LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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	5.057	502	505	519	rBV	167890	188557	15.33%	0.944%
2	5.463	571	574	593	rBV	1206769	1132576	92.08%	5.671%
3	6.475	743	746	760	rBV	1154942	1108100	90.09%	5.549%
4	6.616	766	770	777	rBV	1278120	1150106	93.51%	5.759%
5	6.845	805	809	817	rBB	616375	510376	41.49%	2.556%
6	6.998	831	835	844	rBV	1153306	918374	74.67%	4.599%
7	7.404	901	904	916	rBV	698835	640558	52.08%	3.208%
8	8.128	1023	1027	1029	rBV	697353	607255	49.37%	3.041%
9	8.145	1029	1030	1033	rVB	50163	33896	2.76%	0.170%
10	8.681	1118	1121	1130	rBB	74392	62484	5.08%	0.313%
11	8.839	1145	1148	1153	rBB	26364	19813	1.61%	0.099%
12	8.939	1161	1165	1169	rBB	22048	17902	1.46%	0.090%
13	9.198	1205	1209	1212	rBV	1434746	1106975	90.00%	5.543%
14	9.539	1264	1267	1269	rBV	19872	16037	1.30%	0.080%
15	9.592	1273	1276	1284	rVB	168253	124396	10.11%	0.623%
16	9.745	1299	1302	1308	rBB	46958	42378	3.45%	0.212%
17	9.880	1321	1325	1328	rBV	647512	520279	42.30%	2.605%
18	9.910	1328	1330	1334	rVB	63727	55054	4.48%	0.276%
19	10.086	1357	1360	1363	rBV	45310	37998	3.09%	0.190%
20	10.427	1415	1418	1423	rVB	55841	48964	3.98%	0.245%
21	10.592	1442	1446	1449	rVB	256180	203582	16.55%	1.019%
22	10.669	1456	1459	1466	rBV	561251	485650	39.48%	2.432%
23	10.980	1504	1512	1514	rBV3	15439	21040	1.71%	0.105%
24	11.104	1528	1533	1535	rBV2	10513	15025	1.22%	0.075%
25	11.180	1542	1546	1549	rVB	39054	34929	2.84%	0.175%
26	11.216	1549	1552	1556	rVV3	18772	22857	1.86%	0.114%
27	11.269	1558	1561	1565	rVB	31554	29180	2.37%	0.146%
28	11.369	1575	1578	1580	rBV	580997	477648	38.83%	2.392%
29	11.392	1580	1582	1586	rVV	803262	613981	49.92%	3.075%
30	11.445	1586	1591	1594	rVV	156591	129238	10.51%	0.647%
31	11.604	1613	1618	1623	rBV2	73809	79680	6.48%	0.399%
32	11.710	1631	1636	1640	rVB4	16681	24639	2.00%	0.123%
33	11.869	1660	1663	1666	rBV	97701	84180	6.84%	0.422%
34	11.898	1666	1668	1672	rVB	138840	107360	8.73%	0.538%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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	11.945	1672	1676	1679	rBV	47740	41464	3.37%	0.208%
36	11.980	1679	1682	1685	rBV2	124875	144094	11.72%	0.722%
37	12.004	1685	1686	1692	rVB	76526	50521	4.11%	0.253%
38	12.051	1692	1694	1697	rBV3	19504	17333	1.41%	0.087%
39	12.163	1711	1713	1716	rBV	73640	57301	4.66%	0.287%
40	12.198	1716	1719	1723	rVB	74437	60196	4.89%	0.301%
41	12.316	1734	1739	1742	rBV3	27993	35098	2.85%	0.176%
42	12.345	1742	1744	1746	rVV	23621	17410	1.42%	0.087%
43	12.369	1746	1748	1751	rVB2	20261	15458	1.26%	0.077%
44	12.421	1753	1757	1759	rBV	56367	60925	4.95%	0.305%
45	12.457	1759	1763	1765	rVV3	41858	57368	4.66%	0.287%
46	12.474	1765	1766	1769	rVV	22350	18195	1.48%	0.091%
47	12.516	1769	1773	1776	rVB2	61056	71767	5.83%	0.359%
48	12.586	1781	1785	1788	rBV	1088965	912196	74.16%	4.568%
49	12.651	1793	1796	1798	rVB	32069	28837	2.34%	0.144%
50	12.680	1798	1801	1803	rBV	29963	24698	2.01%	0.124%
51	12.733	1805	1810	1813	rBV3	37107	55228	4.49%	0.277%
52	12.816	1821	1824	1830	rVB	990591	856193	69.61%	4.287%
53	12.863	1830	1832	1836	rVB2	54676	55066	4.48%	0.276%
54	12.951	1836	1847	1850	rBV	1148167	1049207	85.30%	5.254%
55	12.974	1850	1851	1855	rVB	64554	48522	3.94%	0.243%
56	13.027	1856	1860	1865	rBV3	67390	110223	8.96%	0.552%
57	13.121	1872	1876	1877	rBV2	59514	77668	6.31%	0.389%
58	13.139	1877	1879	1882	rVB	85521	81754	6.65%	0.409%
59	13.174	1882	1885	1888	rBV3	11972	18986	1.54%	0.095%
60	13.210	1888	1891	1893	rVV	41734	37856	3.08%	0.190%
61	13.245	1893	1897	1900	rVV2	99233	123723	10.06%	0.620%
62	13.298	1904	1906	1910	rVB3	20533	19123	1.55%	0.096%
63	13.339	1910	1913	1916	rBV	59159	51054	4.15%	0.256%
64	13.368	1916	1918	1921	rBV2	58360	52475	4.27%	0.263%
65	13.457	1931	1933	1937	rVB2	20781	17604	1.43%	0.088%
66	13.563	1949	1951	1954	rBV	21048	16204	1.32%	0.081%
67	13.627	1959	1962	1964	rBV4	18429	20954	1.70%	0.105%
68	13.657	1964	1967	1972	rVB	112235	102097	8.30%	0.511%
69	13.710	1974	1976	1980	rVB5	19709	20133	1.64%	0.101%
70	13.763	1980	1985	1987	rBV	113917	124065	10.09%	0.621%
71	13.786	1987	1989	1992	rVV	85345	75880	6.17%	0.380%

LSC Area Percent Report

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Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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

72	13.815	1992	1994	1995	rVV	61322	51879	4.22%	0.260%
73	13.833	1995	1997	2000	rVV3	65723	78273	6.36%	0.392%
74	13.863	2000	2002	2006	rVB	116789	100089	8.14%	0.501%
75	13.915	2009	2011	2012	rBV2	21577	17133	1.39%	0.086%
76	14.015	2019	2028	2030	rBV2	855509	1229976	100.00%	6.159%
77	14.039	2030	2032	2035	rVB	462763	384261	31.24%	1.924%
78	14.121	2043	2046	2048	rVB	56775	42185	3.43%	0.211%
79	14.245	2065	2067	2070	rVB	56605	43217	3.51%	0.216%
80	14.363	2084	2087	2089	rBV	43682	37695	3.06%	0.189%
81	14.398	2089	2093	2096	rVV	102762	109118	8.87%	0.546%
82	14.433	2096	2099	2101	rBV2	49514	43357	3.53%	0.217%
83	14.527	2112	2115	2116	rBV	34391	27904	2.27%	0.140%
84	14.721	2145	2148	2151	rBV3	28100	38677	3.14%	0.194%
85	14.898	2175	2178	2182	rBV2	62849	81650	6.64%	0.409%
86	15.057	2201	2205	2208	rBV	385578	551906	44.87%	2.764%
87	15.168	2221	2224	2227	rBV	83566	95483	7.76%	0.478%
88	15.362	2253	2257	2263	rVB	226739	290023	23.58%	1.452%
89	15.427	2264	2268	2272	rVV	325568	379969	30.89%	1.903%
90	15.486	2274	2278	2282	rVV	414676	542377	44.10%	2.716%
91	15.521	2282	2284	2291	rVB2	91133	118504	9.63%	0.593%
92	16.968	2525	2530	2538	rVB2	124576	250852	20.39%	1.256%
93	17.421	2602	2607	2613	rVB	83424	157268	12.79%	0.788%

Sum of corrected areas: 19969739

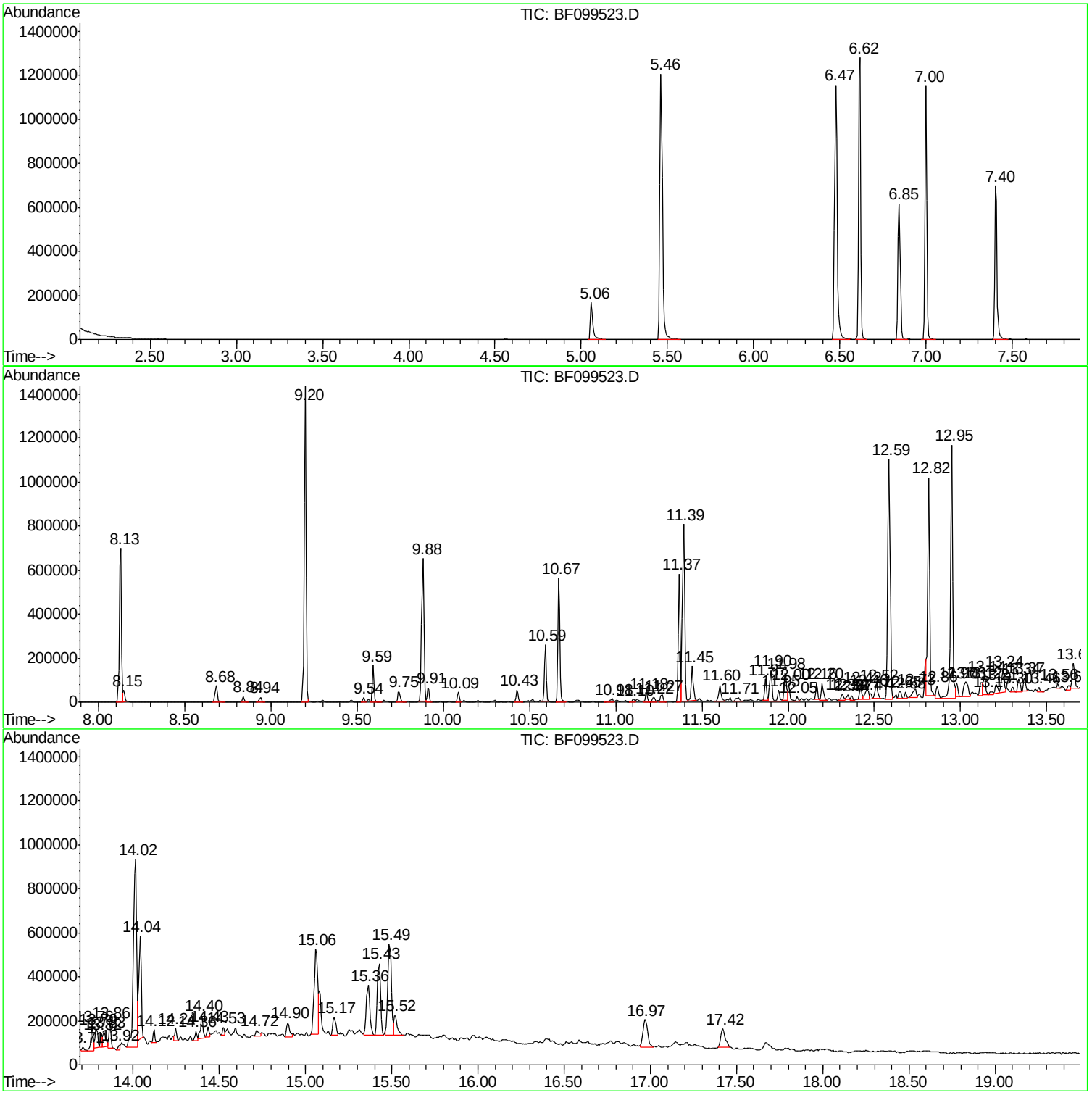
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

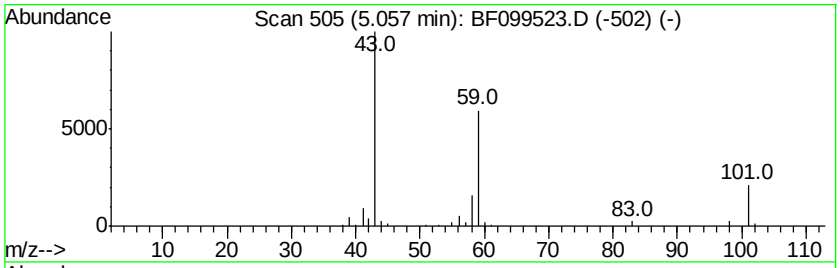
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

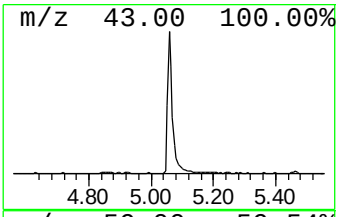
****

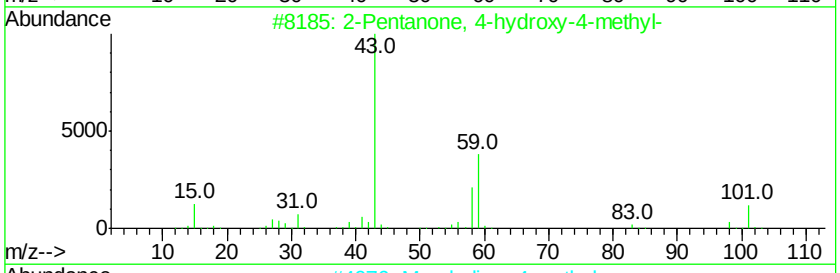
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

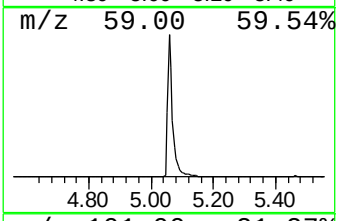
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	7.39 ng	188557	1,4-Dichlorobenzene-d4	6.85

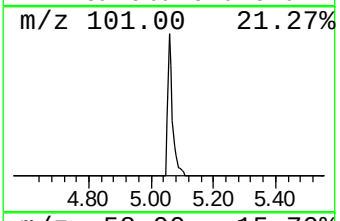
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9

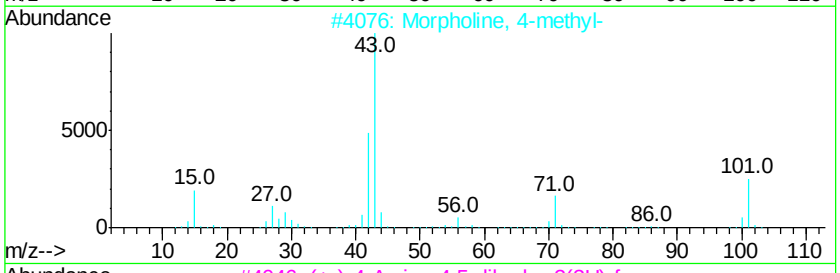


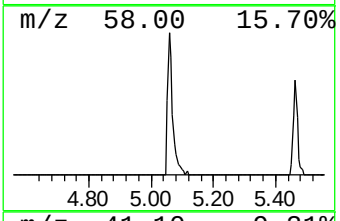


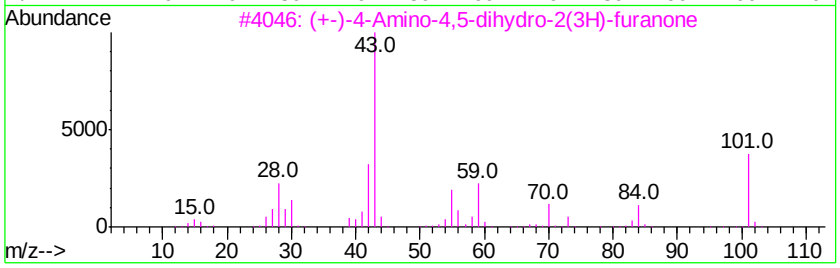


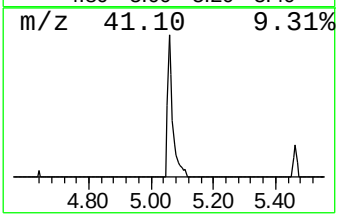












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
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Sample : I5821-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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

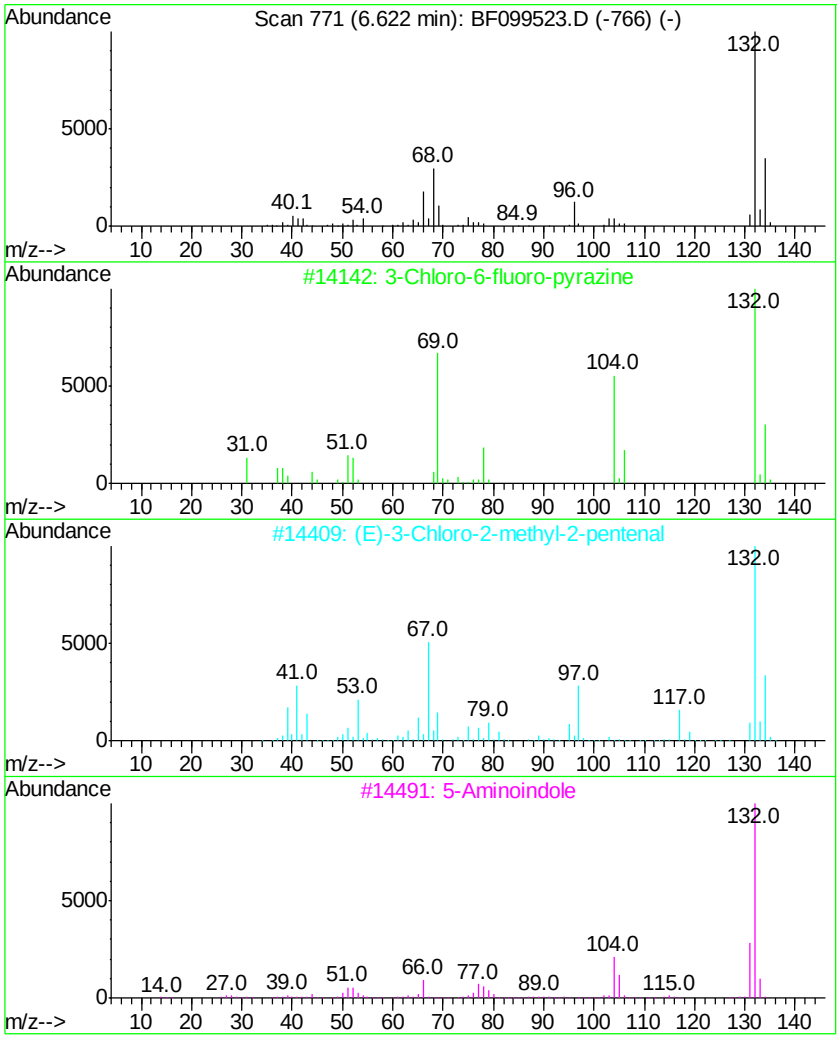
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

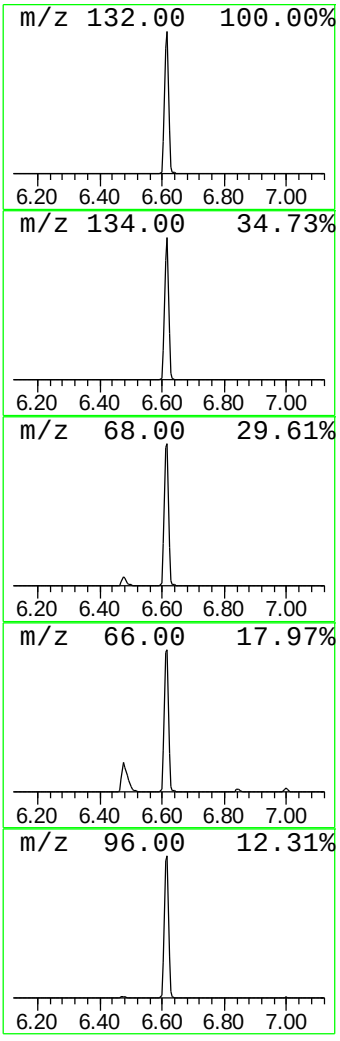
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	45.07 ng	1150110	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
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Misc :
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Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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

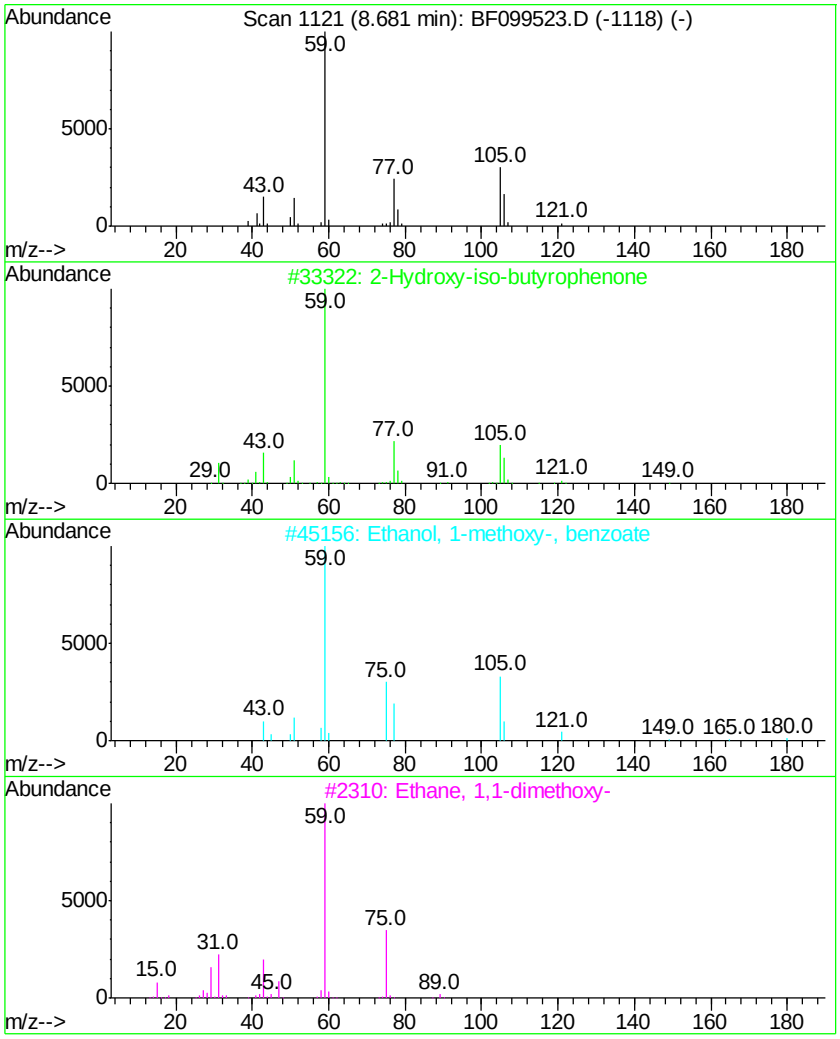
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

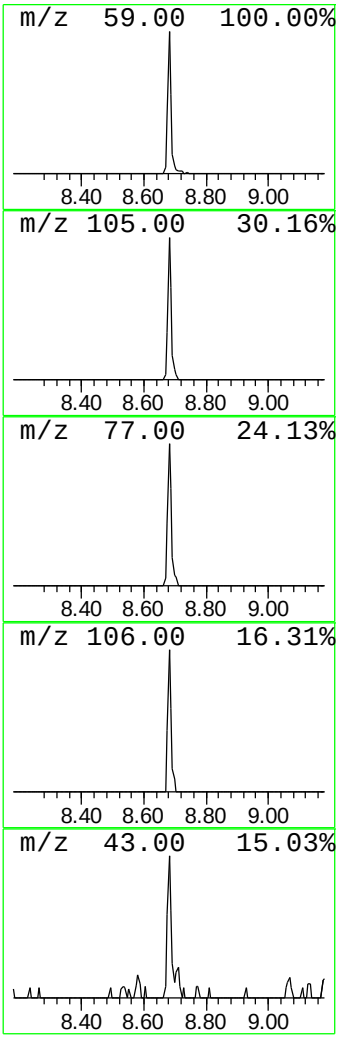
****

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.06 ng	62484	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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

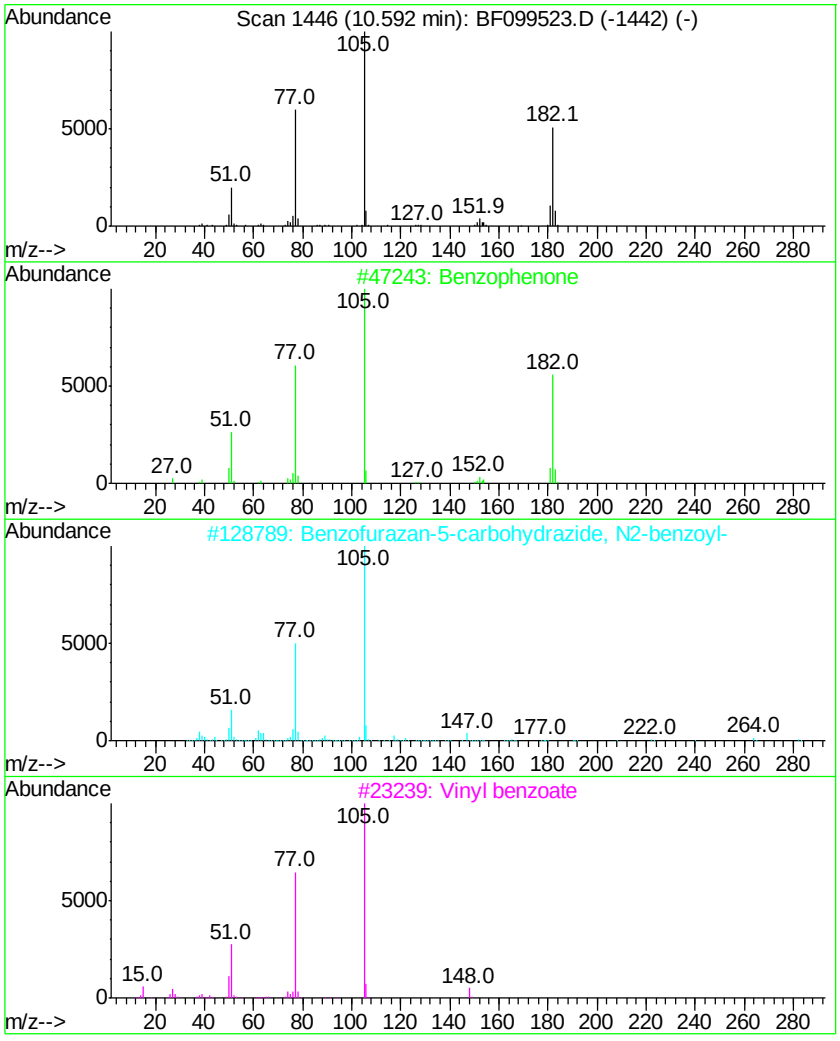
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

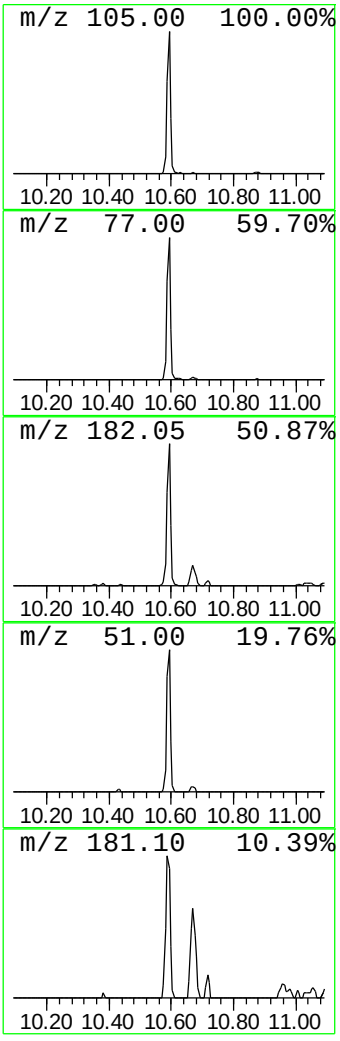
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	7.83 ng	203582	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzofurazan-5-carbohydrazide, N...	282	C14H10N4O3	1000272-94-4	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	Methanone, (4-bromo-5-methyl-2-n...	357	C12H8BrNO3S2	1000274-00-2	43





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

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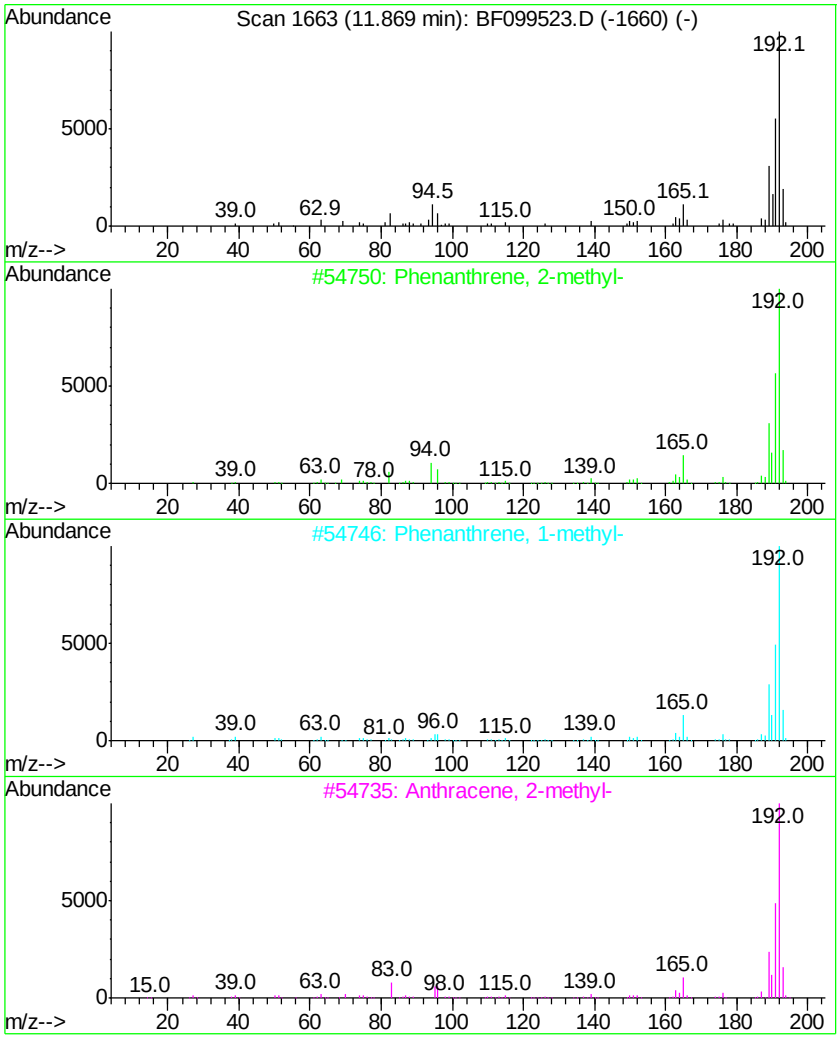
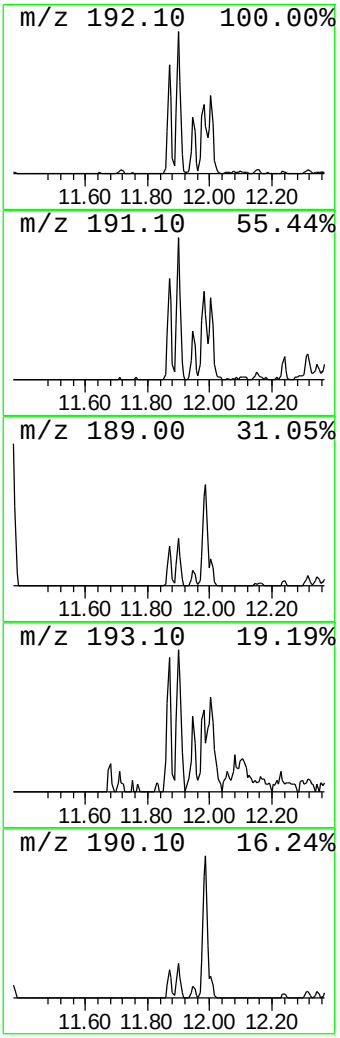
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.52 ng	84180	Phenanthrene-d10	11.37

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, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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

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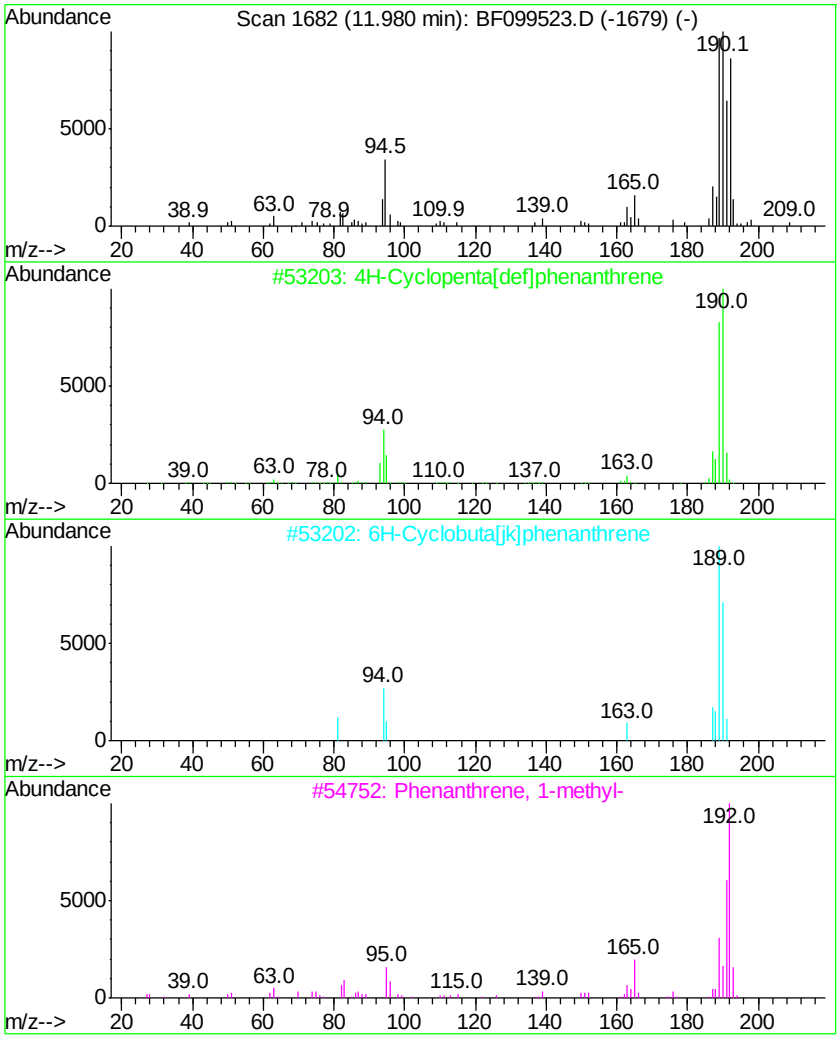
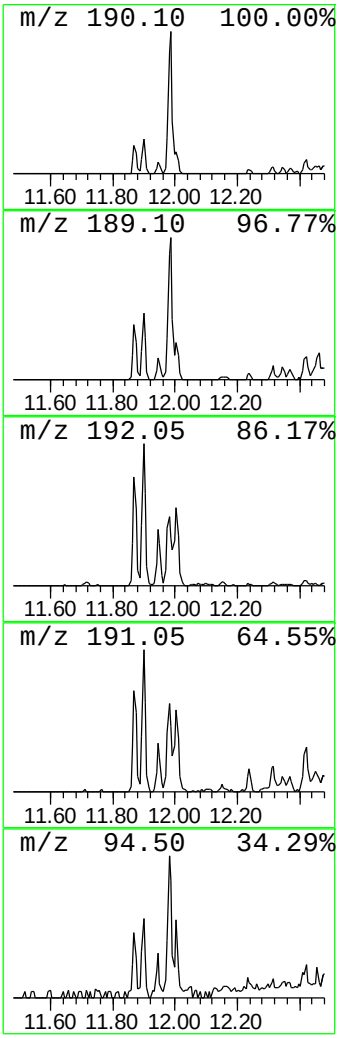
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.03 ng	144094	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPSB-5A-2-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.12 ng	50521	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	64