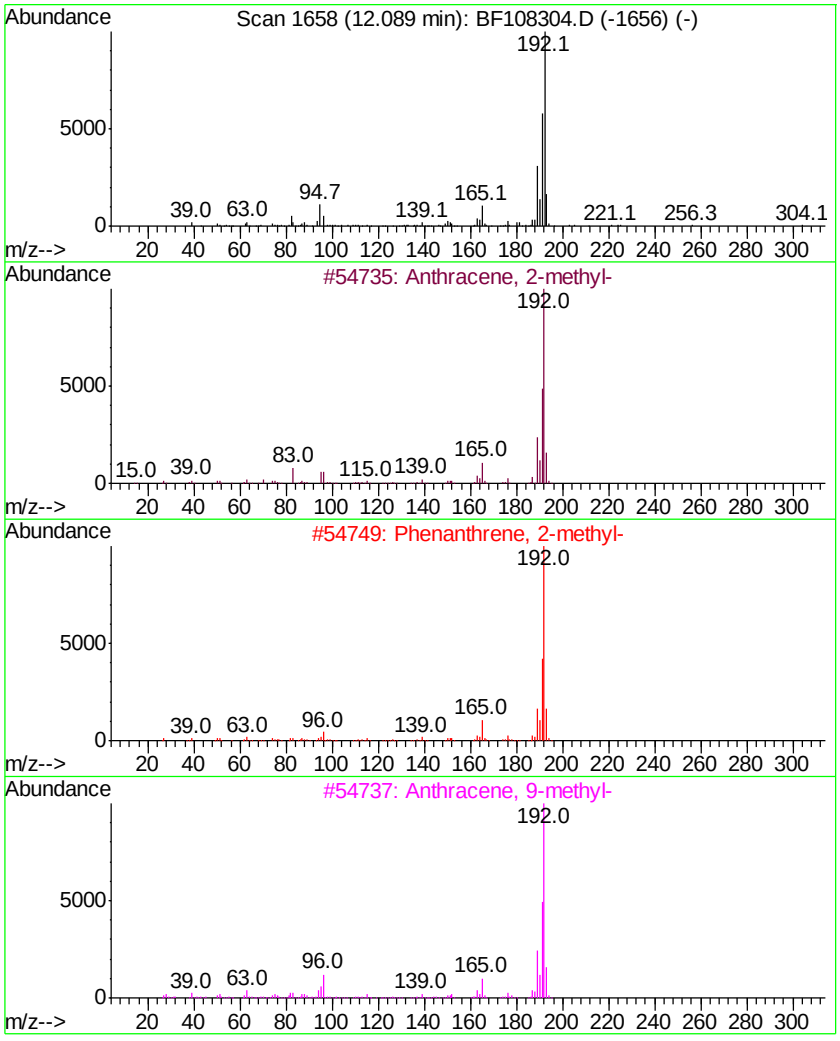
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

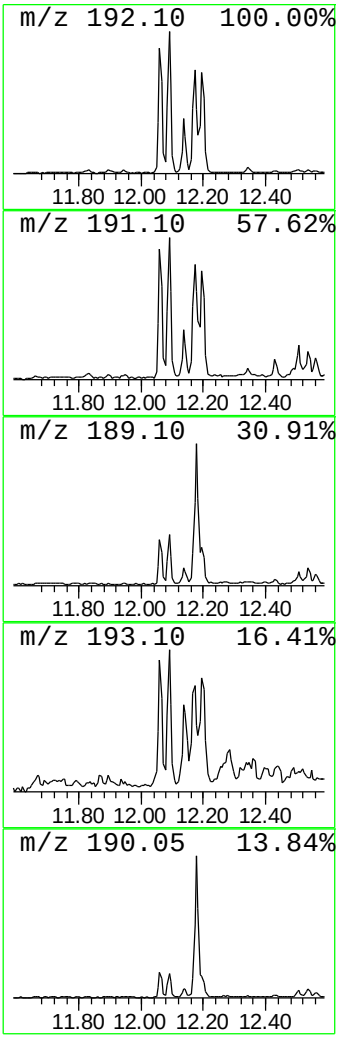
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.24 ng	184373	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

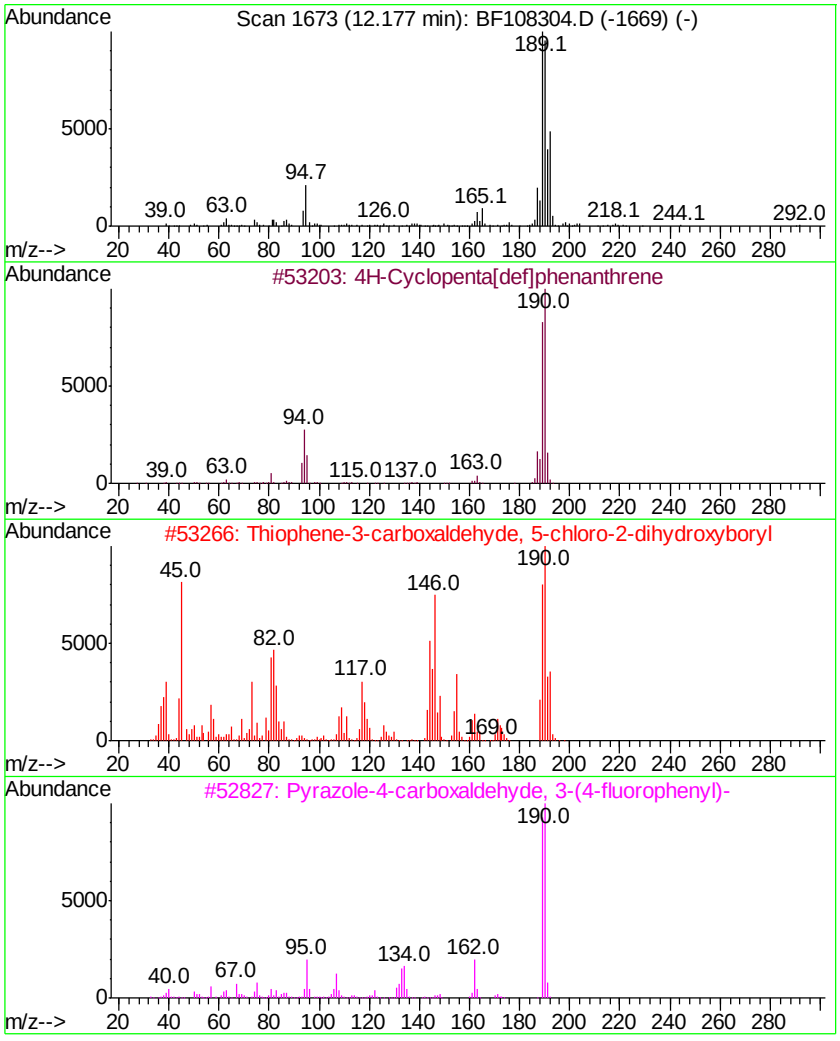
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

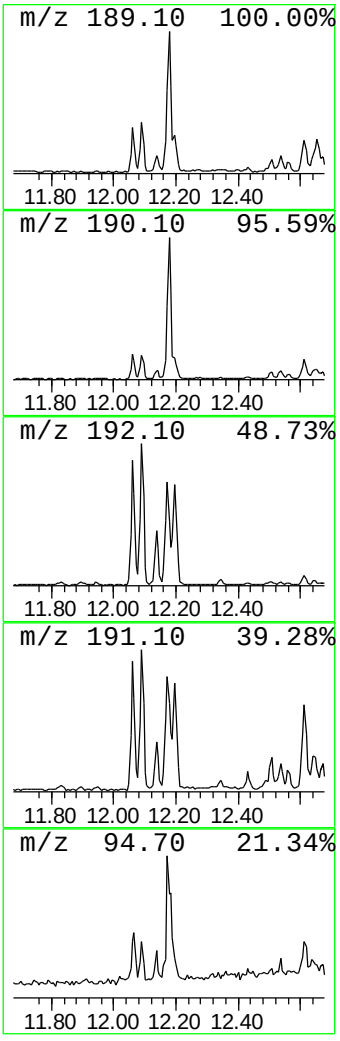
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.77 ng	327838	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	46
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

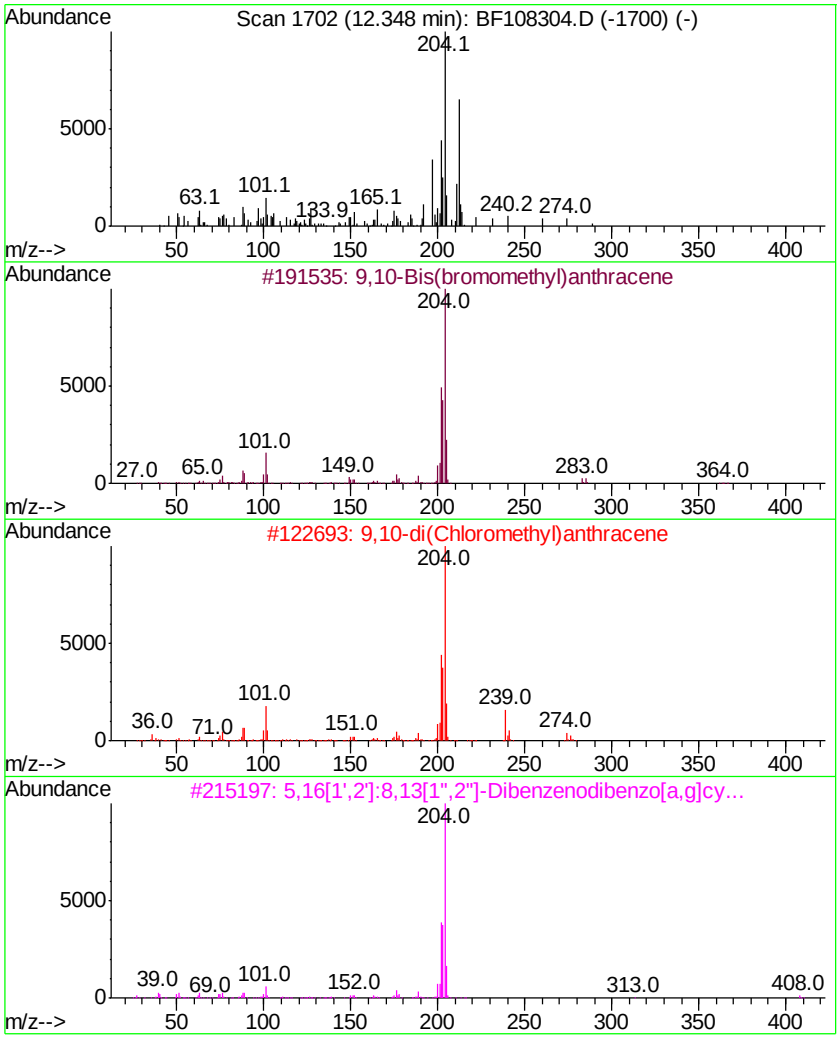
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

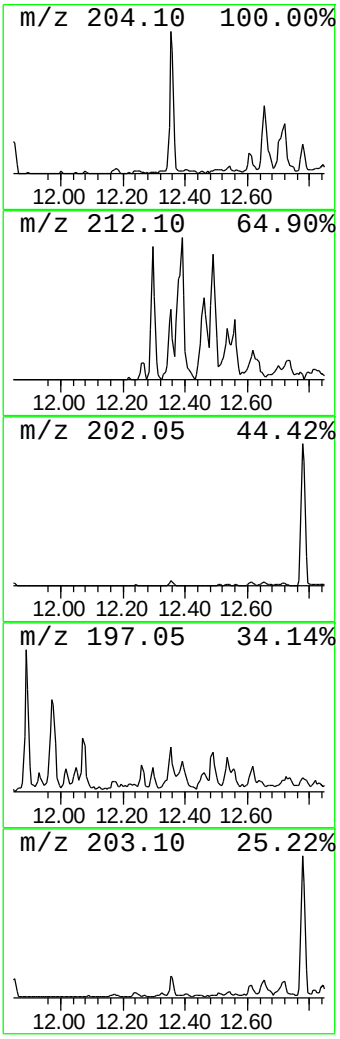
****

Peak Number 9 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.11 ng	119860	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	76
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	68
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





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Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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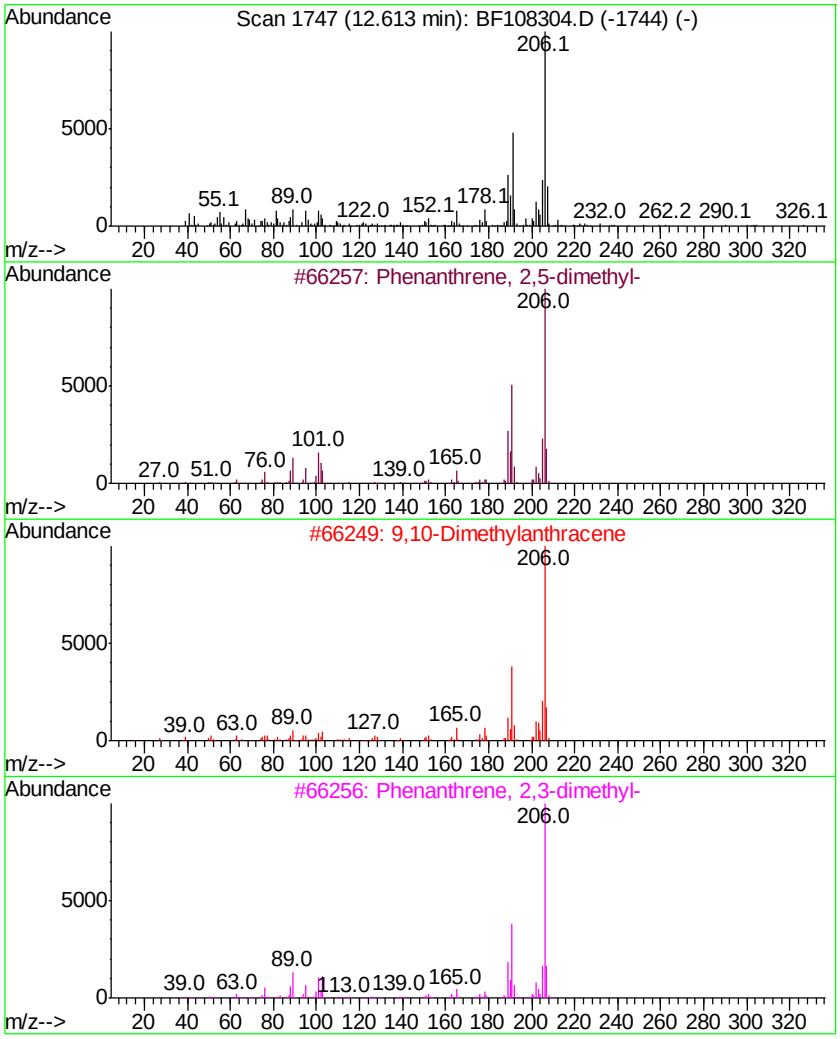
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

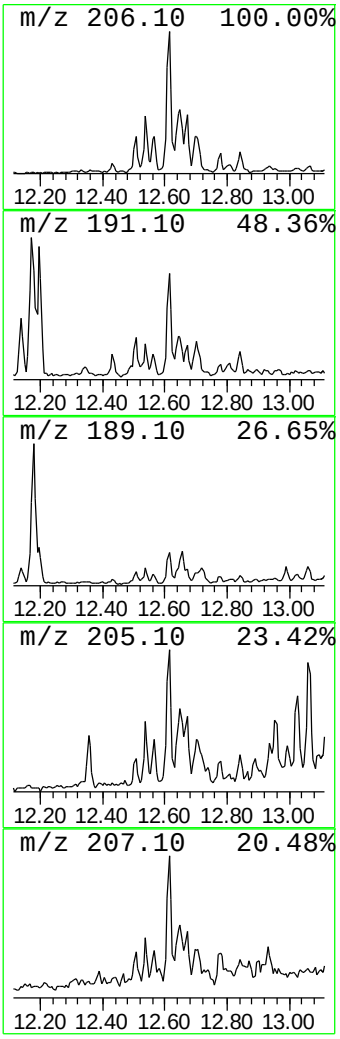
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.18 ng	294503	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





Library Search Compound Report

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Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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

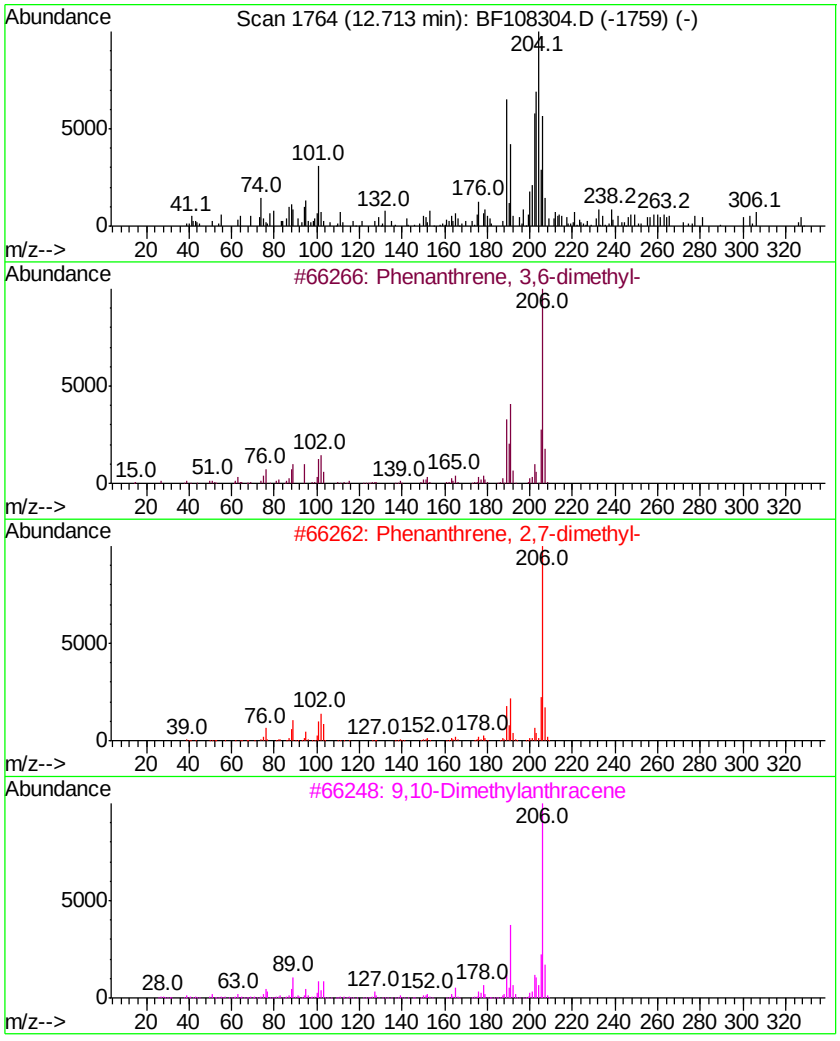
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

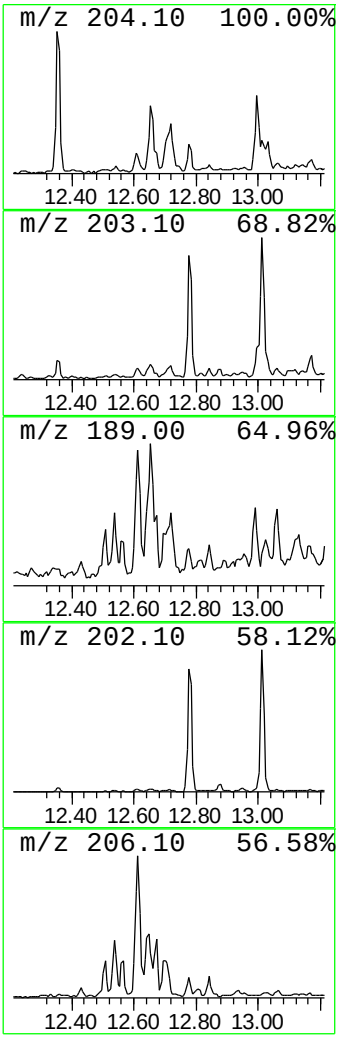
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.10 ng	119377	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	68





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Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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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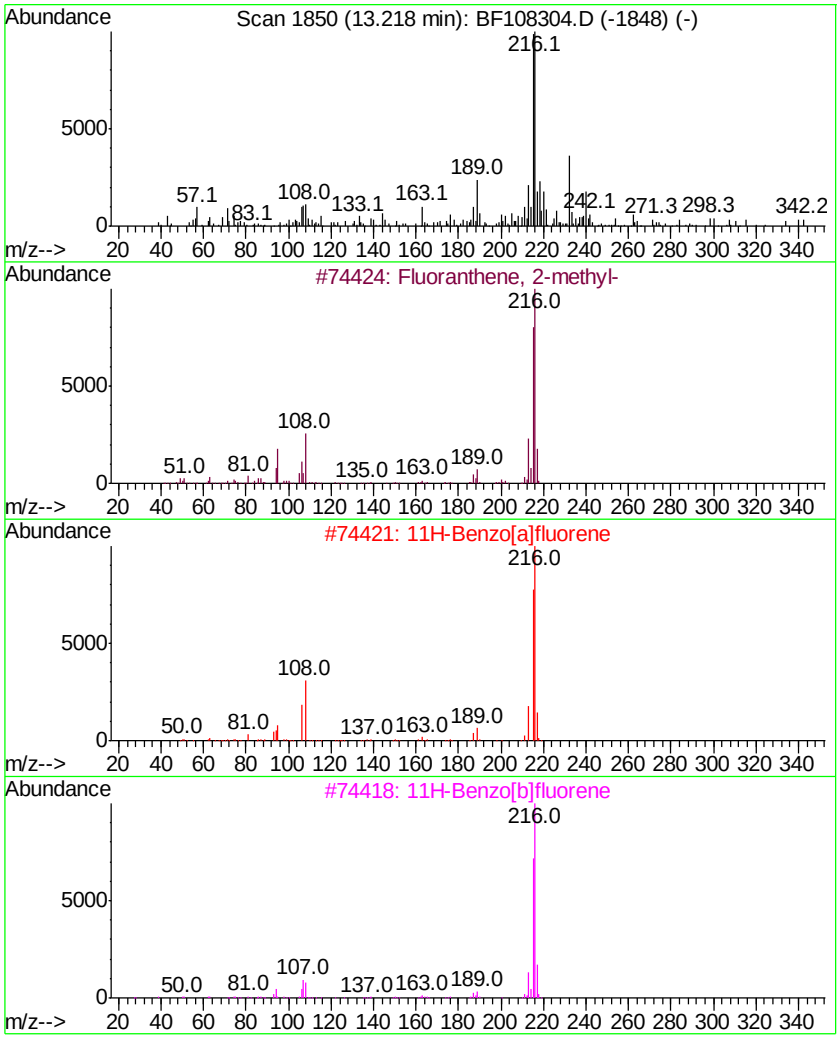
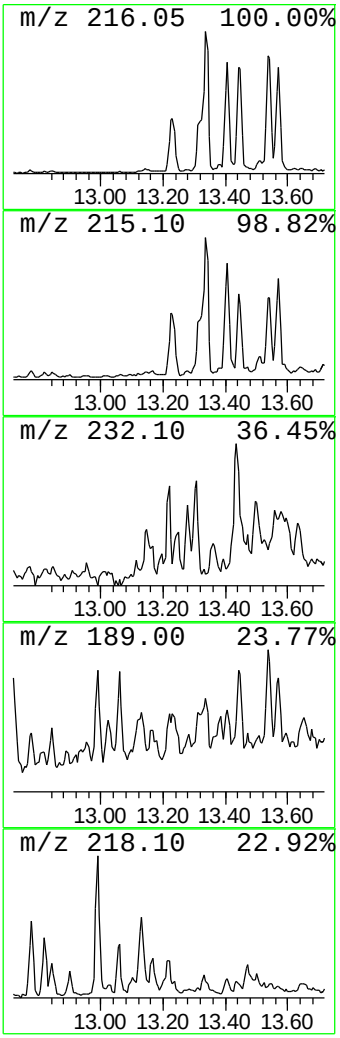
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.73 ng	152742	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	59





Library Search Compound Report

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Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

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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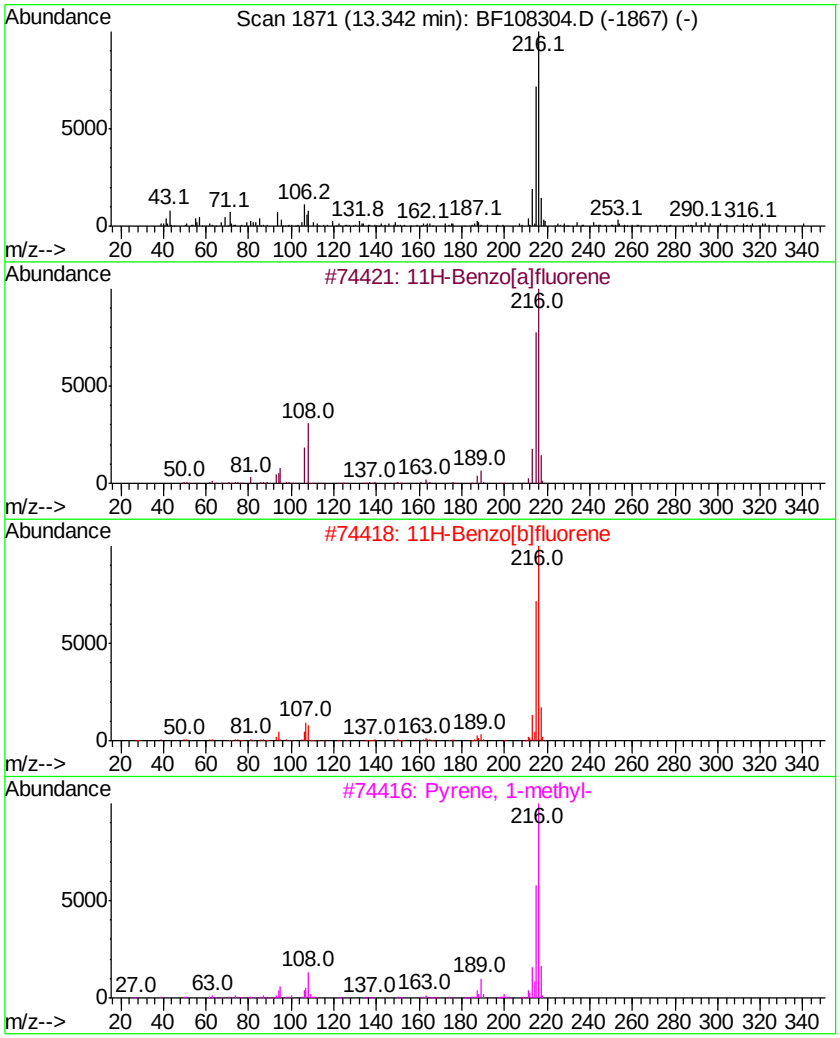
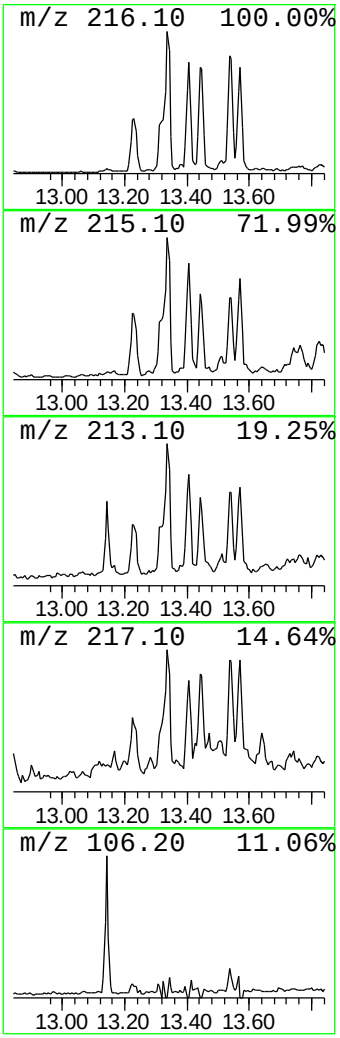
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.02 ng	224674	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	1000124-14-2	78





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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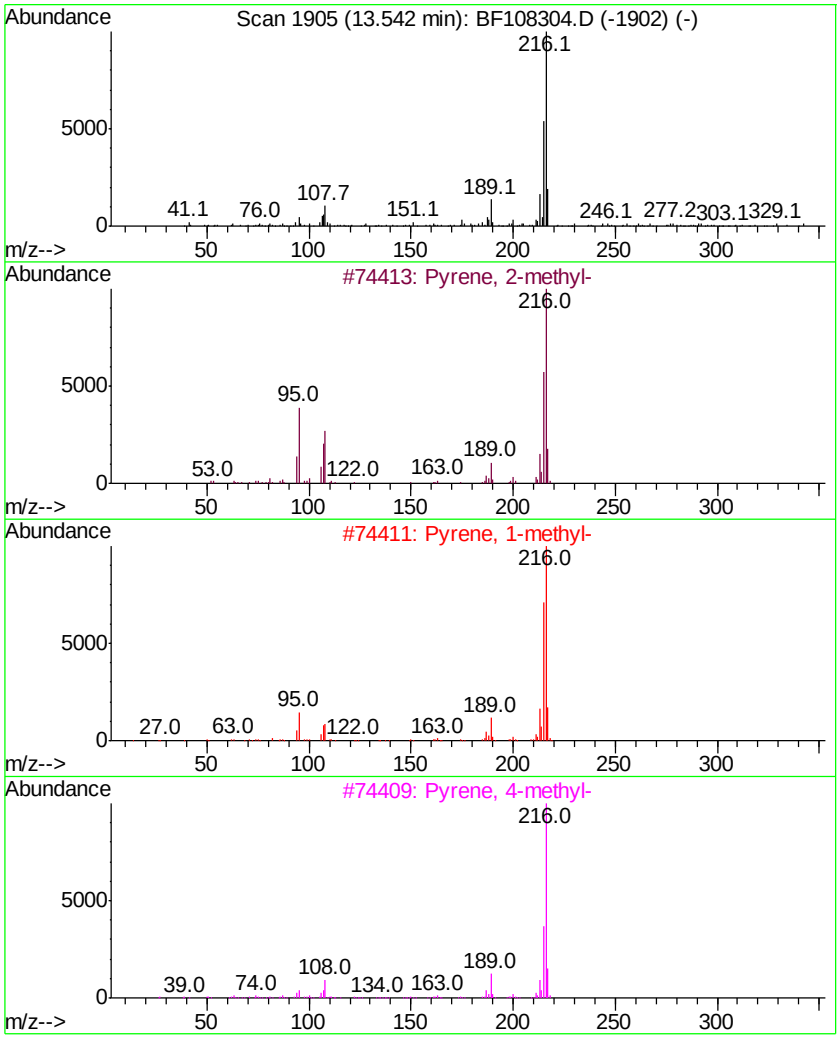
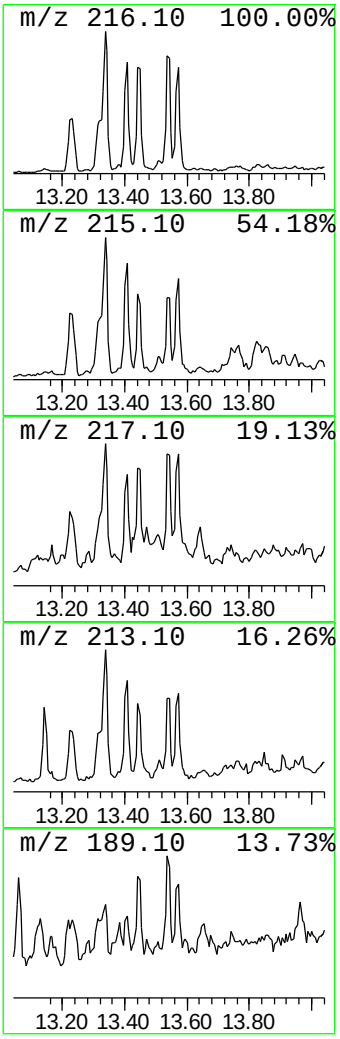
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.11 ng	118066	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1,1,...	5.25	2.4	ng	125224	1	7.02	1044700	20.0
Cyclohexane, 1,1,...	6.55	3.0	ng	159463	1	7.02	1044700	20.0
unknown6.78	6.78	26.2	ng	1368070	1	7.02	1044700	20.0
Biphenylene	9.92	2.4	ng	139775	3	10.06	1151480	20.0
Anthracene, 1-met...	12.06	3.5	ng	200840	4	11.56	1136640	20.0
Anthracene, 2-met...	12.09	3.2	ng	184373	4	11.56	1136640	20.0
4H-Cyclopenta[def...	12.18	5.8	ng	327838	4	11.56	1136640	20.0
9,10-Bis(bromomet...	12.35	2.1	ng	119860	4	11.56	1136640	20.0
Phenanthrene, 2,5...	12.61	5.2	ng	294503	4	11.56	1136640	20.0
Phenanthrene, 3,6...	12.71	2.1	ng	119377	4	11.56	1136640	20.0
Fluoranthene, 2-m...	13.22	2.7	ng	152742	5	14.22	1117700	20.0
11H-Benzo[a]fluorene	13.34	4.0	ng	224674	5	14.22	1117700	20.0
Pyrene, 2-methyl-	13.54	2.1	ng	118066	5	14.22	1117700	20.0