

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100981.D
 Acq On : 29 Nov 2017 16:44
 Operator : SJ/JU
 Sample : I6612-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

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-BF110817.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	5.463	570	574	578	rBV	720827	693738	11.31%	0.910%
2	6.481	743	747	753	rBV	822343	740071	12.07%	0.971%
3	6.622	767	771	774	rBV	863107	757762	12.36%	0.994%
4	6.851	807	810	813	rBV	484534	370296	6.04%	0.486%
5	7.004	833	836	840	rBV	649780	581832	9.49%	0.763%
6	7.416	902	906	909	rBV	479733	443789	7.24%	0.582%
7	8.134	1024	1028	1030	rBV	613072	522433	8.52%	0.685%
8	8.157	1030	1032	1035	rVB	612719	434059	7.08%	0.569%
9	8.845	1145	1149	1153	rBV	576712	470039	7.67%	0.617%
10	8.945	1162	1166	1169	rBV	580374	451675	7.37%	0.593%
11	9.210	1207	1211	1214	rVB	981908	861145	14.05%	1.130%
12	9.475	1250	1256	1259	rBV	248835	317034	5.17%	0.416%
13	9.545	1264	1268	1271	rVV	452951	444181	7.24%	0.583%
14	9.575	1271	1273	1275	rVV	281565	213597	3.48%	0.280%
15	9.663	1284	1288	1297	rVB	233739	254279	4.15%	0.334%
16	9.751	1300	1303	1308	rVB2	518464	432862	7.06%	0.568%
17	9.892	1324	1327	1329	rVV	581687	520536	8.49%	0.683%
18	9.922	1329	1332	1335	rVV	682437	549865	8.97%	0.721%
19	10.092	1357	1361	1365	rVV2	674622	663317	10.82%	0.870%
20	10.204	1376	1380	1383	rBV2	175520	195243	3.18%	0.256%
21	10.445	1417	1421	1425	rVV	1274755	1307471	21.32%	1.715%
22	10.504	1425	1431	1433	rVV2	143890	217045	3.54%	0.285%
23	10.592	1443	1446	1450	rVV2	334569	399975	6.52%	0.525%
24	10.680	1454	1461	1464	rVV2	761518	831068	13.55%	1.090%
25	10.804	1476	1482	1487	rVB3	163491	234526	3.83%	0.308%
26	10.986	1506	1513	1515	rBV3	335120	391035	6.38%	0.513%
27	11.016	1515	1518	1520	rVV	191030	173156	2.82%	0.227%
28	11.110	1530	1534	1536	rVV3	131199	168158	2.74%	0.221%
29	11.133	1536	1538	1544	rVV	150244	216604	3.53%	0.284%
30	11.186	1544	1547	1551	rVV	366983	355796	5.80%	0.467%
31	11.227	1551	1554	1558	rVV2	137214	181012	2.95%	0.237%
32	11.275	1558	1562	1568	rVB	571392	550223	8.97%	0.722%
33	11.427	1576	1588	1590	rBV	3911953	6131292	100.00%	8.044%
34	11.463	1590	1594	1597	rVV	1430337	1395603	22.76%	1.831%

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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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.610	1612	1619	1626	rVV2	557598	661425	10.79%	0.868%
36	11.675	1626	1630	1632	rVV	242849	226643	3.70%	0.297%
37	11.710	1633	1636	1640	rVB3	306345	306745	5.00%	0.402%
38	11.792	1647	1650	1655	rVB	179110	203649	3.32%	0.267%
39	11.886	1660	1666	1668	rBV	1022904	1035142	16.88%	1.358%
40	11.916	1668	1671	1674	rVB	1348937	1158779	18.90%	1.520%
41	11.963	1674	1679	1681	rBV	360634	372389	6.07%	0.489%
42	11.998	1681	1685	1687	rVV2	1514959	1629632	26.58%	2.138%
43	12.022	1687	1689	1692	rVB	848474	640651	10.45%	0.840%
44	12.175	1712	1715	1718	rVV	625758	594760	9.70%	0.780%
45	12.210	1718	1721	1725	rVB	607641	551898	9.00%	0.724%
46	12.322	1735	1740	1743	rBV2	204894	278291	4.54%	0.365%
47	12.357	1743	1746	1748	rVB	236459	181419	2.96%	0.238%
48	12.433	1753	1759	1762	rBV	574266	680552	11.10%	0.893%
49	12.469	1762	1765	1768	rVV2	329493	442795	7.22%	0.581%
50	12.533	1771	1776	1780	rVB2	401701	490395	8.00%	0.643%
51	12.622	1783	1791	1793	rBV	3634524	5540544	90.37%	7.269%
52	12.663	1796	1798	1801	rVB2	221844	182221	2.97%	0.239%
53	12.751	1807	1813	1816	rBV2	330019	437648	7.14%	0.574%
54	12.851	1822	1830	1832	rBV2	3436771	5679940	92.64%	7.452%
55	12.874	1832	1834	1839	rVB2	367580	355610	5.80%	0.467%
56	12.963	1842	1849	1851	rVV2	681725	945734	15.42%	1.241%
57	12.986	1851	1853	1856	rVB	364006	309271	5.04%	0.406%
58	13.045	1858	1863	1866	rBV2	461562	776524	12.66%	1.019%
59	13.127	1874	1877	1879	rVV3	403179	498108	8.12%	0.653%
60	13.157	1879	1882	1885	rVB	978050	995909	16.24%	1.307%
61	13.222	1885	1893	1896	rBV	776774	884695	14.43%	1.161%
62	13.263	1896	1900	1903	rVV2	713380	812488	13.25%	1.066%
63	13.351	1912	1915	1918	rVV	445174	446399	7.28%	0.586%
64	13.386	1918	1921	1923	rVV	480177	458121	7.47%	0.601%
65	13.639	1960	1964	1966	rBV2	130471	181443	2.96%	0.238%
66	13.669	1966	1969	1972	rVV	469449	475205	7.75%	0.623%
67	13.774	1982	1987	1990	rBV	682873	817119	13.33%	1.072%
68	13.804	1990	1992	1994	rVV	576048	464262	7.57%	0.609%
69	13.827	1994	1996	2002	rVV3	451730	708772	11.56%	0.930%
70	13.880	2002	2005	2007	rVV	427069	433134	7.06%	0.568%
71	13.945	2011	2016	2019	rBV	169699	208830	3.41%	0.274%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	14.027	2022	2030	2033	rBV2	2137265	3666193	59.79%	4.810%
73	14.069	2033	2037	2042	rVB	2337532	2711315	44.22%	3.557%
74	14.139	2046	2049	2053	rVV	439952	414446	6.76%	0.544%
75	14.174	2053	2055	2060	rVV3	269625	425833	6.95%	0.559%
76	14.216	2060	2062	2065	rVV	200035	192413	3.14%	0.252%
77	14.251	2065	2068	2071	rVV2	297592	369735	6.03%	0.485%
78	14.374	2086	2089	2091	rBV2	212671	211114	3.44%	0.277%
79	14.416	2091	2096	2099	rVV	695561	821421	13.40%	1.078%
80	14.445	2099	2101	2105	rVV	372692	384870	6.28%	0.505%
81	14.492	2105	2109	2110	rVV2	159073	215700	3.52%	0.283%
82	14.510	2110	2112	2115	rVV	253024	243120	3.97%	0.319%
83	14.539	2115	2117	2119	rVV	430863	382435	6.24%	0.502%
84	14.563	2119	2121	2124	rVB2	370252	300901	4.91%	0.395%
85	14.604	2124	2128	2134	rVB3	252996	355169	5.79%	0.466%
86	14.910	2176	2180	2183	rBV	237294	261112	4.26%	0.343%
87	15.092	2203	2211	2213	rBV	1488018	2925104	47.71%	3.838%
88	15.186	2223	2227	2230	rVB	367442	383021	6.25%	0.502%
89	15.392	2255	2262	2267	rVB	1006764	1500875	24.48%	1.969%
90	15.463	2267	2274	2277	rBV	1335798	1955063	31.89%	2.565%
91	15.510	2277	2282	2284	rVV	252473	353654	5.77%	0.464%
92	15.545	2284	2288	2293	rVV2	495504	711711	11.61%	0.934%
93	15.939	2350	2355	2360	rBV3	88213	161956	2.64%	0.212%
94	16.068	2373	2377	2382	rVB	145693	200836	3.28%	0.263%
95	16.792	2493	2500	2504	rBV2	94024	226217	3.69%	0.297%
96	17.009	2528	2537	2542	rVB2	591507	1331987	21.72%	1.747%
97	17.162	2558	2563	2568	rBV	119695	231970	3.78%	0.304%
98	17.227	2568	2574	2578	rBV2	114362	213528	3.48%	0.280%
99	17.462	2603	2614	2625	rBV	448295	1129121	18.42%	1.481%
100	17.686	2646	2652	2666	rVB2	161285	404599	6.60%	0.531%

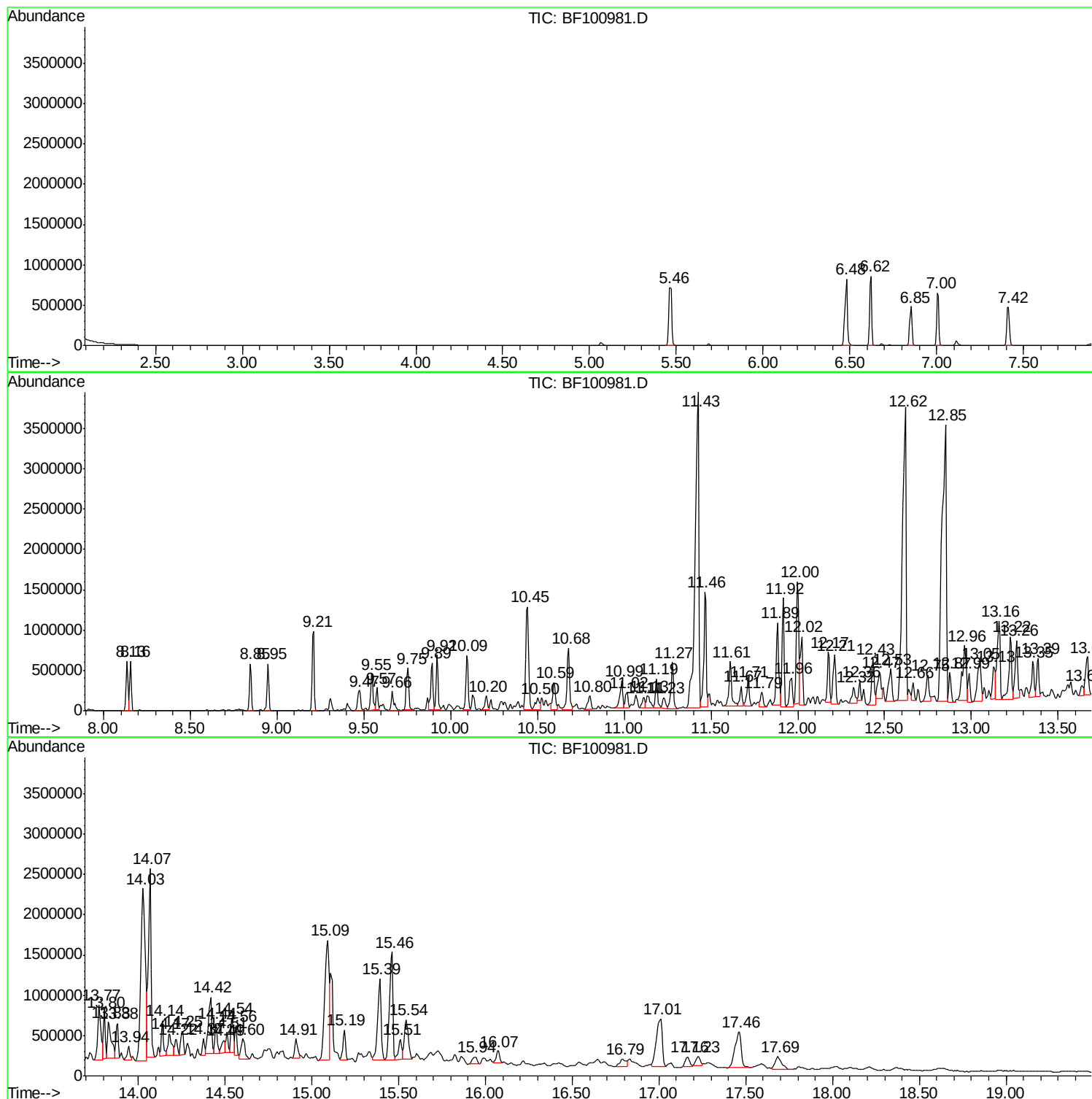
Sum of corrected areas: 76223278

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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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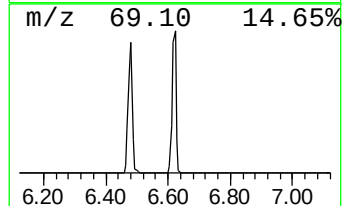
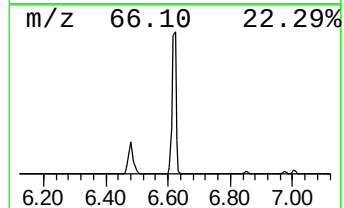
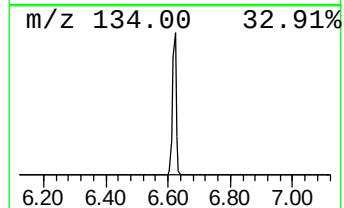
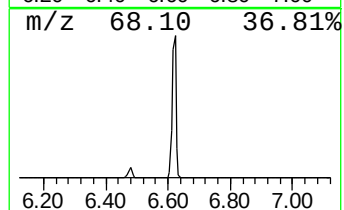
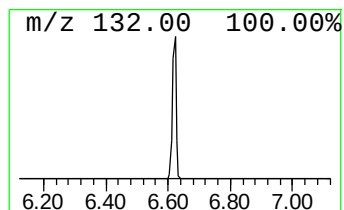
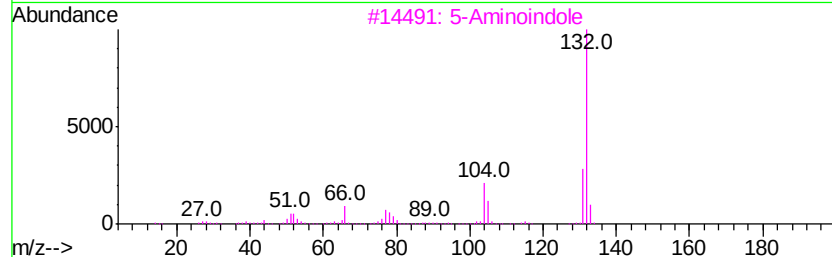
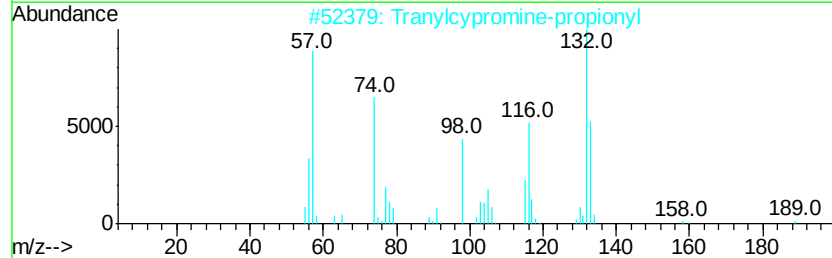
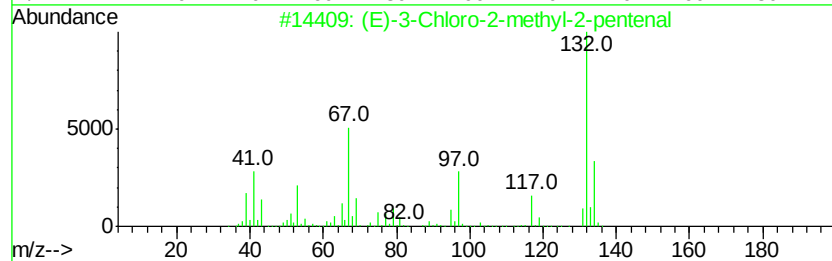
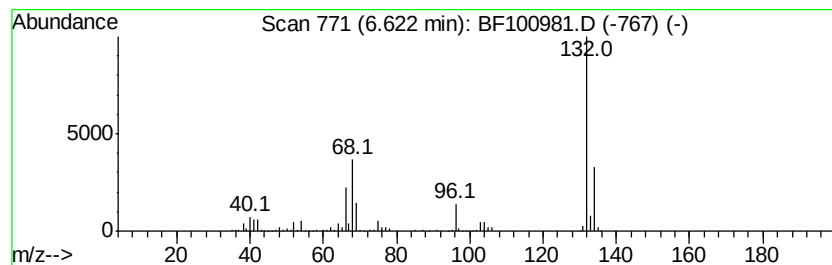
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	40.93 ng	757762	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	12
5		Xenon	132	Xe	007440-63-3	9



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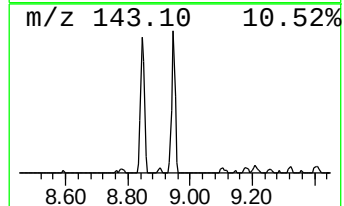
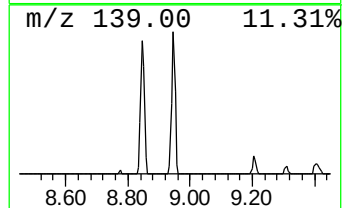
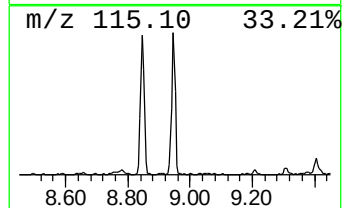
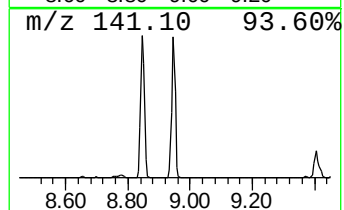
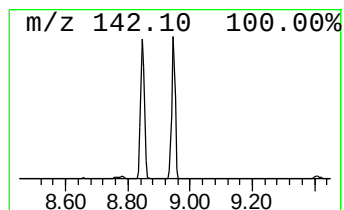
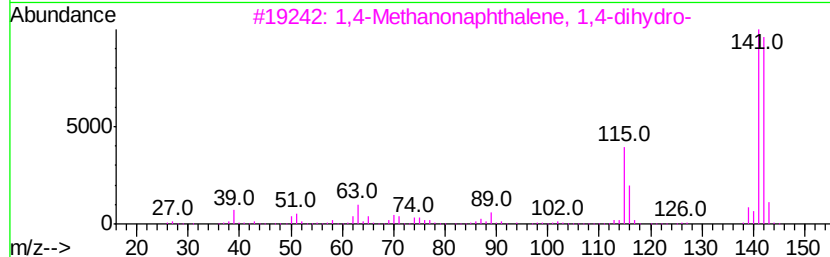
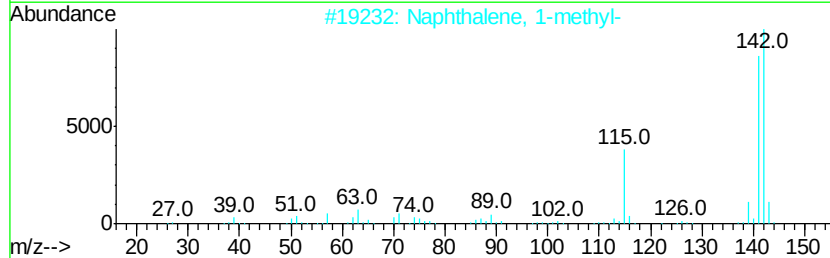
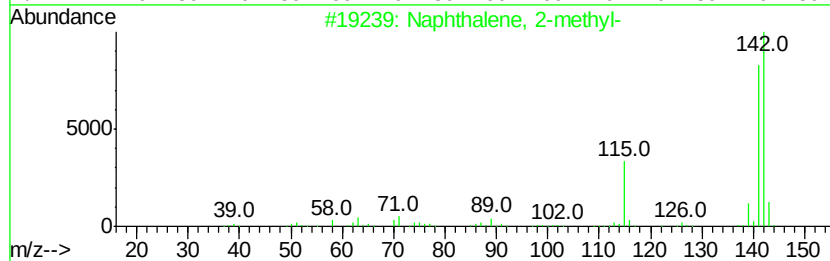
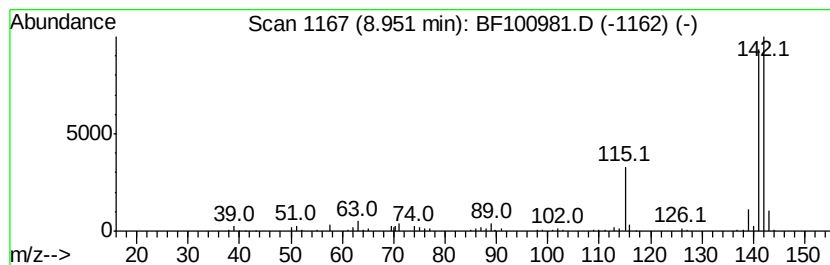
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.95	17.29 ng	451675	Naphthalene-d8	8.13		
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		1,4-Methanonaphthalene, 1,4-dihydro-	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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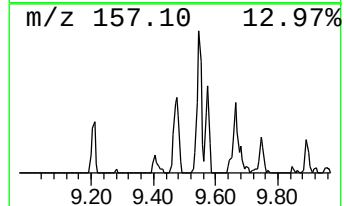
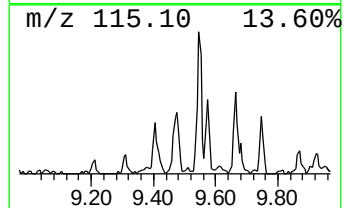
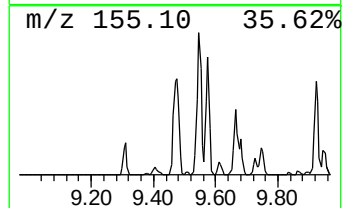
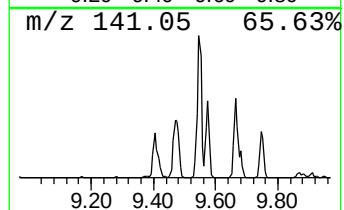
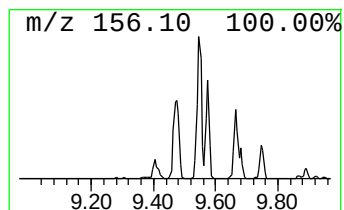
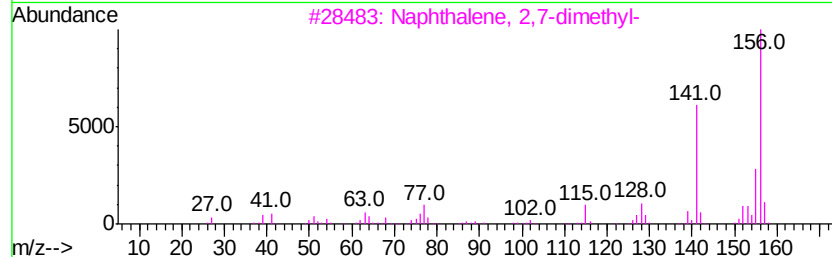
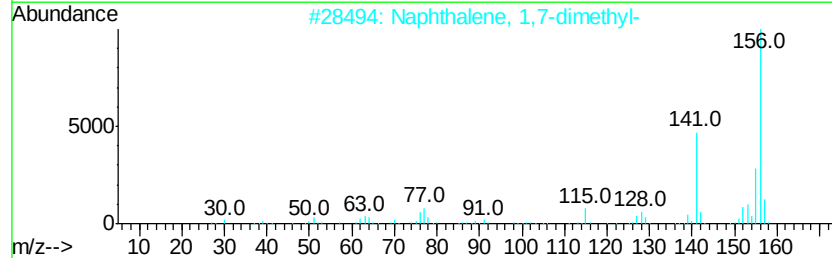
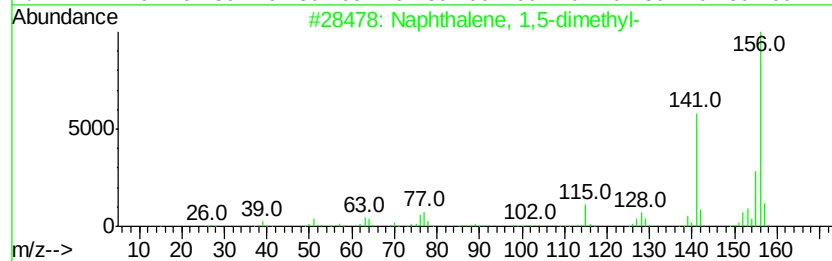
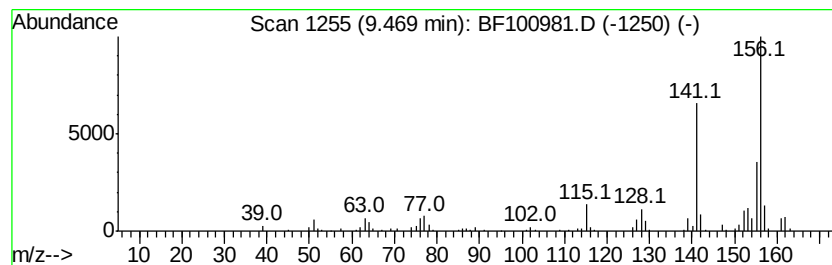
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	12.18 ng	317034	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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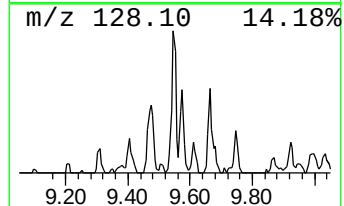
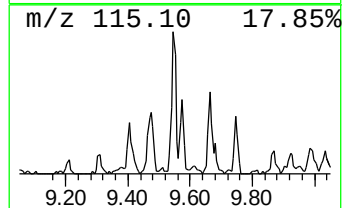
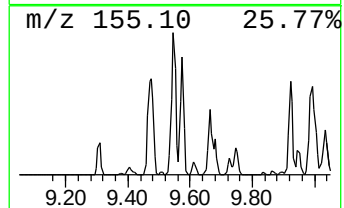
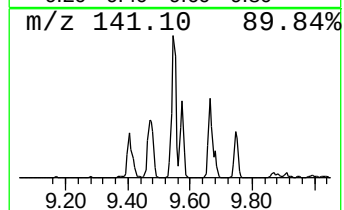
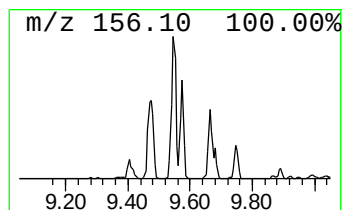
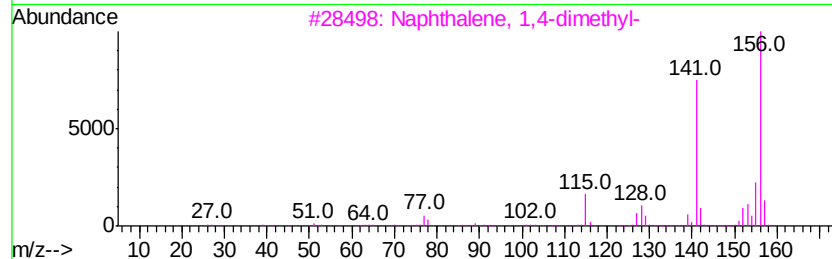
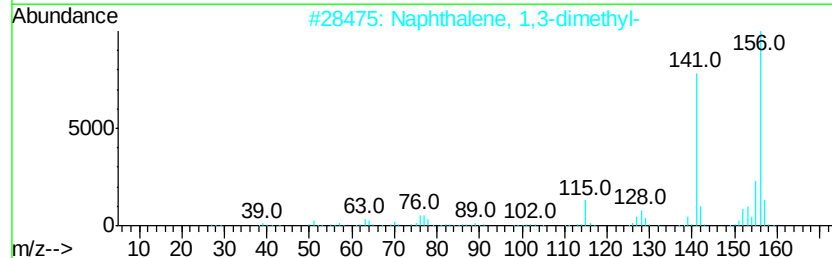
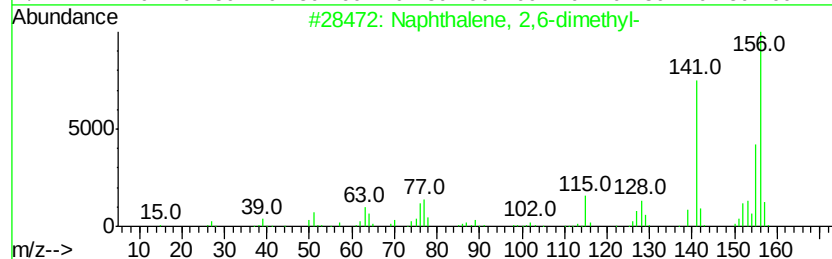
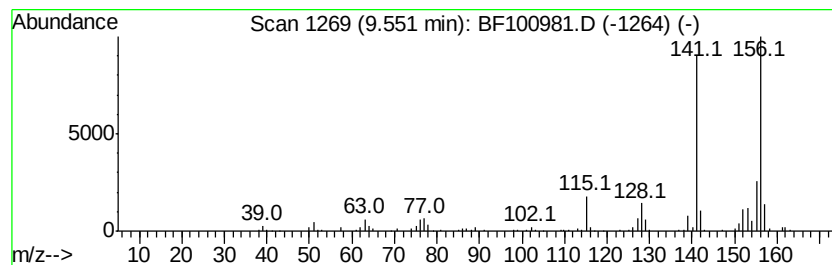
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	17.07 ng	444181	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100981.D
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Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

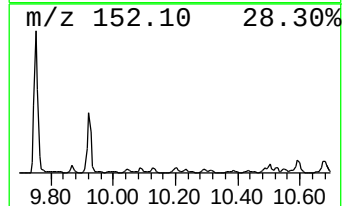
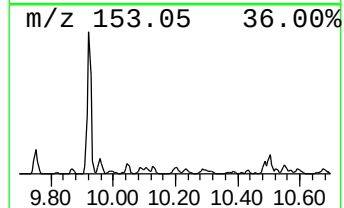
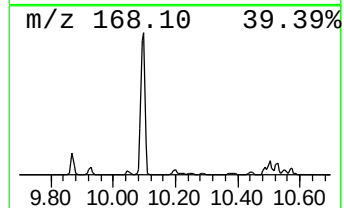
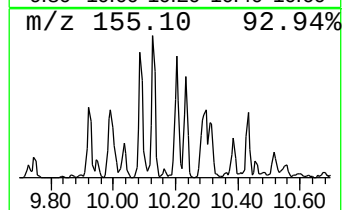
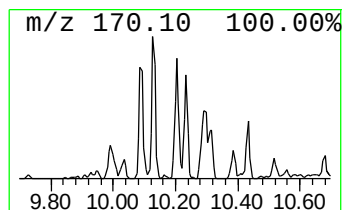
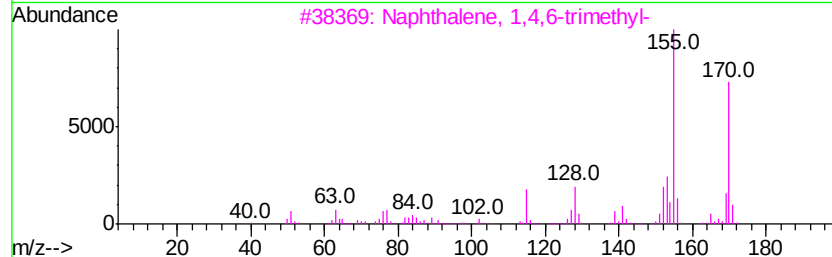
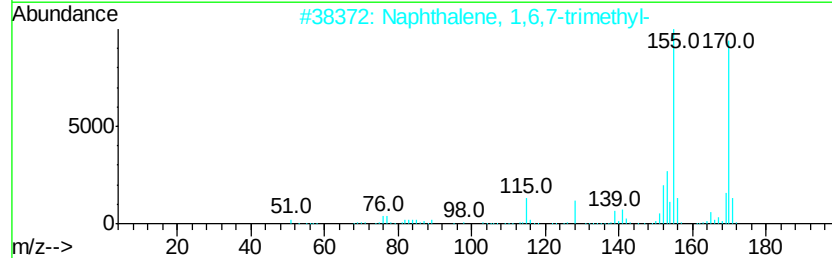
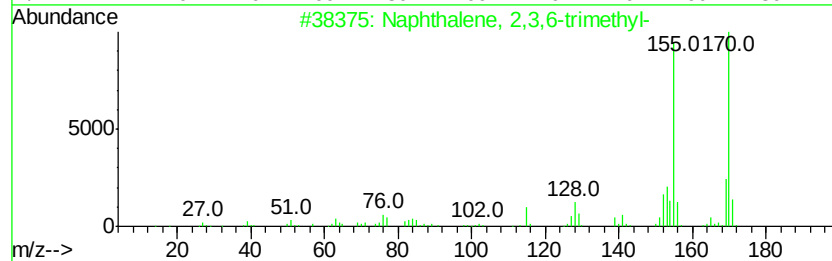
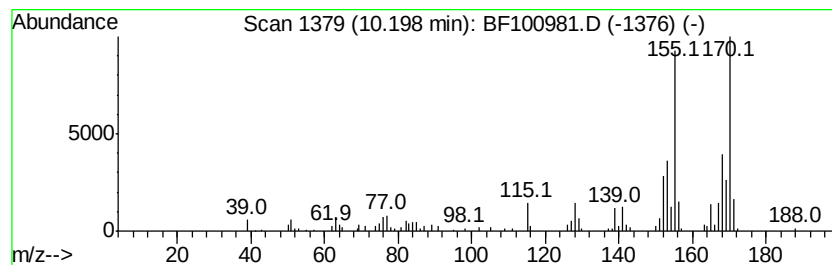
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.20	7.50 ng	195243	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100981.D
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Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

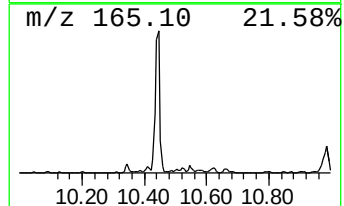
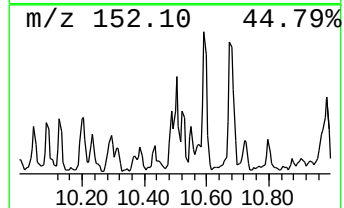
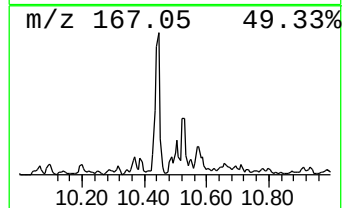
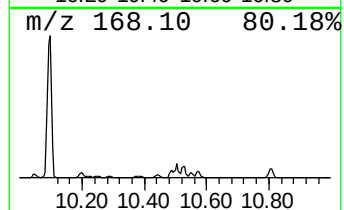
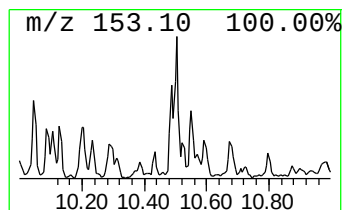
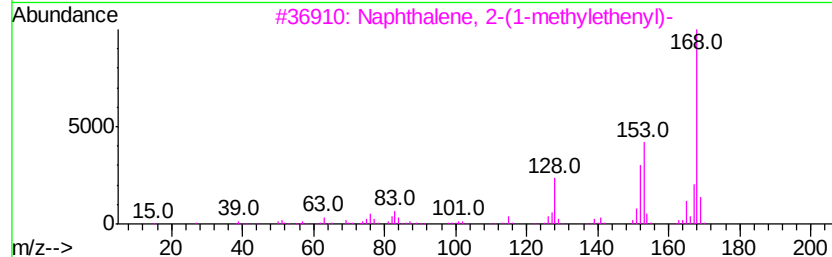
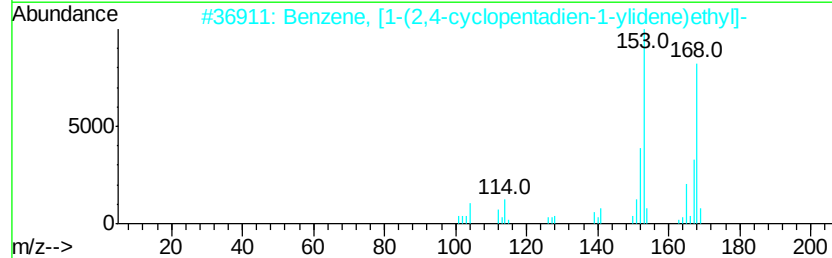
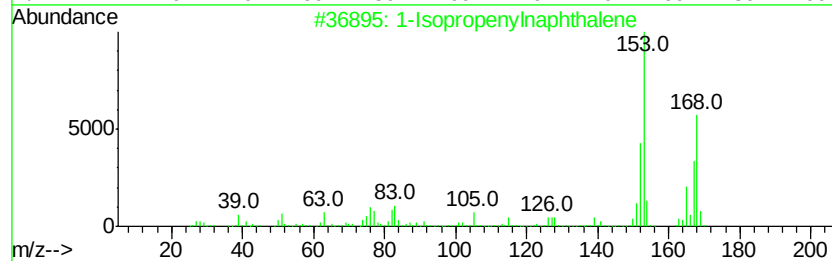
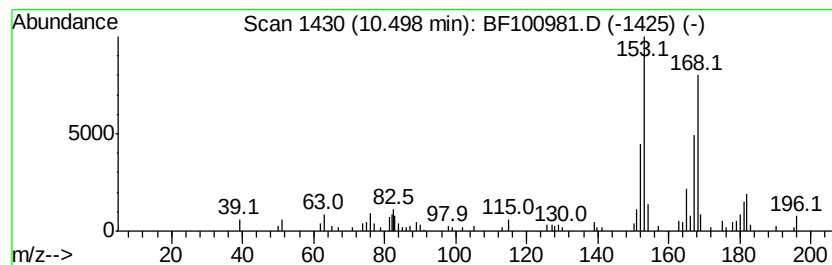
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	8.34 ng	217045	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Isopropenylnaphthalene	168 C13H12	001855-47-6	91
2	Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3	87
3	Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168 C8H8O4	000480-66-0	43
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168 C8H8O4	000528-21-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
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Operator : SJ/JU
Sample : I6612-01 2X
Misc :
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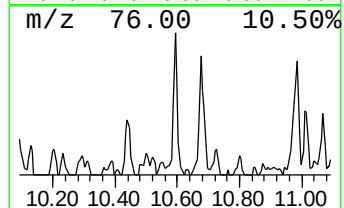
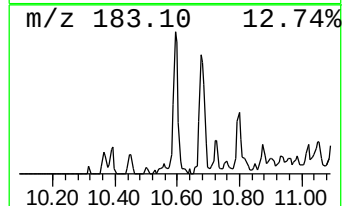
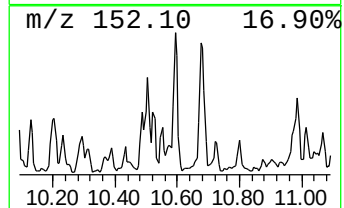
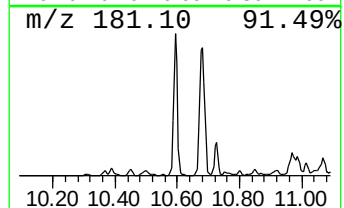
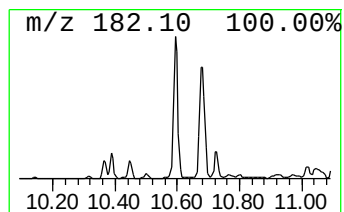
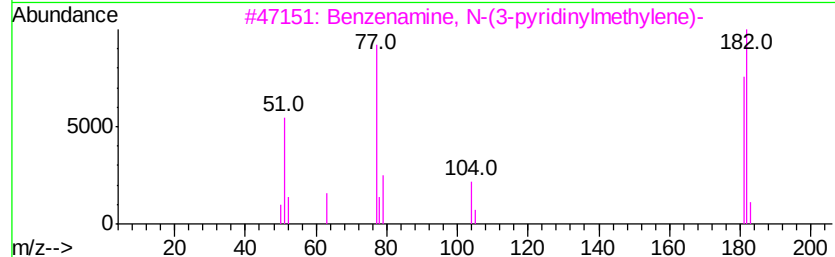
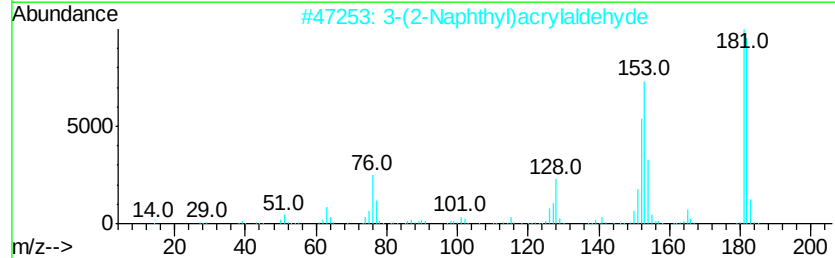
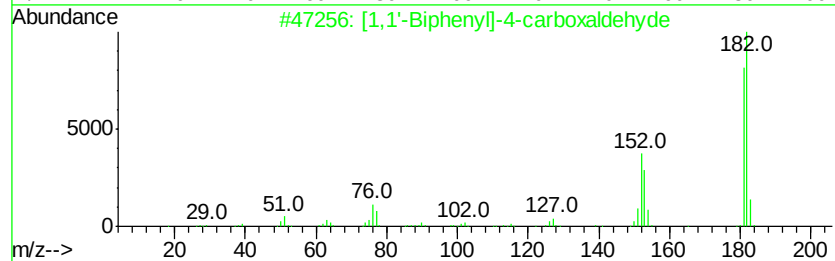
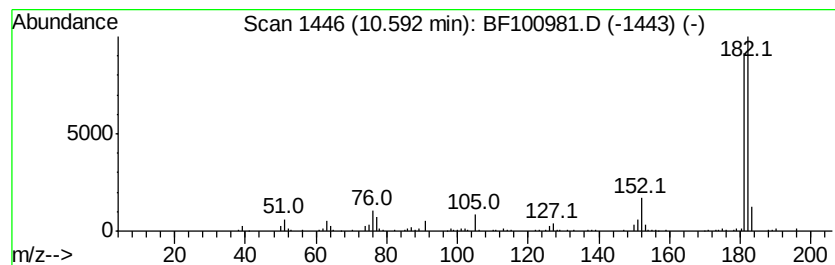
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	15.37 ng	399975	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 83
2		3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3 78
3		Benzenamine, N-(3-pyridinyl)methyl-	182 C12H10N2	029722-97-2 64
4		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 64
5		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
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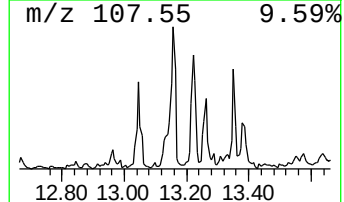
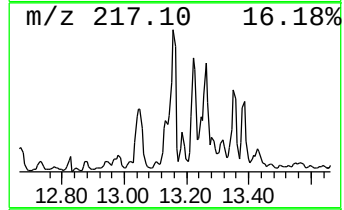
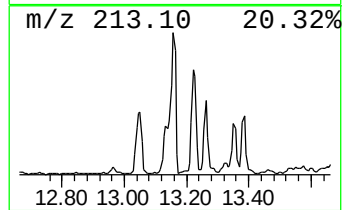
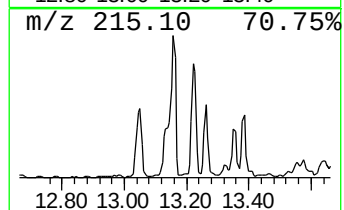
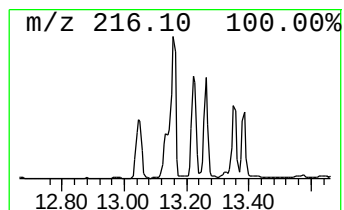
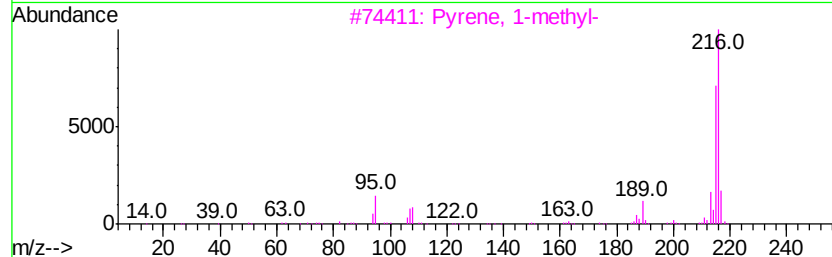
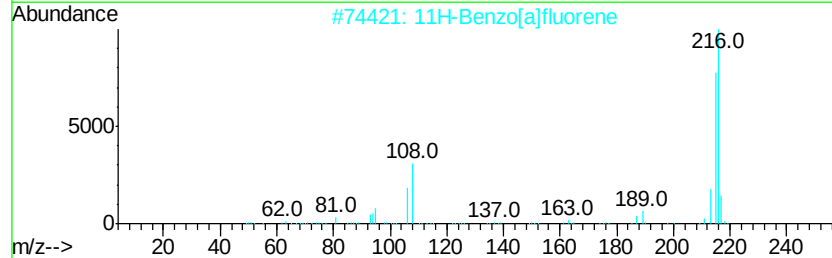
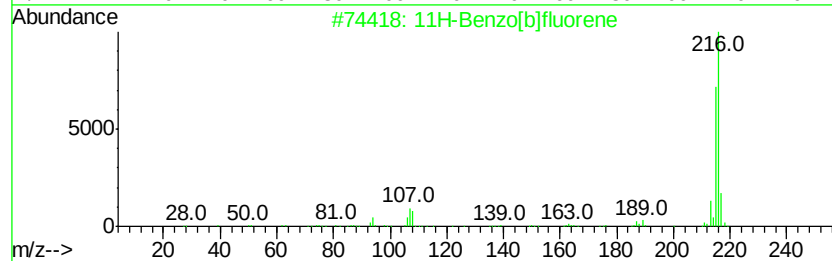
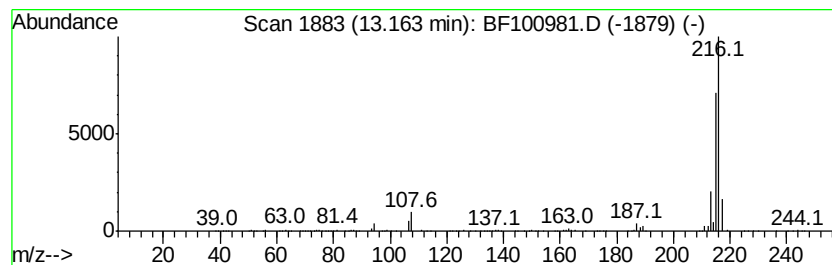
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.43 ng	995909	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 96
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 87
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
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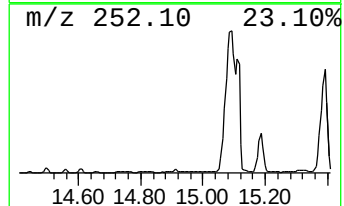
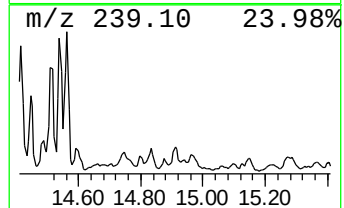
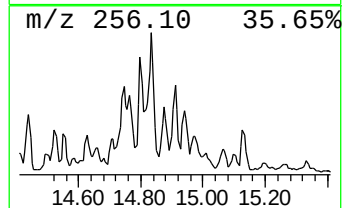
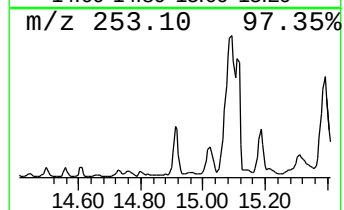
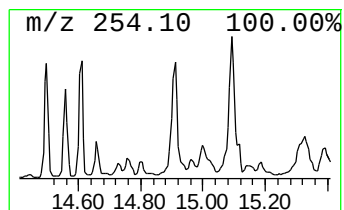
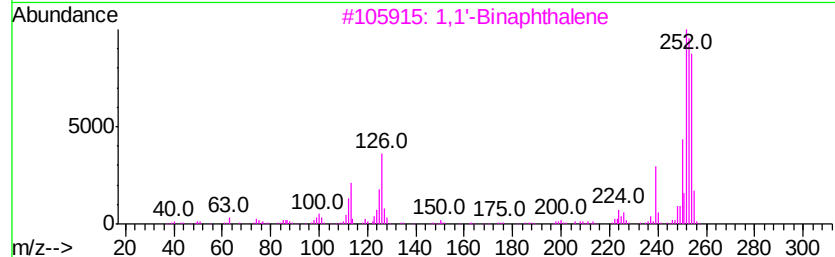
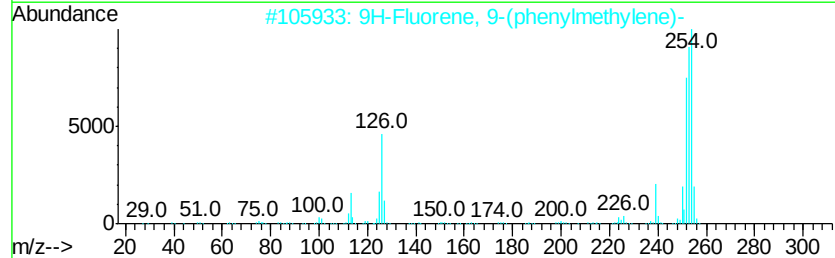
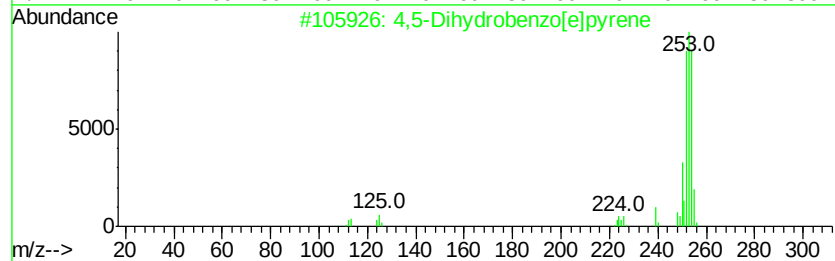
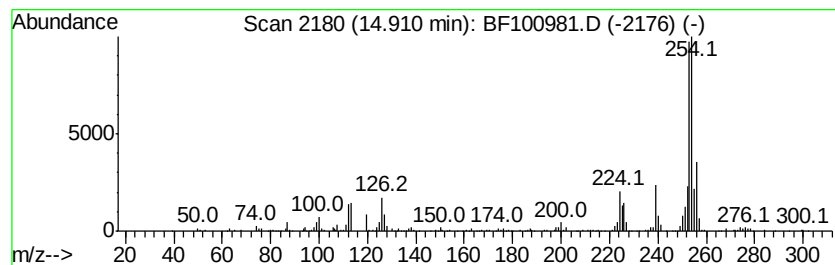
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4,5-Dihydrobenzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	14.77 ng	261112	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	76
4		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	70
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
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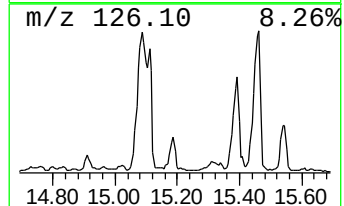
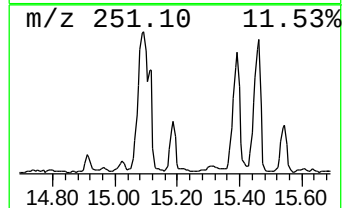
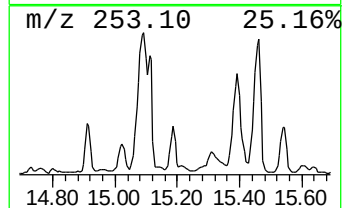
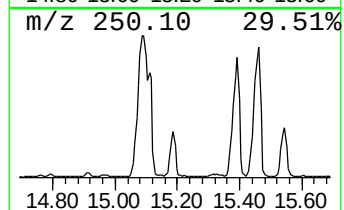
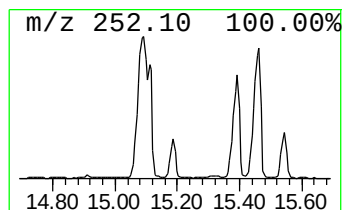
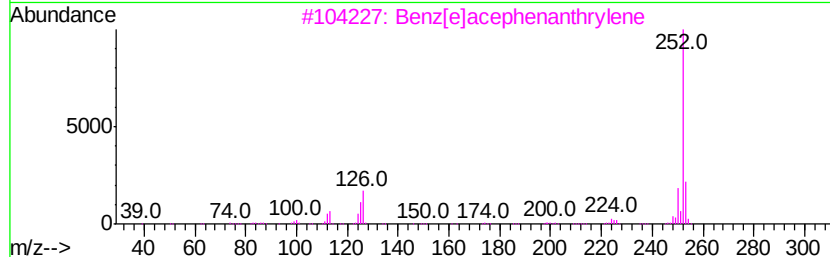
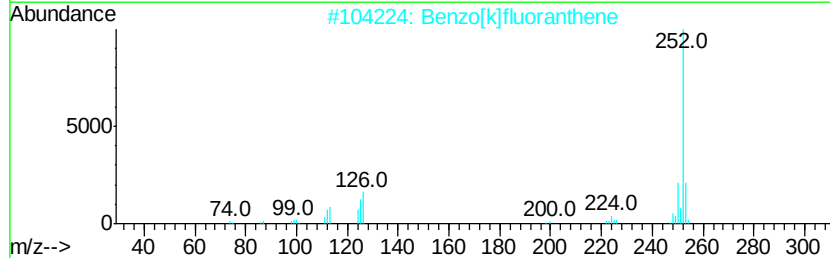
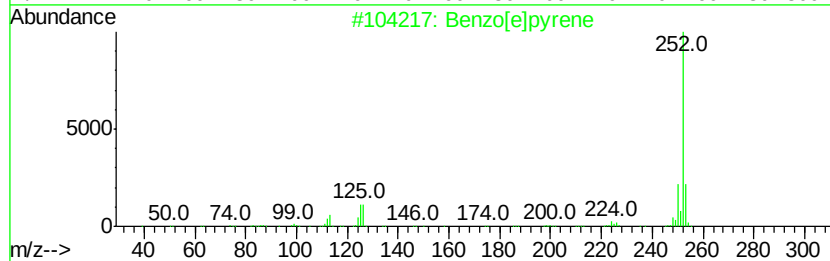
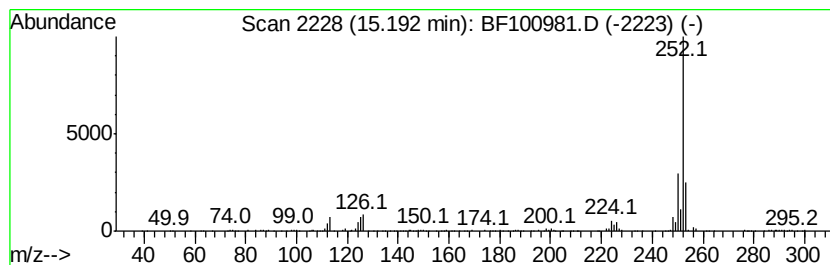
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.19	21.66 ng	383021	Perylene-d12	15.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3460

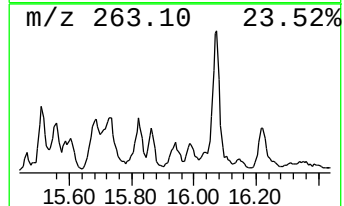
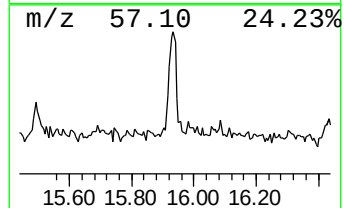
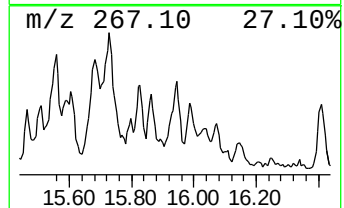
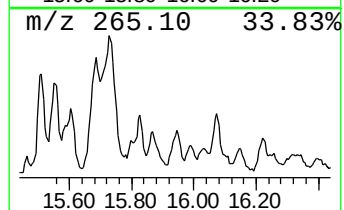
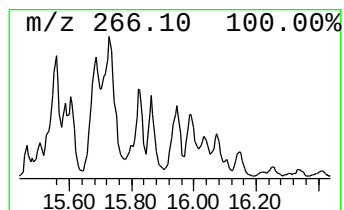
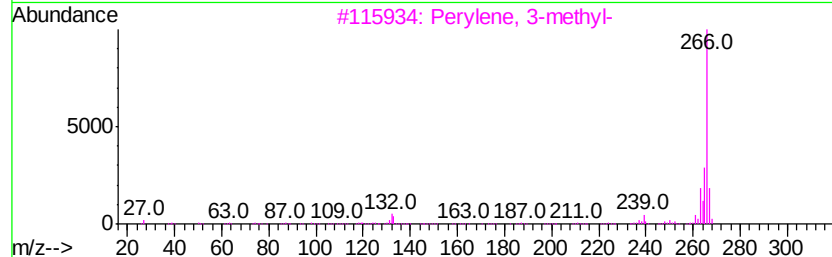
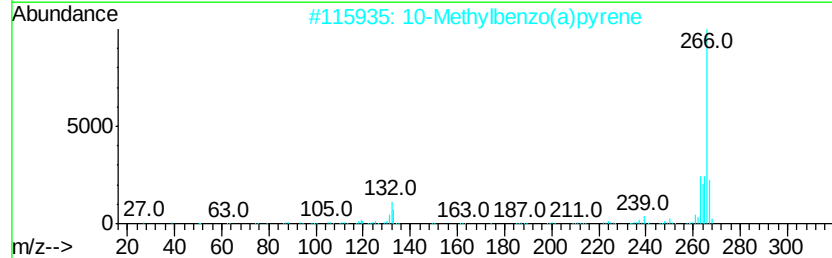
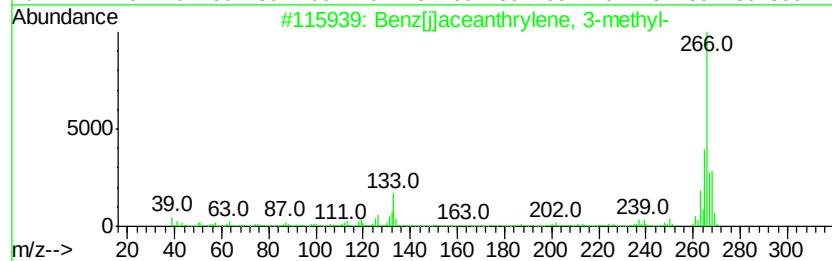
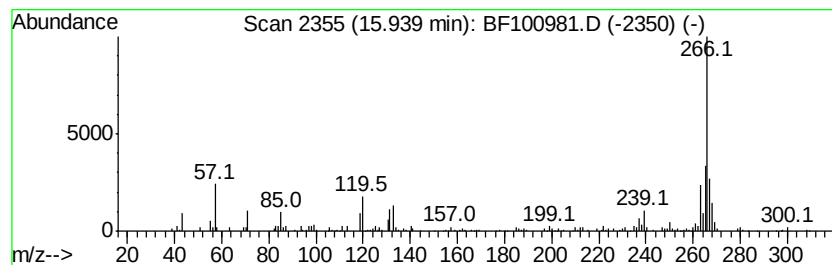
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benz[j]aceanthrylene, 3-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.16 ng	161956	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	76
2		10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	76
3		Perylene, 3-methyl-	266	C21H14	024471-47-4	70
4		3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	53
5		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
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ClientSampleId :
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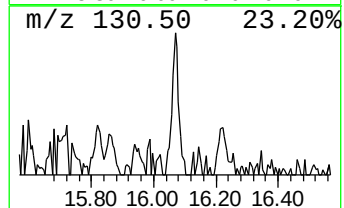
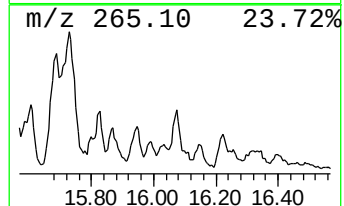
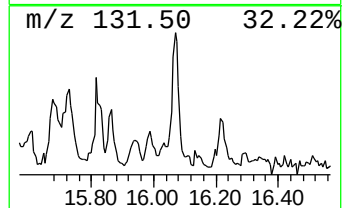
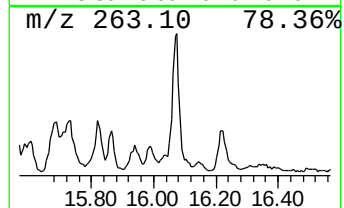
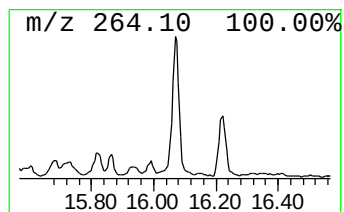
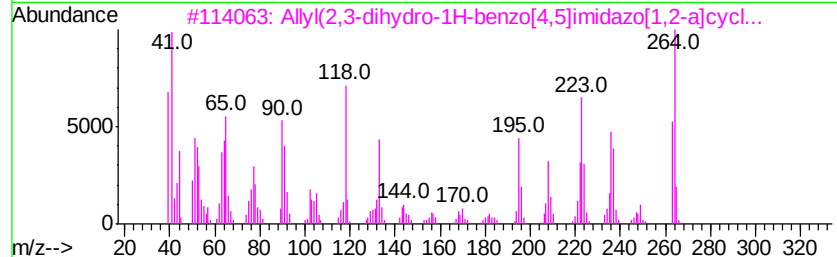
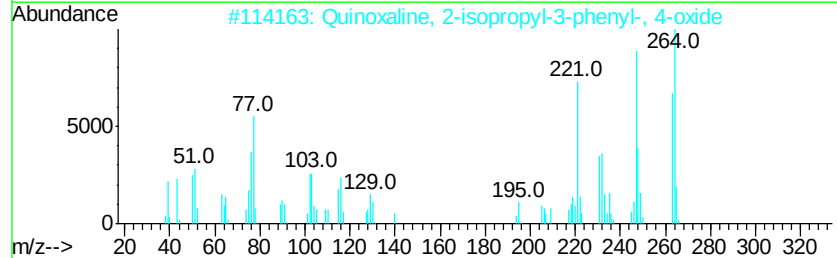
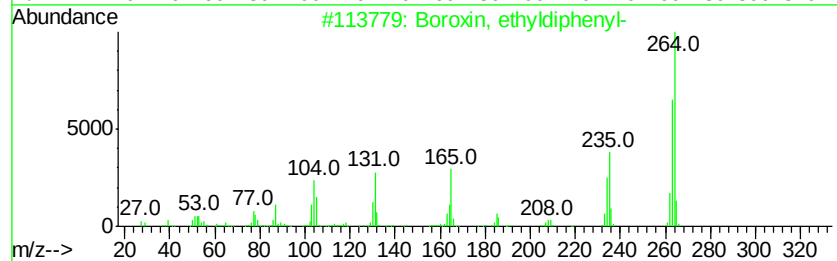
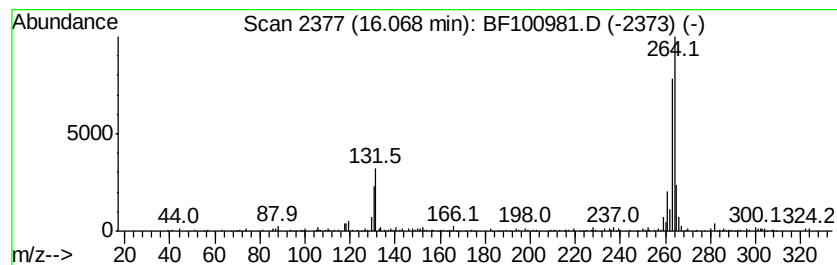
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Boroxin, ethyldiphenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	11.36 ng	200836	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2		Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	50
3		Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
4		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
5		1-(4-Methoxyphenyl)piperazine, 4...	264	C14H24N2OSi	1000373-99-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

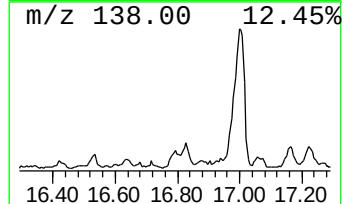
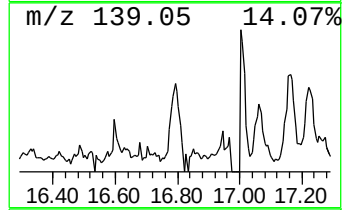
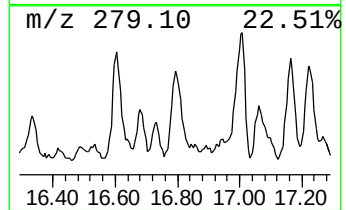
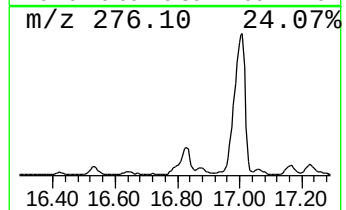
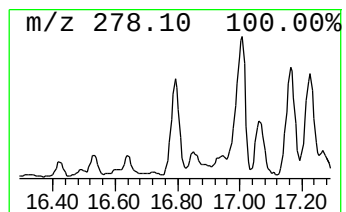
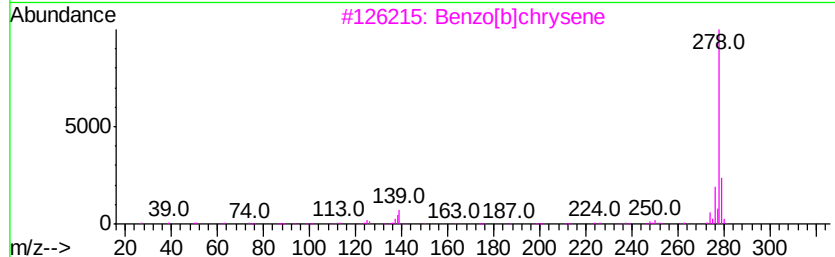
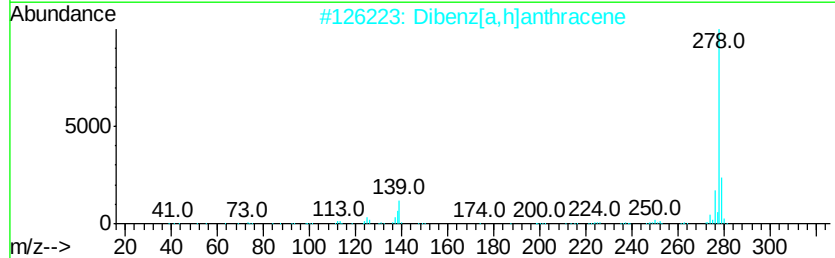
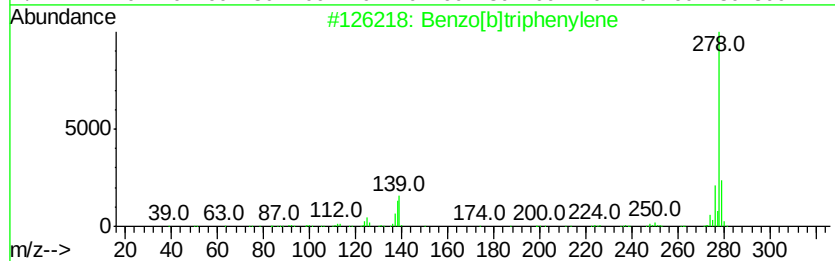
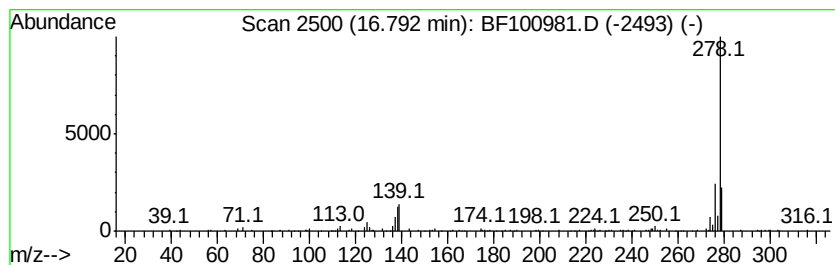
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.79	12.79 ng	226217	Perylene-d12	15.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Benzo[b]chrysene	278	C22H14	000214-17-5	93
4	Pentaphene	278	C22H14	000222-93-5	91
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3460

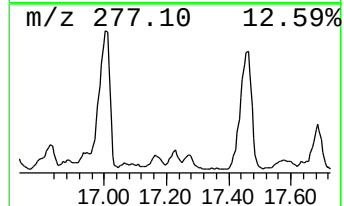
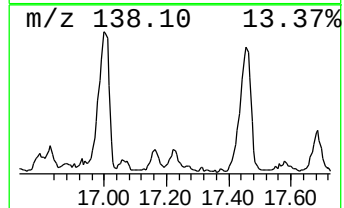
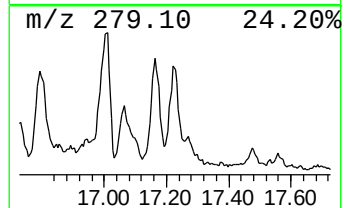
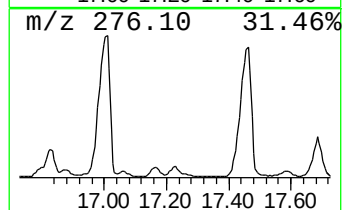
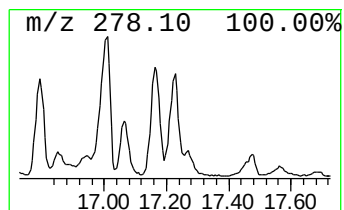
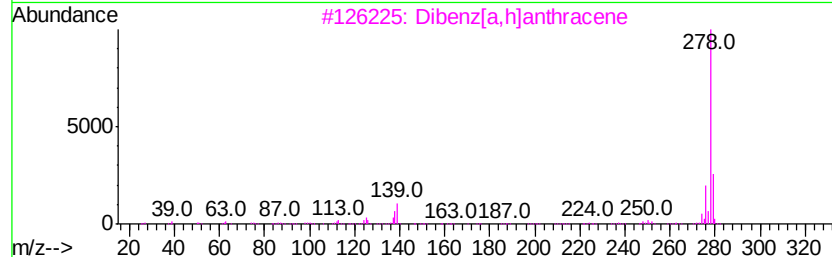
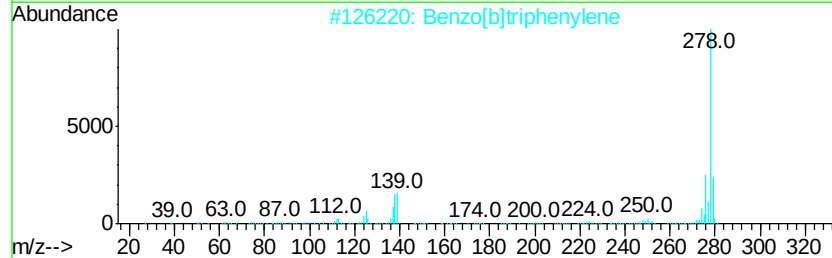
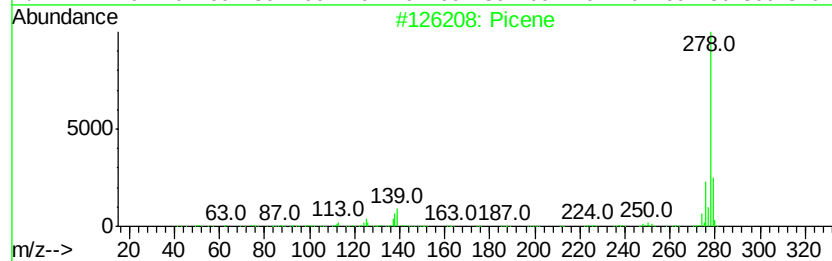
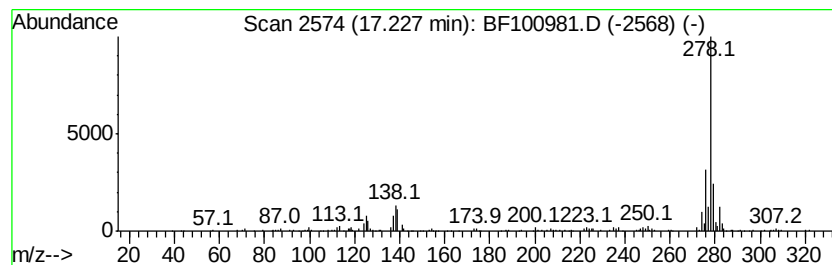
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	12.08 ng	213528	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	96
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	95
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4		Pvrene, 1-phenyl-	278	C22H14	005101-27-9	92
5		Pentacene	278	C22H14	000135-48-8	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100981.D
Acq On : 29 Nov 2017 16:44
Operator : SJ/JU
Sample : I6612-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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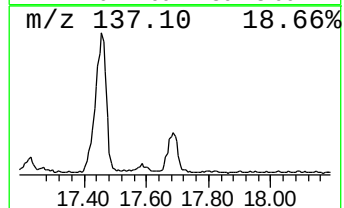
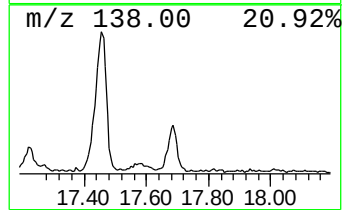
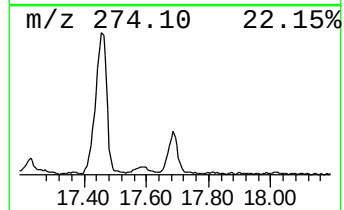
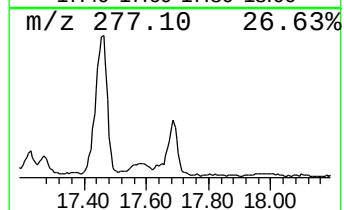
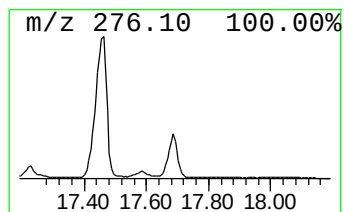
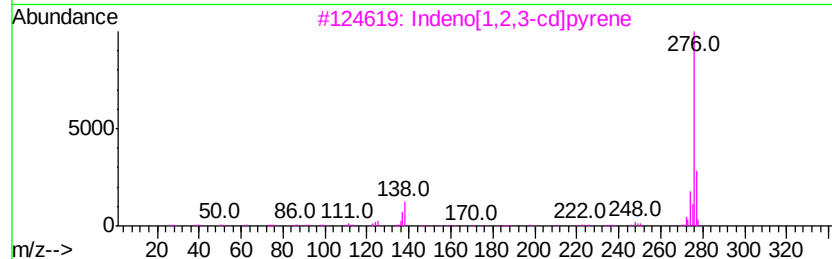
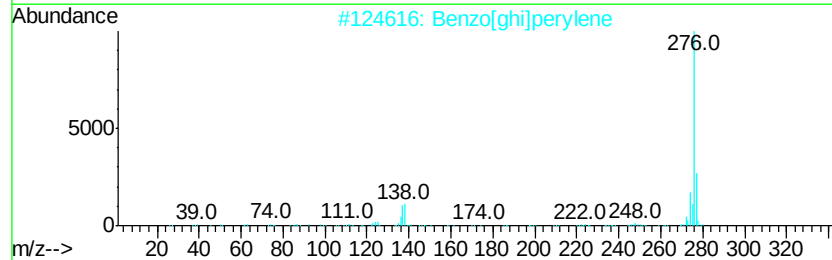
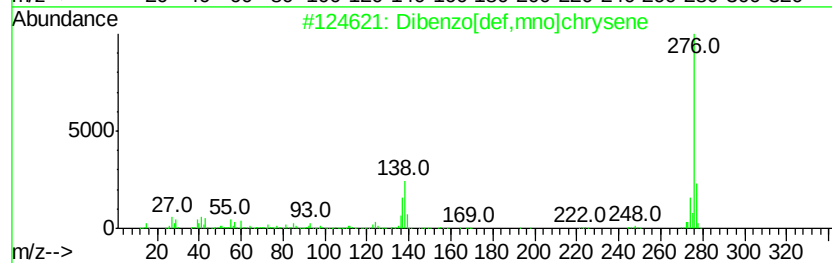
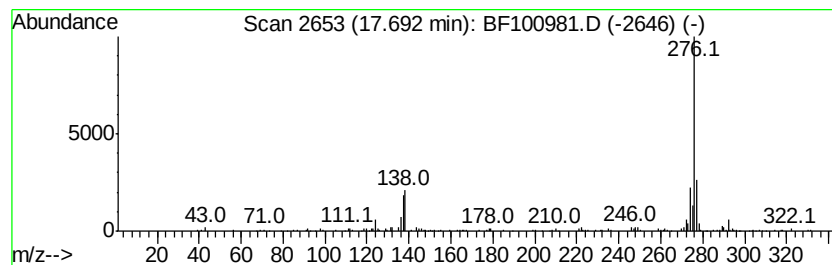
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	22.88 ng	404599	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
 Data File : BF100981.D
 Acq On : 29 Nov 2017 16:44
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 Sample : I6612-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
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Naphthalene, 1-me...	8.95	17.3	ng	451675	2	8.13	522433	20.0
Naphthalene, 1,5-...	9.47	12.2	ng	317034	3	9.89	520536	20.0
Naphthalene, 2,6-...	9.55	17.1	ng	444181	3	9.89	520536	20.0
Naphthalene, 2,3,...	10.20	7.5	ng	195243	3	9.89	520536	20.0
1-Isopropenyl naph...	10.50	8.3	ng	217045	3	9.89	520536	20.0
[1,1'-Biphenyl]-4...	10.59	15.4	ng	399975	3	9.89	520536	20.0
11H-Benzo[b]fluorene	13.16	5.4	ng	995909	5	14.04	3666190	20.0
4,5-Dihydrobenzo[...	14.91	14.8	ng	261112	6	15.51	353654	20.0
Benzo[e]pyrene	15.19	21.7	ng	383021	6	15.51	353654	20.0
Benz[j]aceanthryl...	15.94	9.2	ng	161956	6	15.51	353654	20.0
Boroxin, ethyldip...	16.07	11.4	ng	200836	6	15.51	353654	20.0
Benzo[b]triphenylene	16.79	12.8	ng	226217	6	15.51	353654	20.0
Picene	17.23	12.1	ng	213528	6	15.51	353654	20.0
Dibenzo[def,mno]c...	17.69	22.9	ng	404599	6	15.51	353654	20.0