

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083428.D
 Acq On : 2 Dec 2015 20:17
 Operator : UM/IZ
 Sample : G4584-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-13(0-8)

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-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.613	254	256	258	rBV	110042	193458	2.50%	0.160%
2	4.658	258	260	271	rVB	885021	1744450	22.57%	1.442%
3	5.139	299	302	304	rBV	4422661	5792629	74.94%	4.787%
4	5.321	316	318	328	rVB	278646	337391	4.36%	0.279%
5	6.213	394	396	399	rBV	4487196	5777087	74.74%	4.774%
6	6.316	403	405	408	rVV	5856358	5683713	73.53%	4.697%
7	6.533	422	424	427	rBV	779841	977914	12.65%	0.808%
8	6.693	436	438	441	rBV	4008827	3998916	51.73%	3.305%
9	7.116	472	475	477	rBV	3704522	4139598	53.55%	3.421%
10	7.402	498	500	503	rBV	452408	510217	6.60%	0.422%
11	7.825	535	537	548	rVB2	1507861	1618494	20.94%	1.338%
12	8.110	560	562	568	rVB	200215	202393	2.62%	0.167%
13	8.910	629	632	634	rVV	6200563	6232124	80.62%	5.150%
14	9.025	641	642	647	rVV	473325	636539	8.23%	0.526%
15	9.196	651	657	659	rVV	190291	243524	3.15%	0.201%
16	9.310	664	667	669	rVV2	1422555	1436813	18.59%	1.187%
17	9.436	676	678	680	rVB	654465	701046	9.07%	0.579%
18	9.528	684	686	688	rBV	177771	227648	2.94%	0.188%
19	9.573	688	690	692	rVV	1556944	1515735	19.61%	1.253%
20	10.030	723	730	731	rBV2	216924	298101	3.86%	0.246%
21	10.362	756	759	762	rVB	3505025	3623688	46.88%	2.995%
22	10.511	768	772	775	rBV3	180188	444629	5.75%	0.367%
23	10.591	778	779	782	rVB2	223240	330852	4.28%	0.273%
24	10.899	804	806	808	rBV	224749	233994	3.03%	0.193%
25	10.991	812	814	817	rVB2	186651	238319	3.08%	0.197%
26	11.105	822	824	826	rBV	989338	1918831	24.82%	1.586%
27	11.139	826	827	829	rVV	2958417	2323203	30.05%	1.920%
28	11.196	829	832	835	rVB	441340	442133	5.72%	0.365%
29	11.471	854	856	857	rVV	286300	326661	4.23%	0.270%
30	11.585	864	866	871	rVB3	73829	184551	2.39%	0.153%
31	11.711	875	877	879	rBV	297272	381728	4.94%	0.315%
32	11.745	879	880	883	rVB	341428	401444	5.19%	0.332%
33	11.813	883	886	887	rBV	365785	408840	5.29%	0.338%
34	11.848	887	889	891	rVV	701149	837846	10.84%	0.692%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.882	891	892	895	rVB	255761	232056	3.00%	0.192%
36	12.099	909	911	912	rVV	590180	626956	8.11%	0.518%
37	12.134	912	914	916	rVB	279787	400828	5.19%	0.331%
38	12.442	938	941	946	rBV3	154268	509046	6.59%	0.421%
39	12.545	948	950	954	rVB	379415	528809	6.84%	0.437%
40	12.648	955	959	962	rBV	3729315	5985402	77.43%	4.946%
41	12.774	968	970	974	rVB2	289013	426140	5.51%	0.352%
42	12.842	974	976	978	rBV	235963	308380	3.99%	0.255%
43	12.888	978	980	982	rBV	136940	191339	2.48%	0.158%
44	12.968	982	987	989	rVV	5118676	7730043	100.00%	6.388%
45	13.014	989	991	994	rVB3	231215	412173	5.33%	0.341%
46	13.208	1004	1008	1011	rVB	3780886	5344381	69.14%	4.417%
47	13.288	1011	1015	1018	rBV	216641	430566	5.57%	0.356%
48	13.437	1026	1028	1032	rVB2	298512	475128	6.15%	0.393%
49	13.528	1034	1036	1038	rVB	145977	177615	2.30%	0.147%
50	13.585	1038	1041	1043	rBV	299719	476056	6.16%	0.393%
51	13.711	1050	1052	1054	rVV	283235	329872	4.27%	0.273%
52	13.757	1054	1056	1060	rVB	271787	343089	4.44%	0.284%
53	13.928	1067	1071	1074	rBV	131320	236829	3.06%	0.196%
54	14.008	1074	1078	1082	rVV5	137007	378834	4.90%	0.313%
55	14.077	1082	1084	1086	rVV3	105018	172125	2.23%	0.142%
56	14.145	1086	1090	1091	rVV2	116520	214952	2.78%	0.178%
57	14.179	1091	1093	1099	rVV2	253782	669248	8.66%	0.553%
58	14.339	1104	1107	1109	rBV	358618	523797	6.78%	0.433%
59	14.419	1109	1114	1116	rVV2	642413	1517369	19.63%	1.254%
60	14.499	1119	1121	1125	rVB	252186	369214	4.78%	0.305%
61	14.602	1125	1130	1132	rBV	102336	250227	3.24%	0.207%
62	14.648	1132	1134	1135	rBV	151042	253750	3.28%	0.210%
63	14.717	1135	1140	1143	rVV2	1842761	4610974	59.65%	3.811%
64	14.774	1143	1145	1147	rVV	2056962	2637810	34.12%	2.180%
65	14.854	1150	1152	1156	rVB4	100791	242218	3.13%	0.200%
66	14.945	1156	1160	1163	rBV2	278302	435207	5.63%	0.360%
67	15.162	1177	1179	1182	rVB2	156689	262527	3.40%	0.217%
68	15.334	1191	1194	1197	rBV	185869	344011	4.45%	0.284%
69	15.402	1197	1200	1203	rVB2	109913	243742	3.15%	0.201%
70	15.482	1203	1207	1209	rBV2	182957	338468	4.38%	0.280%
71	15.585	1214	1216	1218	rVV	150753	185064	2.39%	0.153%

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72	15.654	1220	1222	1227	rVB	204826	351509	4.55%	0.290%
73	15.985	1249	1251	1254	rBV	193906	302519	3.91%	0.250%
74	16.180	1266	1268	1274	rVB2	129629	236339	3.06%	0.195%
75	16.294	1274	1278	1285	rBV	1966501	5294435	68.49%	4.375%
76	16.420	1285	1289	1292	rVB	254352	371324	4.80%	0.307%
77	16.591	1298	1304	1306	rBV4	145638	322951	4.18%	0.267%
78	16.660	1306	1310	1312	rVV	1549082	2554204	33.04%	2.111%
79	16.728	1312	1316	1319	rVV	1679748	2643820	34.20%	2.185%
80	16.797	1319	1322	1324	rVV	778951	1198494	15.50%	0.990%
81	16.831	1324	1325	1327	rVV	387034	397029	5.14%	0.328%
82	16.877	1327	1329	1336	rVB	76389	230921	2.99%	0.191%
83	16.991	1336	1339	1341	rBV2	73345	182205	2.36%	0.151%
84	17.128	1348	1351	1355	rBV3	145864	364314	4.71%	0.301%
85	17.368	1368	1372	1378	rVV	248352	538687	6.97%	0.445%
86	17.791	1406	1409	1413	rBV2	106115	231335	2.99%	0.191%
87	17.928	1413	1421	1426	rBV4	259634	730763	9.45%	0.604%
88	18.031	1426	1430	1439	rBV3	374539	1253257	16.21%	1.036%
89	18.180	1439	1443	1447	rVV2	1344435	2776702	35.92%	2.295%
90	18.328	1453	1456	1458	rBV	172781	309147	4.00%	0.255%
91	18.386	1458	1461	1465	rVB	177997	356862	4.62%	0.295%
92	18.557	1471	1476	1480	rBV	1306246	2711954	35.08%	2.241%
93	19.540	1557	1562	1575	rVB4	77416	328999	4.26%	0.272%
94	20.431	1634	1640	1646	rBV	285492	930411	12.04%	0.769%
95	20.580	1648	1653	1656	rVV	153053	521790	6.75%	0.431%
96	20.649	1656	1659	1667	rVV	124390	489395	6.33%	0.404%
97	20.832	1667	1675	1693	rVB2	105227	702837	9.09%	0.581%
98	21.117	1695	1700	1711	rVB3	67835	258723	3.35%	0.214%
99	21.346	1714	1720	1721	rBV	96126	237176	3.07%	0.196%
100	21.414	1722	1726	1736	rVV	275704	999696	12.93%	0.826%

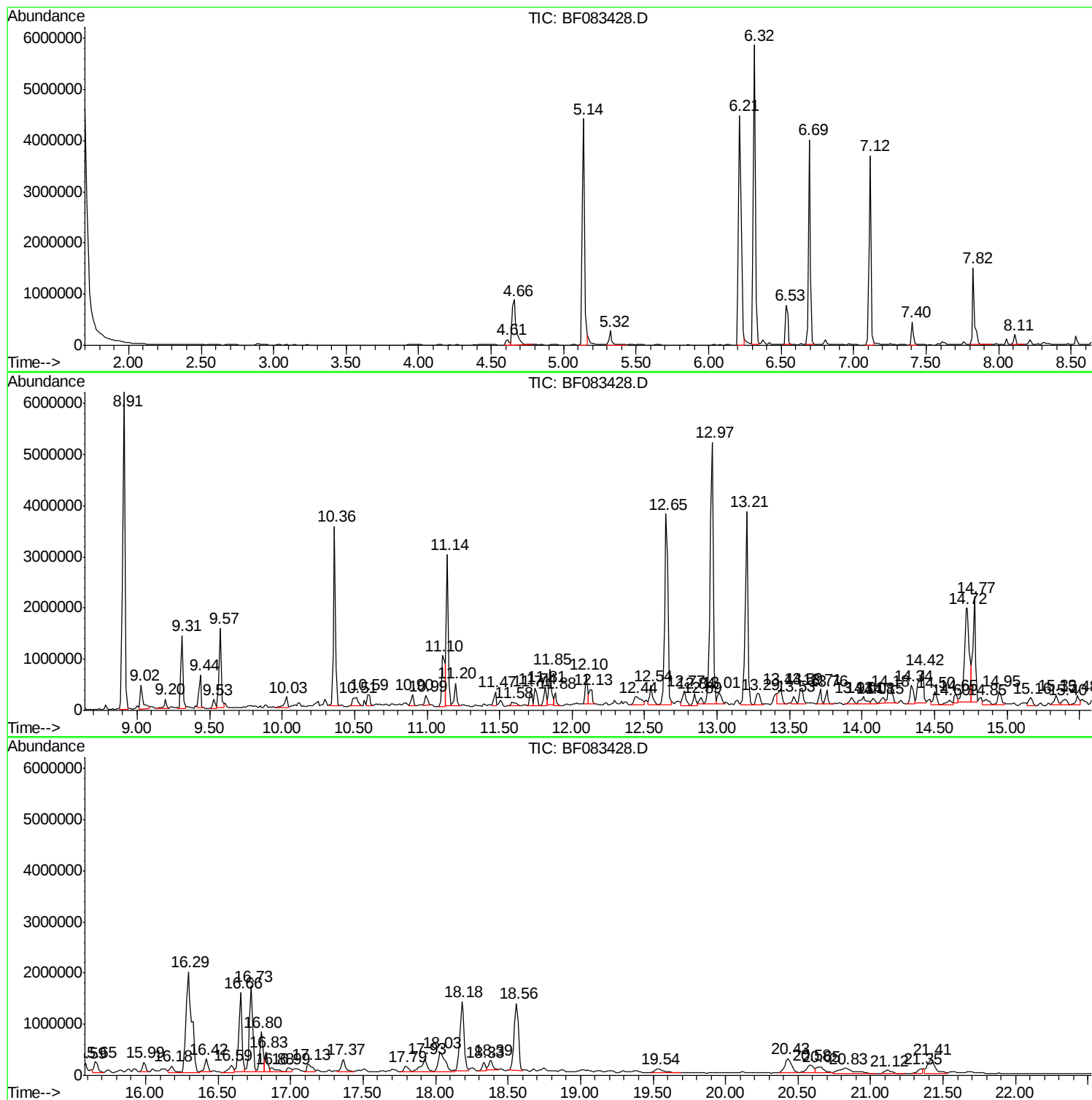
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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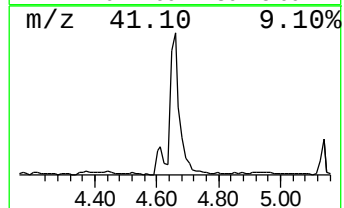
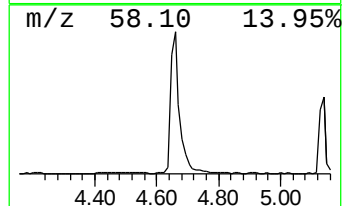
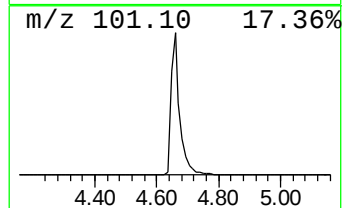
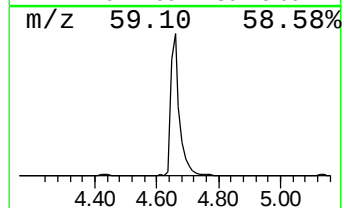
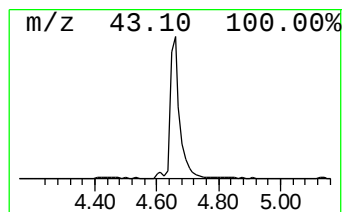
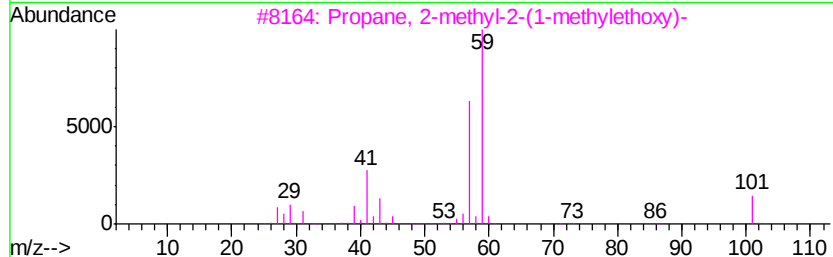
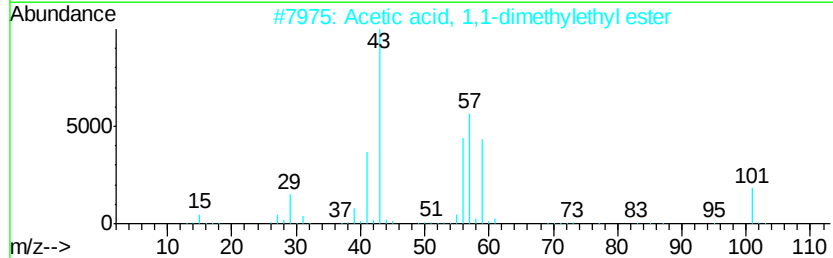
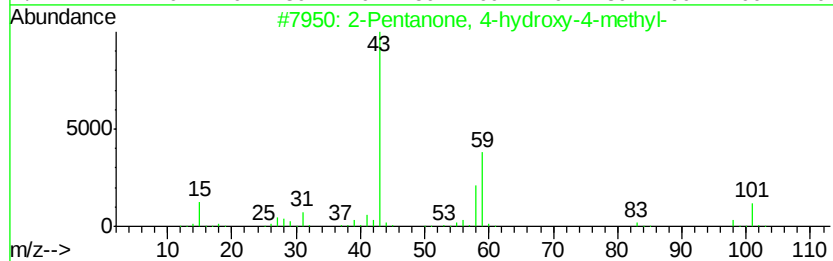
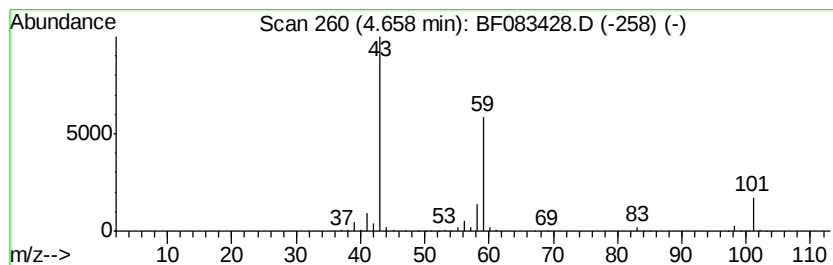
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	35.68 ng	1744450	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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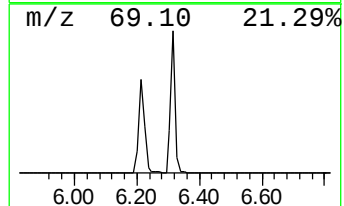
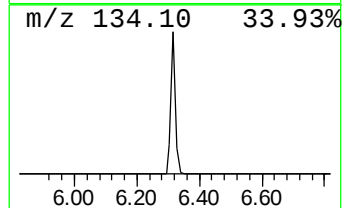
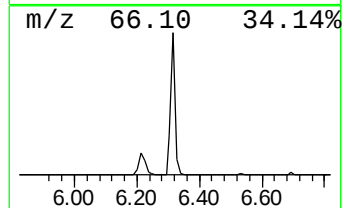
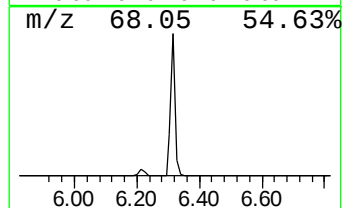
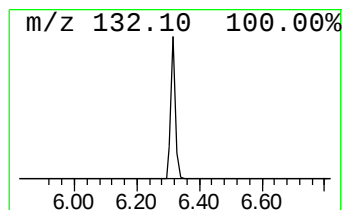
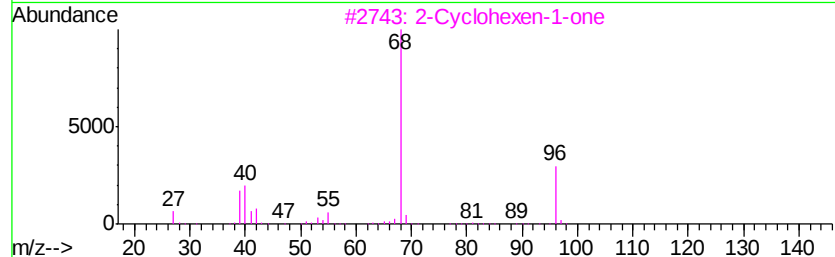
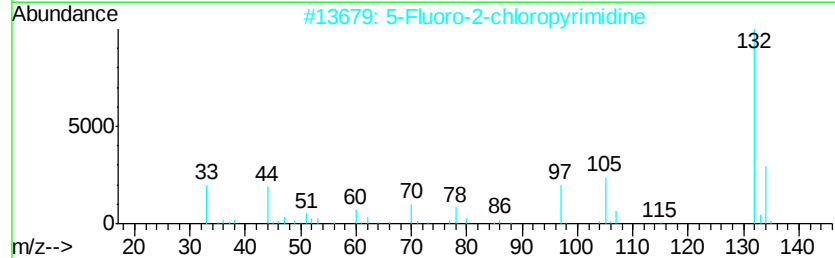
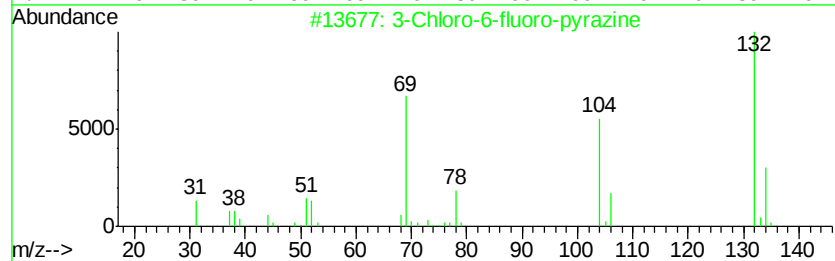
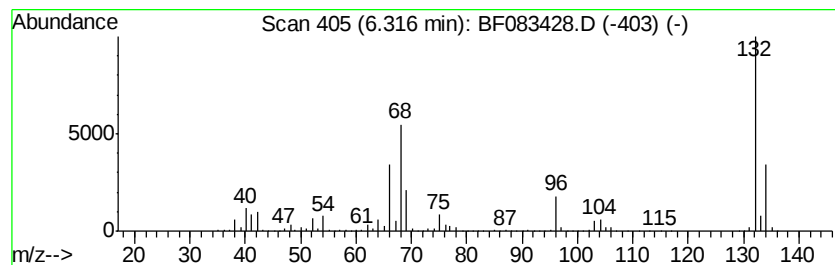
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	116.24 ng	5683710	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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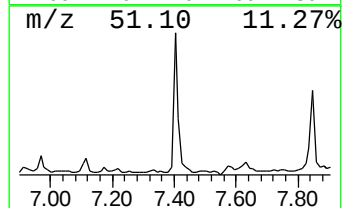
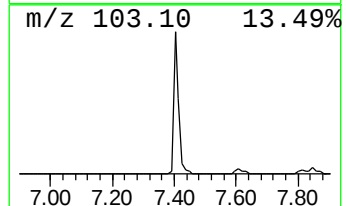
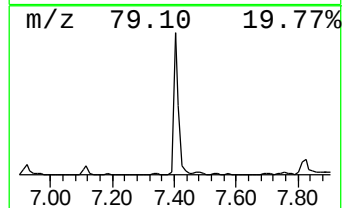
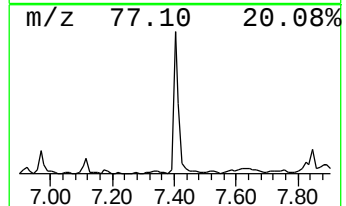
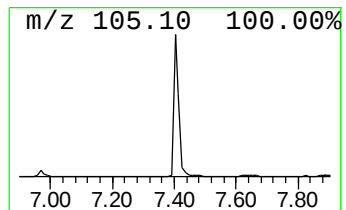
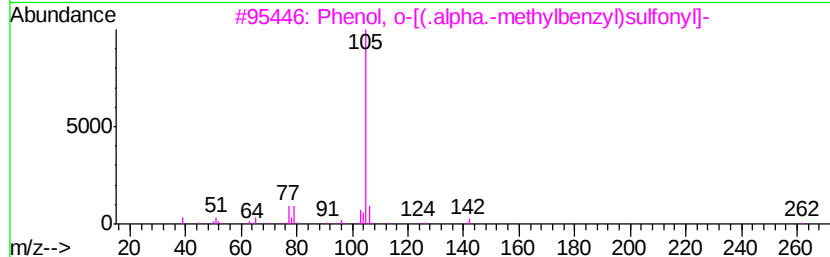
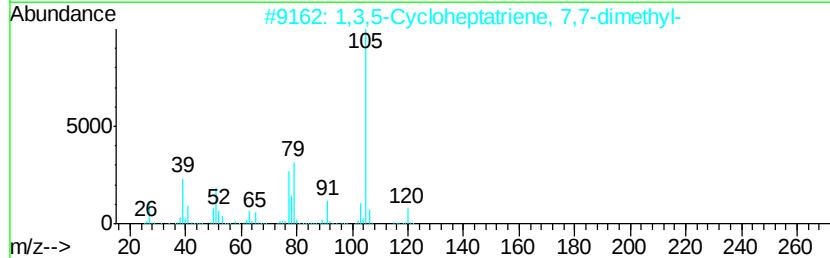
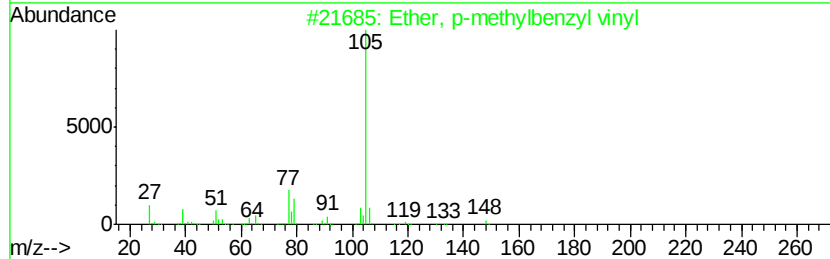
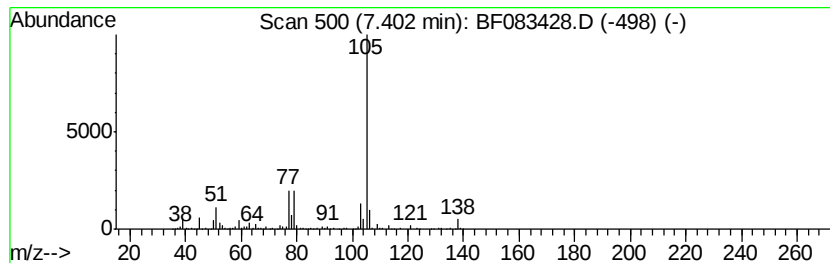
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Ether, p-methylbenzyl vinyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	6.30 ng	510217	Napthalene-d8	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
2		1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	72
3		Phenol, o-[(.alpha.-methvlbenzyl...]	262	C14H14O3S	029634-38-6	72
4		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
5		3,5-Dimethylthiophenol	138	C8H10S	038360-81-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083428.D
Acq On : 2 Dec 2015 20:17
Operator : UM/IZ
Sample : G4584-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SB-P3WC-13(0-8)

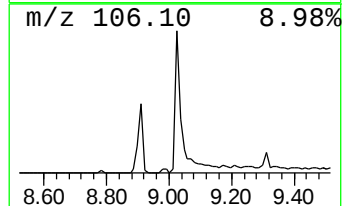
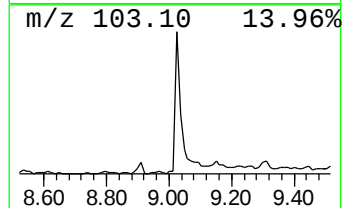
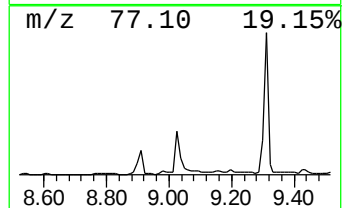
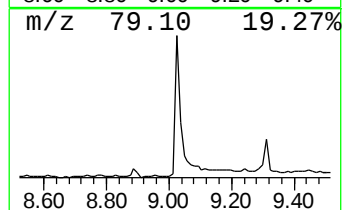
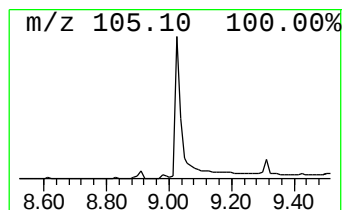
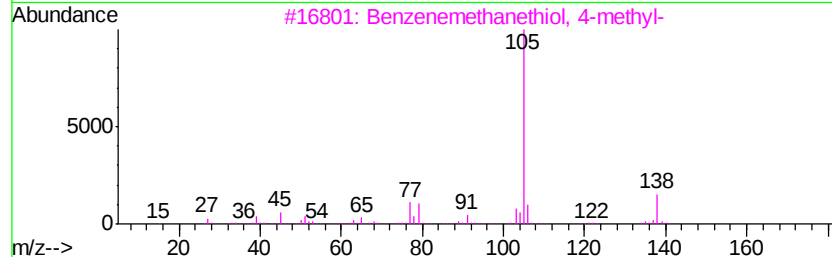
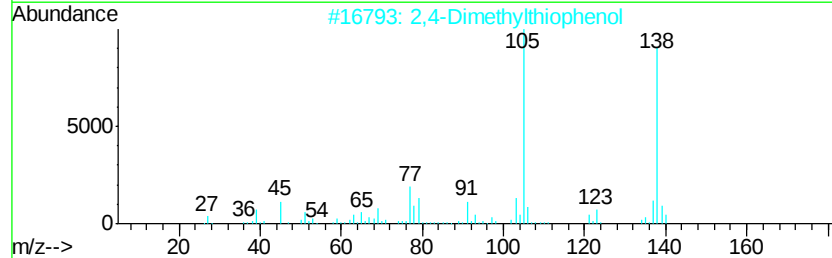
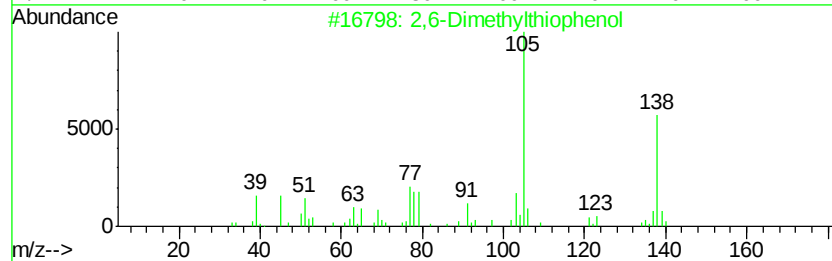
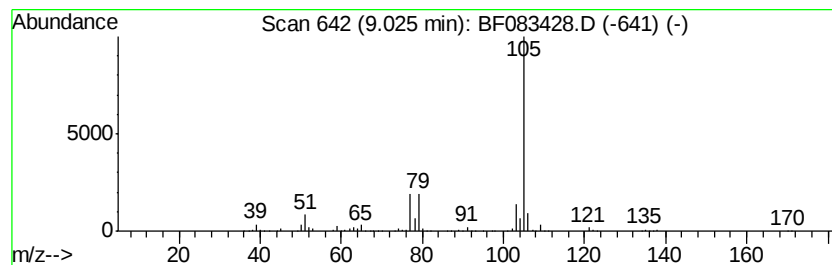
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,6-Dimethylthiophenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	8.40 ng	636539	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	72
2		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	72
3		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
4		Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	72
5		Benzene, 1,1'-(1,2-dimethyl-1,2-...	210	C16H18	005789-35-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 2 Dec 2015 20:17
Operator : UM/IZ
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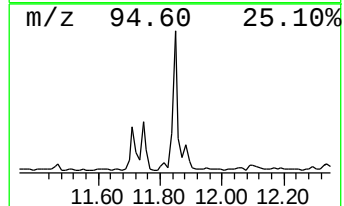
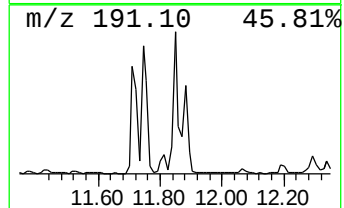
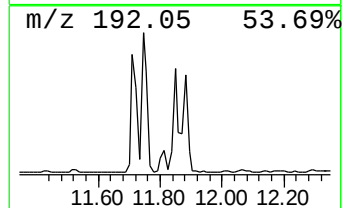
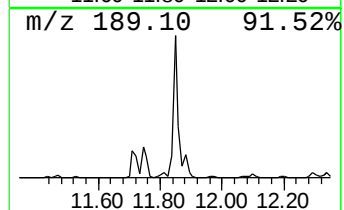
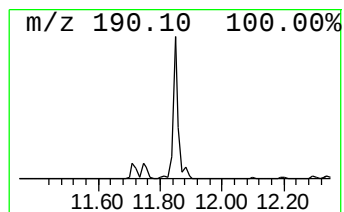
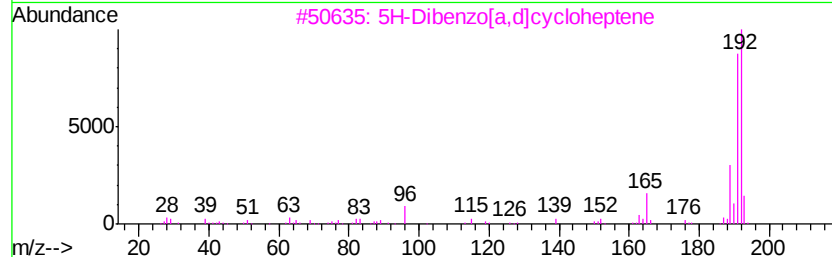
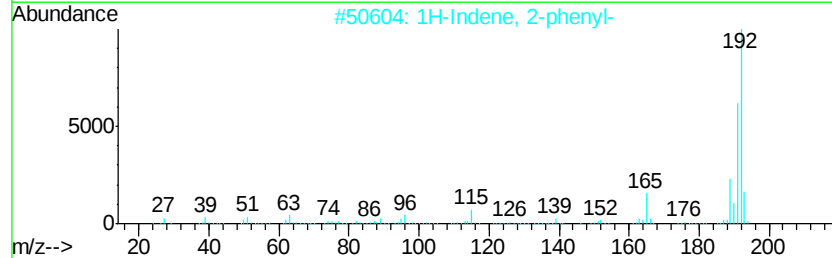
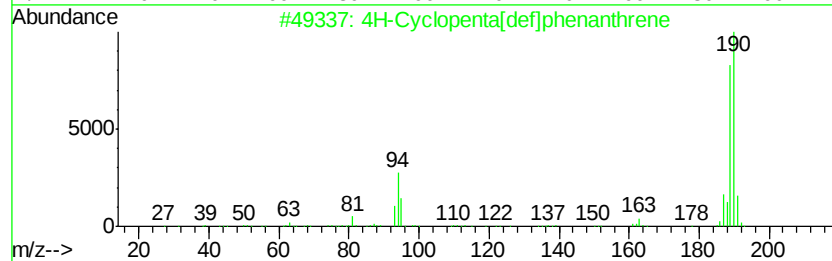
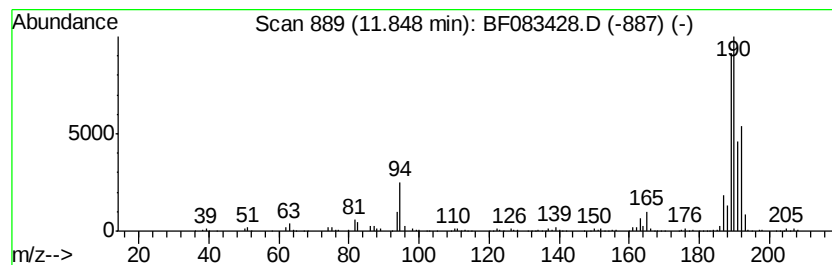
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.73 ng	837846	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083428.D
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Sample : G4584-05
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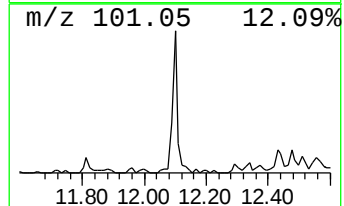
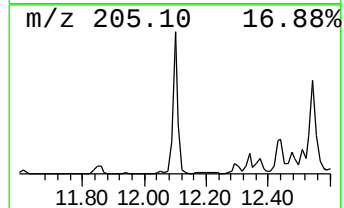
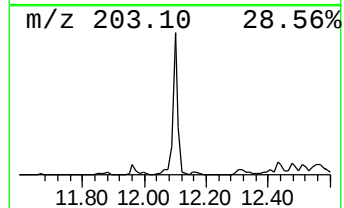
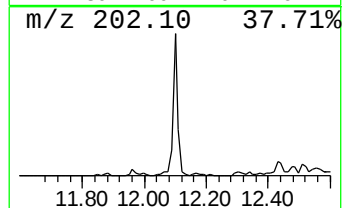
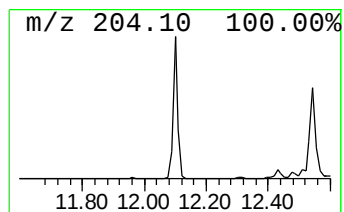
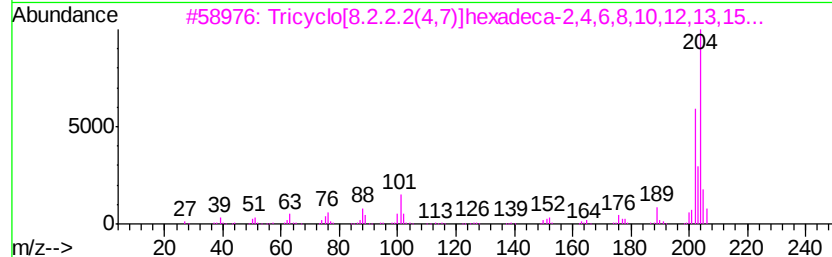
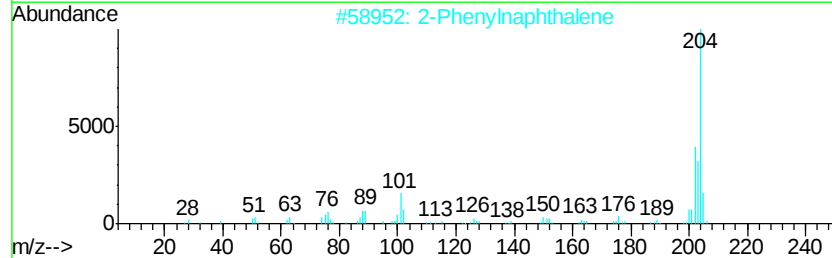
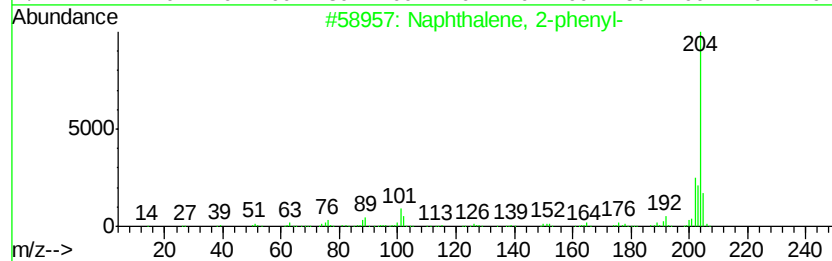
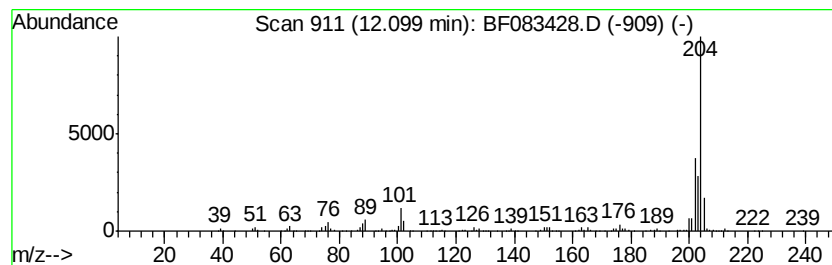
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.10	6.53 ng	626956	Phenanthrene-d10	11.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Operator : UM/IZ
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ClientSampleId :
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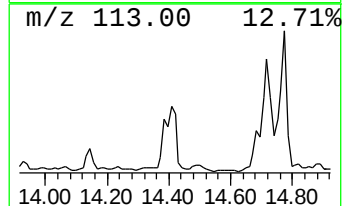
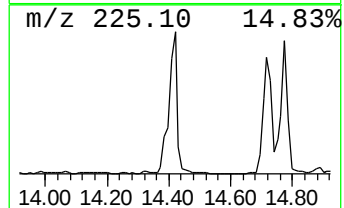
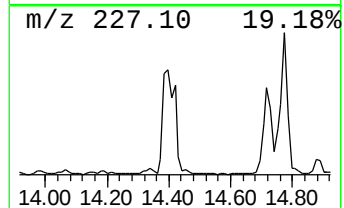
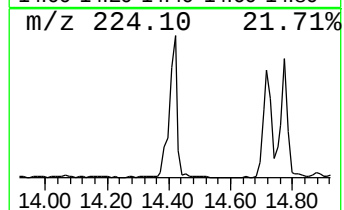
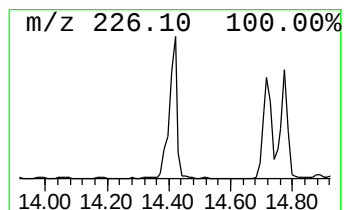
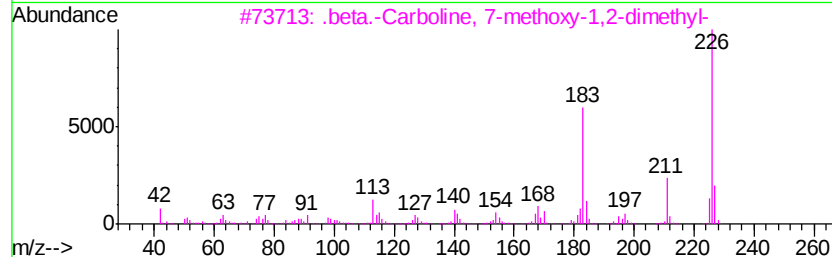
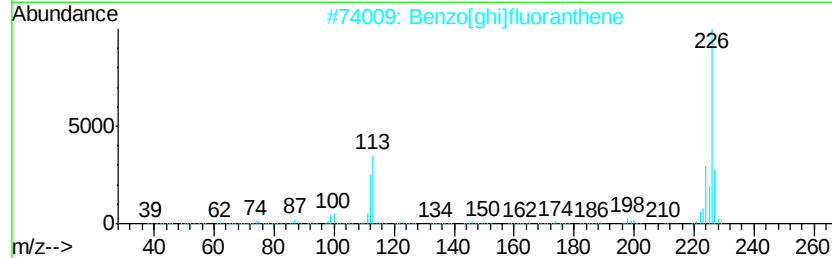
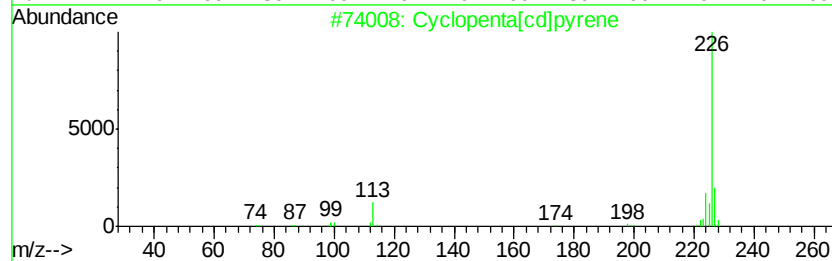
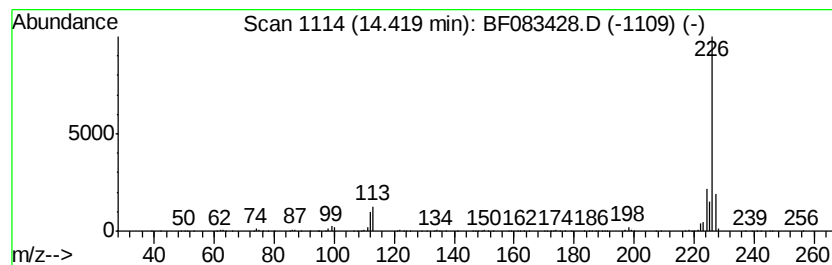
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.58 ng	1517370	Chrysene-d12	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	90
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
5		p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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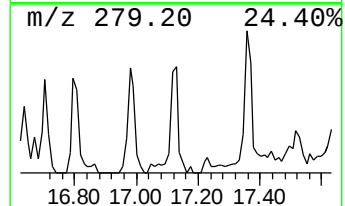
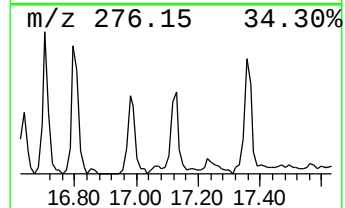
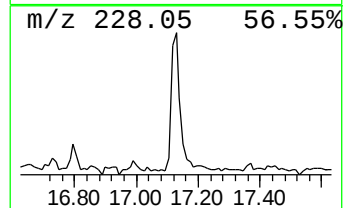
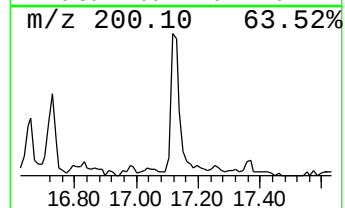
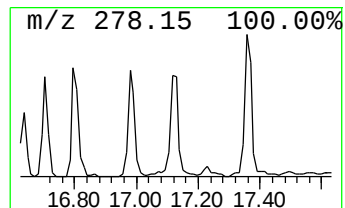
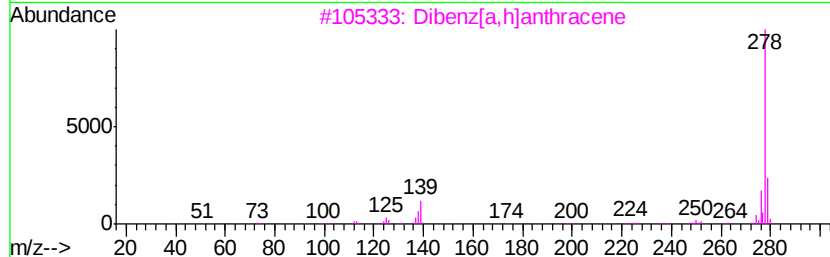
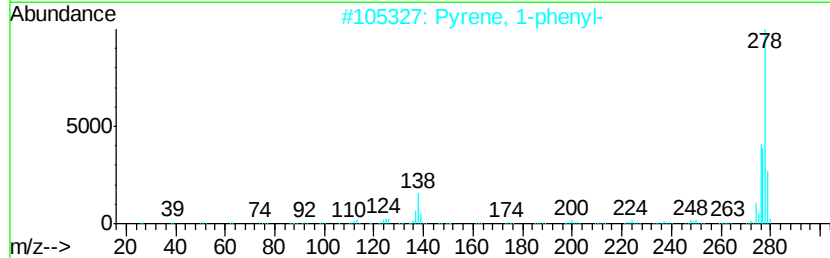
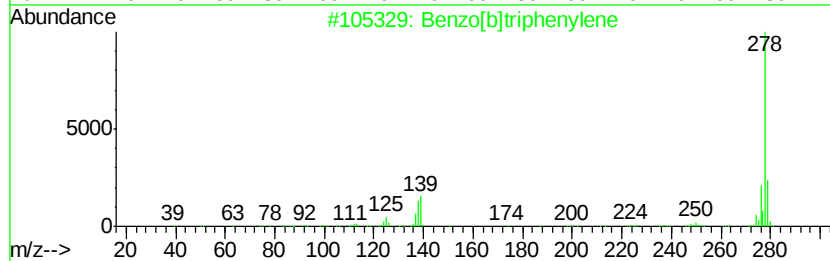
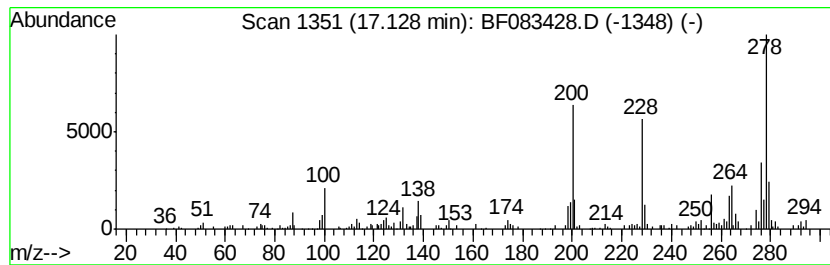
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	6.08 ng	364314	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	83
2			Pyrene, 1-phenyl-	278	C22H14	005101-27-9	56
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	46
4			Benzo[b]chrysene	278	C22H14	000214-17-5	42
5			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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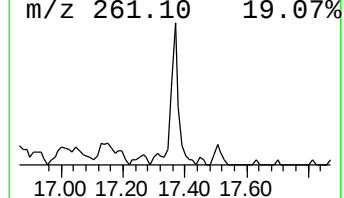
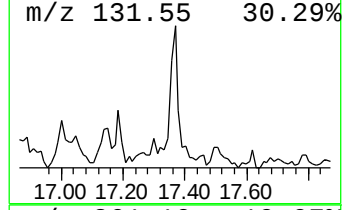
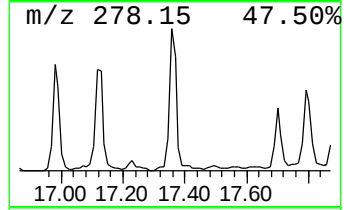
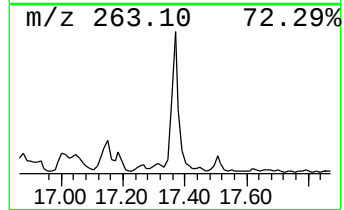
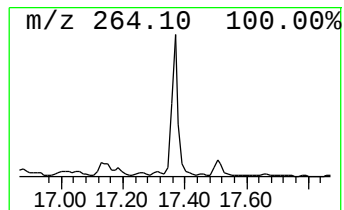
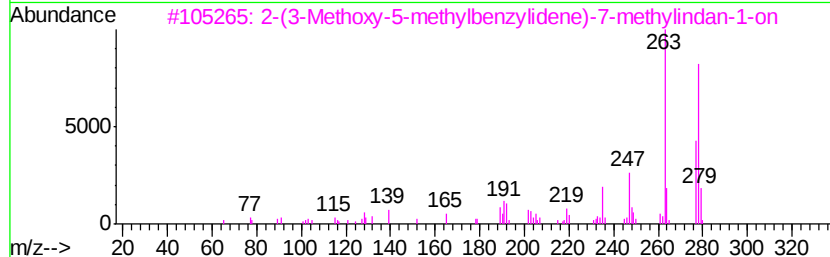
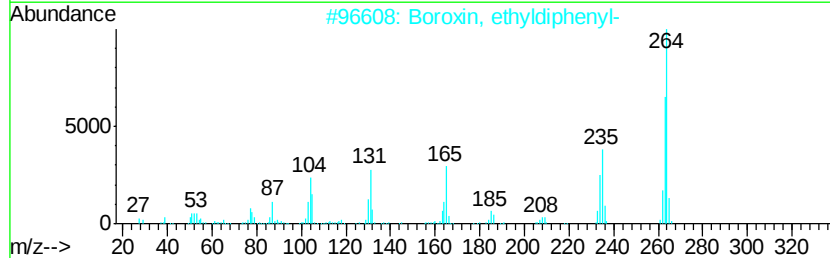
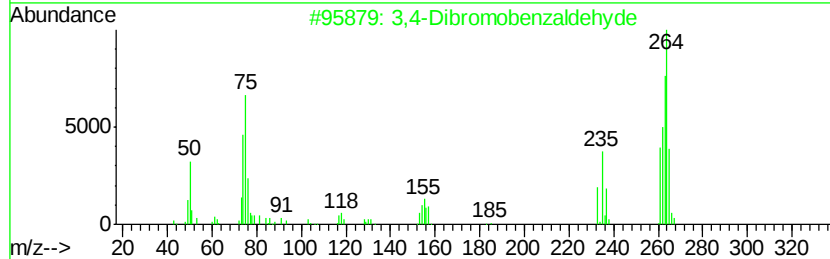
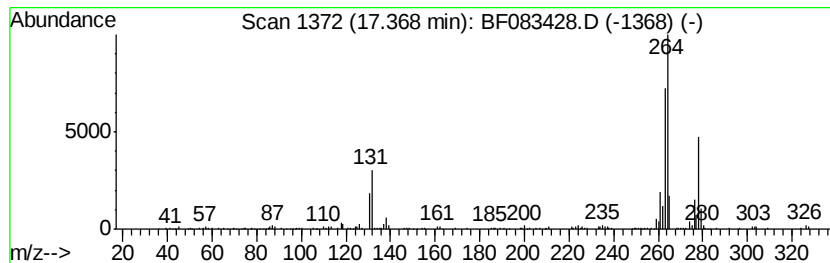
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	8.99 ng	538687	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	49	
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	49	
3	2-(3-Methoxy-5-methylbenzylidene)-7-methylindan-1-one	278	C19H18O2	113649-25-5	35	
4	Perylene-D12	264	C20D12	001520-96-3	27	
5	Benzenemethanol, 3,5-bis(1,1-dimethyl-2-phenylethyl)-	278	C17H26O3	014387-17-8	27	



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ALS Vial : 17 Sample Multiplier: 1

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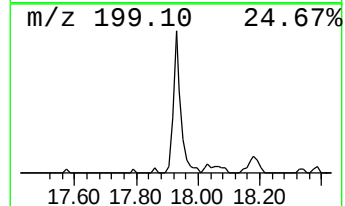
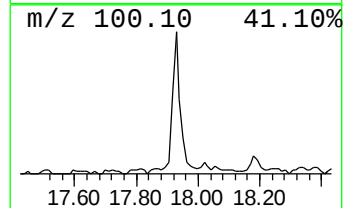
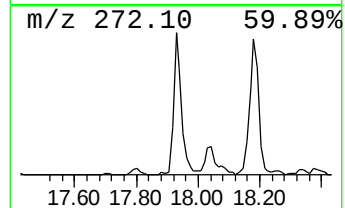
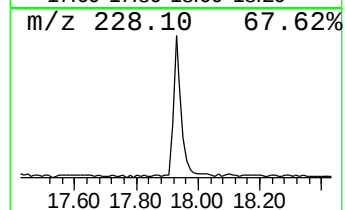
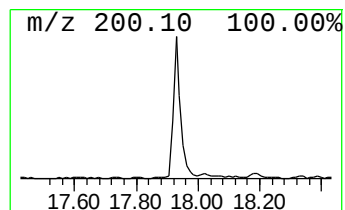
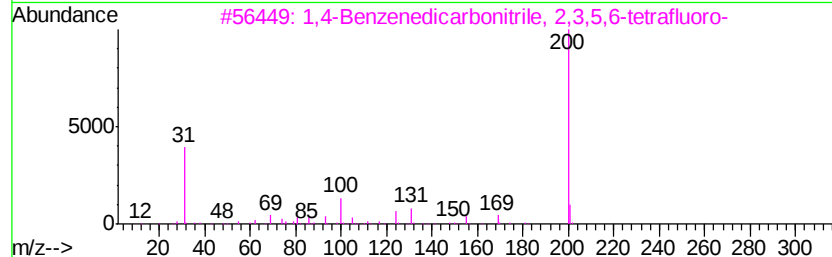
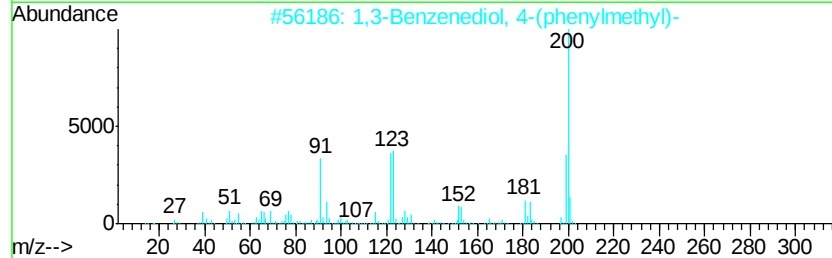
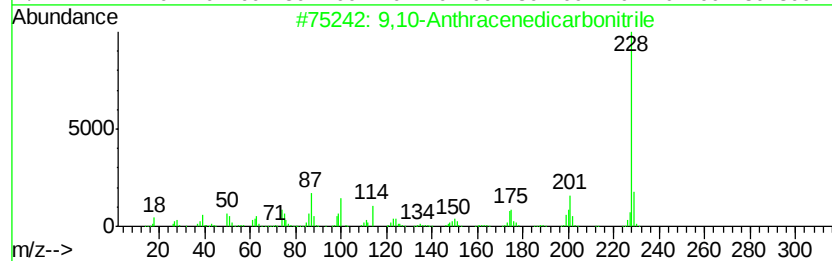
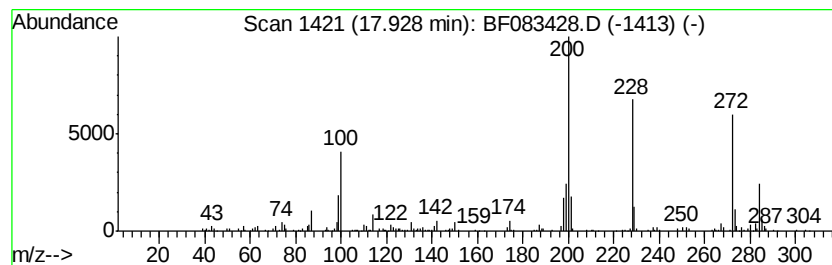
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown17.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	12.19 ng	730763	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	25
2		1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	22
3		1,4-Benzenedicarbonitrile, 2,3,5...	200	C8F4N2	001835-49-0	14
4		(E)-2-Fluoro-3-(3-chlorophenyl)-...	228	C11H10ClF02	110915-34-9	14
5		Tetrafluoroisophthalonitrile	200	C8F4N2	002377-81-3	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083428.D
Acq On : 2 Dec 2015 20:17
Operator : UM/IZ
Sample : G4584-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

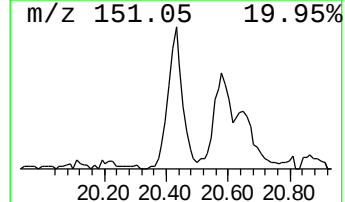
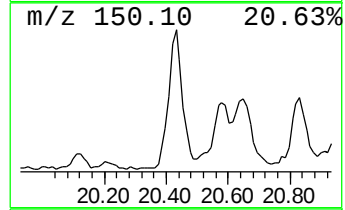
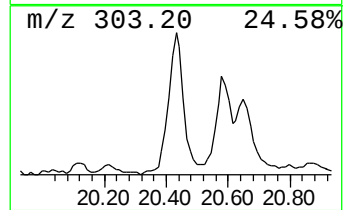
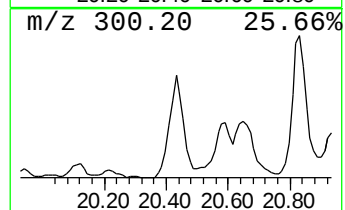
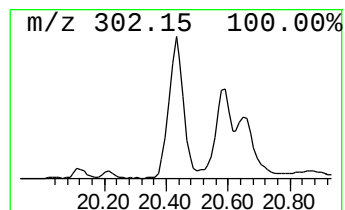
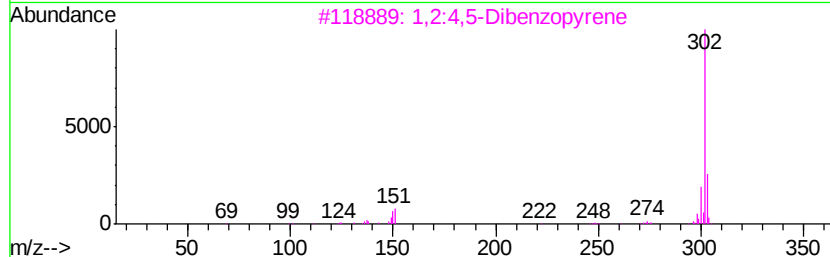
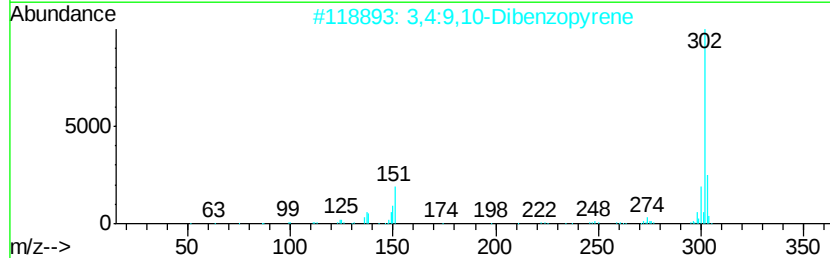
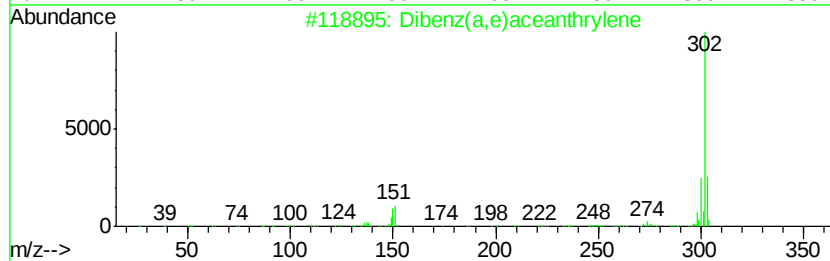
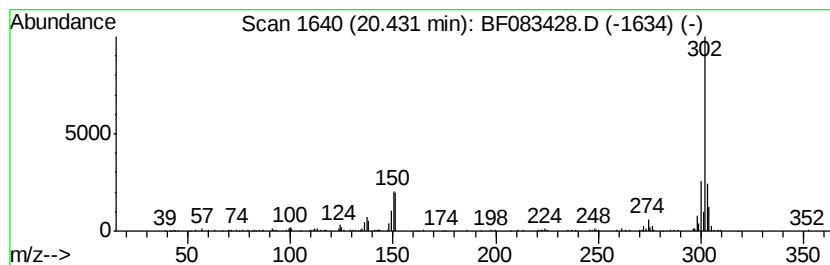
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenz(a,e)aceanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	15.53 ng	930411	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083428.D
Acq On : 2 Dec 2015 20:17
Operator : UM/IZ
Sample : G4584-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

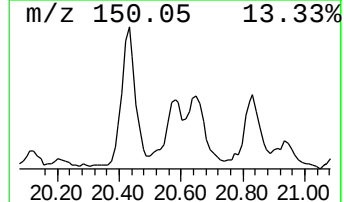
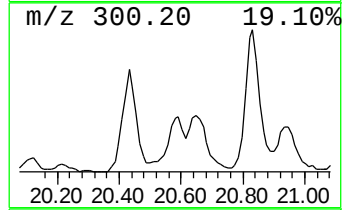
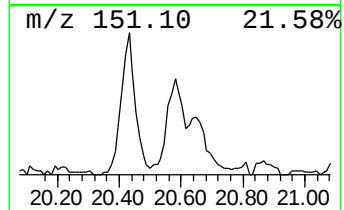
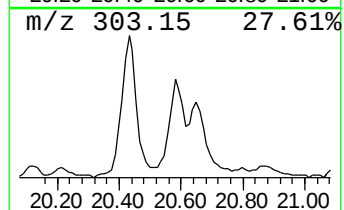
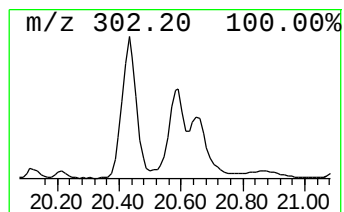
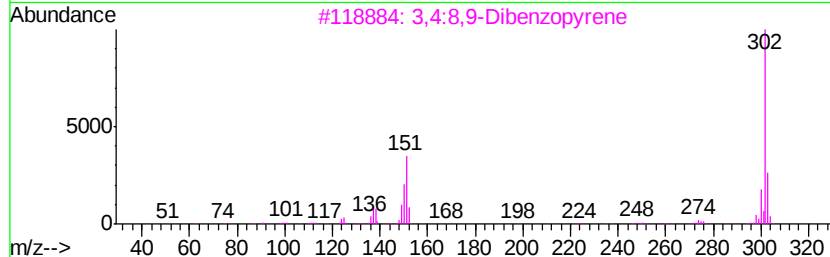
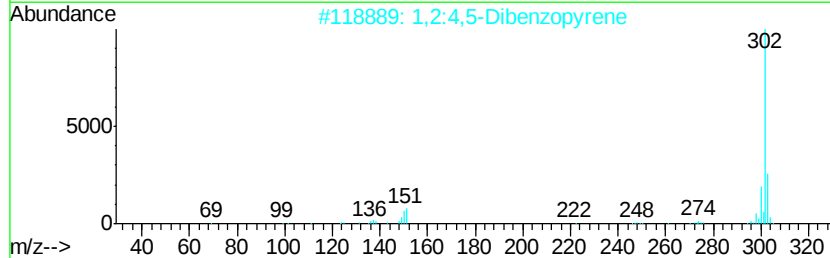
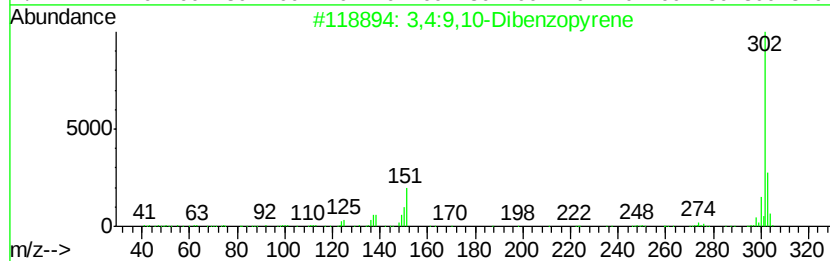
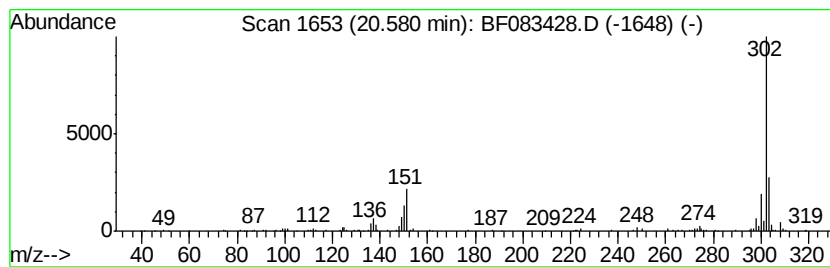
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4:9,10-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	8.71 ng	521790	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
4			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86
5			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083428.D
Acq On : 2 Dec 2015 20:17
Operator : UM/IZ
Sample : G4584-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

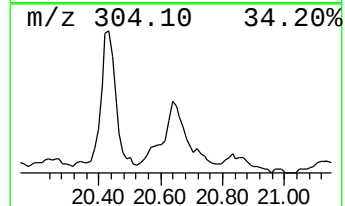
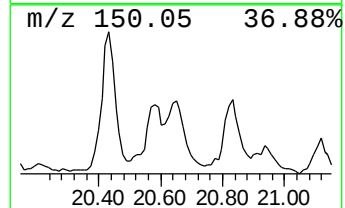
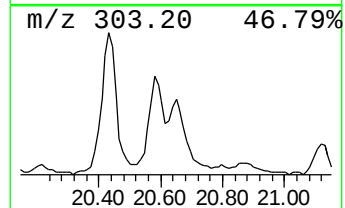
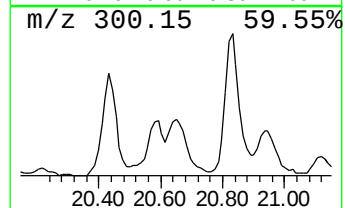
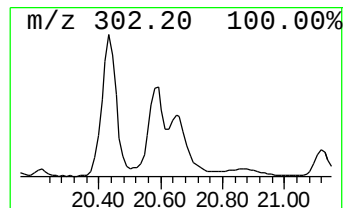
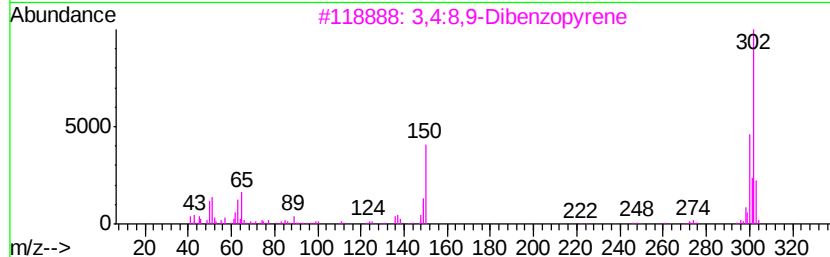
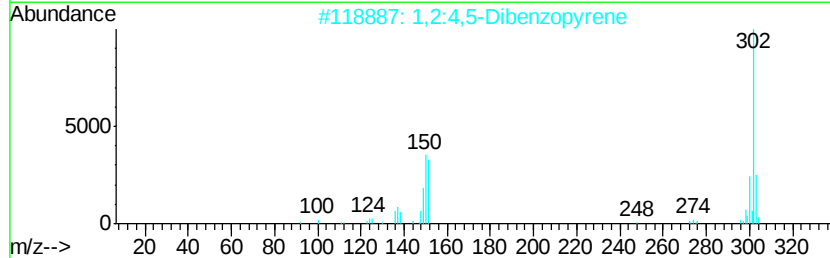
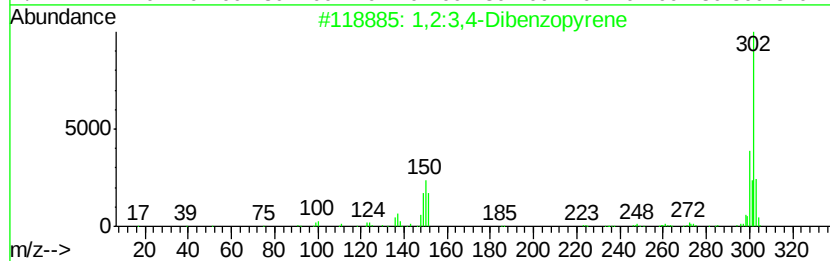
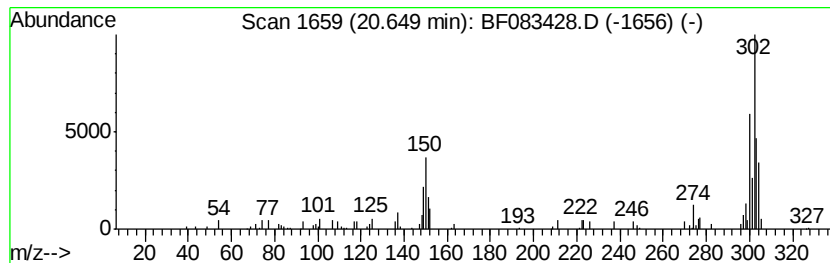
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:3,4-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	8.17 ng	489395	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	60
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	49
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	49
4			Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	43
5			2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083428.D
Acq On : 2 Dec 2015 20:17
Operator : UM/IZ
Sample : G4584-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

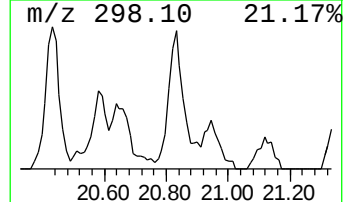
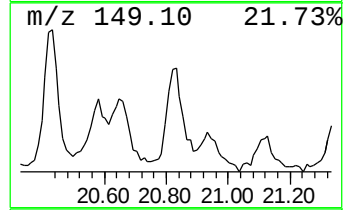
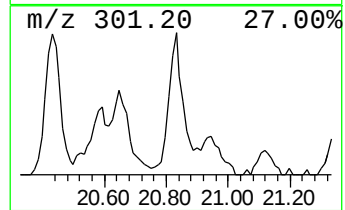
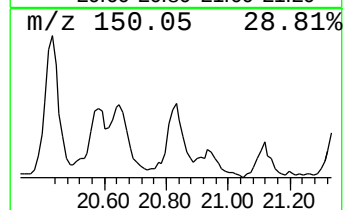
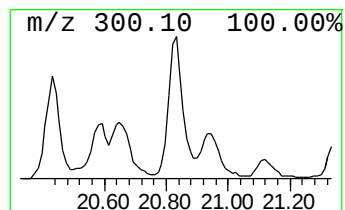
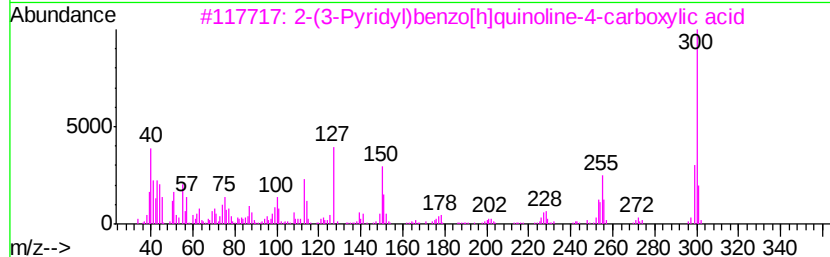
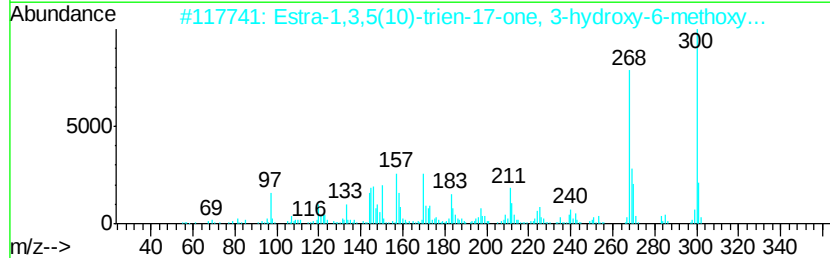
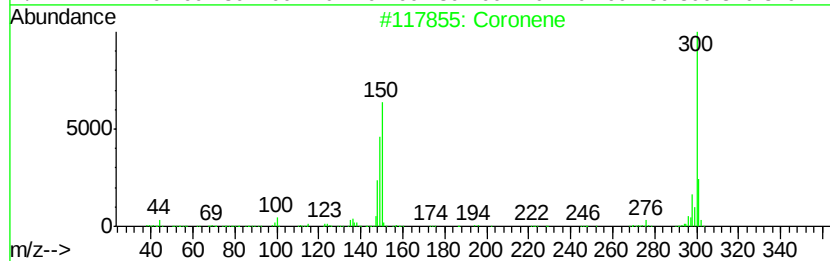
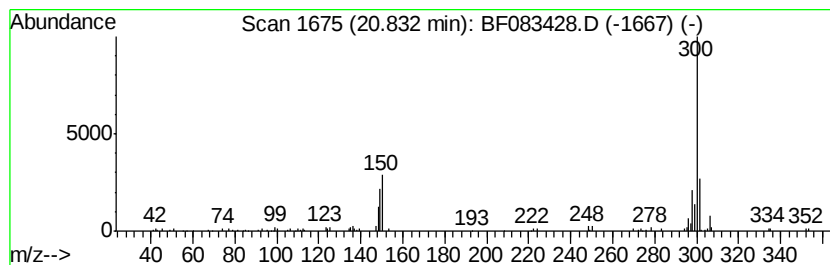
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Coronene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	11.73 ng	702837	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	91
2		Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-14-2	50
3		2-(3-Pyridyl)benzo[h]quinoline-4...	300	C19H12N2O2	303100-32-5	40
4		(3-Cyano-4-thiophen-2-yl-6-trifl...	344	C13H7F3N2O2S2	1000295-94-7	33
5		1H-Benzimidazole, 2,2'-(2,5-fura...	300	C18H12N4O	004751-41-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083428.D
 Acq On : 2 Dec 2015 20:17
 Operator : UM/IZ
 Sample : G4584-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-13(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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
2-Pentanone, 4-hy...	4.66	35.7	ng	1744450	1	6.54	977914	20.0
unknown6.32	6.32	116.2	ng	5683710	1	6.54	977914	20.0
Ether, p-methylbe...	7.40	6.3	ng	510217	2	7.82	1618490	20.0
2,6-Dimethylthiop...	9.02	8.4	ng	636539	3	9.57	1515740	20.0
4H-Cyclopenta[def...	11.85	8.7	ng	837846	4	11.10	1918830	20.0
Naphthalene, 2-ph...	12.10	6.5	ng	626956	4	11.10	1918830	20.0
Cyclopenta[cd]pyrene	14.42	6.6	ng	1517370	5	14.74	4610970	20.0
Benzo[b]triphenylene	17.13	6.1	ng	364314	6	16.80	1198490	20.0
unknown17.37	17.37	9.0	ng	538687	6	16.80	1198490	20.0
unknown17.93	17.93	12.2	ng	730763	6	16.80	1198490	20.0
Dibenz(a,e)aceant...	20.43	15.5	ng	930411	6	16.80	1198490	20.0
3,4:9,10-Dibenzop...	20.58	8.7	ng	521790	6	16.80	1198490	20.0
1,2:3,4-Dibenzopy...	20.65	8.2	ng	489395	6	16.80	1198490	20.0
Coronene	20.83	11.7	ng	702837	6	16.80	1198490	20.0