LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094129.D
Acq On : 3 Apr 2017 19:05
Operator : SJ/MA
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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-BF032217.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	4.028	360	364	374	rVB	286626	373912	9.06%	0.697%
2	4.428	427	432	435	rBV	3653521	3627697	87.91%	6.764%
3	5.498	607	614	617	rBV	3187860	3741642	90.67%	6.977%
4	5.634	632	637	640	rBV	3793752	3894492	94.37%	7.262%
5	5.887	676	680	684	rBV	1304519	1145177	27.75%	2.135%
6	6.063	705	710	714	rBV	2907384	3020664	73.20%	5.632%
7	6.534	784	790	793	rBV	2210761	2486126	60.25%	4.636%
8	7.387	930	935	939	rBV	1589447	1550282	37.57%	2.891%
9	8.716	1153	1161	1164	rBV	3978008	4126660	100.00%	7.694%
10	8.892	1187	1191	1196	rBV	45712	46789	1.13%	0.087%
11	9.116	1225	1229	1232	rBV	66936	70923	1.72%	0.132%
12	9.210	1239	1245	1249	rBV	361856	351841	8.53%	0.656%
13	9.257	1249	1253	1260	rVB2	37494	57083	1.38%	0.106%
14	9.351	1265	1269	1275	rBV	249798	262166	6.35%	0.489%
15	9.528	1291	1299	1303	rBV2	1535211	1647886	39.93%	3.073%
16	9.569	1303	1306	1309	rVB	139071	122149	2.96%	0.228%
17	9.728	1328	1333	1337	rBV	43069	47916	1.16%	0.089%
18	9.781	1337	1342	1347	rBV2	55344	85752	2.08%	0.160%
19	10.045	1381	1387	1388	rBV3	28716	42713	1.04%	0.080%
20	10.122	1397	1400	1403	rBV	91645	77163	1.87%	0.144%
21	10.204	1411	1414	1418	rVB	138075	138567	3.36%	0.258%
22	10.504	1460	1465	1470	rVB	2132086	2225554	53.93%	4.150%
23	10.710	1496	1500	1507	rBV	96472	138374	3.35%	0.258%
24	10.881	1524	1529	1532	rBV3	52618	89229	2.16%	0.166%
25	10.916	1532	1535	1538	rVB	45298	43090	1.04%	0.080%
26	10.980	1544	1546	1550	rVB2	35439	41562	1.01%	0.077%
27	11.110	1564	1568	1575	rVB	68316	99141	2.40%	0.185%
28	11.186	1575	1581	1584	rBV2	62546	83791	2.03%	0.156%
29	11.222	1584	1587	1590	rVB	86342	85432	2.07%	0.159%
30	11.263	1590	1594	1597	rBV	85165	85575	2.07%	0.160%
31	11.357	1605	1610	1612	rBV	1395755	1445597	35.03%	2.695%
32	11.386	1612	1615	1618	rVB	1422593	1360543	32.97%	2.537%
33	11.445	1621	1625	1629	rVB	371669	351904	8.53%	0.656%
34	11.486	1629	1632	1634	rBV2	47391	61882	1.50%	0.115%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.645	1656	1659	1663	rBV	99303	104231	2.53%	0.194%
36	11.698	1663	1668	1672	rVV2	186985	237369	5.75%	0.443%
37	11.733	1672	1674	1677	rVV	75829	71749	1.74%	0.134%
38	11.763	1677	1679	1682	rVV2	80250	94096	2.28%	0.175%
39	11.792	1682	1684	1690	rVV3	56514	58530	1.42%	0.109%
40	11.869	1694	1697	1701	rVB	39106	48903	1.19%	0.091%
41	11.916	1701	1705	1709	rVB3	42951	42621	1.03%	0.079%
42	11.980	1711	1716	1718	rBV	341027	348619	8.45%	0.650%
43	12.010	1718	1721	1727	rVB	401673	420084	10.18%	0.783%
44	12.069	1727	1731	1734	rBV	145873	157079	3.81%	0.293%
45	12.110	1734	1738	1741	rVV	485065	541210	13.11%	1.009%
46	12.139	1741	1743	1750	rVB	288172	256661	6.22%	0.479%
47	12.227	1751	1758	1762	rBV5	30557	76581	1.86%	0.143%
48	12.351	1775	1779	1780	rBV	168898	177921	4.31%	0.332%
49	12.533	1807	1810	1814	rBV2	88908	98457	2.39%	0.184%
50	12.569	1814	1816	1819	rBV	68083	58942	1.43%	0.110%
51	12.598	1819	1821	1824	rVB	68200	62314	1.51%	0.116%
52	12.663	1824	1832	1835	rBV	203516	293074	7.10%	0.546%
53	12.698	1835	1838	1841	rBV	106071	141319	3.42%	0.263%
54	12.774	1849	1851	1855	rVB3	105681	113325	2.75%	0.211%
55	12.851	1858	1864	1867	rVV	1535556	1632276	39.55%	3.043%
56	12.874	1867	1868	1873	rVB2	52754	46524	1.13%	0.087%
57	12.927	1873	1877	1880	rBV3	63767	89822	2.18%	0.167%
58	12.963	1880	1883	1886	rVB	90850	96070	2.33%	0.179%
59	13.022	1889	1893	1896	rBV3	82033	101028	2.45%	0.188%
60	13.127	1906	1911	1914	rVB	1554132	1803822	43.71%	3.363%
61	13.192	1919	1922	1924	rVB	54994	59883	1.45%	0.112%
62	13.222	1924	1927	1932	rVB2	39633	52590	1.27%	0.098%
63	13.280	1934	1937	1940	rBV2	72355	67941	1.65%	0.127%
64	13.333	1940	1946	1950	rVV	2584971	2935884	71.14%	5.474%
65	13.410	1952	1959	1962	rBV3	135015	218787	5.30%	0.408%
66	13.510	1971	1976	1978	rBV4	105250	174627	4.23%	0.326%
67	13.539	1978	1981	1985	rVB	223244	253425	6.14%	0.473%
68	13.621	1992	1995	1998	rBV	126403	117972	2.86%	0.220%
69	13.663	1998	2002	2006	rBV	221600	240598	5.83%	0.449%
70	13.774	2017	2021	2024	rVV	143320	133234	3.23%	0.248%
71	13.810	2024	2027	2033	rVV	116984	134187	3.25%	0.250%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.010	2058	2061	2064	rBV4	29893	51043	1.24%	0.095%
73	14.063	2068	2070	2074	rVB	39620	47577	1.15%	0.089%
74	14.157	2081	2086	2093	rVB2	122632	179492	4.35%	0.335%
75	14.292	2105	2109	2112	rBV2	136635	163338	3.96%	0.305%
76	14.333	2113	2116	2118	rBV	96788	91254	2.21%	0.170%
77	14.416	2127	2130	2136	rVB	117734	140964	3.42%	0.263%
78	14.498	2140	2144	2153	rVB5	159551	266992	6.47%	0.498%
79	14.604	2153	2162	2166	rBV2	1155579	2025211	49.08%	3.776%
80	14.639	2166	2168	2171	rVB	590441	496660	12.04%	0.926%
81	14.727	2180	2183	2187	rVB3	77111	81608	1.98%	0.152%
82	14.845	2200	2203	2208	rVB2	41622	67806	1.64%	0.126%
83	14.898	2208	2212	2214	rBV	51273	68925	1.67%	0.129%
84	15.045	2234	2237	2239	rBV	49853	45655	1.11%	0.085%
85	15.086	2239	2244	2248	rVV	152825	214585	5.20%	0.400%
86	15.127	2248	2251	2256	rVB2	84451	92383	2.24%	0.172%
87	15.198	2261	2263	2266	rVB	67504	57403	1.39%	0.107%
88	15.239	2267	2270	2272	rBV2	59013	72882	1.77%	0.136%
89	15.457	2304	2307	2312	rBV4	84663	113276	2.74%	0.211%
90	15.645	2336	2339	2347	rBV3	55774	108887	2.64%	0.203%
91	15.827	2366	2370	2374	rBV	535716	882761	21.39%	1.646%
92	15.939	2385	2389	2393	rVB	195108	222831	5.40%	0.415%
93	16.121	2416	2420	2425	rBV	356457	397540	9.63%	0.741%
94	16.174	2425	2429	2434	rVB	518877	594161	14.40%	1.108%
95	16.239	2436	2440	2443	rBV	815825	941027	22.80%	1.755%
96	16.262	2443	2444	2448	rVB	175246	150290	3.64%	0.280%
97	17.580	2663	2668	2676	rVB2	347414	651644	15.79%	1.215%
98	17.974	2729	2735	2745	rVB	405488	814524	19.74%	1.519%

Sum of corrected areas: 53631748

LSC Report - Integrated Chromatogram

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Data File : BF094129.D
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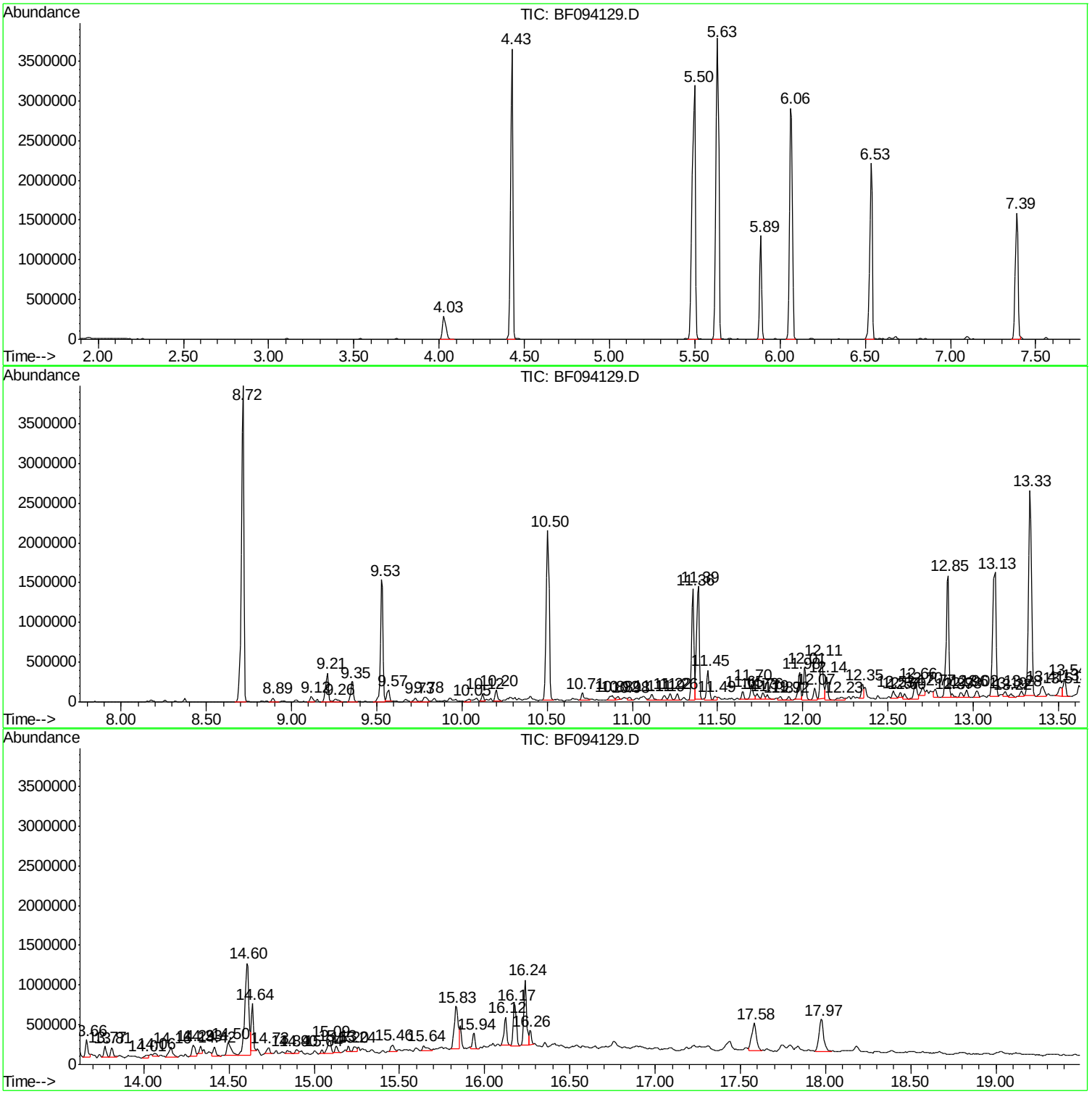
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094129.D
Acq On : 3 Apr 2017 19:05
Operator : SJ/MA
Sample : I2501-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

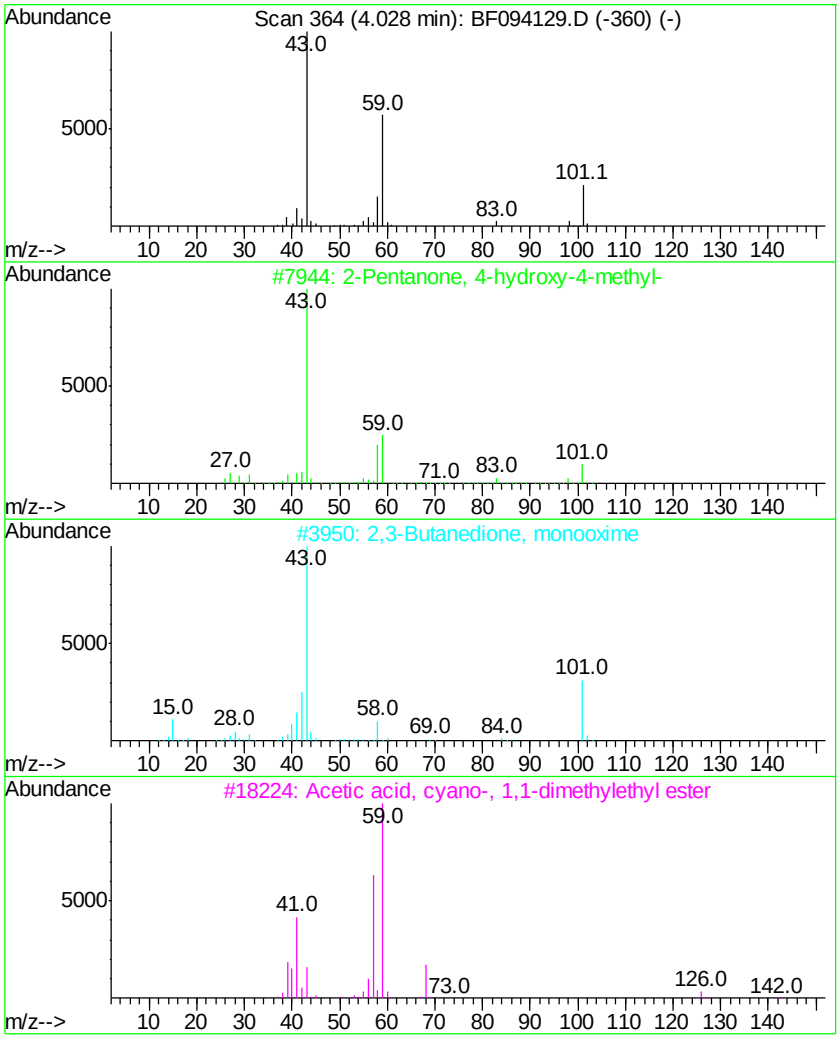
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

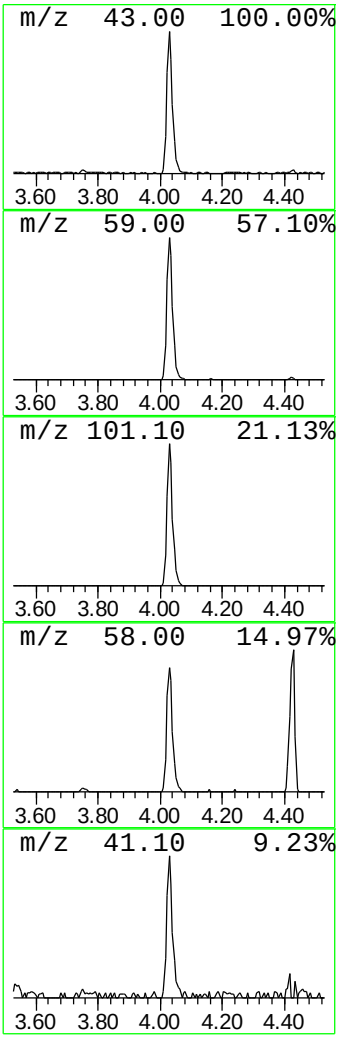
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	6.53 ng	373912	1,4-Dichlorobenzene-d4	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





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Sample : I2501-05
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

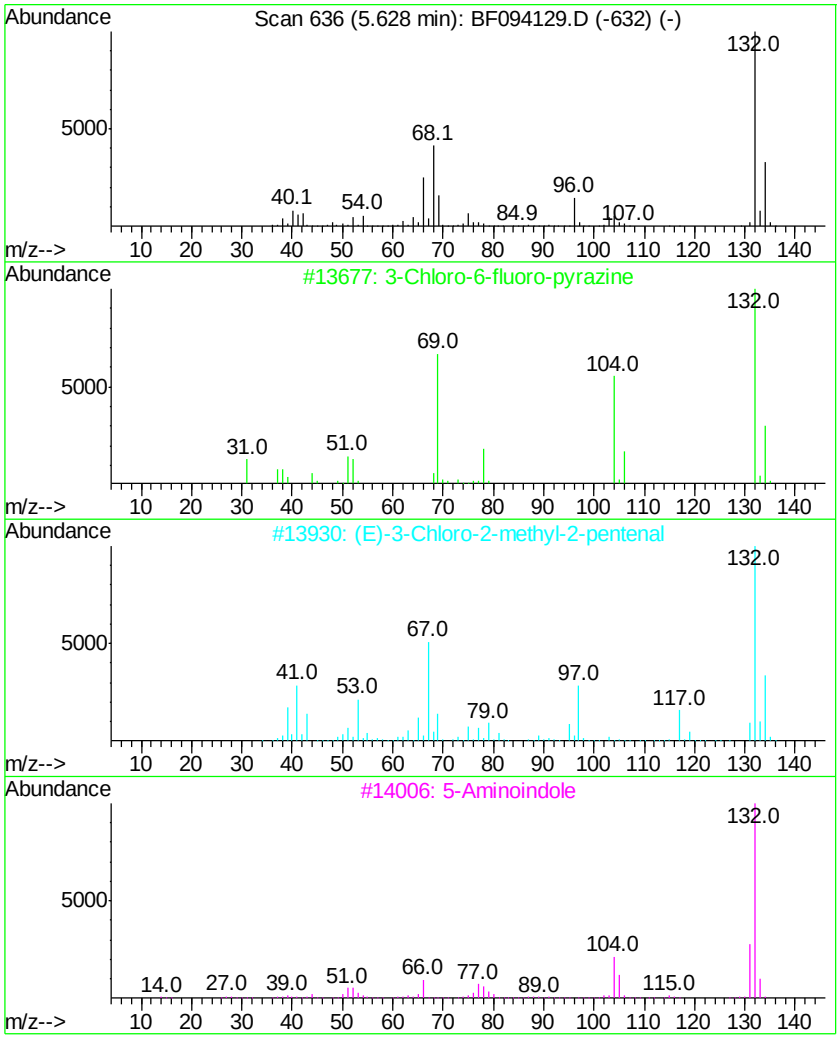
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

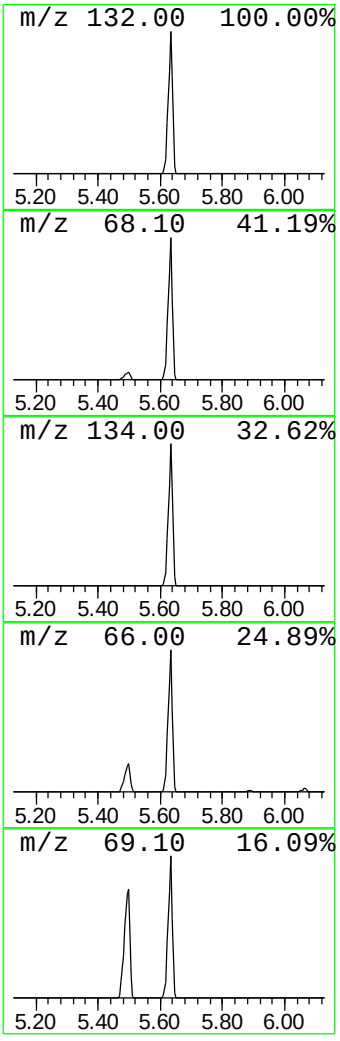
****

Peak Number 2 unknown5.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	68.02 ng	3894490	1,4-Dichlorobenzene-d4	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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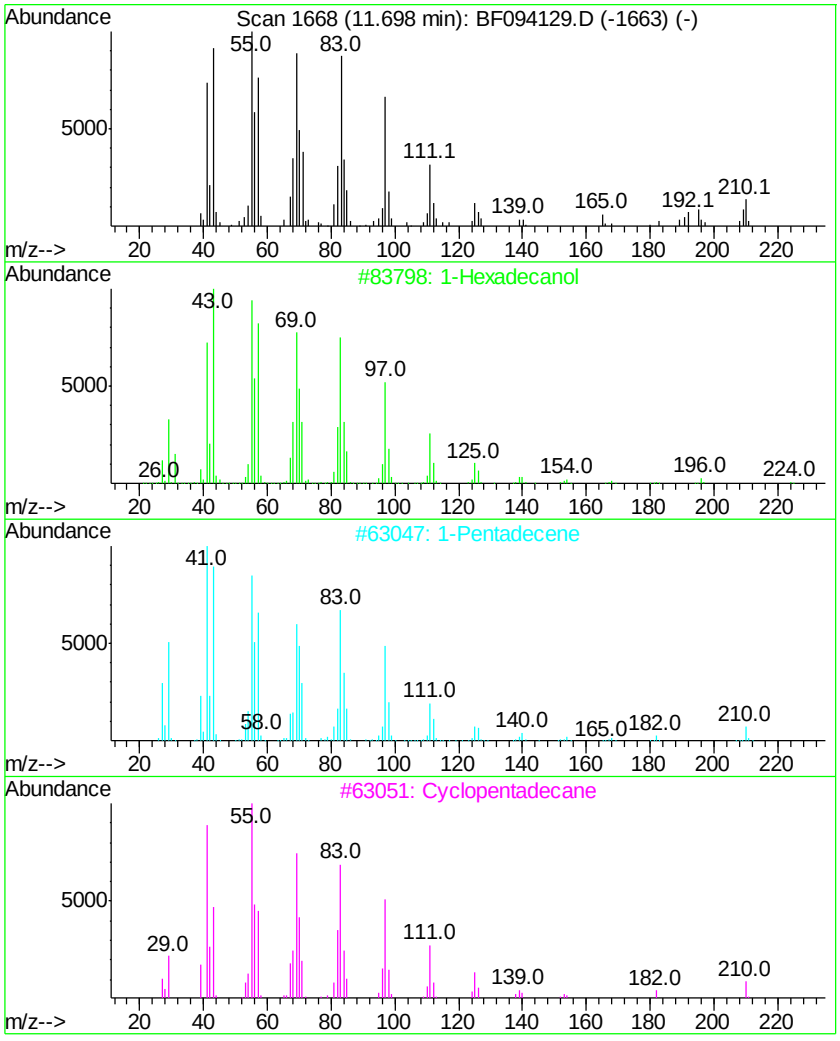
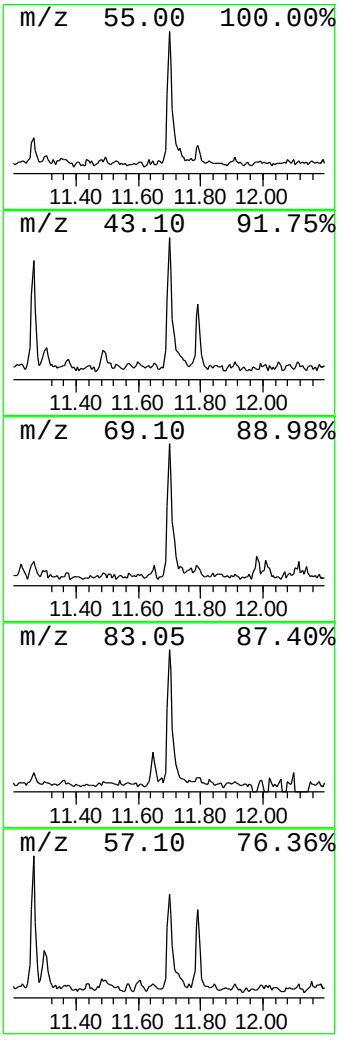
Peak Number 4 1-Hexadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.28 ng	237369	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	1-Pentadecene	210	C15H30	013360-61-7	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	2-Tetradecene, (E)-	196	C14H28	035953-53-8	91
5	Cyclotetradecane	196	C14H28	000295-17-0	91





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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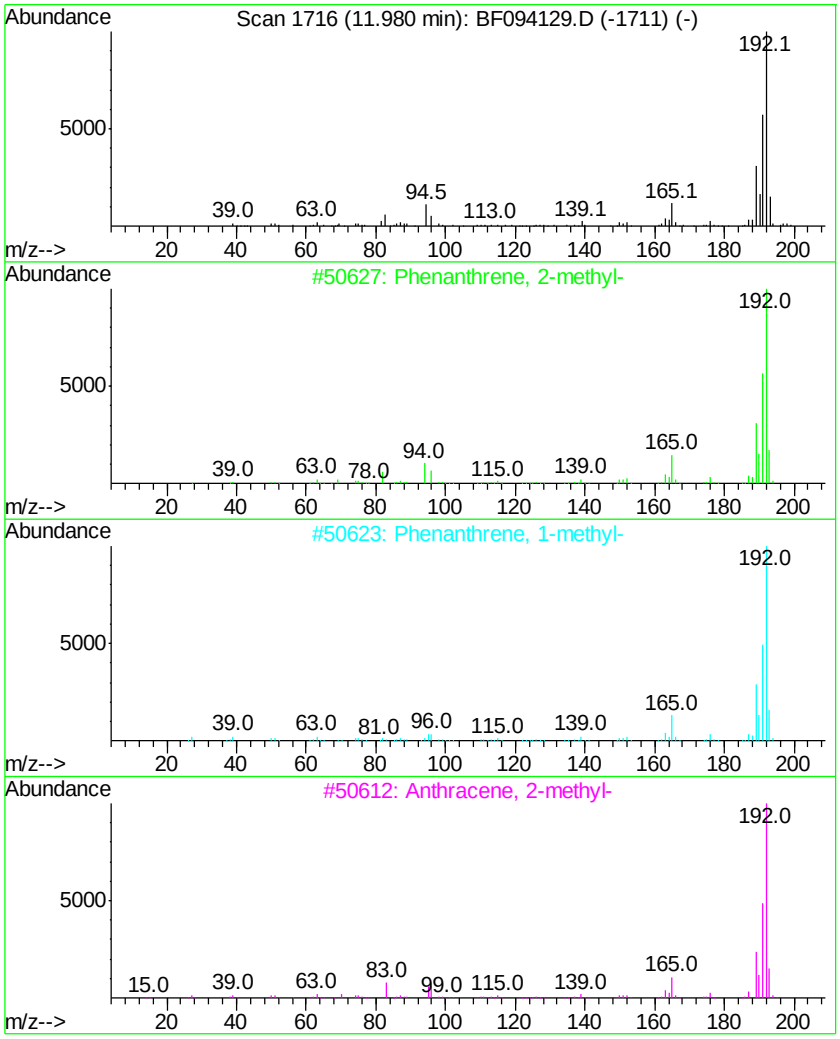
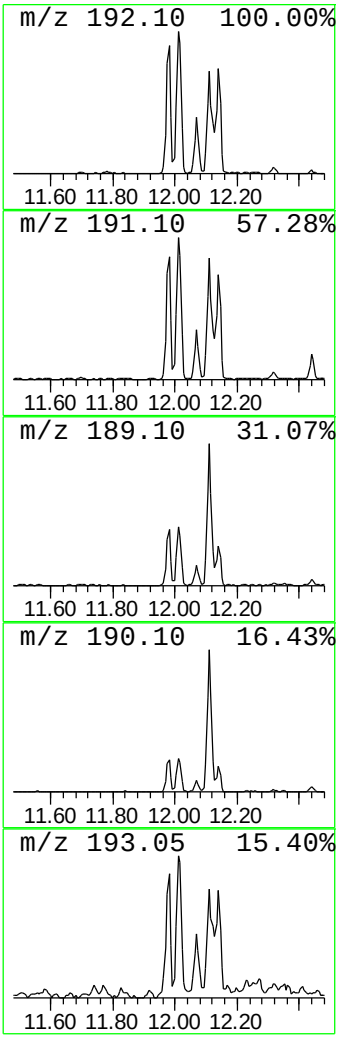
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.82 ng	348619	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BF094129.D
Acq On : 3 Apr 2017 19:05
Operator : SJ/MA
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

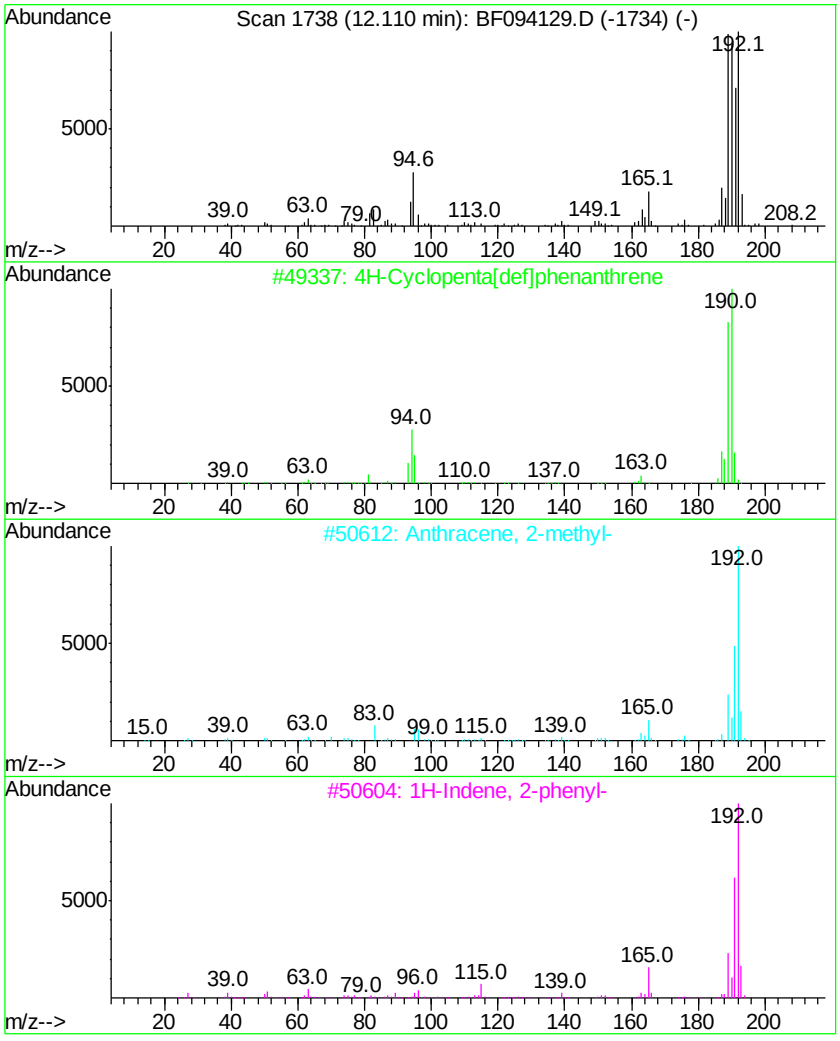
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

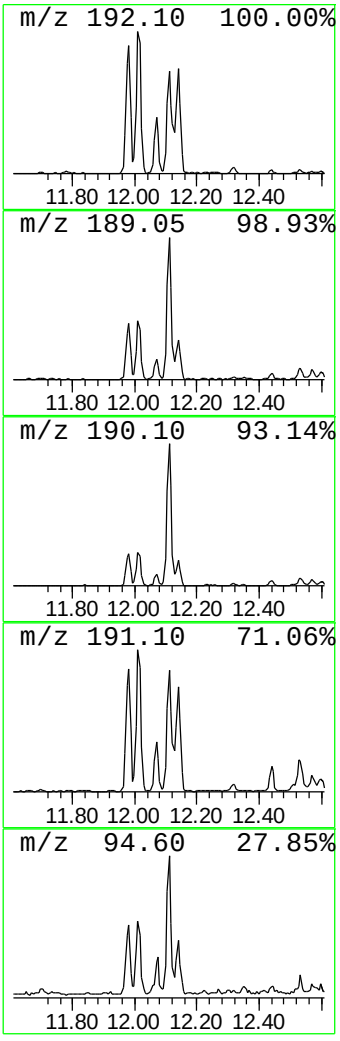
****

Peak Number 8 unknown12.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.49 ng	541210	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Data File : BF094129.D
Acq On : 3 Apr 2017 19:05
Operator : SJ/MA
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

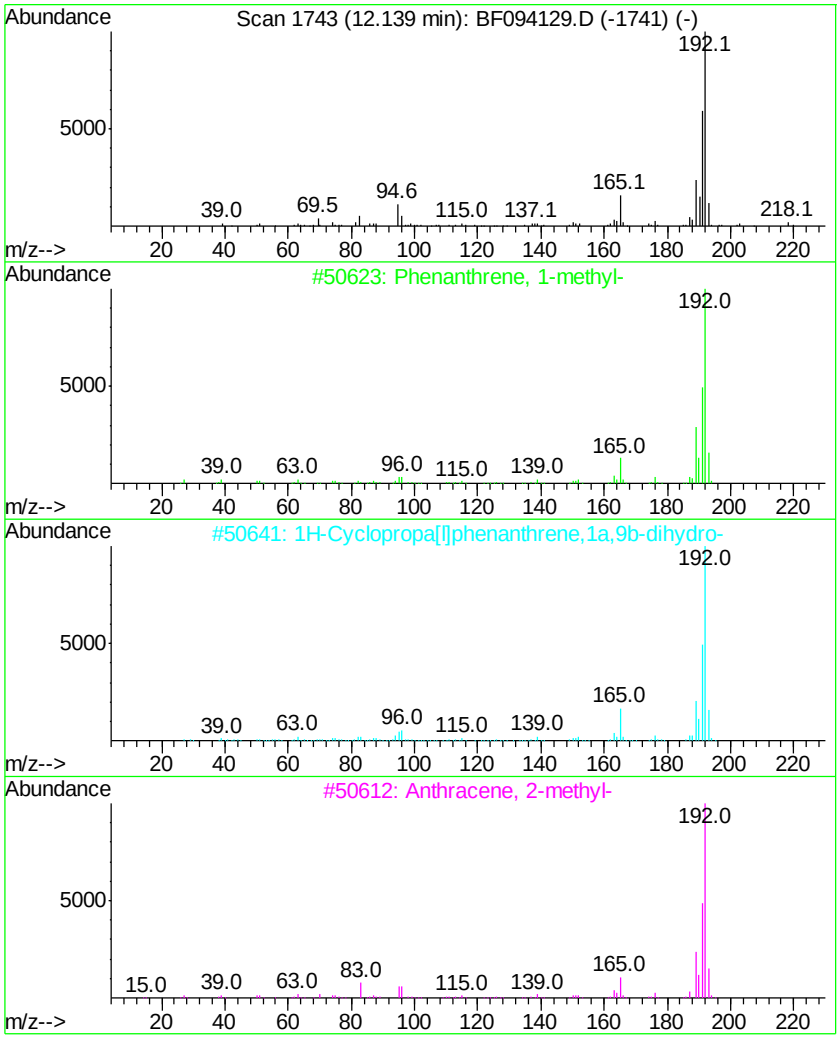
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

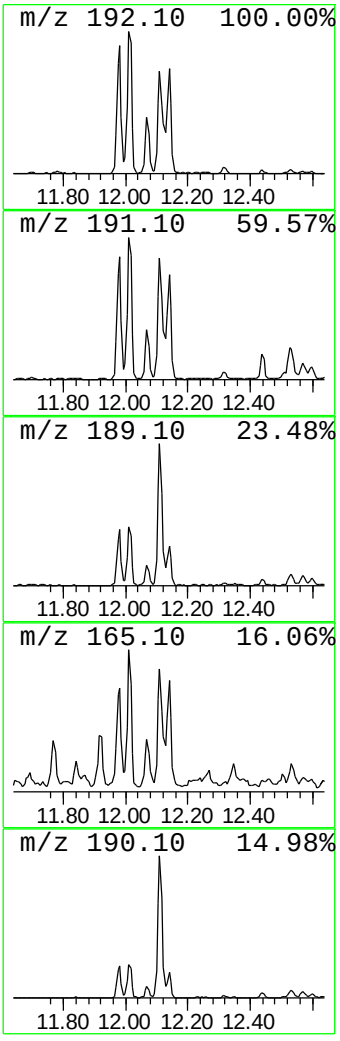
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.55 ng	256661	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094129.D
Acq On : 3 Apr 2017 19:05
Operator : SJ/MA
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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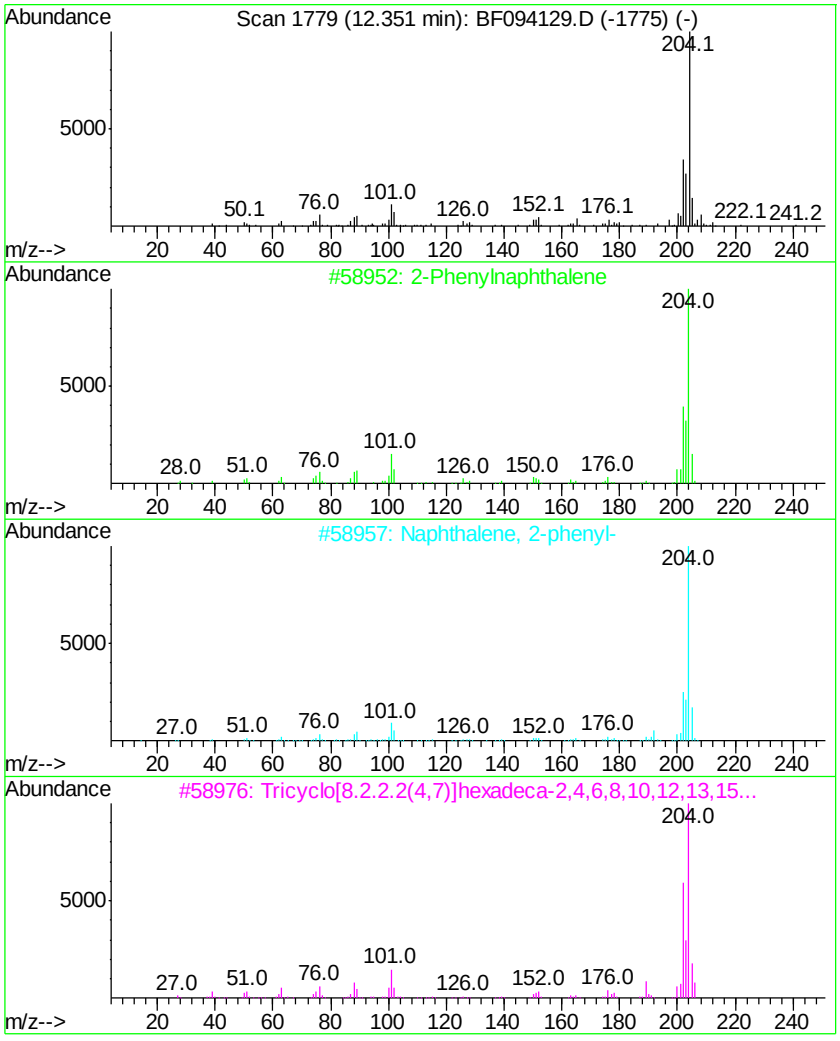
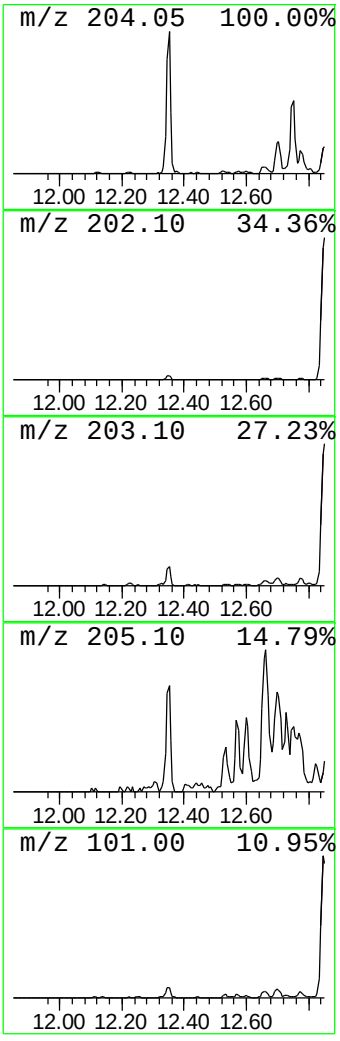
Peak Number 10 2-Phenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.46 ng	177921	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040317\
Data File : BF094129.D
Acq On : 3 Apr 2017 19:05
Operator : SJ/MA
Sample : I2501-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.03	6.5	ng	373912	1	5.89	1145180	20.0
unknown5.63	5.63	68.0	ng	3894490	1	5.89	1145180	20.0
1-Hexadecanol	11.70	3.3	ng	237369	4	11.36	1445600	20.0
Phenanthrene, 2-m...	11.98	4.8	ng	348619	4	11.36	1445600	20.0
unknown12.11	12.11	7.5	ng	541210	4	11.36	1445600	20.0
Phenanthrene, 1-m...	12.14	3.5	ng	256661	4	11.36	1445600	20.0
2-Phenylnaphthalene	12.35	2.5	ng	177921	4	11.36	1445600	20.0