LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098762.D
Acq On : 24 Sep 2017 2:11
Operator : SJ/JU
Sample : I5360-13 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	4.022	325	329	334	rVB	68933	86397	6.78%	0.530%
2	5.140	516	519	524	rBV	77139	82169	6.45%	0.504%
3	5.410	561	565	569	rBV	44971	40828	3.21%	0.250%
4	5.528	579	585	589	rBV2	569017	666080	52.29%	4.087%
5	5.775	622	627	631	rVB2	120403	154488	12.13%	0.948%
6	6.451	739	742	744	rBV	57071	50138	3.94%	0.308%
7	6.481	744	747	750	rVB	43541	34712	2.72%	0.213%
8	6.534	751	756	760	rVV	601900	534495	41.96%	3.279%
9	6.610	764	769	771	rVV	33562	28845	2.26%	0.177%
10	6.686	778	782	785	rVV	629195	507422	39.83%	3.113%
11	6.745	789	792	797	rBV2	233857	233953	18.37%	1.435%
12	6.792	797	800	803	rVB	28535	26018	2.04%	0.160%
13	6.922	818	822	826	rVV	989471	808937	63.50%	4.963%
14	6.981	828	832	836	rVV	62081	60324	4.74%	0.370%
15	7.016	836	838	841	rVV	32126	25605	2.01%	0.157%
16	7.075	845	848	851	rVV	421162	375274	29.46%	2.302%
17	7.192	861	868	871	rBV3	23164	32343	2.54%	0.198%
18	7.239	871	876	878	rBV	43022	34123	2.68%	0.209%
19	7.322	885	890	893	rBV3	13507	17128	1.34%	0.105%
20	7.451	908	912	914	rBV	49642	46527	3.65%	0.285%
21	7.475	914	916	920	rVV	286564	259258	20.35%	1.591%
22	7.510	921	922	927	rVB3	23296	22022	1.73%	0.135%
23	7.716	955	957	958	rBV	33443	27358	2.15%	0.168%
24	7.733	958	960	963	rVB	65710	48864	3.84%	0.300%
25	7.822	971	975	978	rVB3	17833	16793	1.32%	0.103%
26	7.928	987	993	995	rBV	56217	66138	5.19%	0.406%
27	7.951	995	997	1001	rVB4	51577	45132	3.54%	0.277%
28	8.057	1010	1015	1020	rBV4	20107	25170	1.98%	0.154%
29	8.104	1020	1023	1026	rVV	106098	96002	7.54%	0.589%
30	8.139	1026	1029	1033	rVV5	15342	22088	1.73%	0.136%
31	8.180	1033	1036	1037	rVV	25553	25715	2.02%	0.158%
32	8.204	1037	1040	1042	rVV	1166403	1003773	78.80%	6.158%
33	8.228	1042	1044	1047	rVV2	635380	508182	39.89%	3.118%
34	8.251	1047	1048	1051	rVV2	24168	21686	1.70%	0.133%

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Sample : I5360-13 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.786	1136	1139	1141	rBV2	20909	17150	1.35%	0.105%
36	8.916	1158	1161	1164	rVB	216377	157245	12.34%	0.965%
37	9.016	1174	1178	1181	rBV	126899	99110	7.78%	0.608%
38	9.275	1218	1222	1226	rVB	585056	443371	34.81%	2.720%
39	9.380	1237	1240	1242	rVB	31261	25825	2.03%	0.158%
40	9.539	1264	1267	1271	rVB2	27186	35394	2.78%	0.217%
41	9.616	1276	1280	1283	rVV	43903	41037	3.22%	0.252%
42	9.645	1283	1285	1286	rVV	23059	17060	1.34%	0.105%
43	9.669	1286	1289	1295	rVB	60852	58282	4.58%	0.358%
44	9.733	1295	1300	1302	rBV	24488	20234	1.59%	0.124%
45	9.822	1309	1315	1318	rBV	52491	50069	3.93%	0.307%
46	9.880	1318	1325	1327	rVV4	17504	21989	1.73%	0.135%
47	9.963	1335	1339	1342	rVV	846336	772840	60.67%	4.742%
48	9.992	1342	1344	1348	rVB	114812	85186	6.69%	0.523%
49	10.163	1367	1373	1376	rVB	89117	77148	6.06%	0.473%
50	10.198	1376	1379	1384	rVB2	18300	18997	1.49%	0.117%
51	10.274	1388	1392	1394	rBV2	15407	17722	1.39%	0.109%
52	10.380	1408	1410	1413	rVB	29095	21575	1.69%	0.132%
53	10.504	1428	1431	1437	rVB	83612	78668	6.18%	0.483%
54	10.745	1468	1472	1476	rVB	252699	210841	16.55%	1.294%
55	10.869	1488	1493	1496	rBV3	40706	55292	4.34%	0.339%
56	11.051	1515	1524	1527	rBV6	26262	48291	3.79%	0.296%
57	11.251	1555	1558	1561	rVB	35479	33345	2.62%	0.205%
58	11.304	1563	1567	1569	rVB3	28287	28564	2.24%	0.175%
59	11.345	1569	1574	1579	rVB2	35023	43365	3.40%	0.266%
60	11.445	1588	1591	1593	rBV	820276	731200	57.40%	4.486%
61	11.469	1593	1595	1599	rVB	528604	418261	32.83%	2.566%
62	11.521	1601	1604	1607	rVB	173437	127287	9.99%	0.781%
63	11.551	1607	1609	1613	rBV2	23410	25157	1.97%	0.154%
64	11.674	1627	1630	1634	rVB	63464	54406	4.27%	0.334%
65	11.739	1636	1641	1643	rVV3	21024	28460	2.23%	0.175%
66	11.774	1645	1647	1651	rVB2	19890	17237	1.35%	0.106%
67	11.945	1674	1676	1679	rBV	66996	77895	6.11%	0.478%
68	11.974	1679	1681	1684	rVB	102117	82710	6.49%	0.507%
69	12.021	1686	1689	1692	rBV	42264	37418	2.94%	0.230%
70	12.063	1692	1696	1698	rBV2	128846	135787	10.66%	0.833%
71	12.133	1706	1708	1713	rBV4	13783	18964	1.49%	0.116%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.245	1723	1727	1728	rBV	47363	45538	3.57%	0.279%
73	12.263	1728	1730	1734	rVB2	39436	36374	2.86%	0.223%
74	12.421	1755	1757	1759	rBV	21373	18386	1.44%	0.113%
75	12.445	1759	1761	1763	rVB	24085	18668	1.47%	0.115%
76	12.498	1767	1770	1772	rBV	57944	57969	4.55%	0.356%
77	12.527	1772	1775	1778	rBV4	31491	39258	3.08%	0.241%
78	12.580	1782	1784	1790	rBV2	50052	56296	4.42%	0.345%
79	12.663	1794	1798	1801	rBV	733783	633485	49.73%	3.887%
80	12.704	1802	1805	1807	rVV3	39205	40502	3.18%	0.248%
81	12.751	1811	1813	1816	rVB	23818	22377	1.76%	0.137%
82	12.810	1821	1823	1826	rBV	27661	25370	1.99%	0.156%
83	12.892	1830	1837	1843	rBV	707756	803083	63.04%	4.927%
84	12.939	1843	1845	1849	rVV3	30912	34274	2.69%	0.210%
85	13.004	1854	1856	1857	rBV2	36935	29728	2.33%	0.182%
86	13.027	1857	1860	1867	rVB	502294	474519	37.25%	2.911%
87	13.115	1870	1875	1877	rBV3	61307	91789	7.21%	0.563%
88	13.192	1886	1888	1890	rBV3	37722	48691	3.82%	0.299%
89	13.215	1890	1892	1895	rVB	118989	97282	7.64%	0.597%
90	13.280	1901	1903	1905	rBV	78808	69265	5.44%	0.425%
91	13.304	1905	1907	1912	rVB3	139666	167308	13.13%	1.026%
92	13.410	1923	1925	1928	rBV	45529	41511	3.26%	0.255%
93	13.862	2000	2002	2004	rBV	49492	38132	2.99%	0.234%
94	13.886	2004	2006	2009	rBV2	51540	67948	5.33%	0.417%
95	14.086	2032	2040	2043	rBV2	966473	1273839	100.00%	7.815%
96	14.110	2043	2044	2051	rVB	313843	243892	19.15%	1.496%
97	15.139	2216	2219	2223	rBV	223219	358630	28.15%	2.200%
98	15.451	2270	2272	2278	rVB	130861	159970	12.56%	0.981%
99	15.515	2280	2283	2290	rVV	180746	253418	19.89%	1.555%
100	15.586	2290	2295	2306	rVB	486517	784459	61.58%	4.813%

Sum of corrected areas: 16299330

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Acq On : 24 Sep 2017 2:11
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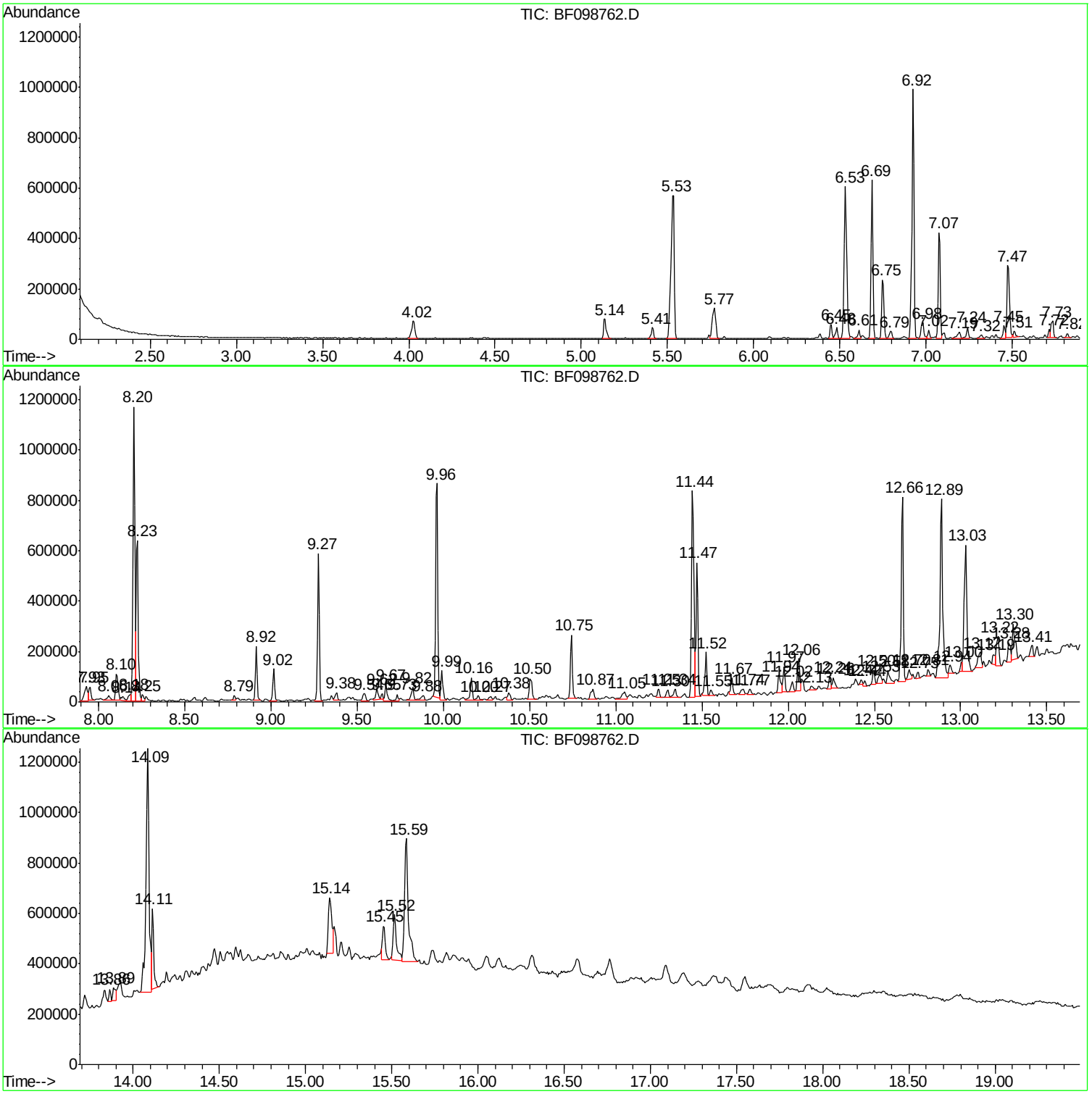
Sample : I5360-13 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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Sample : I5360-13 5X
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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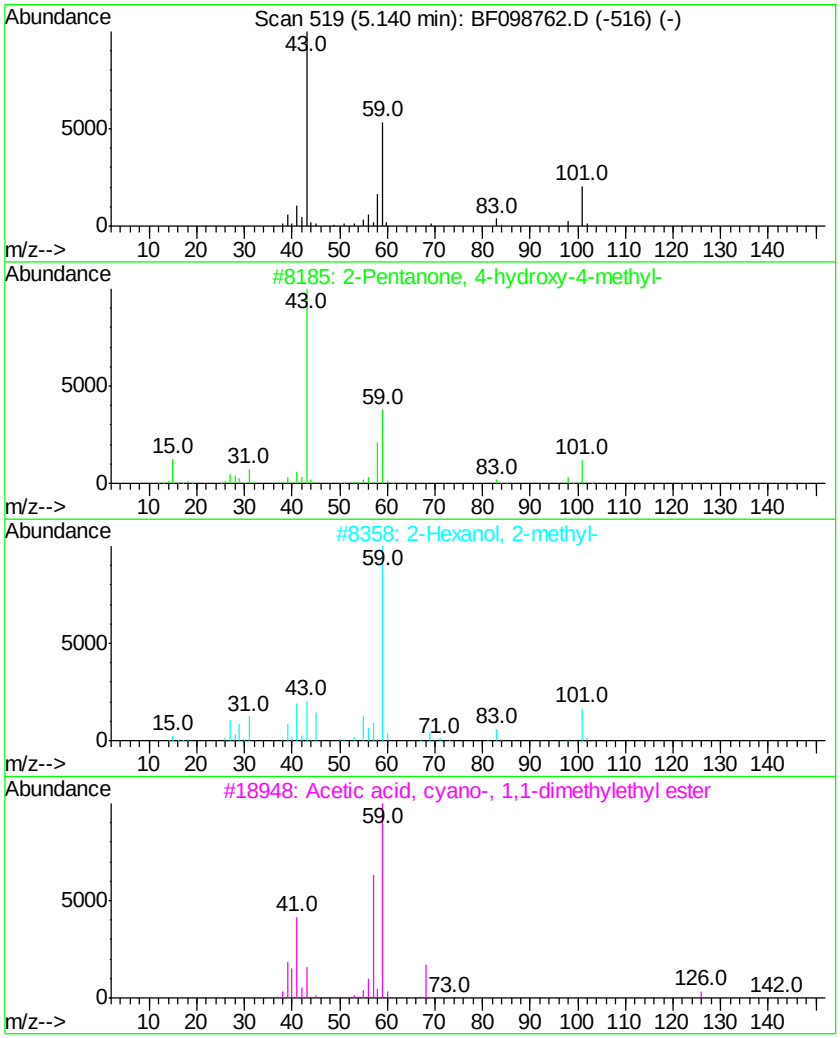
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

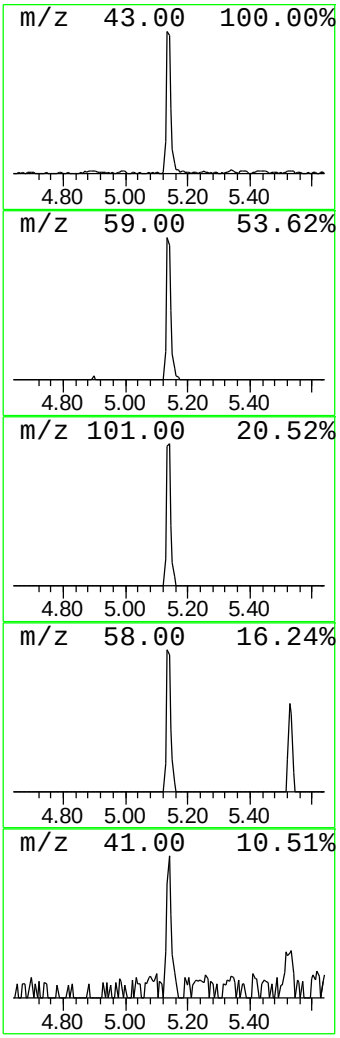
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	2.03 ng	82169	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF098762.D
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Sample : I5360-13 5X
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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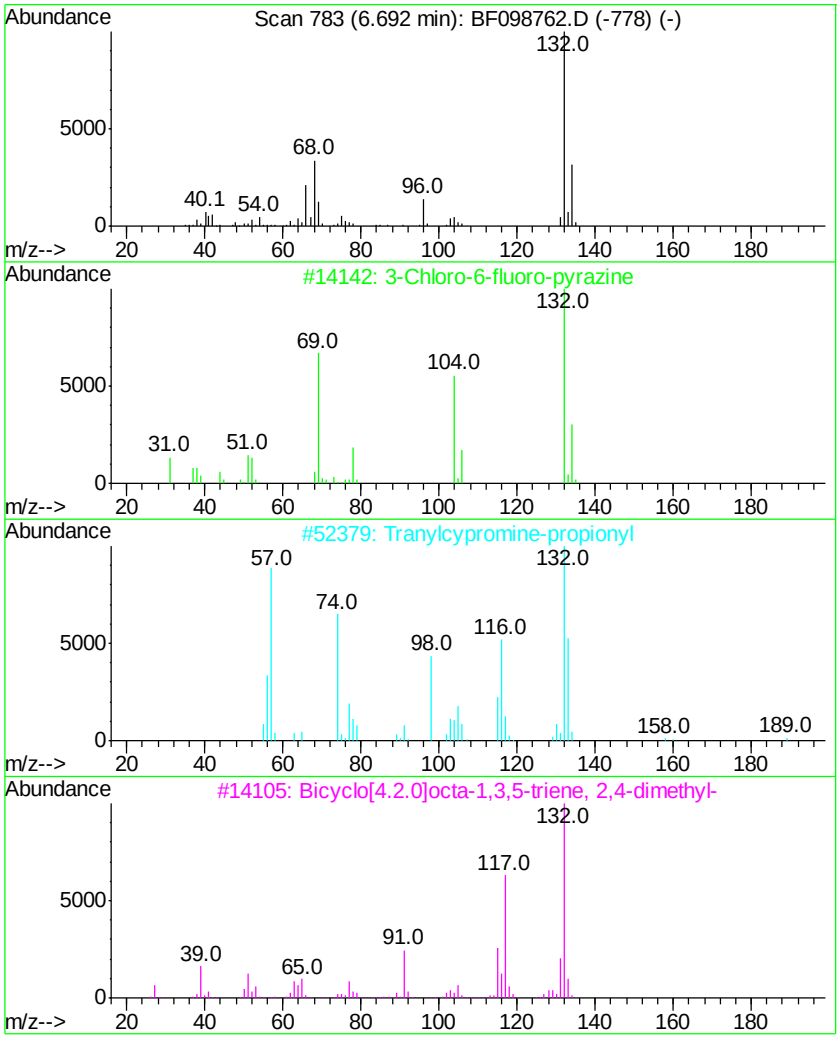
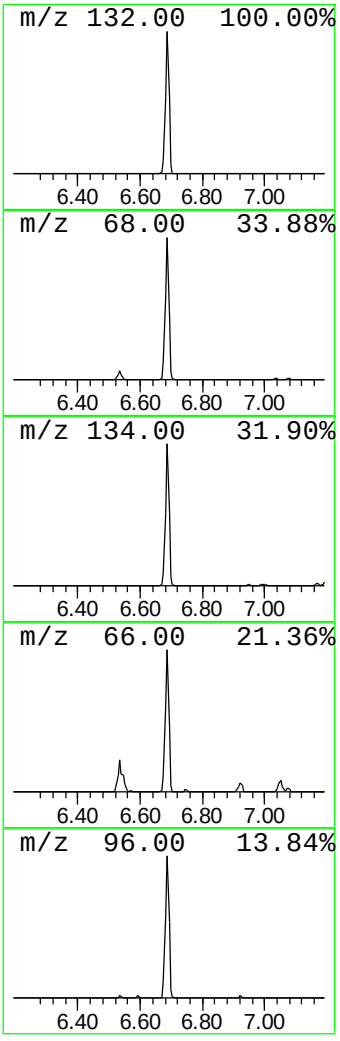
****

Peak Number 4 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	12.55 ng	507422	1,4-Dichlorobenzene-d4	6.92

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

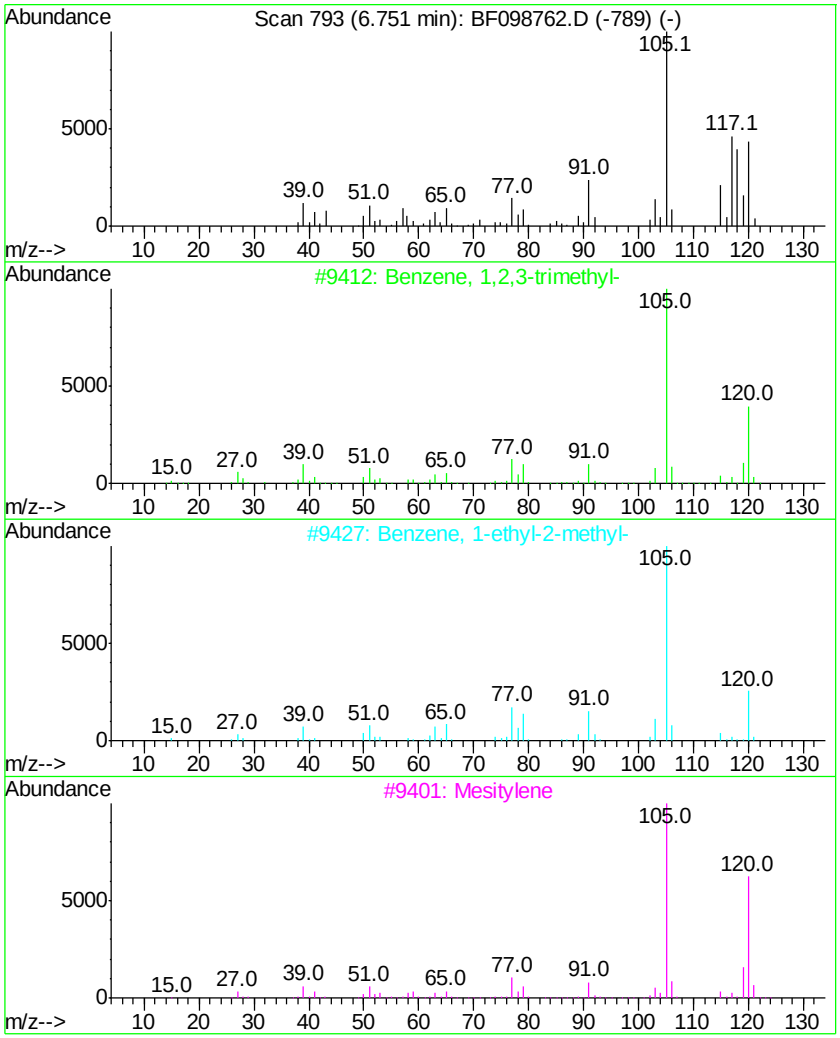
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

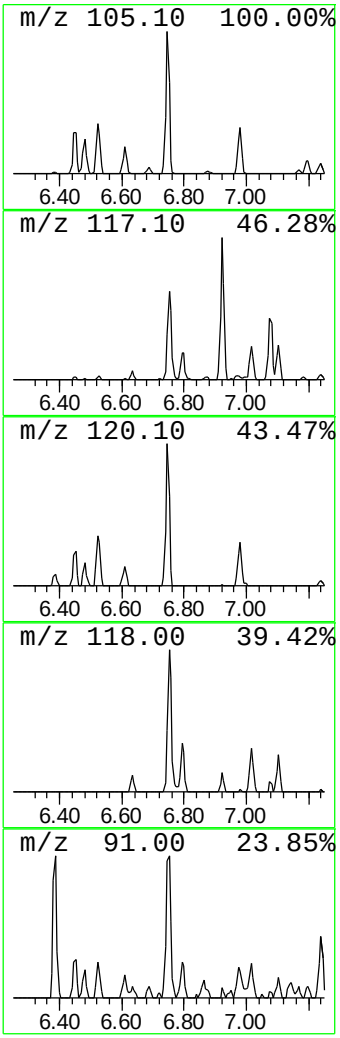
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	5.78 ng	233953	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





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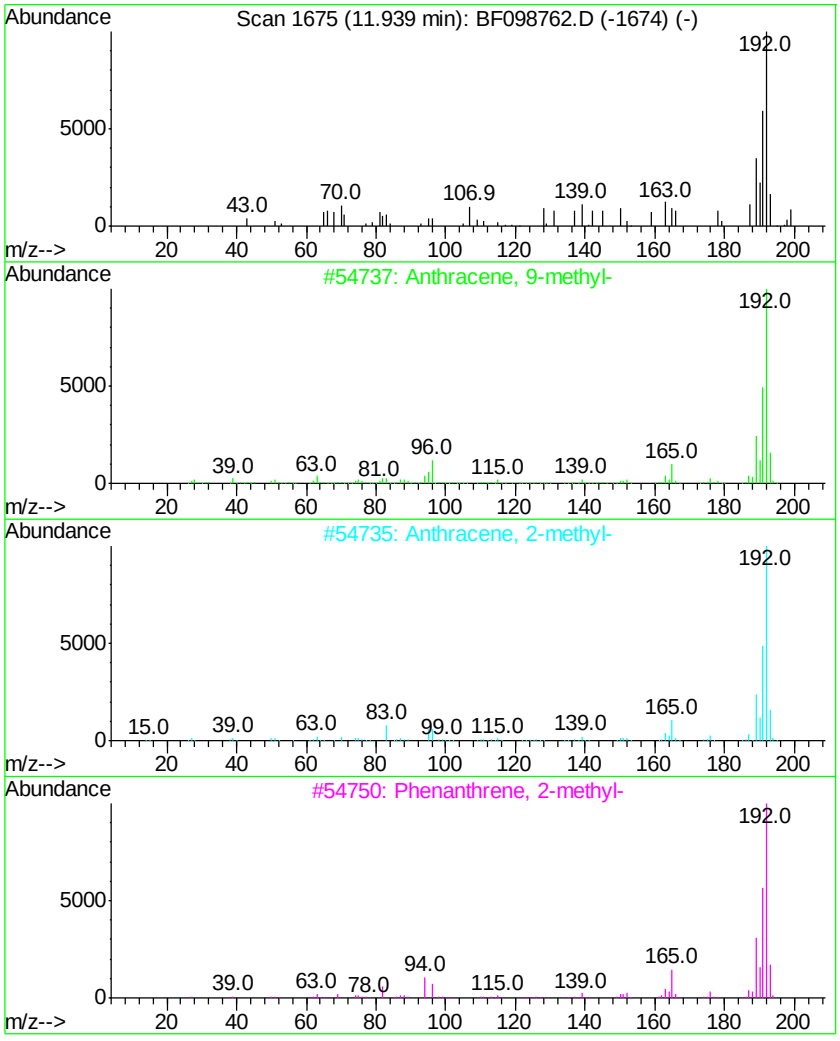
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

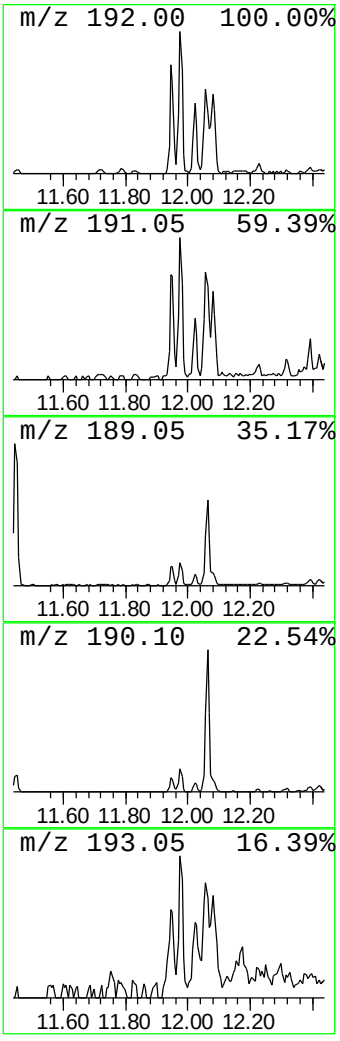
****

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.13 ng	77895	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098762.D
Acq On : 24 Sep 2017 2:11
Operator : SJ/JU
Sample : I5360-13 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

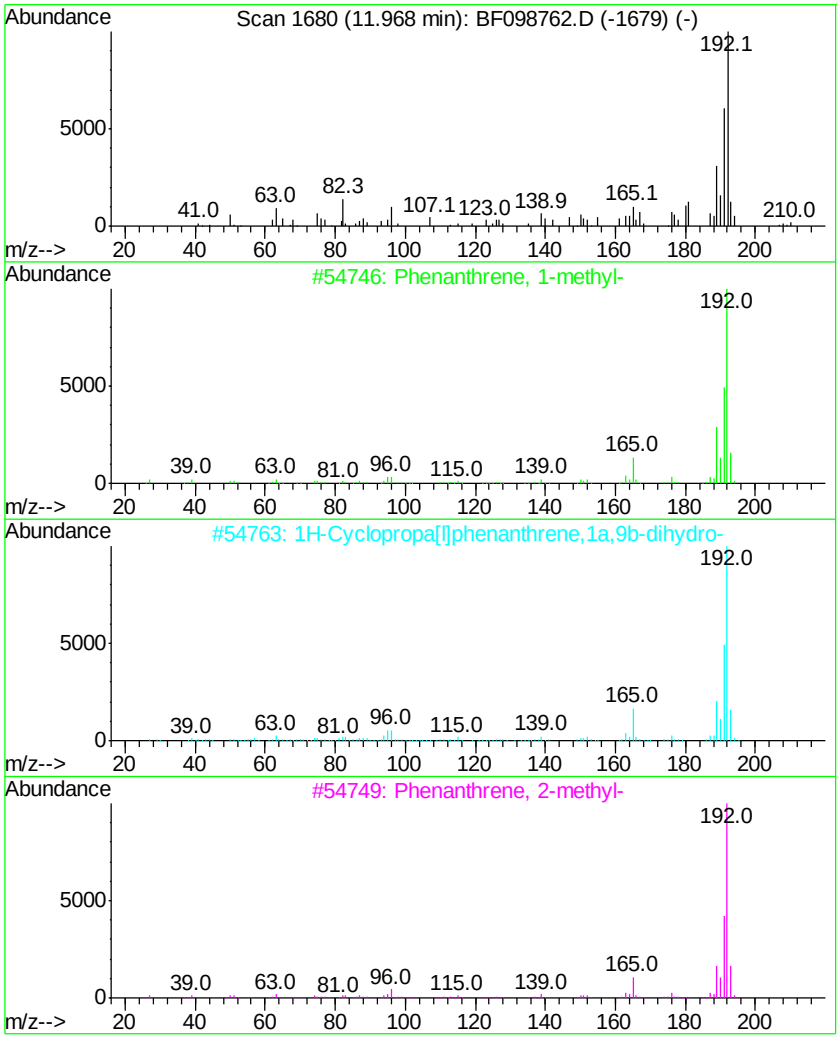
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

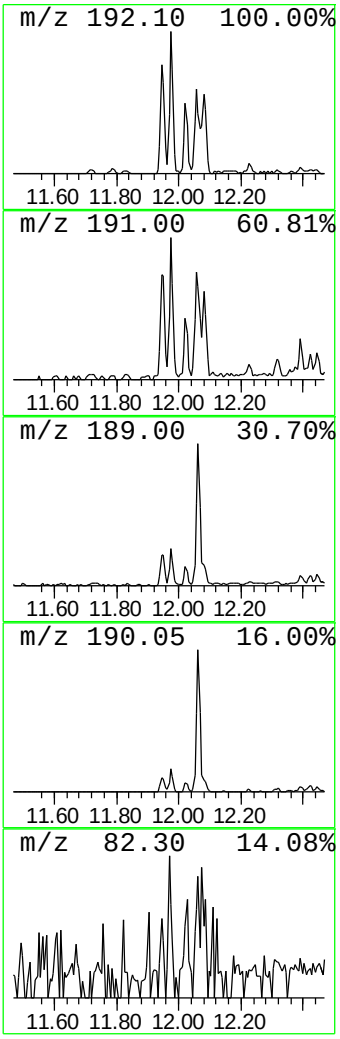
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.26 ng	82710	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Data File : BF098762.D
Acq On : 24 Sep 2017 2:11
Operator : SJ/JU
Sample : I5360-13 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

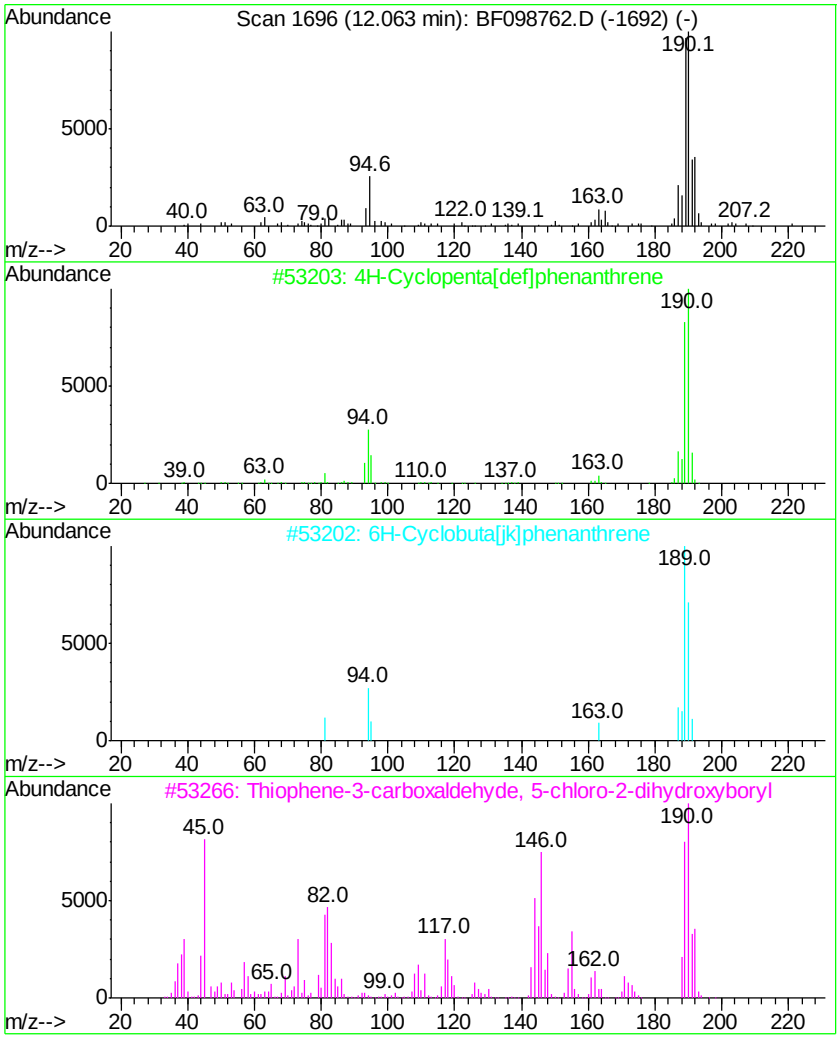
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

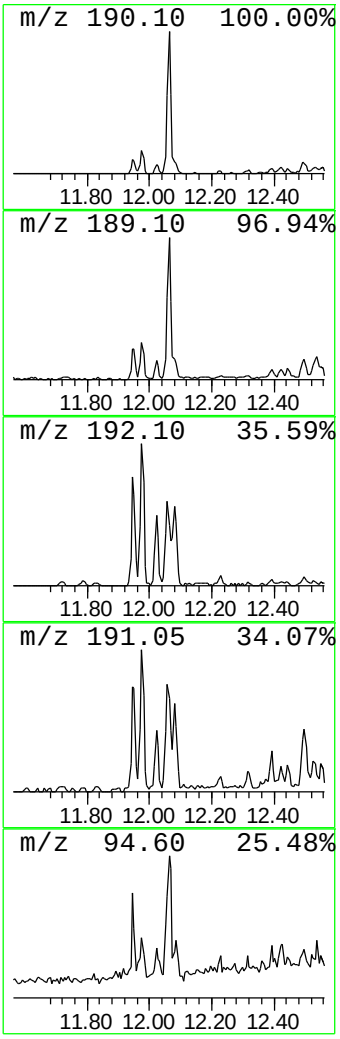
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.71 ng	135787	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Megastigmatrienone	190	C13H18O	038818-55-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098762.D
Acq On : 24 Sep 2017 2:11
Operator : SJ/JU
Sample : I5360-13 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

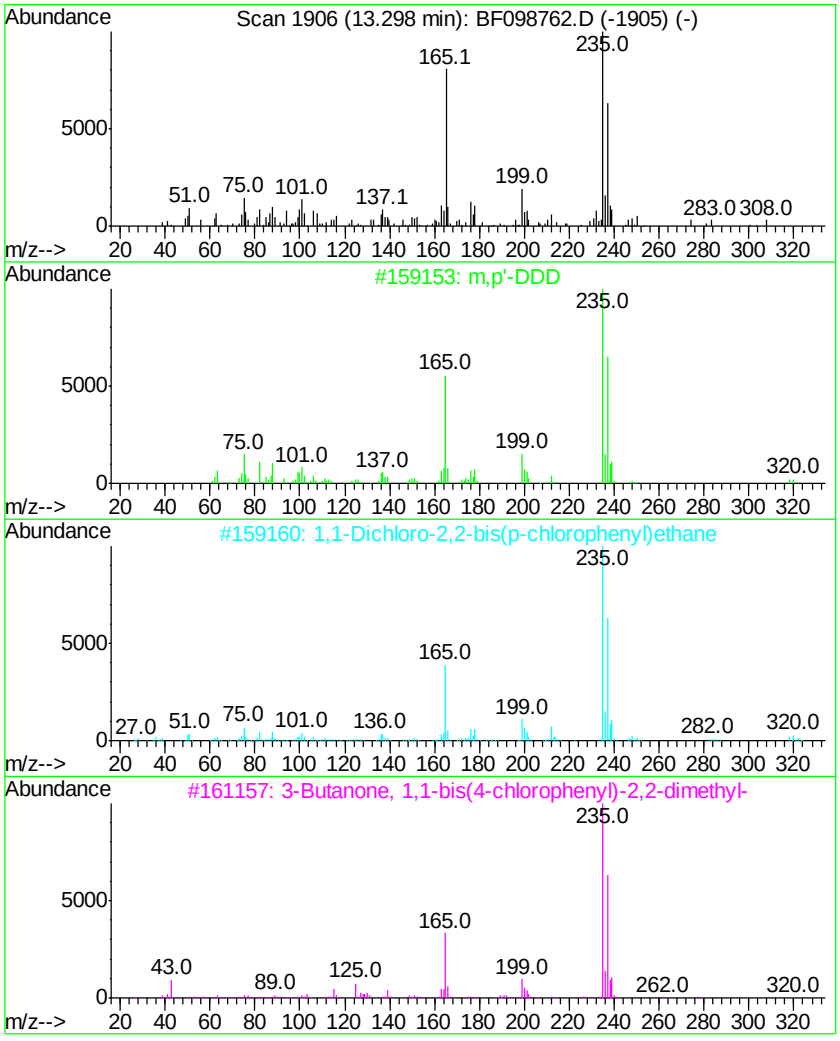
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

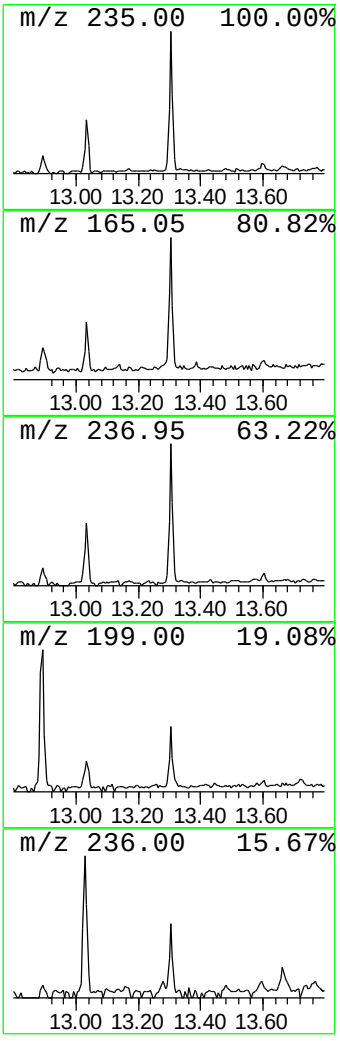
****

Peak Number 11 m,p'-DDD Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.63 ng	167308	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p'-DDD	318	C14H10Cl4	004329-12-8	91
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	72
3	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	64
4	9H-Carbazole, 3,6-dichloro-	235	C12H7Cl2N	005599-71-3	58
5	1,2-Bis(2-chlorophenyl)-1,2-bis(...	470	C26H18Cl4	1000137-94-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098762.D
Acq On : 24 Sep 2017 2:11
Operator : SJ/JU
Sample : I5360-13 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-G-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
2-Pentanone, 4-hy...	5.14	2.0	ng	82169	1	6.92	808937	20.0
unknown6.69	6.69	12.6	ng	507422	1	6.92	808937	20.0
Benzene, 1,2,3-tr...	6.75	5.8	ng	233953	1	6.92	808937	20.0
Anthracene, 9-met...	11.94	2.1	ng	77895	4	11.45	731200	20.0
Phenanthrene, 1-m...	11.97	2.3	ng	82710	4	11.45	731200	20.0
4H-Cyclopenta[def...	12.06	3.7	ng	135787	4	11.45	731200	20.0
m,p'-DDD	13.30	2.6	ng	167308	5	14.09	1273840	20.0