

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080363.D
 Acq On : 7 Jul 2015 2:19
 Operator : TP/IZ
 Sample : G2874-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

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-BF070615.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	2.213	8	11	22	rVB	347745	601643	27.75%	1.872%
2	2.430	28	30	37	rVB	182218	284558	13.12%	0.885%
3	5.436	290	293	295	rBV	404651	448995	20.71%	1.397%
4	5.836	326	328	330	rBV	917555	830100	38.29%	2.583%
5	6.236	361	363	366	rBV	44760	37678	1.74%	0.117%
6	6.830	413	415	418	rBV	796942	815722	37.62%	2.538%
7	6.990	427	429	432	rBV	954025	884021	40.77%	2.751%
8	7.230	448	450	452	rVB	270423	215695	9.95%	0.671%
9	7.390	462	464	466	rBV	794269	706865	32.60%	2.199%
10	7.790	496	499	501	rBV	388515	494625	22.81%	1.539%
11	8.522	561	563	564	rBV	310807	280073	12.92%	0.871%
12	9.596	655	657	659	rVB	1508082	1169117	53.92%	3.638%
13	9.985	689	691	693	rBV	185783	146383	6.75%	0.455%
14	10.145	703	705	707	rBV	84799	83445	3.85%	0.260%
15	10.293	715	718	720	rBV	243039	304405	14.04%	0.947%
16	11.082	785	787	789	rBV	689473	674376	31.10%	2.098%
17	11.196	794	797	801	rBV2	17178	45747	2.11%	0.142%
18	11.585	830	831	833	rBV	52432	48620	2.24%	0.151%
19	11.791	846	849	850	rBV	362115	412005	19.00%	1.282%
20	11.814	850	851	853	rVV	576955	414795	19.13%	1.291%
21	11.859	853	855	857	rVV	191587	246747	11.38%	0.768%
22	12.019	866	869	870	rBV2	126713	185665	8.56%	0.578%
23	12.088	870	875	877	rVV2	20523	41378	1.91%	0.129%
24	12.305	891	894	895	rBV	70266	103845	4.79%	0.323%
25	12.328	895	896	898	rVB	154507	126377	5.83%	0.393%
26	12.374	898	900	902	rBV	45969	54199	2.50%	0.169%
27	12.419	902	904	905	rBV	79660	115227	5.31%	0.359%
28	12.442	905	906	908	rVB	92339	65206	3.01%	0.203%
29	12.602	918	920	921	rBV	116675	100452	4.63%	0.313%
30	12.636	921	923	925	rVB	75101	98088	4.52%	0.305%
31	12.762	931	934	936	rBV2	30505	37497	1.73%	0.117%
32	12.876	941	944	946	rBV2	89997	121059	5.58%	0.377%
33	12.922	946	948	950	rVV3	29954	78327	3.61%	0.244%
34	12.968	950	952	955	rVB	246995	265693	12.25%	0.827%

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35	13.059	957	960	962	rVV	2318588	2157585	99.51%	6.713%
36	13.117	962	965	967	rVV	51616	81526	3.76%	0.254%
37	13.162	967	969	970	rVV	189796	219094	10.11%	0.682%
38	13.185	970	971	973	rVV	35484	66182	3.05%	0.206%
39	13.219	973	974	978	rVV2	80930	119710	5.52%	0.372%
40	13.311	978	982	984	rVV	1992464	2168171	100.00%	6.746%
41	13.357	984	986	989	rVB2	90731	111952	5.16%	0.348%
42	13.459	989	995	996	rBV2	977907	1504409	69.39%	4.681%
43	13.482	996	997	999	rVB	97444	80789	3.73%	0.251%
44	13.551	999	1003	1007	rBV3	101453	256833	11.85%	0.799%
45	13.642	1007	1011	1015	rVB2	99933	223798	10.32%	0.696%
46	13.791	1021	1024	1028	rVB2	150246	214051	9.87%	0.666%
47	13.859	1028	1030	1032	rBV	23121	41826	1.93%	0.130%
48	13.894	1032	1033	1035	rVV	63712	69881	3.22%	0.217%
49	13.928	1035	1036	1040	rVV3	57289	92623	4.27%	0.288%
50	14.111	1050	1052	1053	rBV2	27109	44620	2.06%	0.139%
51	14.259	1063	1065	1068	rVB	223351	232000	10.70%	0.722%
52	14.397	1073	1077	1079	rBV2	135319	260976	12.04%	0.812%
53	14.431	1079	1080	1081	rVV	141445	111734	5.15%	0.348%
54	14.465	1081	1083	1085	rVV2	145676	246987	11.39%	0.769%
55	14.511	1085	1087	1091	rVB	199980	258452	11.92%	0.804%
56	14.602	1091	1095	1099	rBV3	41674	114847	5.30%	0.357%
57	14.660	1099	1100	1101	rBV	57318	70047	3.23%	0.218%
58	14.694	1101	1103	1105	rVV2	1325049	1864538	86.00%	5.802%
59	14.740	1105	1107	1110	rVB	738201	948027	43.72%	2.950%
60	14.877	1117	1119	1123	rBV	90446	146257	6.75%	0.455%
61	14.934	1123	1124	1126	rVB	80683	75133	3.47%	0.234%
62	14.980	1126	1128	1130	rBV2	122927	167639	7.73%	0.522%
63	15.025	1130	1132	1136	rVB3	43811	75080	3.46%	0.234%
64	15.117	1136	1140	1141	rBV3	36324	57753	2.66%	0.180%
65	15.151	1141	1143	1144	rVV	30967	49588	2.29%	0.154%
66	15.197	1144	1147	1149	rVV	121742	184614	8.51%	0.574%
67	15.242	1149	1151	1153	rVV2	64874	94626	4.36%	0.294%
68	15.300	1153	1156	1159	rVV4	44223	100404	4.63%	0.312%
69	15.357	1159	1161	1162	rVV2	56589	73042	3.37%	0.227%
70	15.391	1162	1164	1166	rVV3	39119	61681	2.84%	0.192%
71	15.448	1166	1169	1173	rVB3	50912	86170	3.97%	0.268%

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72	15.597	1179	1182	1183	rBV2	44237	77602	3.58%	0.241%
73	15.620	1183	1184	1188	rVB3	38271	57880	2.67%	0.180%
74	15.711	1188	1192	1197	rBV3	53614	140437	6.48%	0.437%
75	15.803	1197	1200	1207	rBV2	86652	225967	10.42%	0.703%
76	15.905	1207	1209	1211	rBV	66985	94862	4.38%	0.295%
77	15.940	1211	1212	1215	rVB	36441	53328	2.46%	0.166%
78	16.020	1215	1219	1224	rBV	837568	2065312	95.26%	6.426%
79	16.145	1228	1230	1234	rVV	191090	257836	11.89%	0.802%
80	16.283	1237	1242	1244	rBV3	42615	134961	6.22%	0.420%
81	16.328	1244	1246	1247	rVV	32172	49912	2.30%	0.155%
82	16.385	1247	1251	1254	rVV	472324	805879	37.17%	2.508%
83	16.454	1254	1257	1261	rVB	746796	1061429	48.96%	3.303%
84	16.534	1261	1264	1265	rBV	245092	399913	18.44%	1.244%
85	16.568	1265	1267	1271	rVB	259832	394047	18.17%	1.226%
86	17.060	1306	1310	1312	rBV2	18392	36983	1.71%	0.115%
87	17.117	1312	1315	1318	rVV2	22209	51301	2.37%	0.160%
88	17.208	1321	1323	1329	rVB4	14755	36886	1.70%	0.115%
89	17.380	1334	1338	1348	rVB6	20339	80874	3.73%	0.252%
90	17.643	1357	1361	1365	rVB2	26035	63968	2.95%	0.199%
91	17.768	1369	1372	1375	rVV2	23874	52457	2.42%	0.163%
92	17.883	1379	1382	1394	rVB6	71686	265387	12.24%	0.826%
93	18.111	1394	1402	1410	rBV3	83517	311735	14.38%	0.970%
94	18.306	1415	1419	1425	rVB2	394775	873826	40.30%	2.719%
95	18.397	1425	1427	1432	rVB	19081	43342	2.00%	0.135%
96	18.511	1433	1437	1440	rBV	53802	127507	5.88%	0.397%
97	18.591	1440	1444	1447	rBV	55422	140576	6.48%	0.437%
98	18.843	1461	1466	1472	rBV	307031	772566	35.63%	2.404%
99	19.003	1476	1480	1486	rBV6	16361	57728	2.66%	0.180%
100	19.117	1486	1490	1494	rBV	56391	132510	6.11%	0.412%

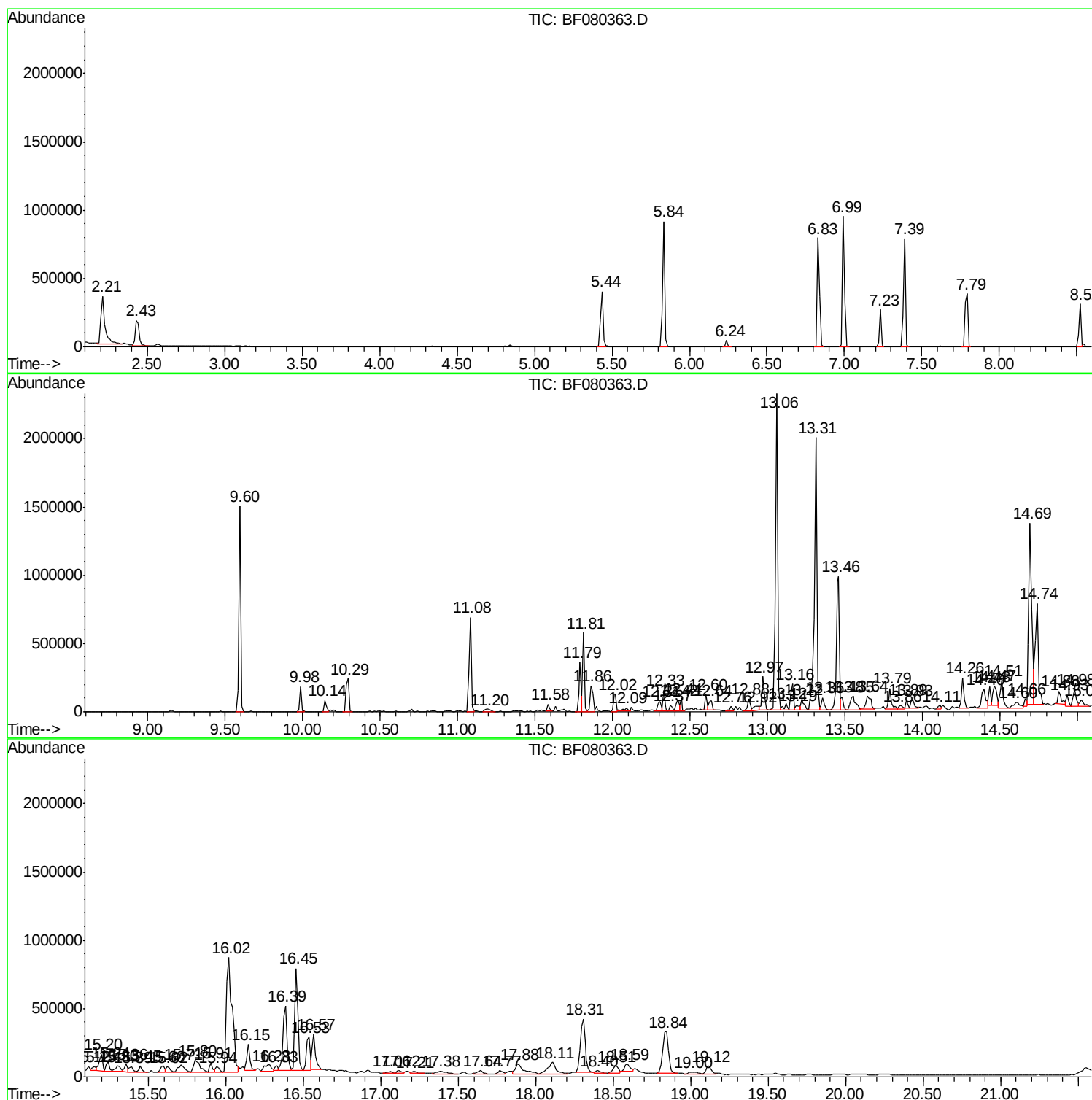
Sum of corrected areas: 32138284

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



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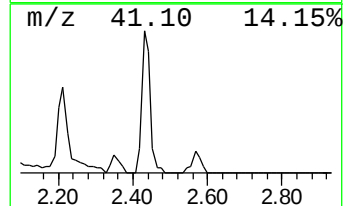
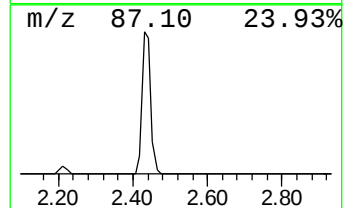
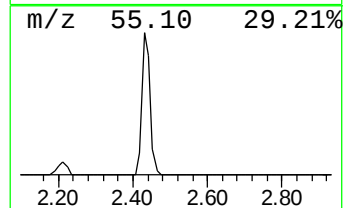
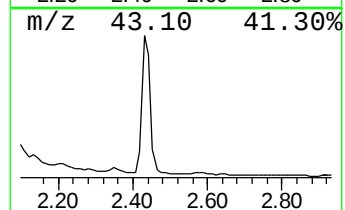
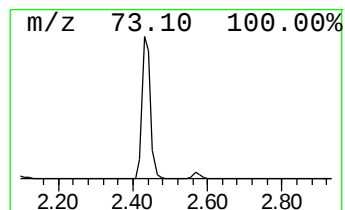
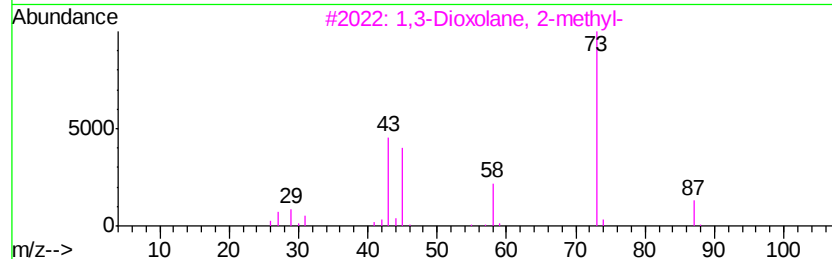
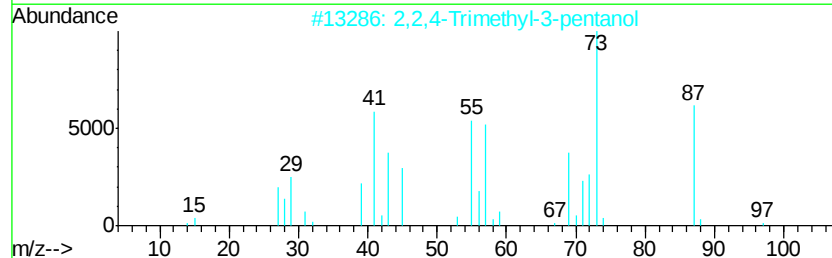
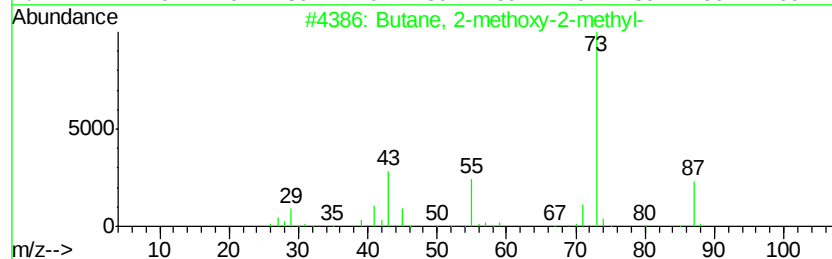
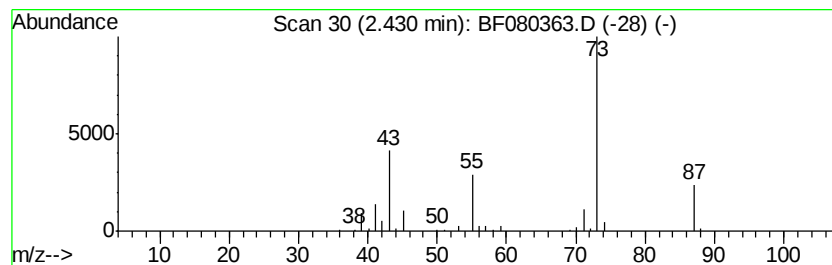
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	26.39 ng	284558	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25



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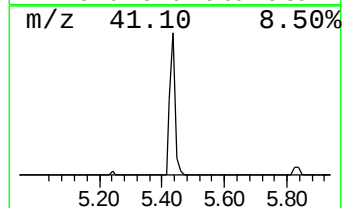
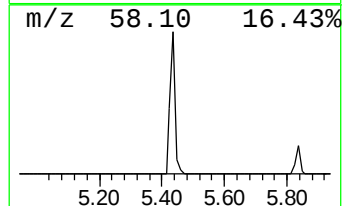
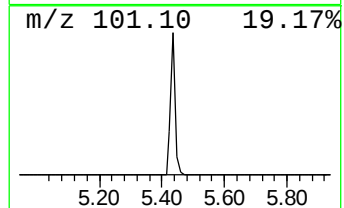
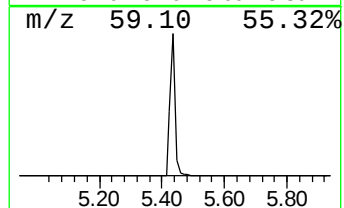
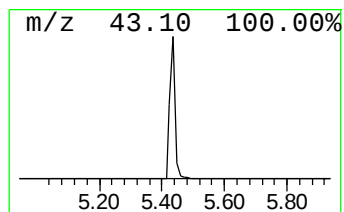
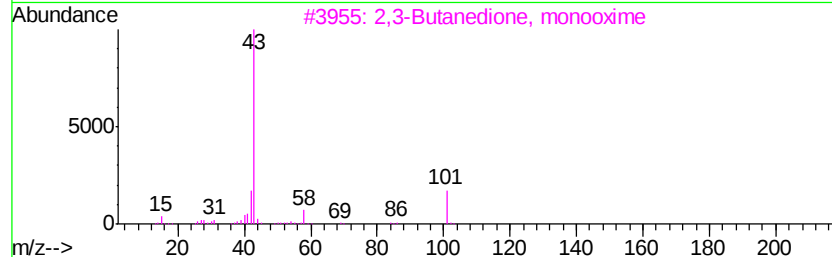
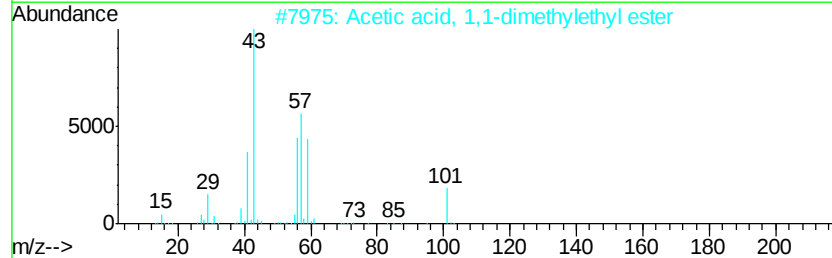
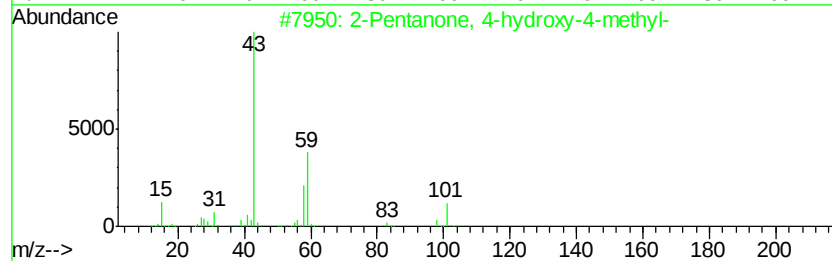
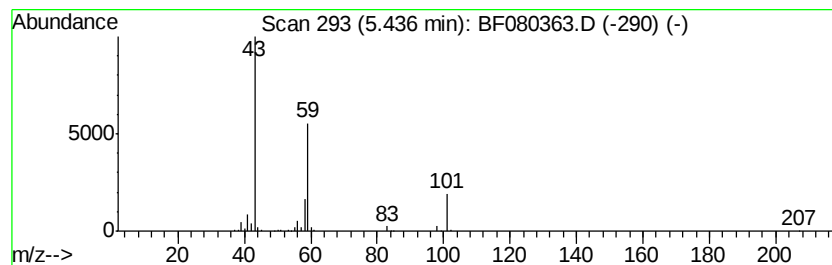
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	41.63 ng	448995	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



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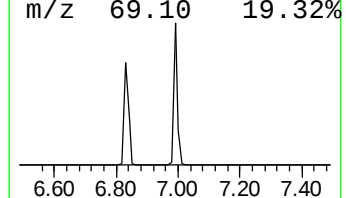
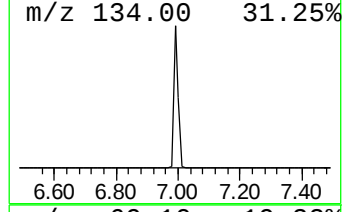
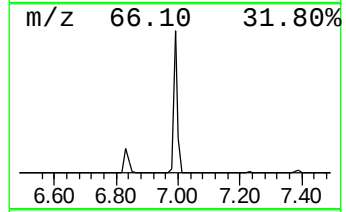
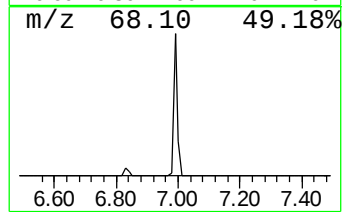
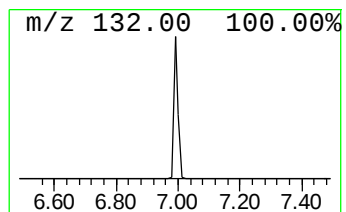
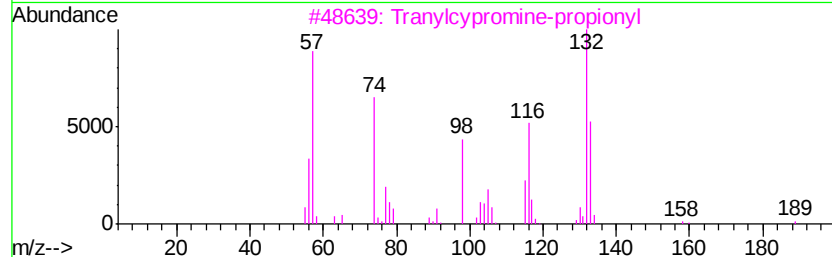
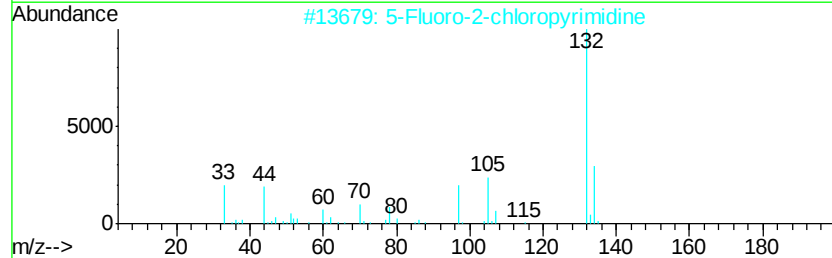
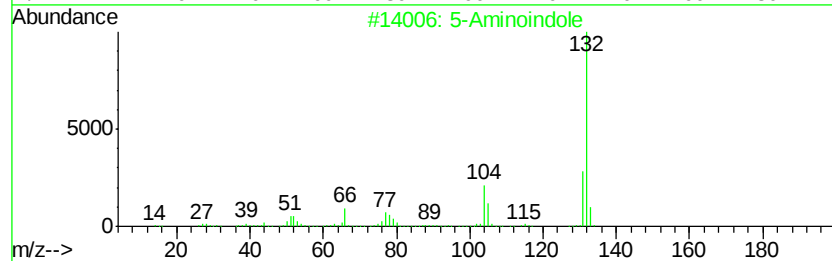
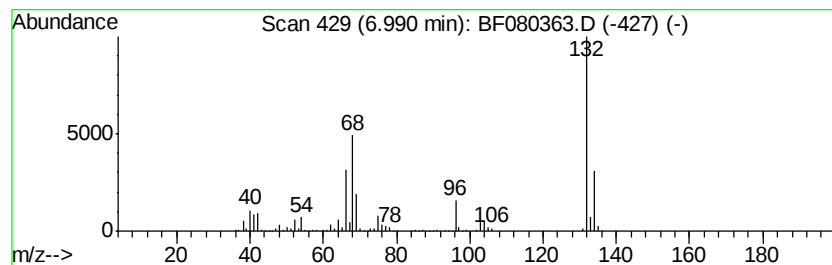
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	81.97 ng	884021	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
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ClientSampleId :
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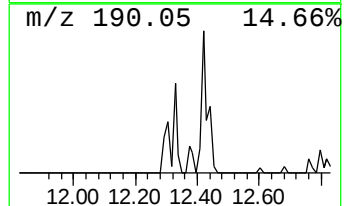
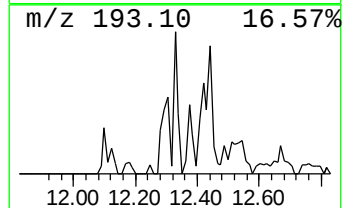
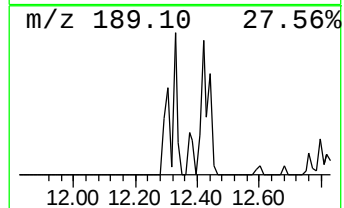
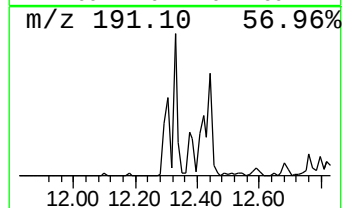
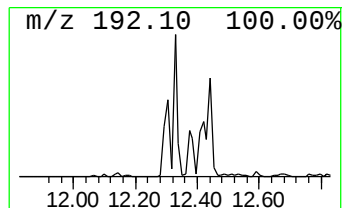
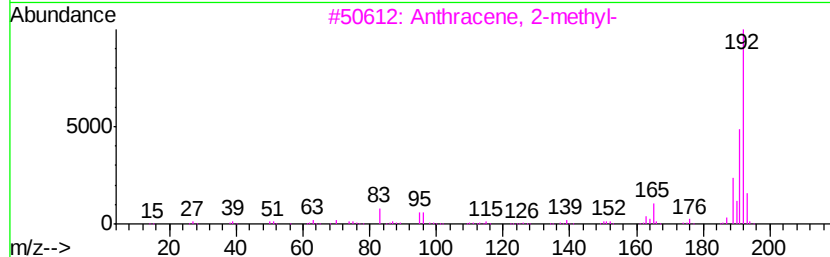
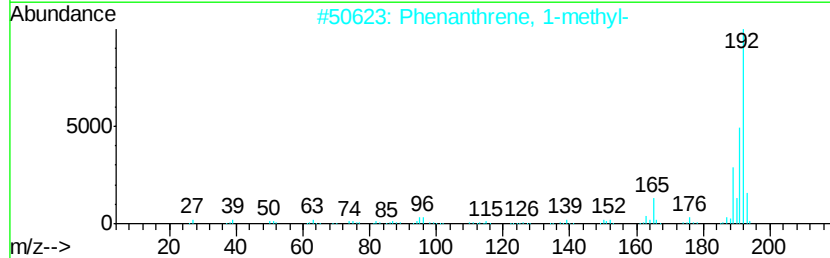
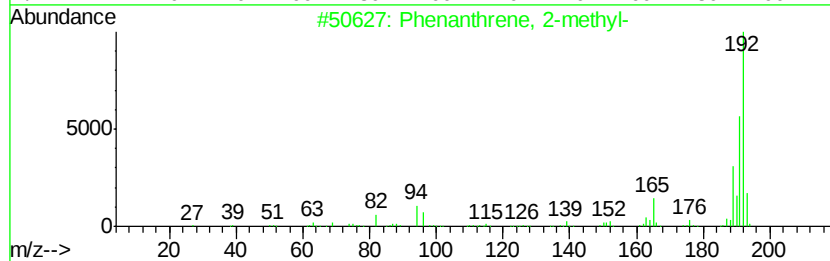
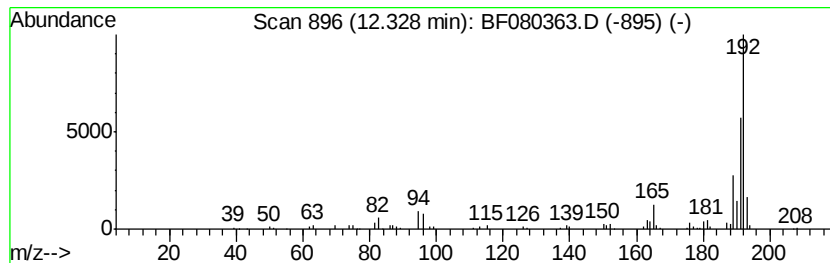
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.13 ng	126377	Phenanthrene-d10	11.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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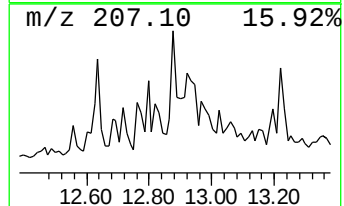
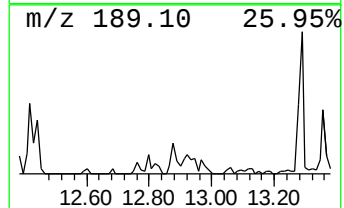
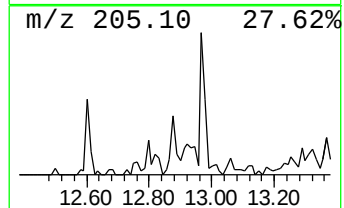
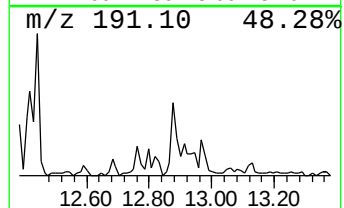
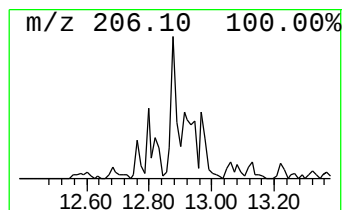
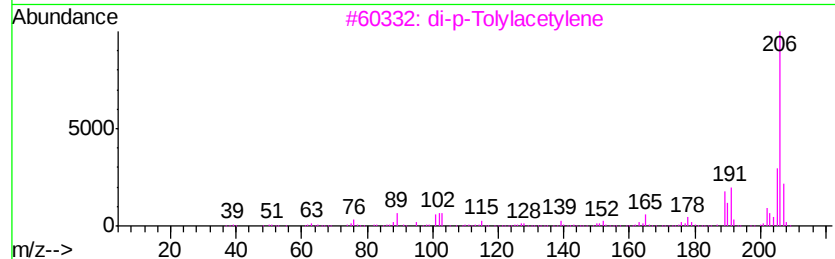
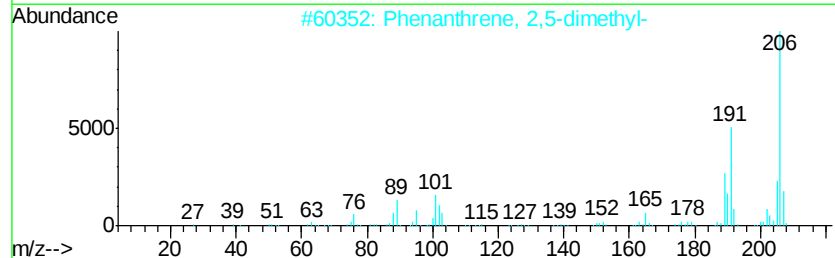
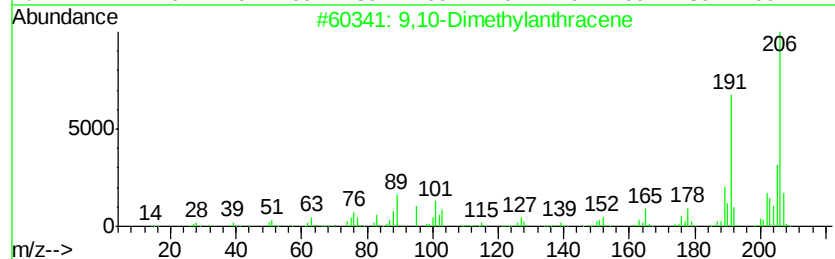
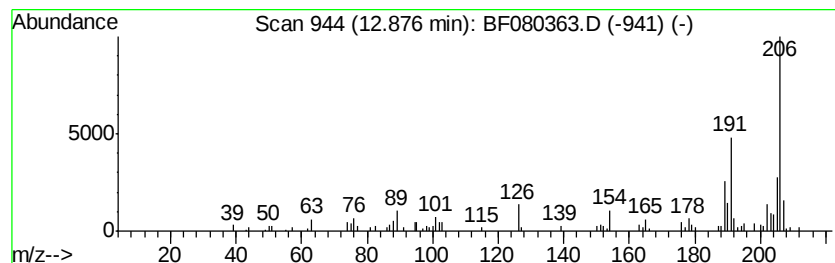
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	5.88 ng	121059	Phenanthrene-d10	11.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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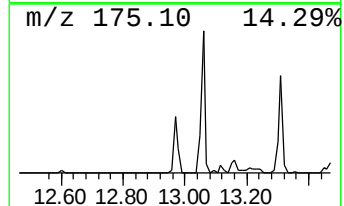
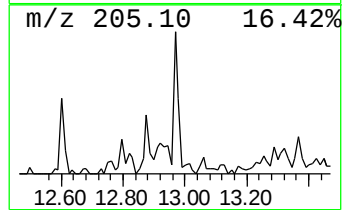
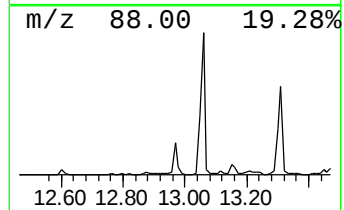
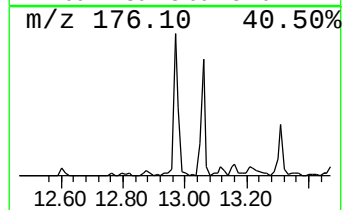
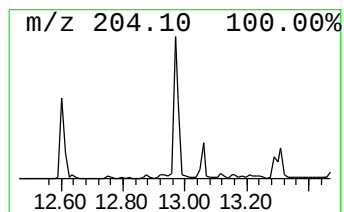
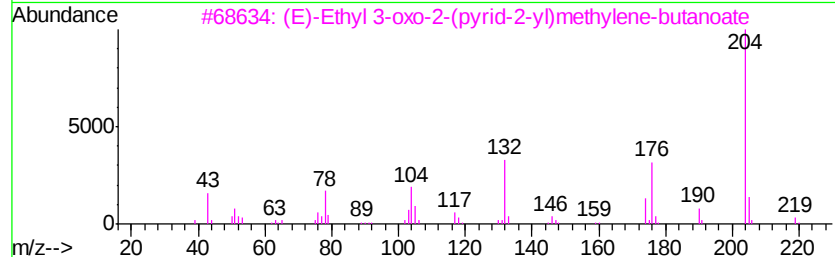
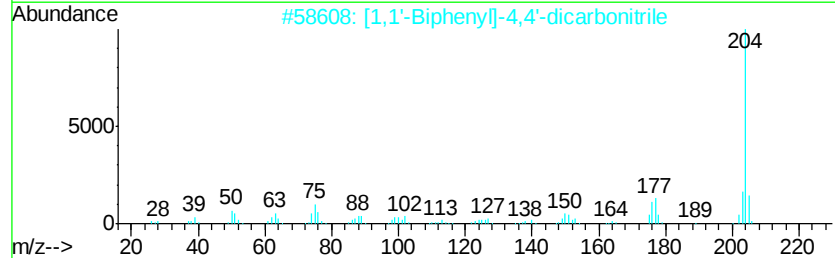
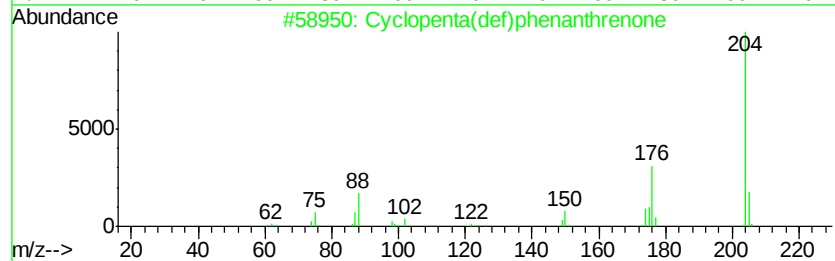
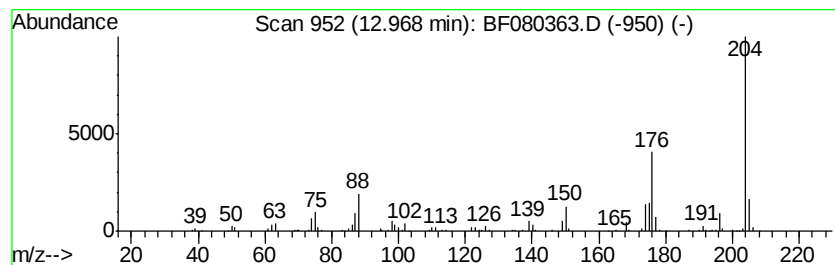
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	12.90 ng	265693	Phenanthrene-d10	11.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	42
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40
5		4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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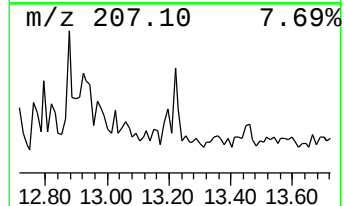
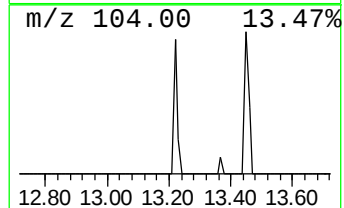
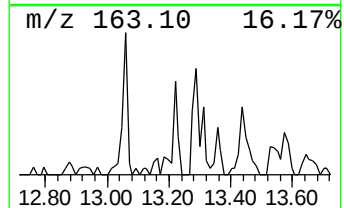
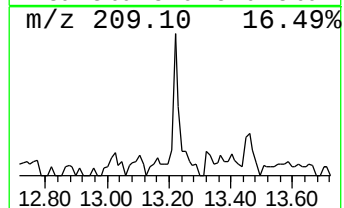
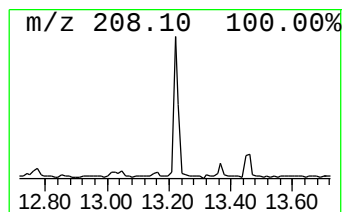
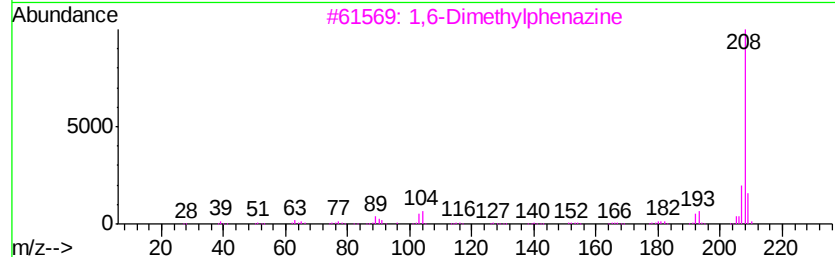
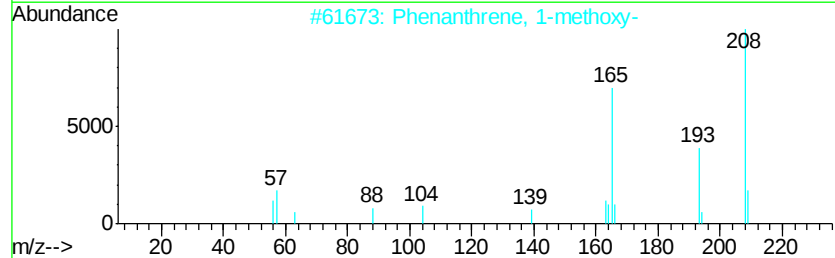
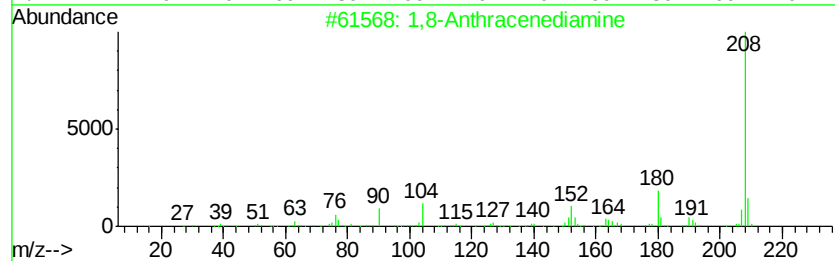
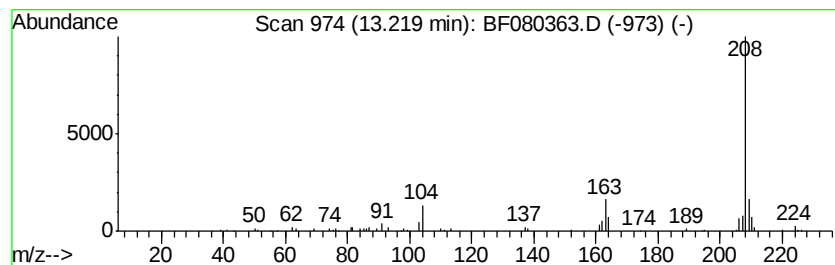
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,8-Anthracenediamine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.81 ng	119710	Phenanthrene-d10	11.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
2			Phenanthrene, 1-methoxy-	208	C15H12O	000834-99-1	64
3			1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	59
4			Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	58
5			Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
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Sample : G2874-01
Misc :
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Instrument :
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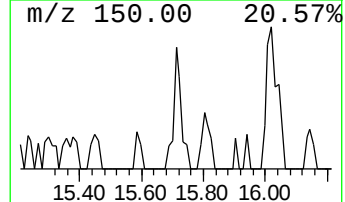
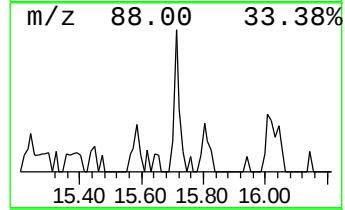
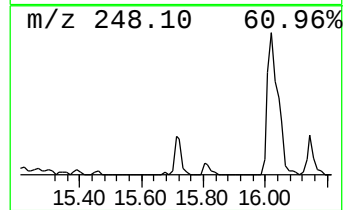
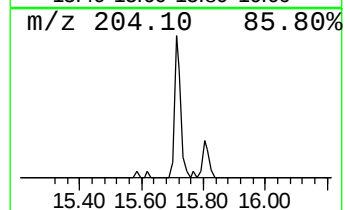
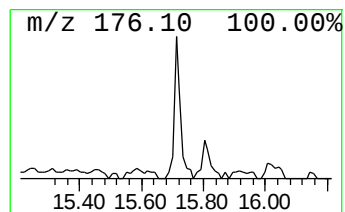
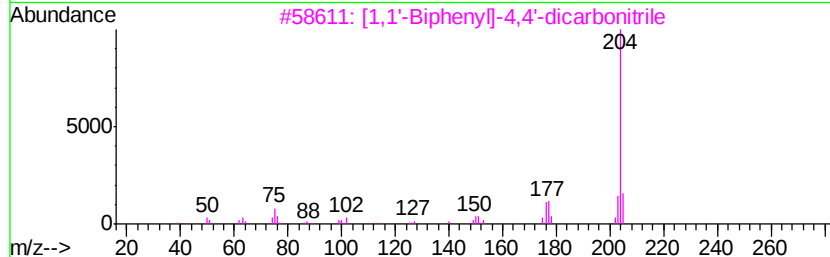
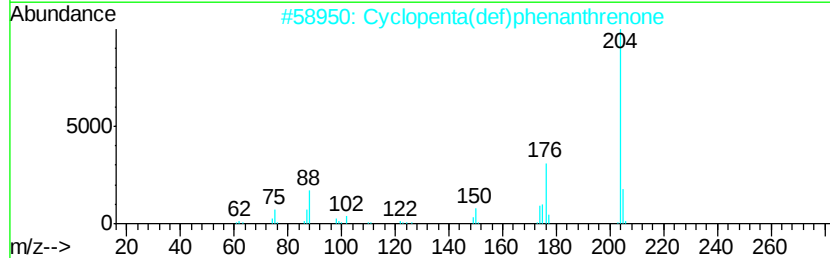
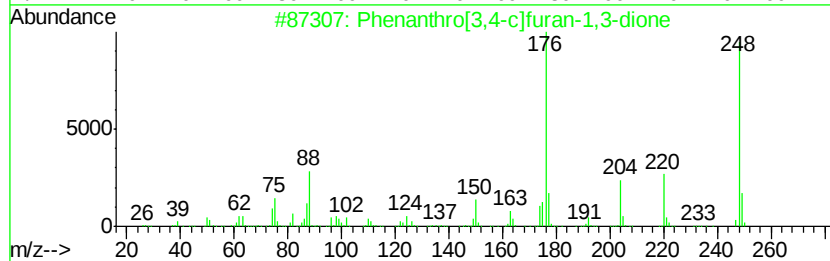
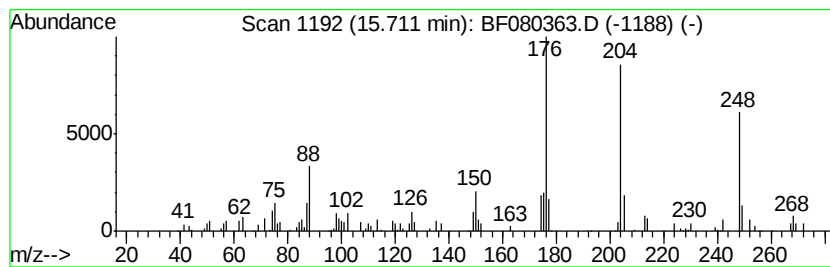
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthro[3,4-c]furan-1,3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	7.02 ng	140437	Perylene-d12	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	58
2			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4			6-Methoxy-8-nitro-2-quinoline ca...	248	C11H8N2O5	133378-40-2	25
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
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Misc :
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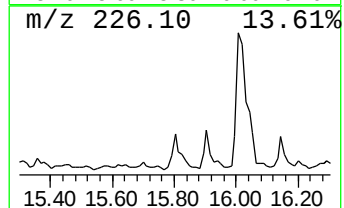
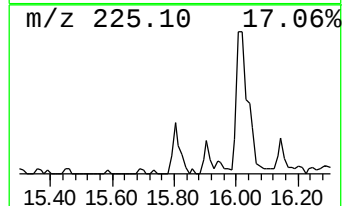
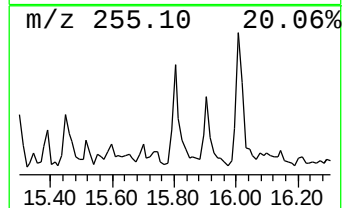
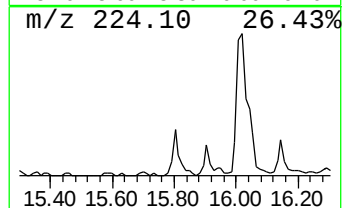
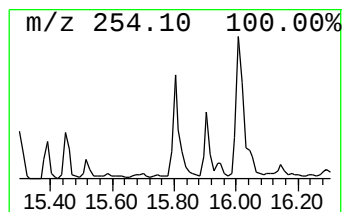
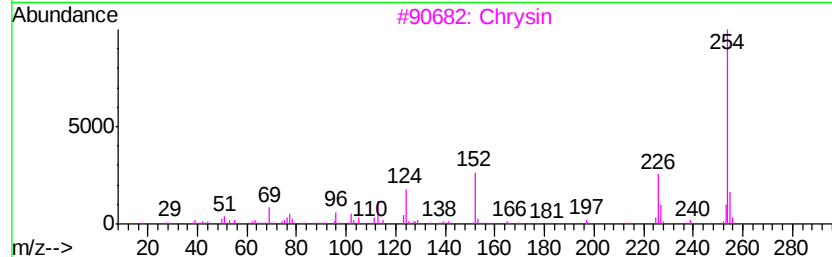
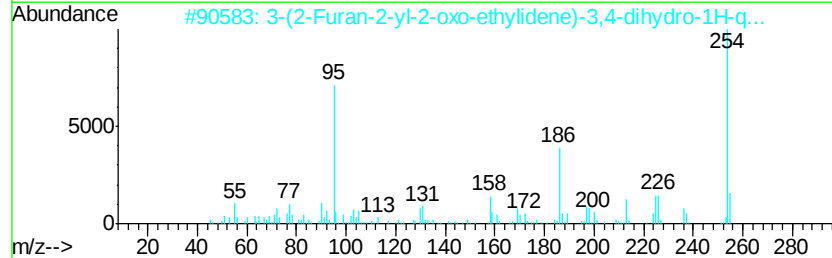
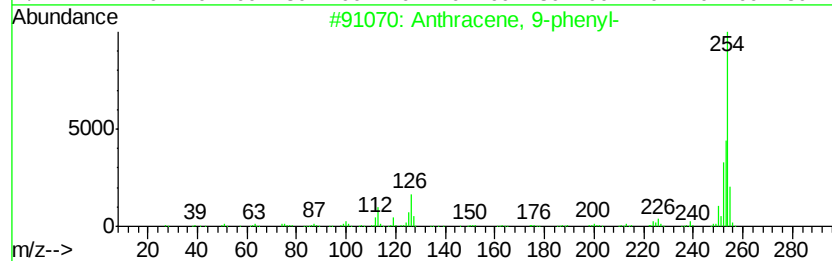
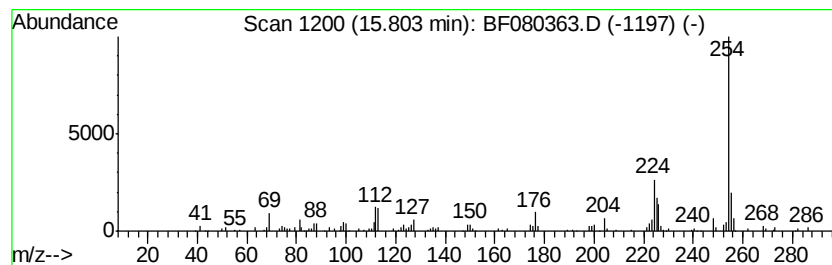
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 9-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	11.30 ng	225967	Perylene-d12	16.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 58
2		3-(2-Furan-2-yl-2-oxo-ethylidene...	254 C14H10N2O3	1000297-32-1 50
3		Chrysin	254 C15H10O4	000480-40-0 47
4		1-Propene, 1,2-bis(4-methoxyphen...	254 C17H18O2	020802-02-2 47
5		3-Phenylthio-2H-chromen-2-one	254 C15H10O2S	072167-95-4 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
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ALS Vial : 20 Sample Multiplier: 1

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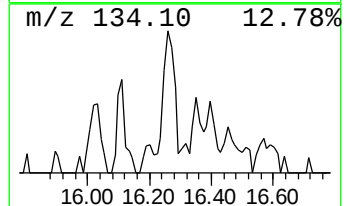
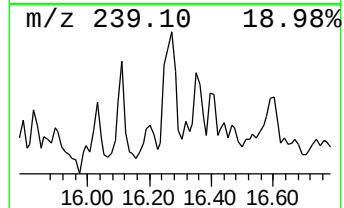
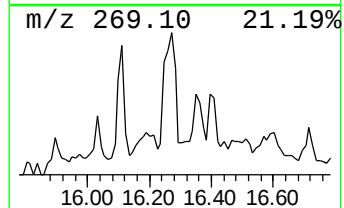
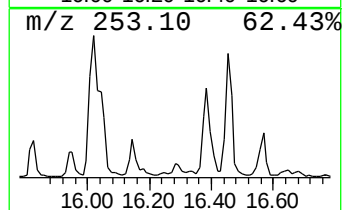
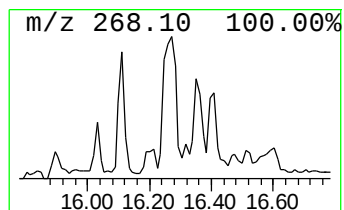
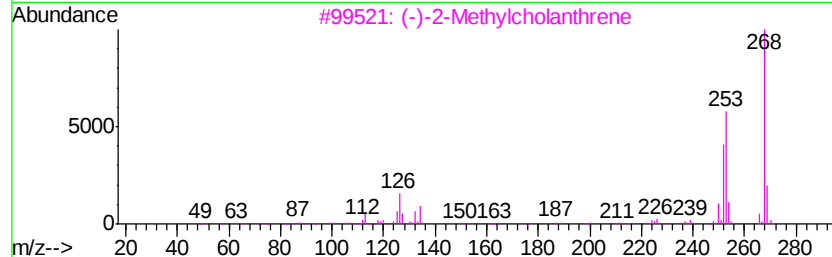
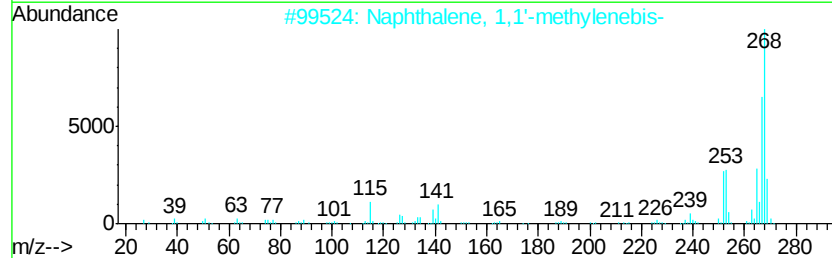
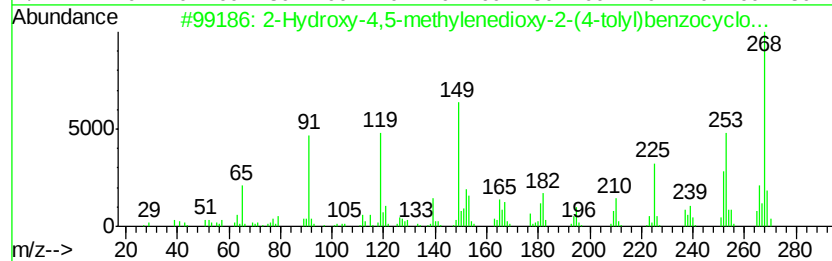
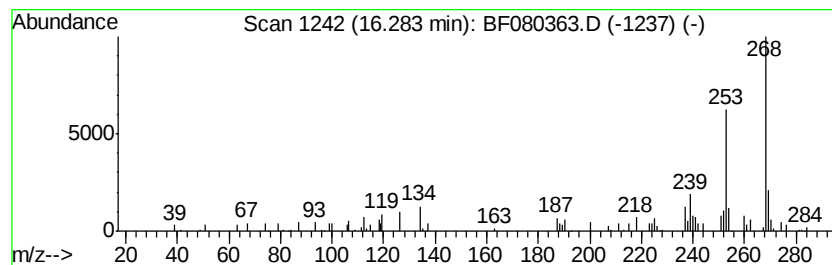
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Hydroxy-4,5-methylenedioxy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	6.75 ng	134961	Perylene-d12	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-4,5-methylenedioxy-2-(...	268	C16H12O4	1000284-51-7	83
2		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	80
3		(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	72
4		(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	72
5		9,10-Anthracenedione, 1,8-dimeth...	268	C16H12O4	006407-55-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

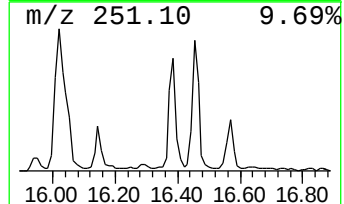
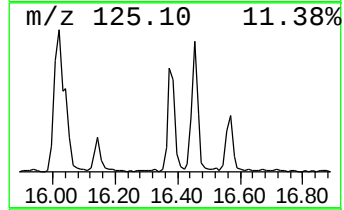
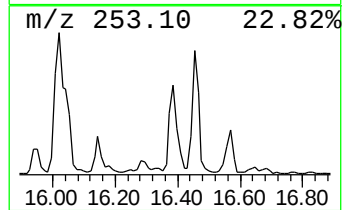
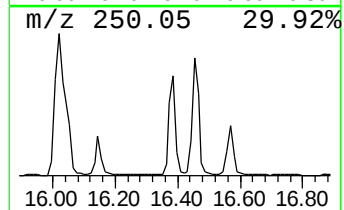
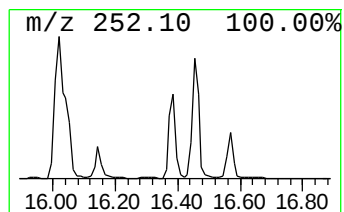
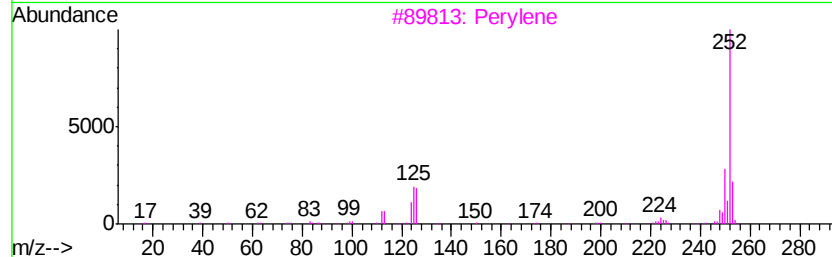
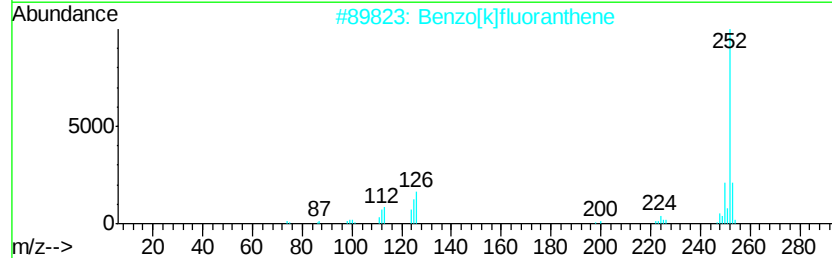
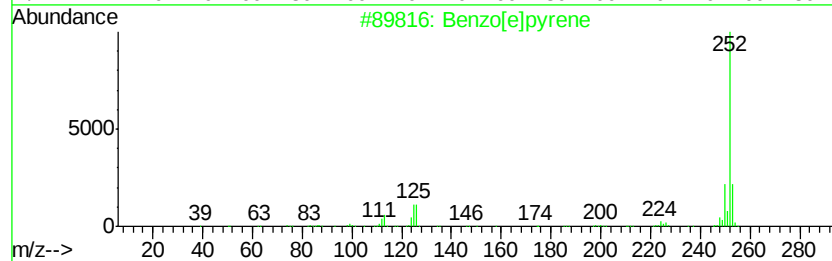
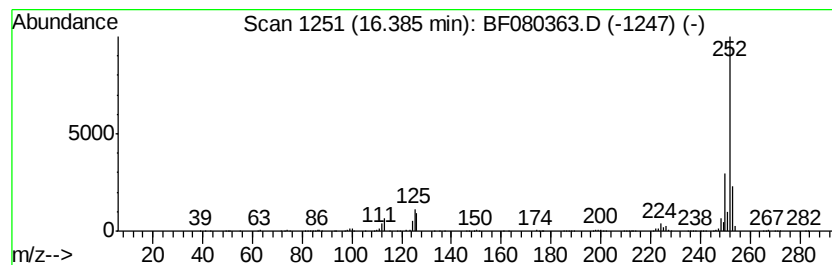
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.39	40.30 ng	805879	Perylene-d12		16.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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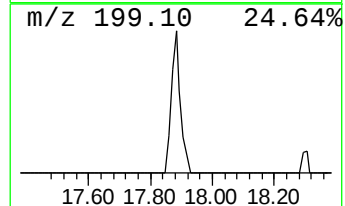
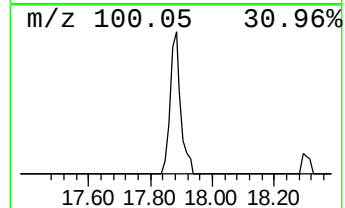
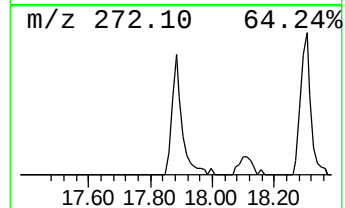
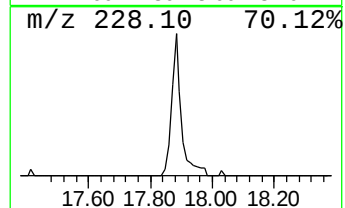
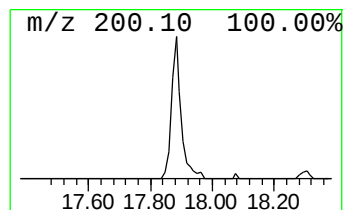
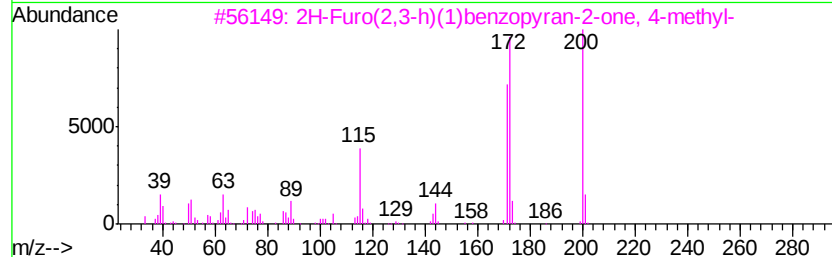
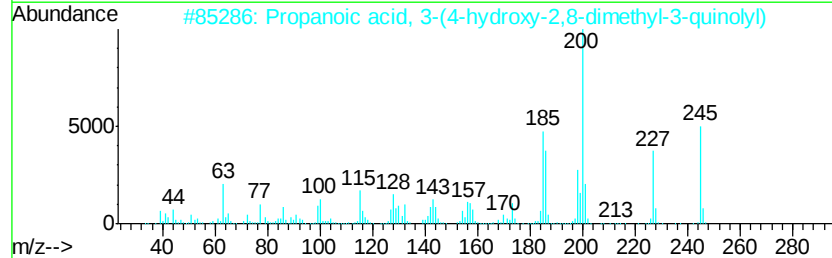
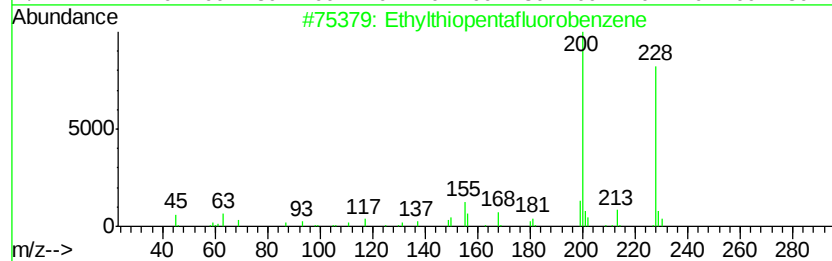
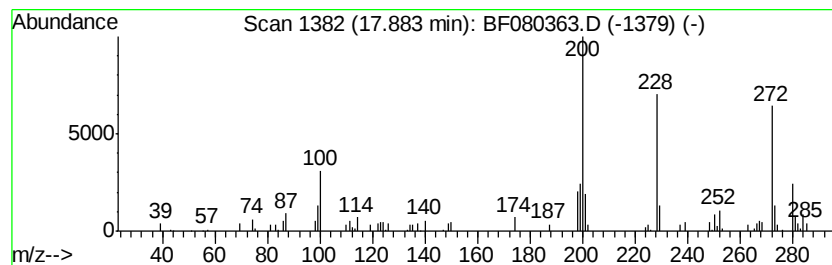
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.88 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	13.27 ng	265387	Perylene-d12	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylthiopentafluorobenzene	228	C8H5F5S	033288-21-0	38
2		Propanoic acid, 3-(4-hydroxy-2,8...	245	C14H15NO3	022609-23-0	17
3		2H-Furo(2,3-h)(1)benzopyran-2-on...	200	C12H8O3	006457-92-7	14
4		9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	11
5		Benzenamine, 4-bromo-N,N-dimethyl-	199	C8H10BrN	000586-77-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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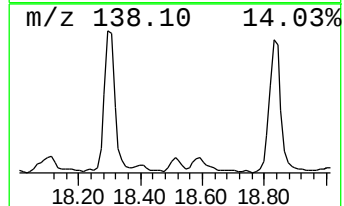
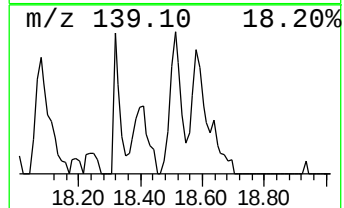
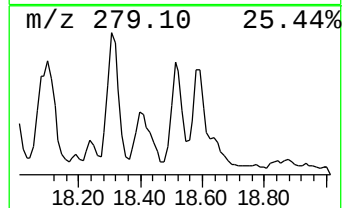
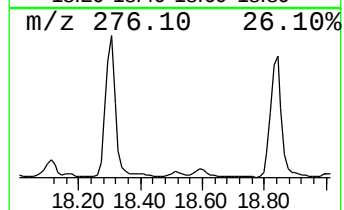
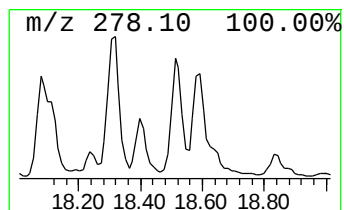
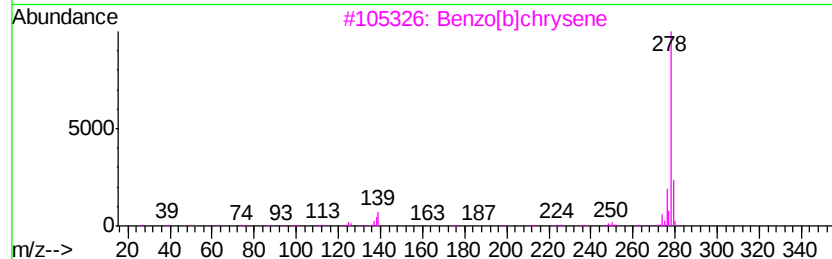
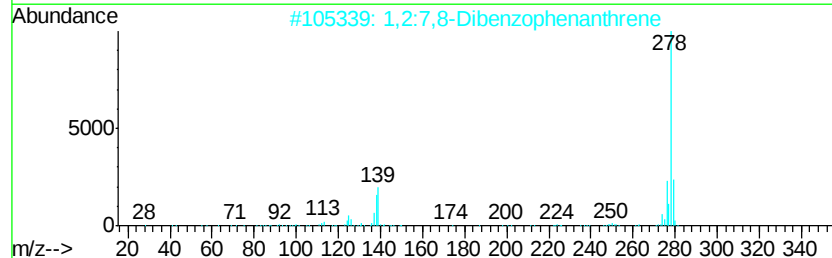
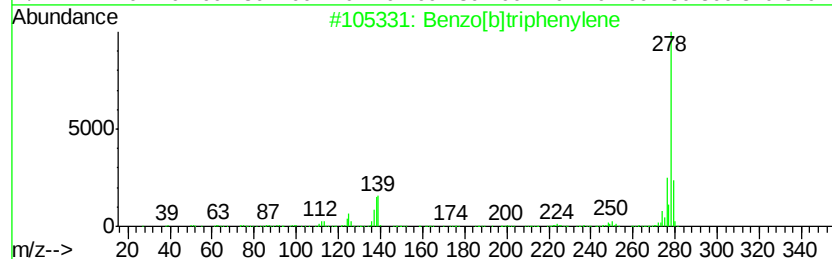
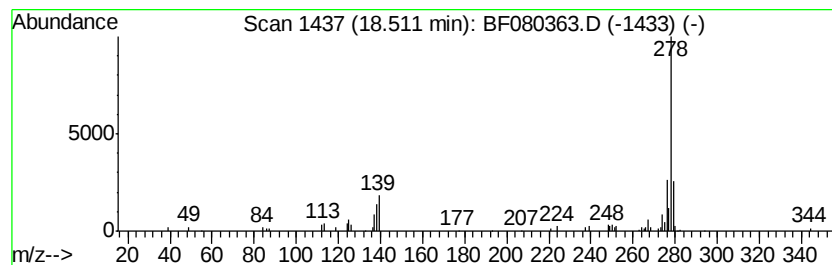
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	6.38 ng	127507	Perylene-d12	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
3			Benzo[b]chrysene	278	C22H14	000214-17-5	95
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
5			Pentaphene	278	C22H14	000222-93-5	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

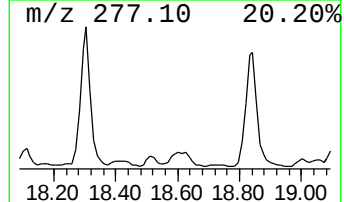
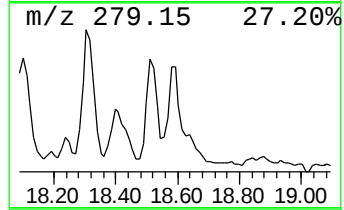
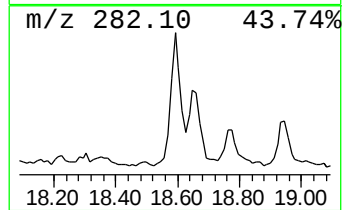
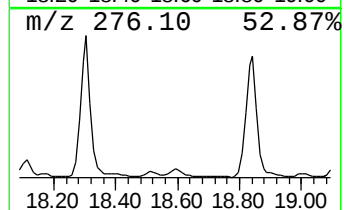
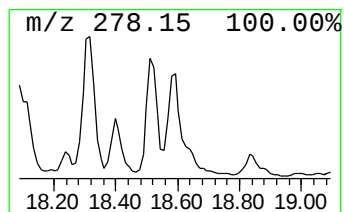
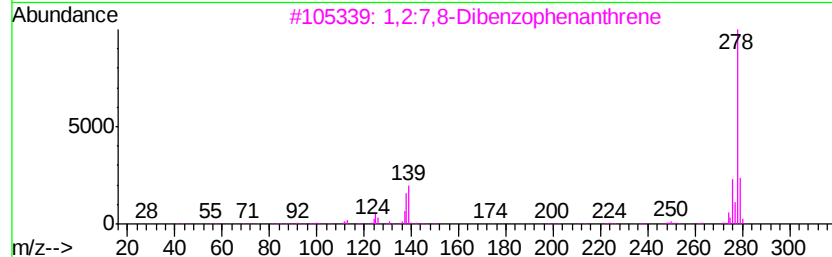
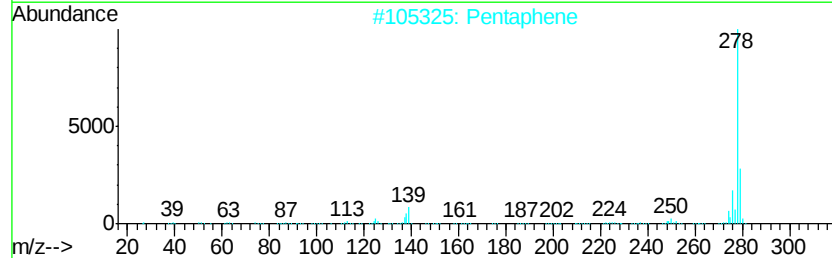
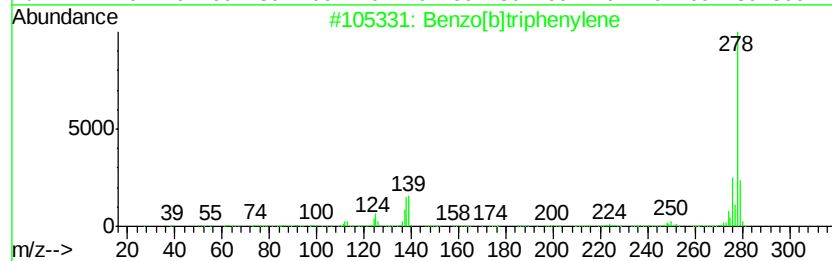
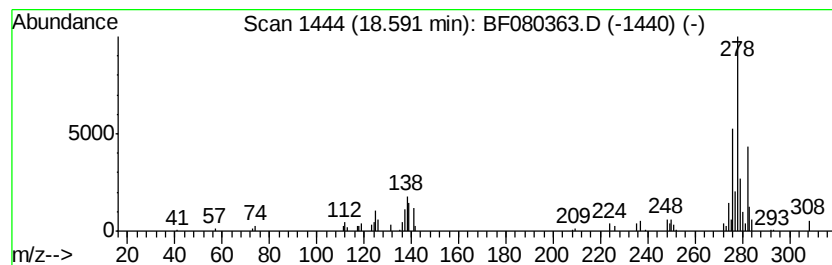
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.59 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	7.03 ng	140576	Perylene-d12	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	83
2			Pentaphene	278	C22H14	000222-93-5	41
3			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	41
4			3-Methoxy-2-phenylcinchoninamide	278	C17H14N2O2	1000252-14-6	38
5			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080363.D
Acq On : 7 Jul 2015 2:19
Operator : TP/IZ
Sample : G2874-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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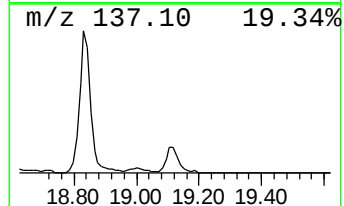
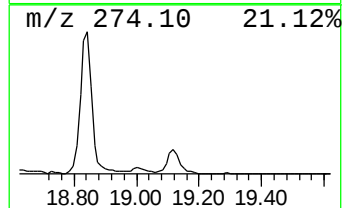
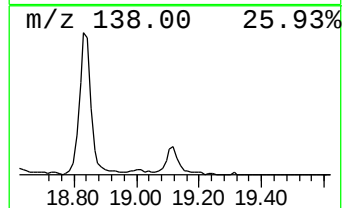
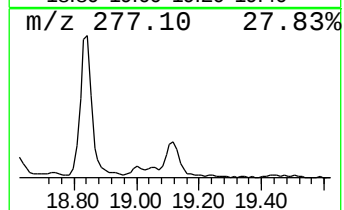
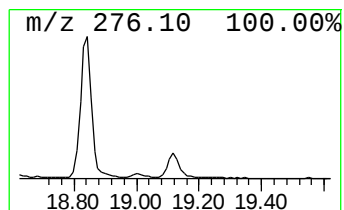
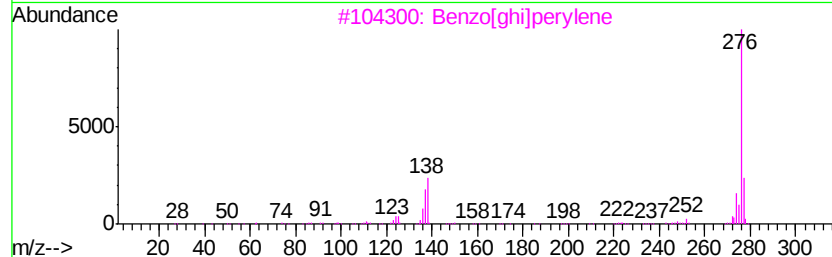
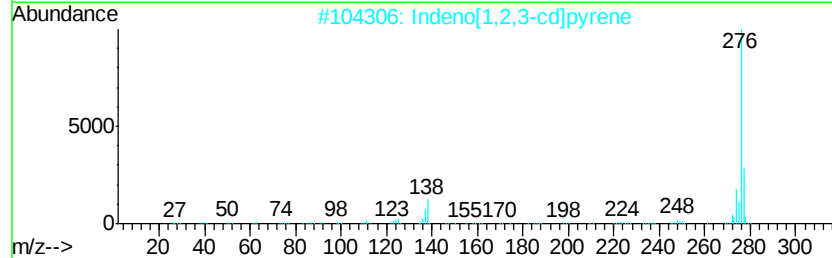
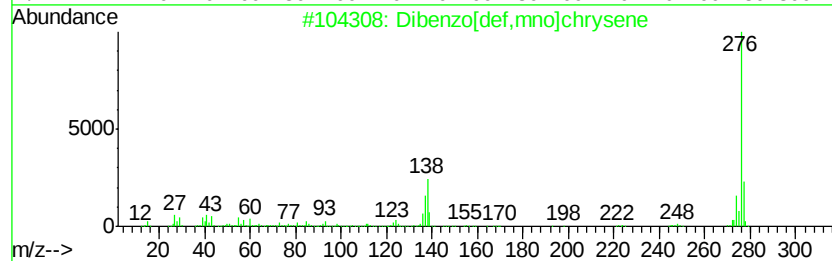
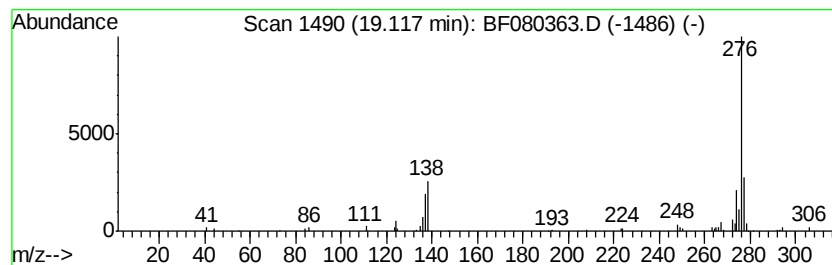
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	6.63 ng	132510	Perylene-d12	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
3			Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	91
5			6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080363.D
 Acq On : 7 Jul 2015 2:19
 Operator : TP/IZ
 Sample : G2874-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.43	26.4	ng	284558	1	7.23	215695	20.0
2-Pentanone, 4-hy...	5.44	41.6	ng	448995	1	7.23	215695	20.0
unknown6.99	6.99	82.0	ng	884021	1	7.23	215695	20.0
Phenanthrene, 2-m...	12.33	6.1	ng	126377	4	11.79	412005	20.0
9,10-Dimethylanthe...	12.88	5.9	ng	121059	4	11.79	412005	20.0
Cyclopenta(def)ph...	12.97	12.9	ng	265693	4	11.79	412005	20.0
1,8-Anthracenedia...	13.22	5.8	ng	119710	4	11.79	412005	20.0
Phenanthro[3,4-c]...	15.71	7.0	ng	140437	6	16.53	399913	20.0
Anthracene, 9-phe...	15.80	11.3	ng	225967	6	16.53	399913	20.0
2-Hydroxy-4,5-met...	16.28	6.8	ng	134961	6	16.53	399913	20.0
Benzo[e]pyrene	16.39	40.3	ng	805879	6	16.53	399913	20.0
unknown17.88	17.88	13.3	ng	265387	6	16.53	399913	20.0
Benzo[b]triphenylene	18.51	6.4	ng	127507	6	16.53	399913	20.0
unknown18.59	18.59	7.0	ng	140576	6	16.53	399913	20.0
Dibenzo[def,mno]c...	19.12	6.6	ng	132510	6	16.53	399913	20.0