

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101406.D
 Acq On : 14 Dec 2017 21:10
 Operator : SJ/JU
 Sample : I6840-01 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-02

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.481	572	577	588	rBV4	10659	29397	1.89%	0.171%
2	6.493	745	749	757	rBV3	14917	37800	2.43%	0.219%
3	6.604	764	768	780	rVB2	28878	52429	3.37%	0.304%
4	6.810	800	803	824	rBV	980278	1122437	72.22%	6.517%
5	6.975	826	831	833	rBV	27721	36375	2.34%	0.211%
6	7.404	901	904	913	rBV2	12082	19532	1.26%	0.113%
7	8.098	1018	1022	1024	rBV	1432228	1392973	89.62%	8.088%
8	8.816	1140	1144	1150	rBV	83050	96351	6.20%	0.559%
9	8.910	1156	1160	1167	rBV	129398	153607	9.88%	0.892%
10	9.175	1200	1205	1210	rBV	51623	55954	3.60%	0.325%
11	9.369	1236	1238	1244	rVB2	57749	73531	4.73%	0.427%
12	9.439	1245	1250	1254	rBV	91465	129139	8.31%	0.750%
13	9.510	1258	1262	1265	rBV	128587	140302	9.03%	0.815%
14	9.539	1265	1267	1273	rVB3	72504	93130	5.99%	0.541%
15	9.628	1278	1282	1288	rBV	66058	87336	5.62%	0.507%
16	9.716	1294	1297	1300	rBV	105143	94896	6.11%	0.551%
17	9.798	1305	1311	1312	rBV5	13244	23907	1.54%	0.139%
18	9.851	1314	1320	1323	rVV2	1690529	1554277	100.00%	9.024%
19	9.886	1323	1326	1330	rVV	218378	228632	14.71%	1.327%
20	9.957	1334	1338	1342	rBV3	60043	81631	5.25%	0.474%
21	9.998	1342	1345	1348	rBV3	17273	18788	1.21%	0.109%
22	10.051	1348	1354	1358	rBV5	69104	116496	7.50%	0.676%
23	10.092	1358	1361	1364	rVB	78827	73188	4.71%	0.425%
24	10.128	1364	1367	1371	rVB2	30568	29574	1.90%	0.172%
25	10.169	1371	1374	1377	rBV	66299	73696	4.74%	0.428%
26	10.198	1377	1379	1384	rVB	53370	50259	3.23%	0.292%
27	10.257	1386	1389	1391	rBV2	42089	55387	3.56%	0.322%
28	10.310	1395	1398	1400	rBV	25720	26920	1.73%	0.156%
29	10.345	1401	1404	1407	rVB3	26275	29452	1.89%	0.171%
30	10.375	1407	1409	1411	rBV2	43539	39803	2.56%	0.231%
31	10.404	1411	1414	1420	rVB	158776	168683	10.85%	0.979%
32	10.451	1420	1422	1423	rBV2	24991	19087	1.23%	0.111%
33	10.486	1426	1428	1430	rVB	72068	56487	3.63%	0.328%
34	10.510	1430	1432	1435	rVB	38097	31175	2.01%	0.181%

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 Sampling : 1
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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35	10.545	1435	1438	1439	rBV2	25142	25998	1.67%	0.151%
36	10.639	1451	1454	1455	rBV3	31759	27349	1.76%	0.159%
37	10.757	1469	1474	1482	rVB2	102643	142926	9.20%	0.830%
38	10.839	1485	1488	1490	rBV2	34976	38010	2.45%	0.221%
39	10.863	1490	1492	1496	rBV4	22057	31919	2.05%	0.185%
40	10.951	1502	1507	1510	rBV4	73607	122064	7.85%	0.709%
41	10.980	1510	1512	1514	rVV	72002	61902	3.98%	0.359%
42	11.033	1518	1521	1523	rVB	41786	37337	2.40%	0.217%
43	11.063	1523	1526	1528	rBV3	28888	35669	2.29%	0.207%
44	11.151	1539	1541	1546	rVV6	21499	23050	1.48%	0.134%
45	11.222	1550	1553	1554	rVV	103835	96882	6.23%	0.562%
46	11.239	1554	1556	1560	rVB	169103	145379	9.35%	0.844%
47	11.345	1570	1574	1576	rBV	1739028	1546567	99.50%	8.979%
48	11.369	1576	1578	1582	rVV	790833	633702	40.77%	3.679%
49	11.422	1584	1587	1590	rBV	160142	134944	8.68%	0.783%
50	11.504	1598	1601	1605	rBV5	40700	41166	2.65%	0.239%
51	11.575	1610	1613	1618	rBV5	51122	83424	5.37%	0.484%
52	11.675	1627	1630	1635	rVB	136211	128928	8.30%	0.749%
53	11.757	1641	1644	1649	rBV	87405	122644	7.89%	0.712%
54	11.845	1656	1659	1662	rBV2	220076	219279	14.11%	1.273%
55	11.875	1662	1664	1668	rVB	257040	210441	13.54%	1.222%
56	11.922	1669	1672	1675	rBV2	94138	109203	7.03%	0.634%
57	11.957	1675	1678	1681	rVV2	250270	300512	19.33%	1.745%
58	11.980	1681	1682	1688	rVB	141598	122437	7.88%	0.711%
59	12.027	1688	1690	1691	rBV2	28149	22733	1.46%	0.132%
60	12.080	1696	1699	1703	rVB	70450	69984	4.50%	0.406%
61	12.139	1706	1709	1711	rBV	103477	94125	6.06%	0.546%
62	12.175	1713	1715	1720	rVB3	76081	77048	4.96%	0.447%
63	12.251	1723	1728	1729	rBV2	34756	58794	3.78%	0.341%
64	12.275	1729	1732	1733	rBV	43289	42269	2.72%	0.245%
65	12.322	1738	1740	1742	rVB	88527	58432	3.76%	0.339%
66	12.345	1742	1744	1747	rVB2	85088	69588	4.48%	0.404%
67	12.392	1749	1752	1755	rBV	230218	222444	14.31%	1.292%
68	12.480	1765	1767	1771	rBV3	64254	91854	5.91%	0.533%
69	12.516	1771	1773	1777	rVB3	85562	84256	5.42%	0.489%
70	12.563	1777	1781	1784	rBV	511609	490094	31.53%	2.845%
71	12.598	1784	1787	1789	rVB3	43172	53175	3.42%	0.309%

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72	12.657	1794	1797	1803	rBV	106709	104329	6.71%	0.606%
73	12.716	1804	1807	1809	rVV2	70170	67271	4.33%	0.391%
74	12.733	1809	1810	1813	rVB2	62950	42418	2.73%	0.246%
75	12.792	1814	1820	1826	rVB	738767	772031	49.67%	4.482%
76	12.845	1826	1829	1832	rVB	120039	122037	7.85%	0.709%
77	12.898	1835	1838	1840	rBV2	68597	78343	5.04%	0.455%
78	12.922	1840	1842	1845	rVB	64656	47361	3.05%	0.275%
79	13.004	1853	1856	1857	rBV3	59257	65901	4.24%	0.383%
80	13.116	1873	1875	1881	rVB	117860	138978	8.94%	0.807%
81	13.163	1881	1883	1884	rBV	34083	28807	1.85%	0.167%
82	13.186	1884	1887	1889	rVV	103703	97132	6.25%	0.564%
83	13.222	1891	1893	1897	rVB	85903	93930	6.04%	0.545%
84	13.316	1907	1909	1912	rBV	58979	46556	3.00%	0.270%
85	13.351	1912	1915	1918	rBV	74410	72653	4.67%	0.422%
86	13.745	1980	1982	1984	rVB	61806	41946	2.70%	0.244%
87	13.880	2002	2005	2008	rBV4	51734	45304	2.91%	0.263%
88	13.921	2010	2012	2016	rVB	63575	59145	3.81%	0.343%
89	13.992	2019	2024	2027	rVV2	1259308	1307221	84.10%	7.590%
90	14.016	2027	2028	2032	rVB	158821	118142	7.60%	0.686%
91	14.380	2088	2090	2093	rVB	63475	47172	3.03%	0.274%
92	14.569	2120	2122	2125	rBV4	30851	41686	2.68%	0.242%
93	15.039	2198	2202	2204	rBV	94590	129742	8.35%	0.753%
94	15.151	2217	2221	2226	rVB2	30006	45220	2.91%	0.263%
95	15.339	2250	2253	2259	rVB	81716	95067	6.12%	0.552%
96	15.404	2260	2264	2267	rVV	104568	134167	8.63%	0.779%
97	15.463	2269	2274	2286	rVB	724302	970266	62.43%	5.633%
98	15.863	2340	2342	2346	rVB3	21020	23753	1.53%	0.138%
99	16.945	2521	2526	2534	rVB3	56575	110880	7.13%	0.644%
100	17.392	2595	2602	2610	rBV2	44105	106912	6.88%	0.621%

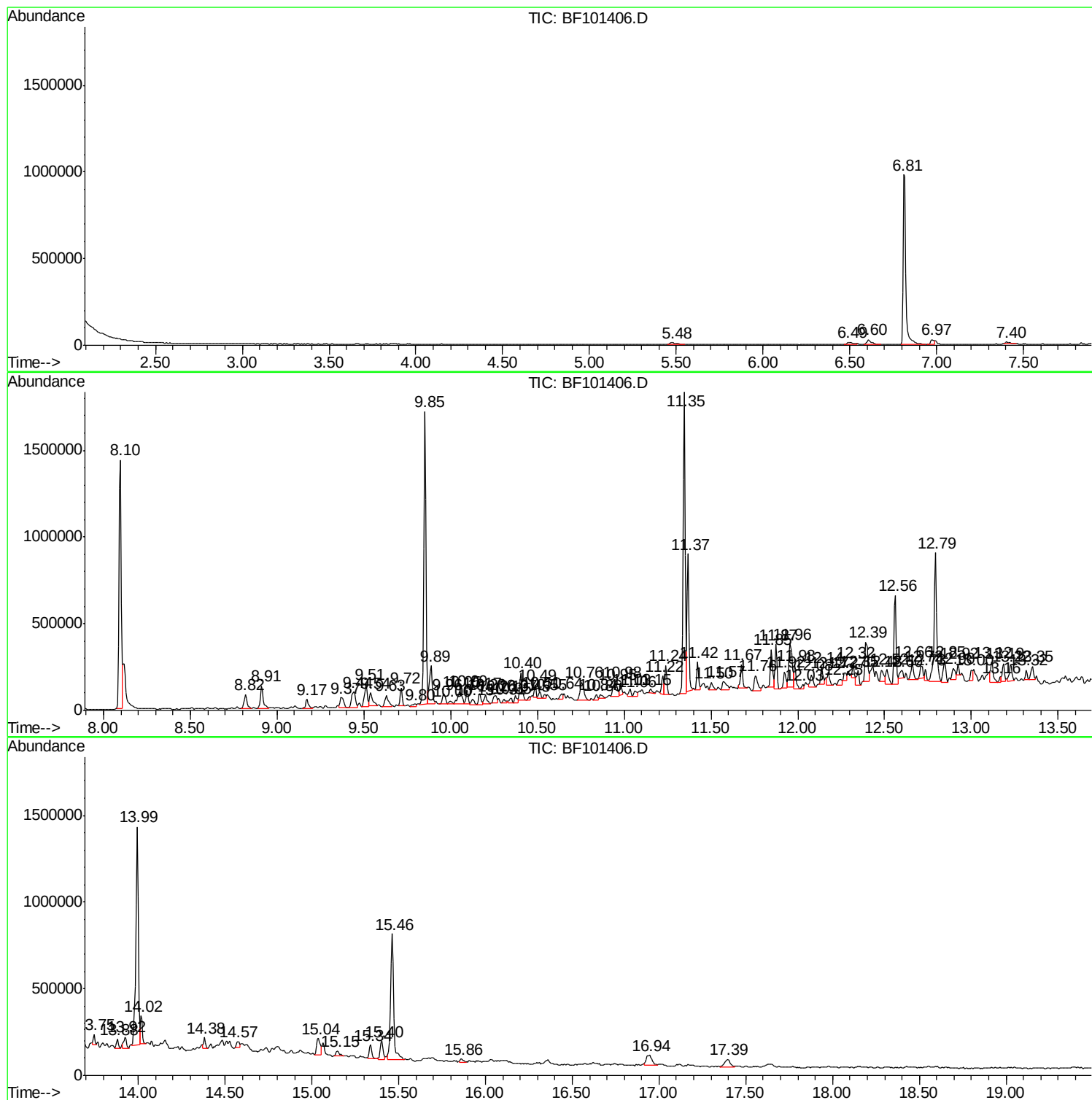
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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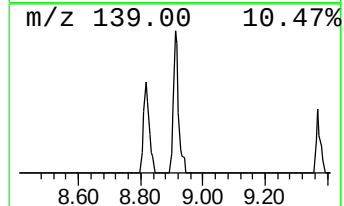
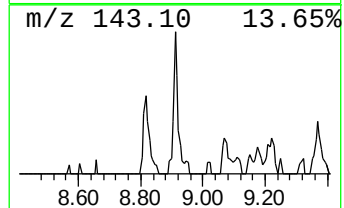
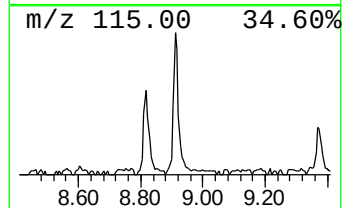
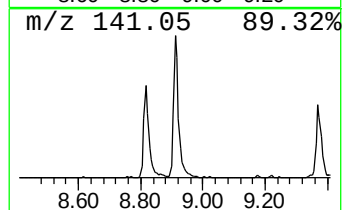
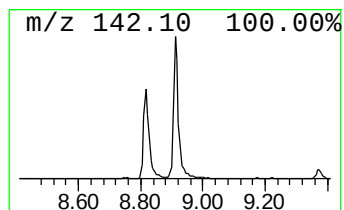
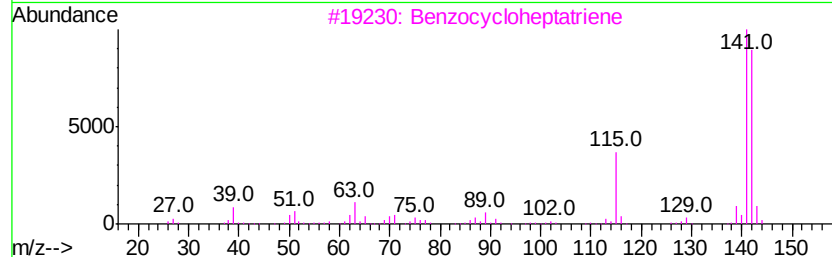
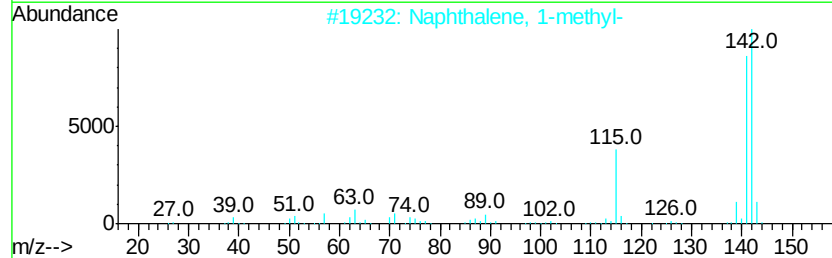
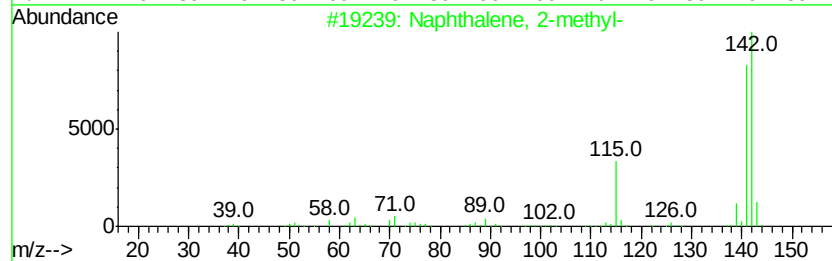
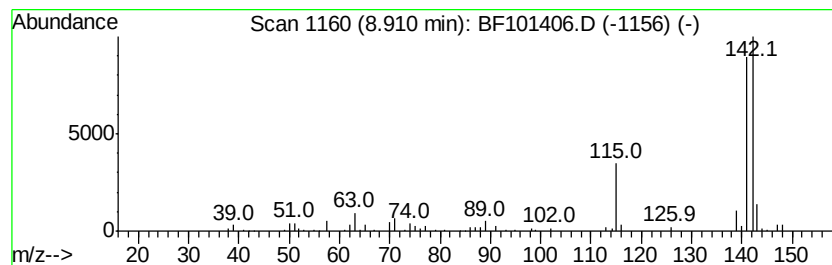
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.21 ng	153607	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		Benzocycloheptatriene	142 C11H10	000264-09-5 91
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 86



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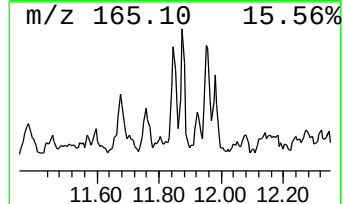
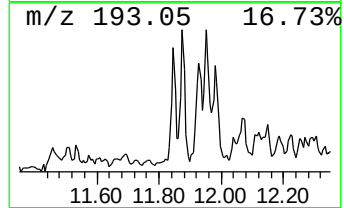
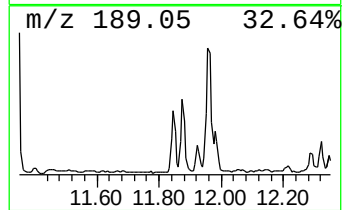
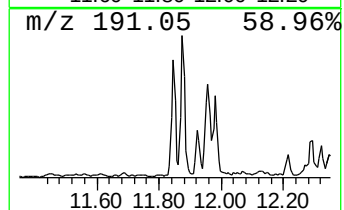
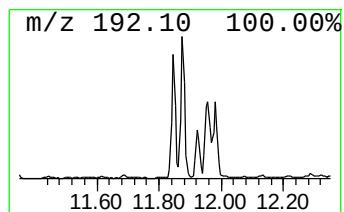
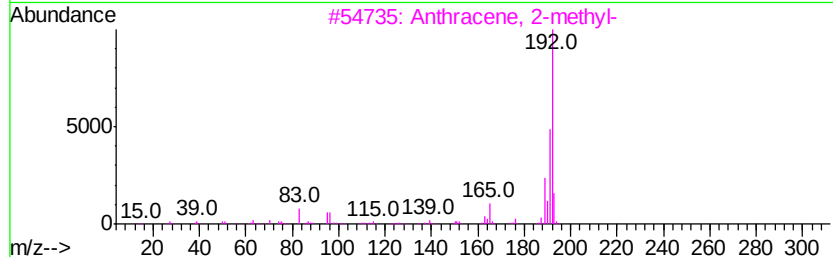
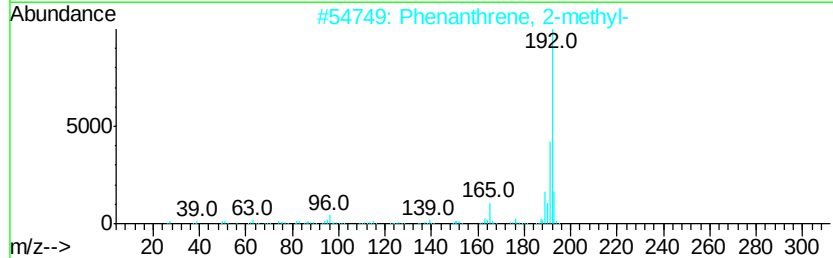
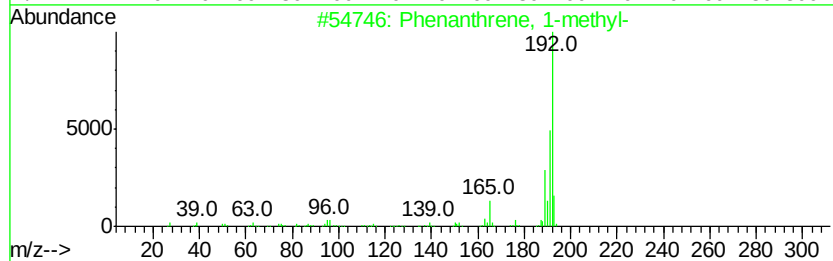
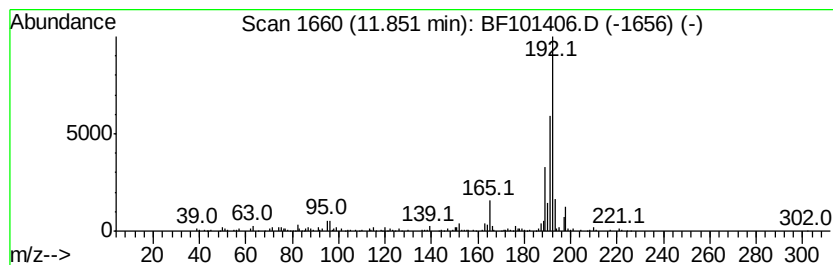
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	2.84 ng	219279	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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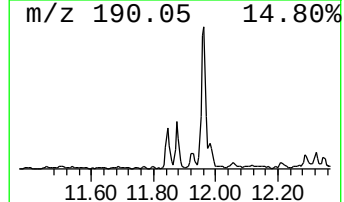
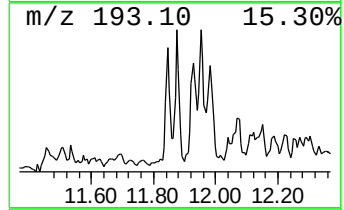
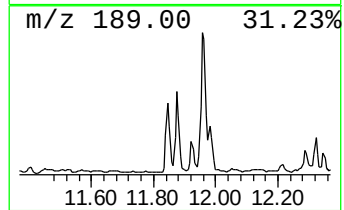
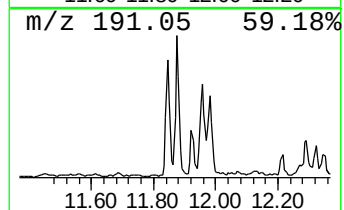
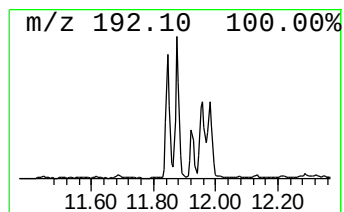
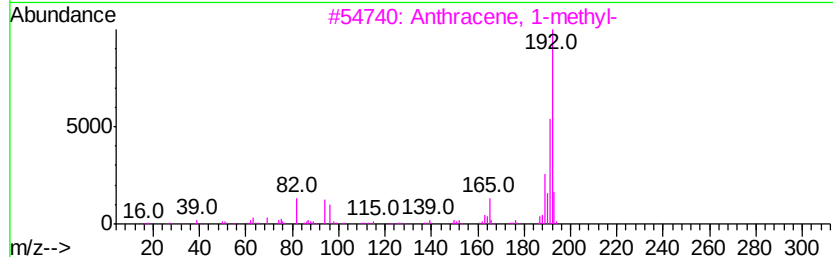
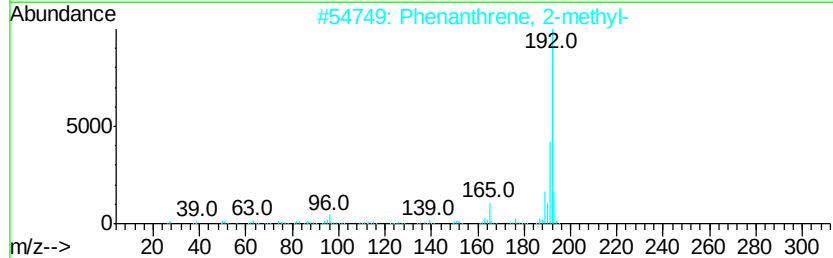
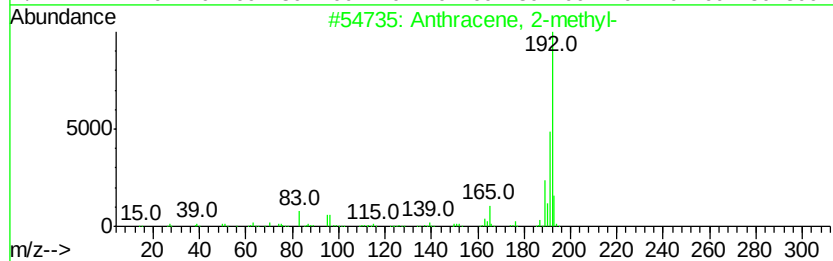
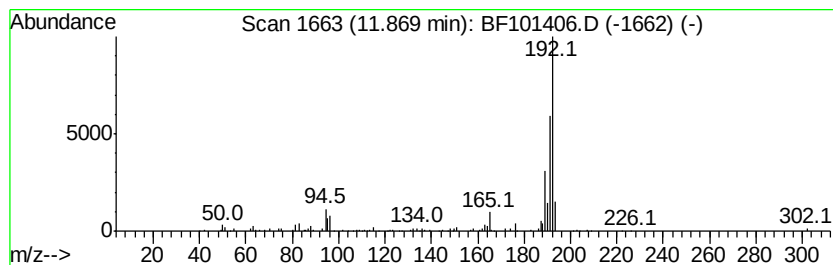
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.72 ng	210441	Phenanthrene-d10	11.35	
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, 1-methyl-	192	C15H12	000610-48-0	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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Operator : SJ/JU
Sample : I6840-01 100X
Misc :
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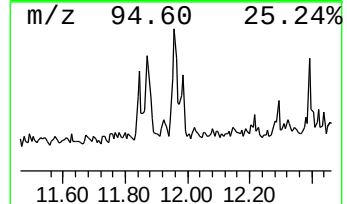
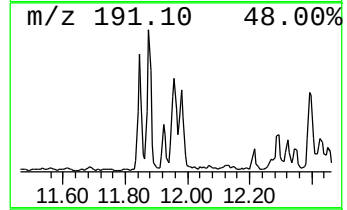
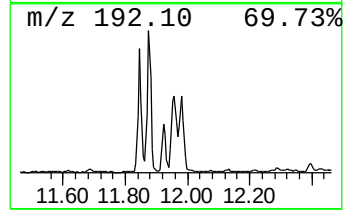
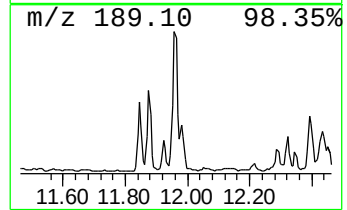
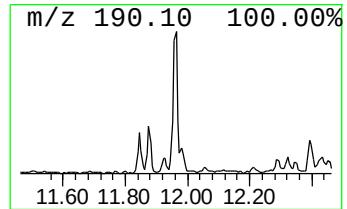
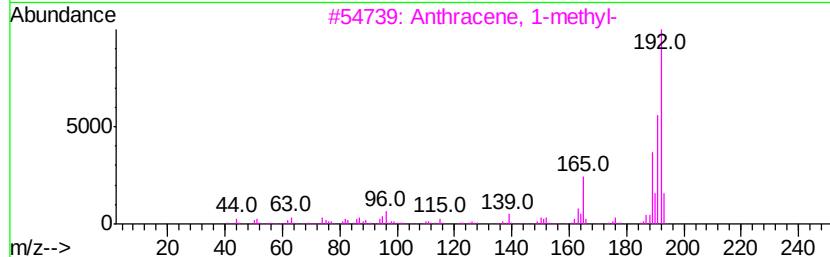
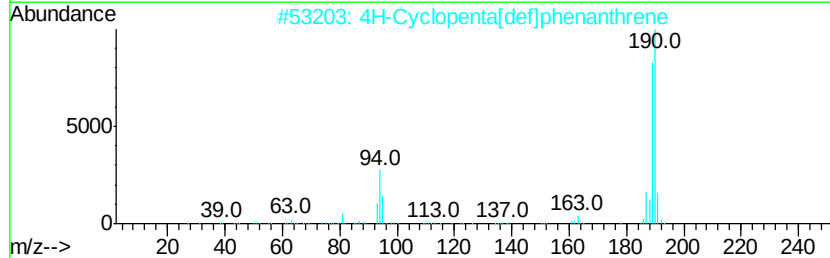
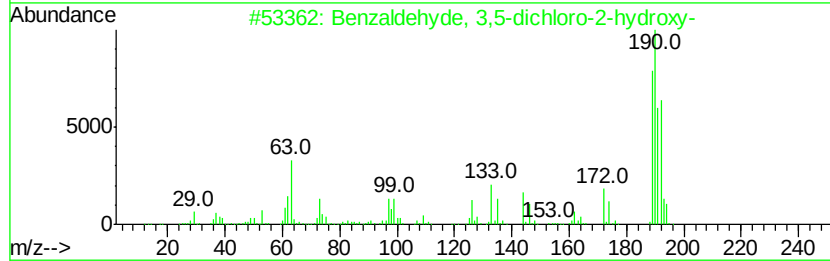
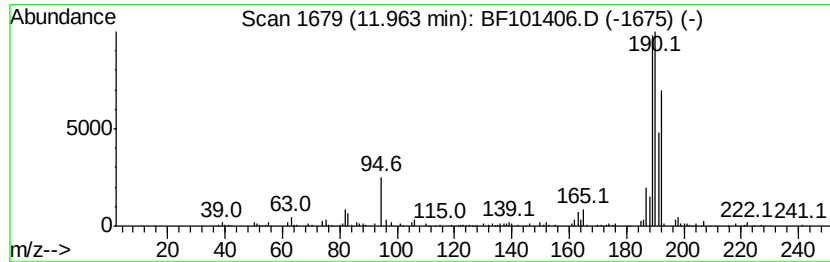
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ClientSampleId :
WC-41446854-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	3.89 ng	300512	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101406.D
Acq On : 14 Dec 2017 21:10
Operator : SJ/JU
Sample : I6840-01 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-41446854-02

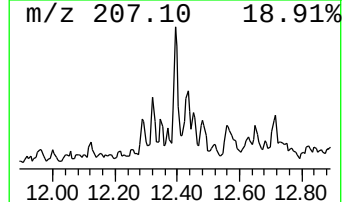
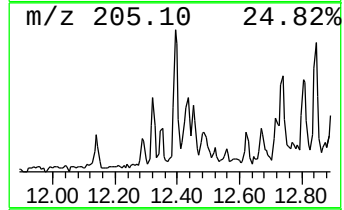
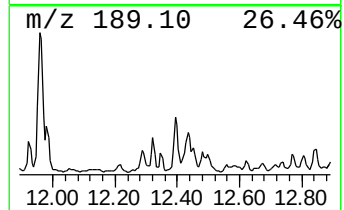
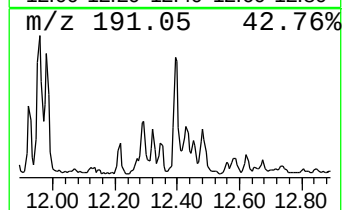
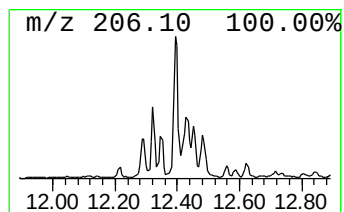
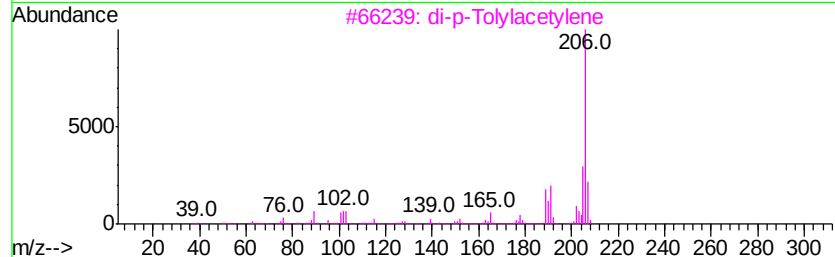
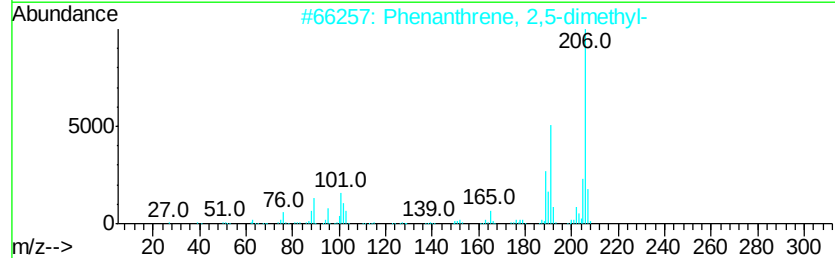
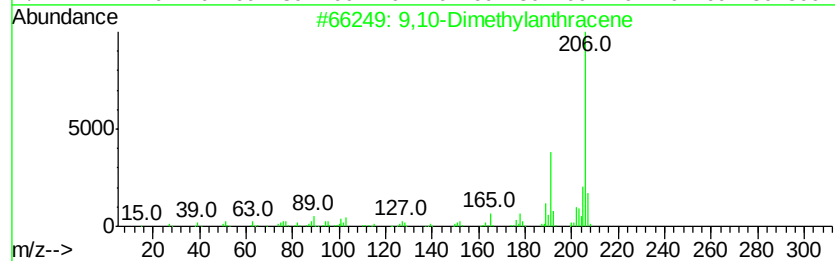
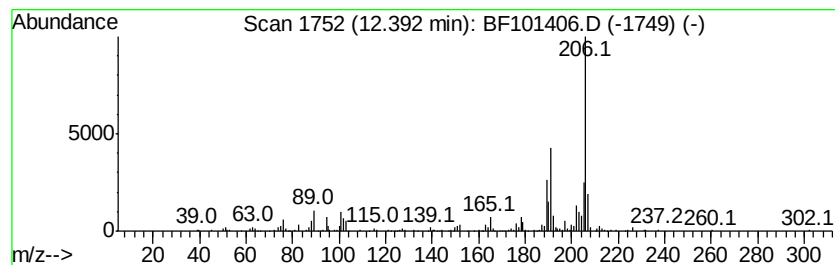
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Dimethylantracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.88 ng	222444	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101406.D
Acq On : 14 Dec 2017 21:10
Operator : SJ/JU
Sample : I6840-01 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

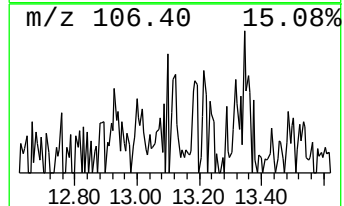
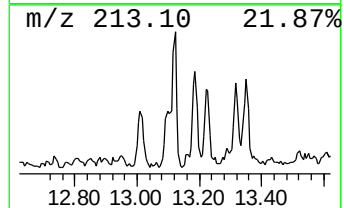
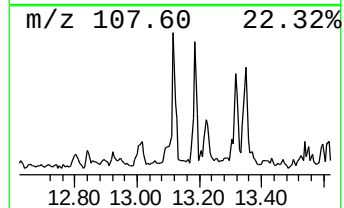
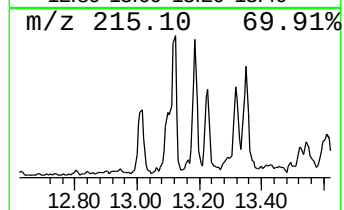
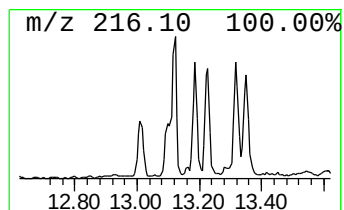
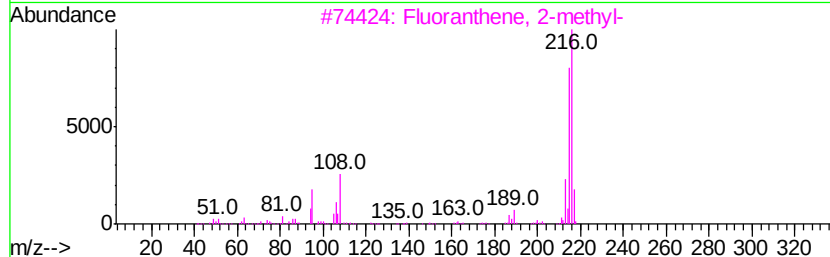
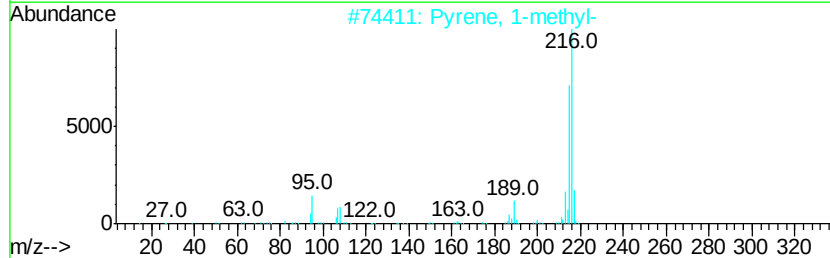
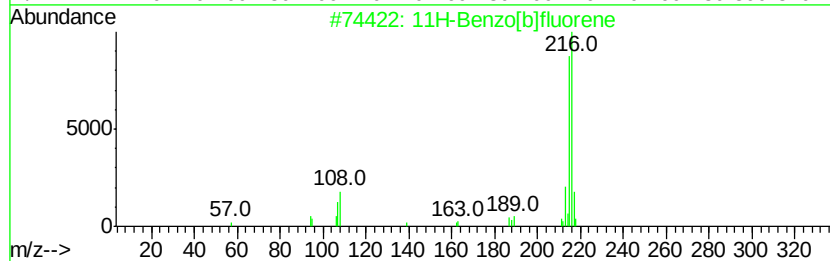
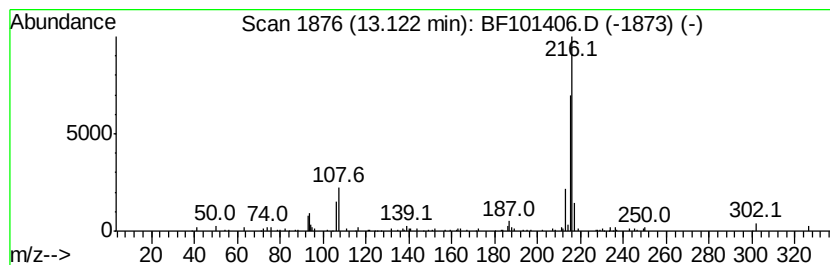
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.13 ng	138978	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 86
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 83
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 80
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 74



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
Data File : BF101406.D
Acq On : 14 Dec 2017 21:10
Operator : SJ/JU
Sample : I6840-01 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-41446854-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	8.91	2.2	ng	153607	2	8.10	1392970	20.0
Phenanthrene, 1-m...	11.85	2.8	ng	219279	4	11.35	1546570	20.0
Anthracene, 2-met...	11.87	2.7	ng	210441	4	11.35	1546570	20.0
Benzaldehyde, 3,5...	11.96	3.9	ng	300512	4	11.35	1546570	20.0
9,10-Dimethylanthe...	12.39	2.9	ng	222444	4	11.35	1546570	20.0
11H-Benzo[b]fluorene	13.12	2.1	ng	138978	5	13.99	1307220	20.0