

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086113.D
 Acq On : 6 Apr 2016 22:27
 Operator : UM/SJ
 Sample : H2074-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

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-BF040216.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	2.418	28	29	31	rVB2	901706	1144198	12.88%	0.635%
2	2.533	34	39	40	rBV4	374874	1307130	14.71%	0.725%
3	2.978	76	78	81	rBV3	485852	1374696	15.47%	0.762%
4	3.024	81	82	86	rBV4	294264	892907	10.05%	0.495%
5	3.207	96	98	99	rBV	519782	863031	9.71%	0.479%
6	3.573	127	130	132	rBV3	308818	927769	10.44%	0.515%
7	4.041	167	171	173	rBV3	601783	1773188	19.95%	0.983%
8	4.133	176	179	181	rVV4	1578249	2995160	33.70%	1.661%
9	4.167	181	182	185	rVV3	902226	1351172	15.20%	0.749%
10	4.258	188	190	192	rVB	1036175	942792	10.61%	0.523%
11	4.441	202	206	207	rBV3	628578	968052	10.89%	0.537%
12	4.476	207	209	213	rVB4	549952	1111387	12.51%	0.616%
13	4.601	216	220	222	rBV5	986288	2271251	25.56%	1.260%
14	4.658	222	225	227	rBV4	625928	1304767	14.68%	0.724%
15	4.876	242	244	246	rBV3	891029	1755958	19.76%	0.974%
16	5.013	251	256	259	rBV7	805775	2766750	31.13%	1.534%
17	5.093	259	263	266	rBV6	612021	2326685	26.18%	1.290%
18	5.344	283	285	287	rVB	2141150	2530228	28.47%	1.403%
19	6.099	348	351	353	rVV3	713023	1630490	18.35%	0.904%
20	6.133	353	354	357	rVB3	581174	816678	9.19%	0.453%
21	6.396	374	377	379	rBV	2192983	2615639	29.43%	1.451%
22	6.510	384	387	389	rBV	2381863	3590096	40.40%	1.991%
23	6.899	418	421	423	rBV	2372249	2104479	23.68%	1.167%
24	7.310	454	457	460	rVV	1490006	1548655	17.43%	0.859%
25	8.030	517	520	522	rBV	909002	886752	9.98%	0.492%
26	9.105	611	614	617	rBV	2752382	2505141	28.19%	1.389%
27	9.779	670	673	675	rVV	892015	844063	9.50%	0.468%
28	10.568	740	742	745	rBV	1229398	1244459	14.00%	0.690%
29	11.265	801	803	804	rBV	684141	805736	9.07%	0.447%
30	11.288	804	805	807	rVB	1443269	1053514	11.85%	0.584%
31	11.951	861	863	864	rBV	622984	1073537	12.08%	0.595%
32	12.236	886	888	889	rBV	475417	861940	9.70%	0.478%
33	12.316	892	895	896	rVV	518968	1137016	12.79%	0.631%
34	12.351	896	898	902	rVV3	613952	1341641	15.10%	0.744%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.476	907	909	911	rBV	2403944	2349244	26.44%	1.303%
36	12.534	911	914	915	rBV3	428395	878754	9.89%	0.487%
37	12.614	920	921	925	rVV3	554854	972050	10.94%	0.539%
38	12.705	925	929	930	rVB	1745808	2204338	24.80%	1.223%
39	12.762	930	934	937	rVB4	500707	1302306	14.65%	0.722%
40	12.842	937	941	944	rBV	1891616	3622881	40.77%	2.009%
41	12.934	947	949	952	rBV3	562751	1037107	11.67%	0.575%
42	13.002	952	955	958	rBV5	518505	1051786	11.84%	0.583%
43	13.071	958	961	962	rBV3	446849	837855	9.43%	0.465%
44	13.094	962	963	964	rVB	1155495	792092	8.91%	0.439%
45	13.174	964	970	973	rVB4	1054632	2847820	32.05%	1.579%
46	13.299	976	981	982	rBV3	808607	1692905	19.05%	0.939%
47	13.322	982	983	985	rVB2	1028936	1141458	12.84%	0.633%
48	13.414	988	991	994	rBV5	342754	888588	10.00%	0.493%
49	13.539	1001	1002	1004	rBV	1012596	1448690	16.30%	0.803%
50	13.654	1008	1012	1015	rBV2	1064569	2242005	25.23%	1.243%
51	13.699	1015	1016	1019	rVB2	728389	896364	10.09%	0.497%
52	13.814	1022	1026	1028	rVB3	910790	1750608	19.70%	0.971%
53	13.848	1028	1029	1030	rBV	889760	935428	10.53%	0.519%
54	13.894	1030	1033	1035	rVV2	1591806	3405585	38.32%	1.889%
55	13.951	1037	1038	1043	rVB5	927397	2038193	22.94%	1.130%
56	14.134	1052	1054	1056	rBV	377276	949481	10.68%	0.527%
57	14.408	1075	1078	1081	rVB5	715160	1952504	21.97%	1.083%
58	14.488	1081	1085	1087	rVB5	634341	1589267	17.88%	0.881%
59	14.557	1088	1091	1095	rBV5	562311	1340961	15.09%	0.744%
60	14.614	1095	1096	1100	rBV4	531087	1252699	14.10%	0.695%
61	14.694	1100	1103	1105	rVB3	585938	1094044	12.31%	0.607%
62	14.762	1105	1109	1114	rBV8	635704	3068670	34.53%	1.702%
63	14.911	1120	1122	1125	rBV	1097448	1752417	19.72%	0.972%
64	15.151	1140	1143	1145	rBV3	789597	979438	11.02%	0.543%
65	15.197	1145	1147	1150	rVV	542473	1715896	19.31%	0.952%
66	15.254	1150	1152	1154	rVV	1657017	2523564	28.40%	1.400%
67	15.391	1160	1164	1170	rVB9	882691	2921837	32.88%	1.620%
68	15.700	1189	1191	1194	rBV4	630901	905290	10.19%	0.502%
69	16.008	1214	1218	1220	rBV5	515000	1142173	12.85%	0.633%
70	16.077	1222	1224	1225	rBV2	502614	913510	10.28%	0.507%
71	16.111	1225	1227	1228	rVB2	857747	1097162	12.35%	0.608%

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72	16.180	1231	1233	1235	rVB3	2482565	2676166	30.11%	1.484%
73	16.248	1235	1239	1240	rVB3	603019	1166908	13.13%	0.647%
74	16.282	1240	1242	1243	rBV2	721337	1389172	15.63%	0.770%
75	16.317	1243	1245	1248	rVB3	786005	1252638	14.10%	0.695%
76	16.454	1254	1257	1259	rBV3	408543	915618	10.30%	0.508%
77	16.500	1259	1261	1263	rBV3	1335346	1651750	18.59%	0.916%
78	16.660	1272	1275	1276	rBV	761180	1458626	16.41%	0.809%
79	16.694	1276	1278	1279	rVV	1492108	1819902	20.48%	1.009%
80	16.740	1279	1282	1288	rVV8	1534802	3790139	42.65%	2.102%
81	16.831	1288	1290	1294	rVB4	564245	1352629	15.22%	0.750%
82	17.048	1307	1309	1315	rVB2	1019793	2032346	22.87%	1.127%
83	17.220	1321	1324	1327	rBV3	669143	1377232	15.50%	0.764%
84	17.277	1327	1329	1333	rVB5	813080	2053809	23.11%	1.139%
85	17.368	1333	1337	1338	rBV4	678738	1632448	18.37%	0.905%
86	17.517	1348	1350	1351	rBV	895456	1289485	14.51%	0.715%
87	17.551	1351	1353	1356	rVV3	1548614	3209416	36.11%	1.780%
88	17.631	1356	1360	1365	rVB7	1445357	3671551	41.32%	2.036%
89	17.746	1365	1370	1373	rBV4	671159	1802429	20.28%	1.000%
90	17.814	1373	1376	1379	rVB4	862207	1616026	18.18%	0.896%
91	17.906	1379	1384	1385	rBV4	1126628	2377316	26.75%	1.318%
92	17.940	1385	1387	1391	rVB4	2023285	3371687	37.94%	1.870%
93	17.997	1391	1392	1394	rBV2	1223291	2023525	22.77%	1.122%
94	18.031	1394	1395	1401	rVB6	1206710	3841146	43.22%	2.130%
95	18.123	1401	1403	1405	rBV2	622936	1661605	18.70%	0.922%
96	18.260	1413	1415	1417	rVB3	787576	857839	9.65%	0.476%
97	18.328	1418	1421	1423	rBV4	414526	933588	10.51%	0.518%
98	18.694	1448	1453	1459	rBV8	1049016	5962168	67.09%	3.307%
99	18.934	1471	1474	1475	rBV2	787033	2035792	22.91%	1.129%
100	19.483	1518	1522	1524	rVV4	3775914	8886723	100.00%	4.929%

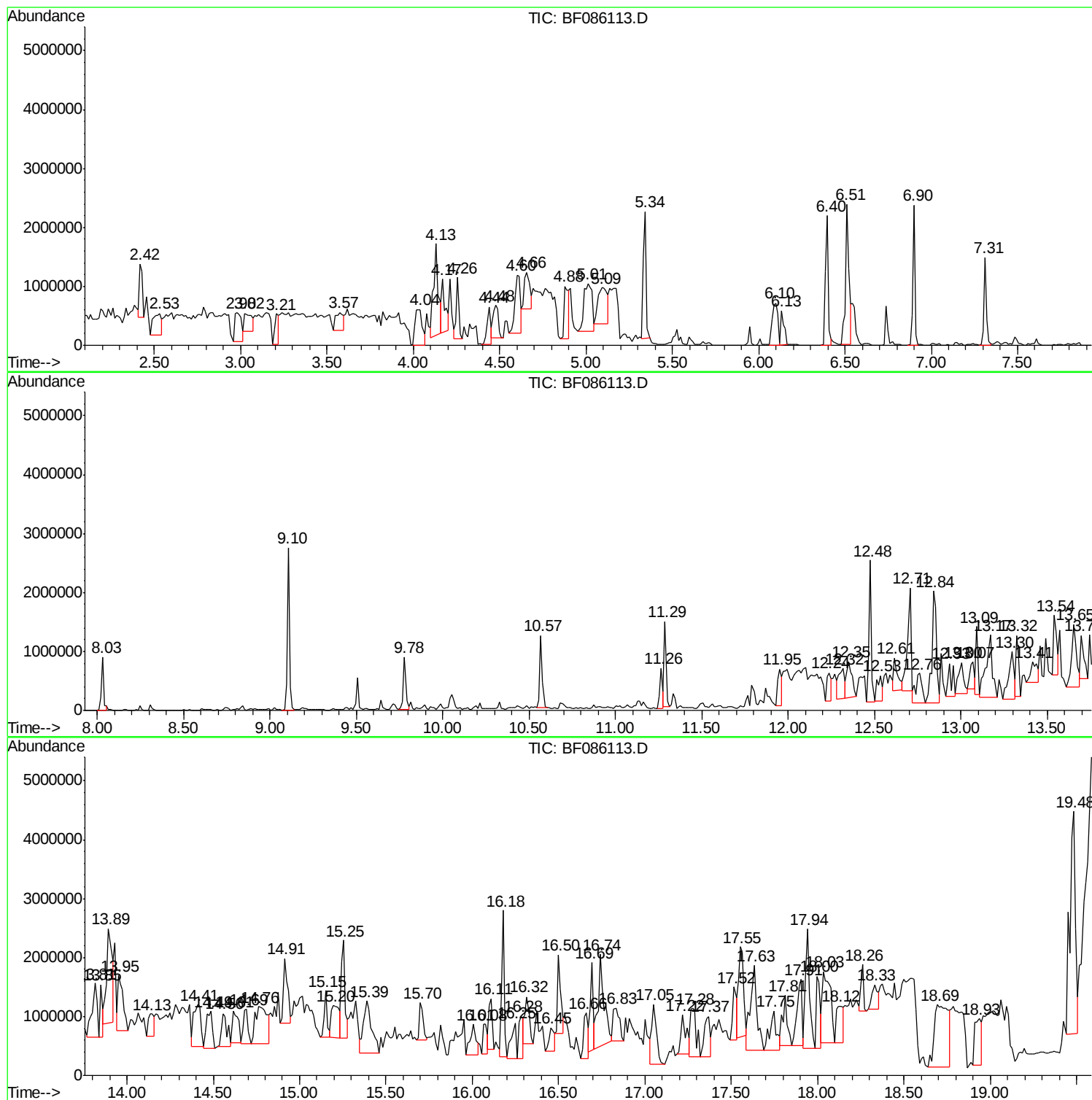
Sum of corrected areas: 180311606

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.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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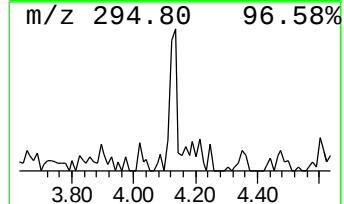
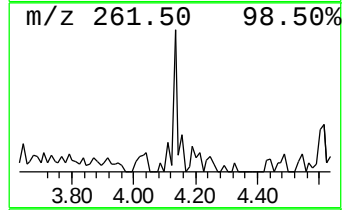
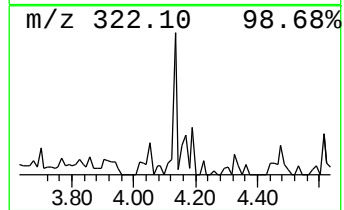
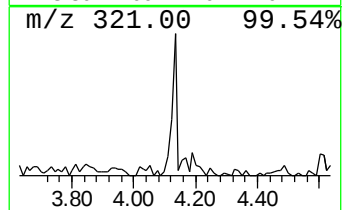
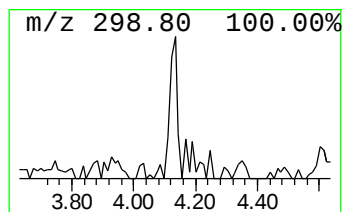
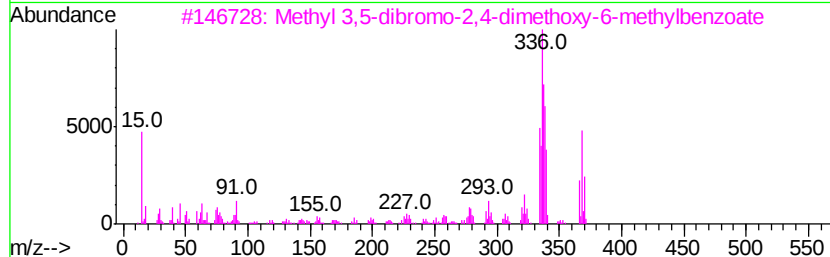
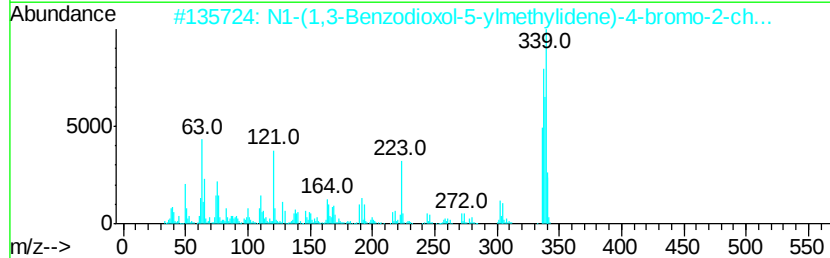
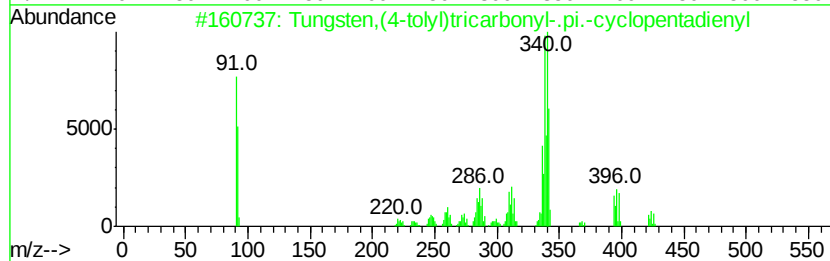
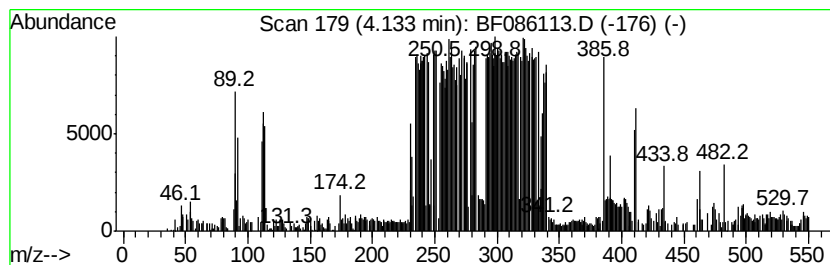
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.13 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	28.46 ng	2995160	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tungsten,(4-tolyl)tricarboxyl-.p...	424	C15H12O3W	082615-26-7	48
2		N1-(1,3-Benzodioxol-5-ylmethylid...	337	C14H9BrClN02	283155-34-0	46
3		Methyl 3,5-dibromo-2,4-dimethoxy...	366	C11H12Br2O4	150965-73-4	16
4		(2,3,4,5-Tetrachloro-2,4-cyclope...	334	C13H6Cl4O2	1000243-99-3	15
5		2',4,6-Trichloro-6'-phenyl-5,4'-...	336	C14H7Cl3N4	098792-93-9	14



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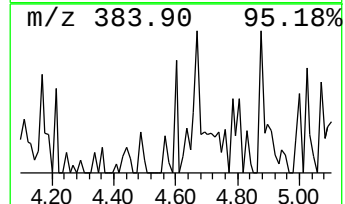
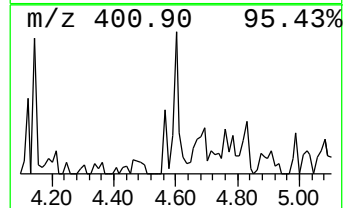
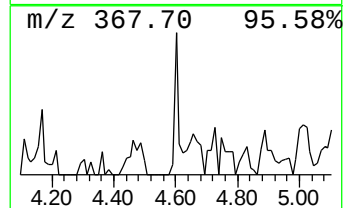
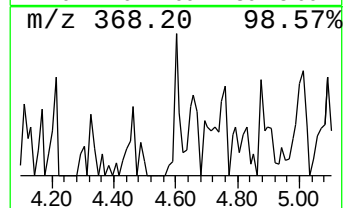
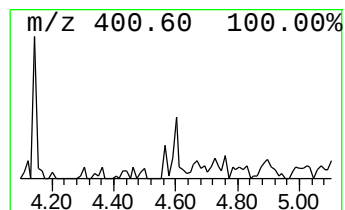
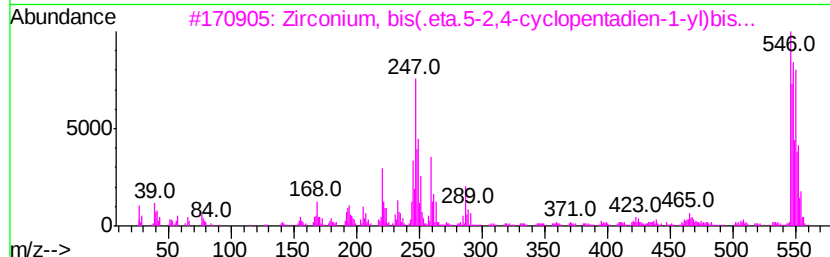
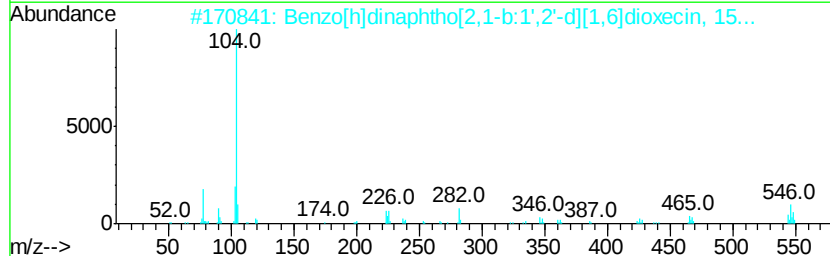
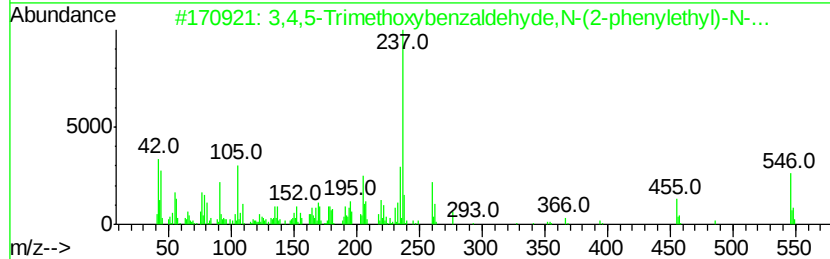
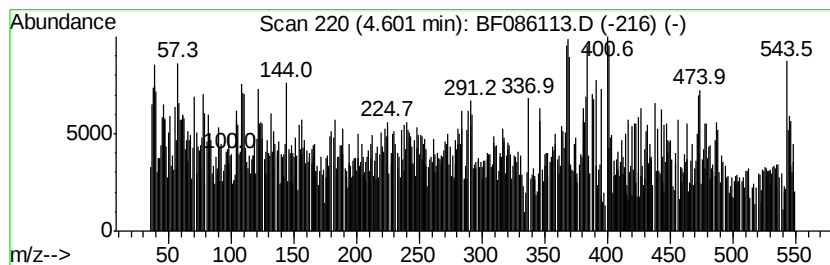
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown4.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	21.58 ng	2271250	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,5-Trimethoxybenzaldehyde, N-(...	546	C31H35ClN4O3	1000254-66-8	25		
2	Benzo[h]dinaphtho[2,1-b:1',2'-d]...	544	C28H18Br2O2	1000221-57-9	25		
3	Zirconium, bis(.eta.5-2,4-cyclop...	546	C28H30Zr2	119144-91-1	14		
4	Phenol, 4,4'-(1-methylethylidene...	540	C15H12Br4O2	000079-94-7	11		
5	2,4,6-Tri(4-bromophenyl)pyrimidine	542	C22H13Br3N2	1000070-62-6	10		



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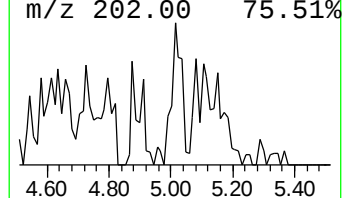
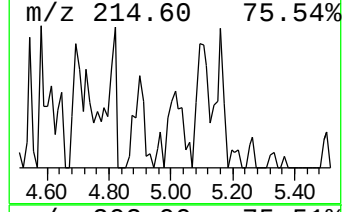
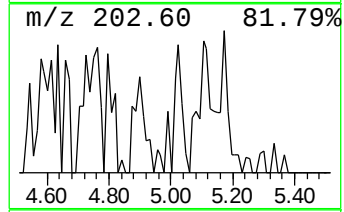
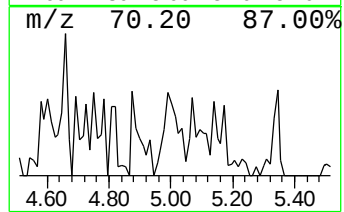
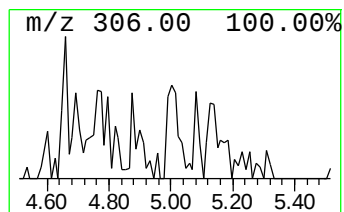
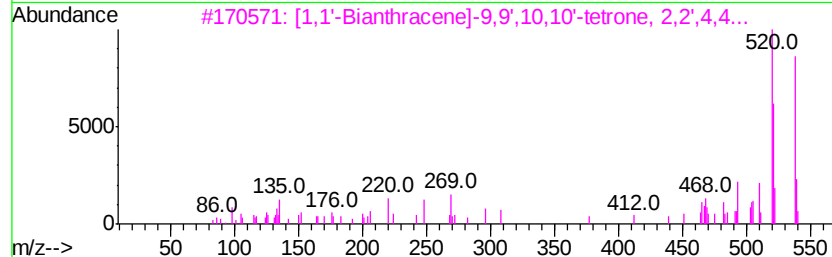
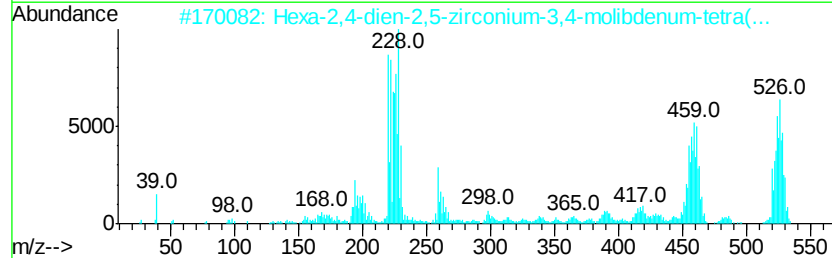
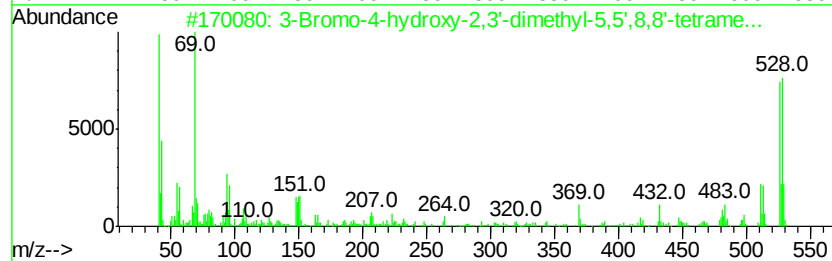
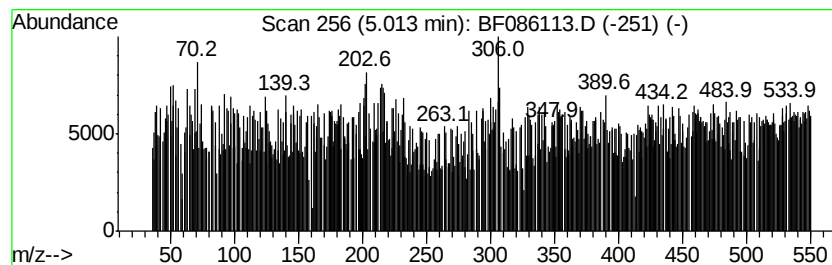
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TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Bromo-4-hydroxy-2,3'-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	26.29 ng	2766750	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Bromo-4-hydroxy-2,3'-dimethyl-...	526	C26H23BrO7	101459-34-1	55
2		Hexa-2,4-dien-2,5-zirconium-3,4-...	526	C26H26MoZr	1000154-45-6	15
3		[1,1'-Bianthracene]-9,9',10,10'-...	538	C30H18O10	000602-06-2	11
4		9,9'-Dichloro-7,7'-dihydro-7,7'-...	526	C34H16Cl2O2	024092-43-1	9
5		Tris(3-acetyltetramsaure)-gadolin...	704	C27H36GdN3O9	1000286-94-3	9



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Data File : BF086113.D
Acq On : 6 Apr 2016 22:27
Operator : UM/SJ
Sample : H2074-04
Misc :
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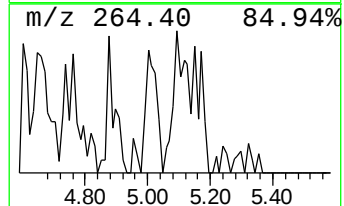
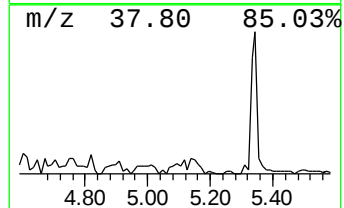
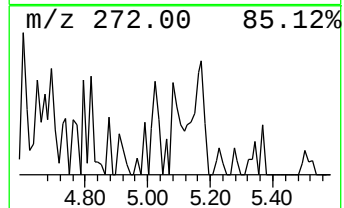
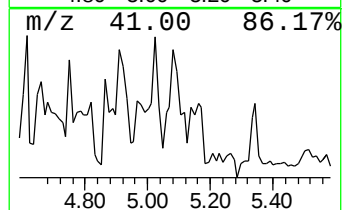
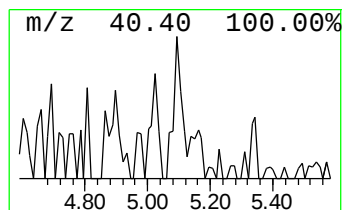
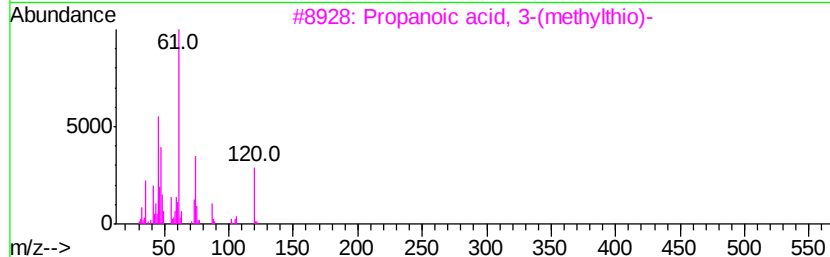
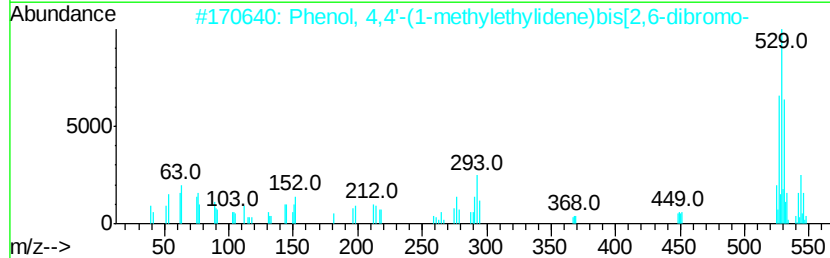
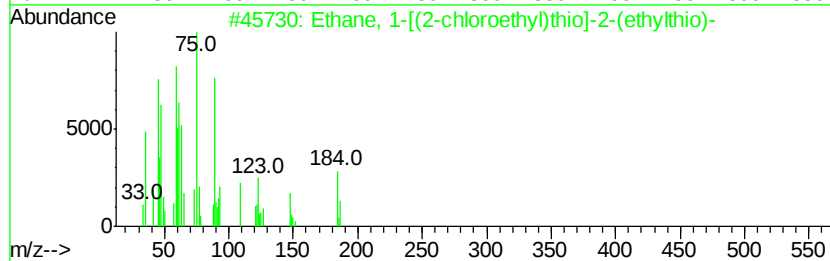
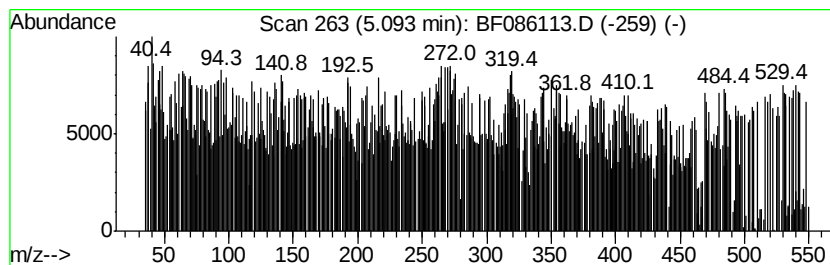
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	22.11 ng	2326690	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1-[(2-chloroethyl)thio]-...	184	C6H13ClS2	092569-22-7	25
2		Phenol, 4,4'-(1-methylethylidene)...	540	C15H12Br4O2	000079-94-7	15
3		Propanoic acid, 3-(methylthio)-	120	C4H8O2S	000646-01-5	11
4		Nickel[III] bis(0,0'-dibutylidithi...	540	C16H36NiO4P2S4	037913-22-7	11
5		Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
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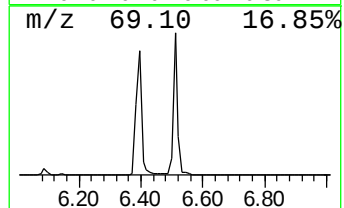
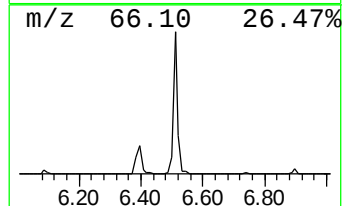
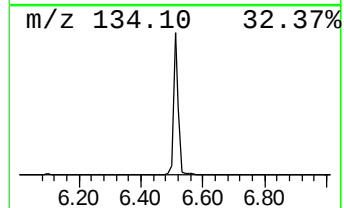
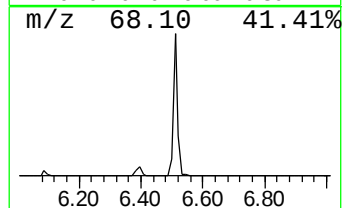
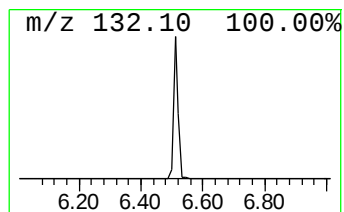
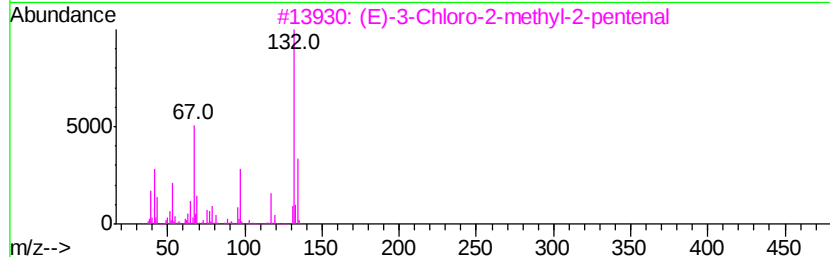
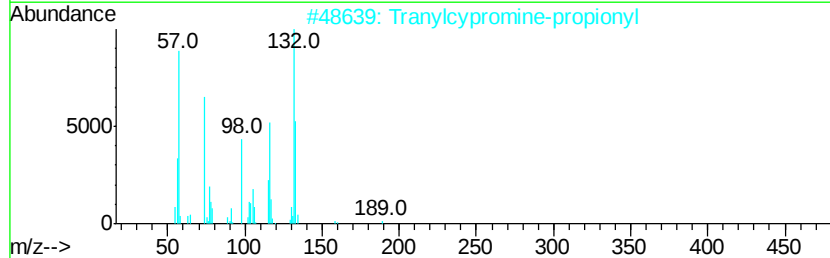
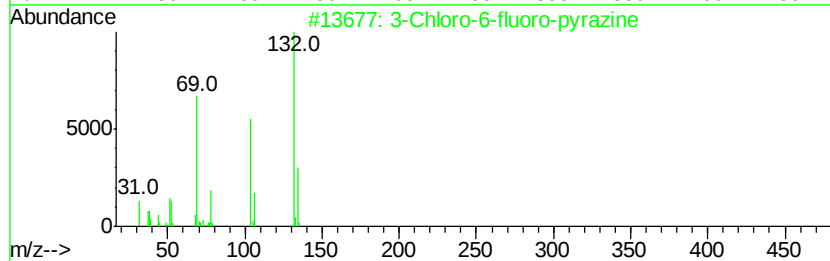
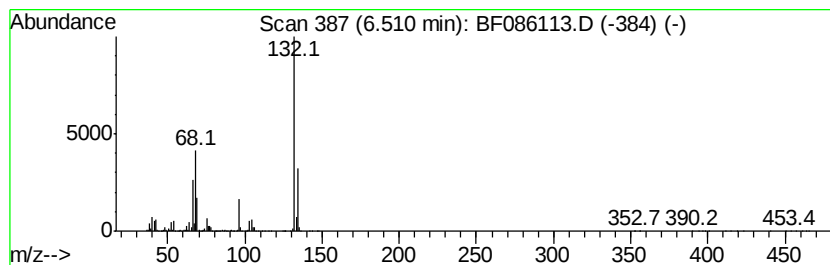
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	34.12 ng	3590100	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...			132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9



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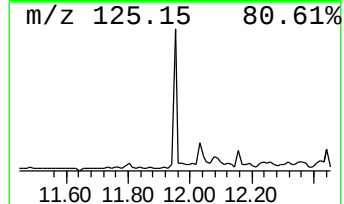
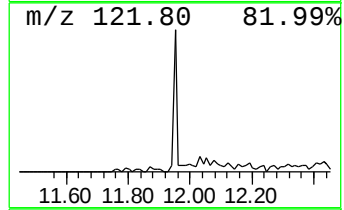
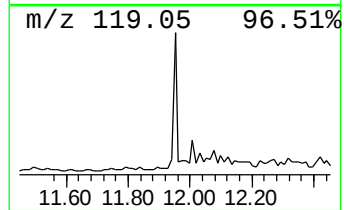
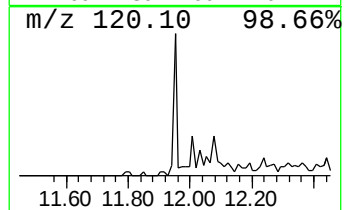
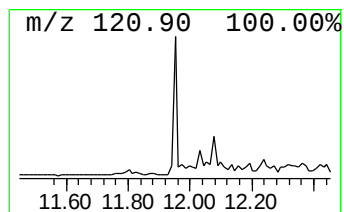
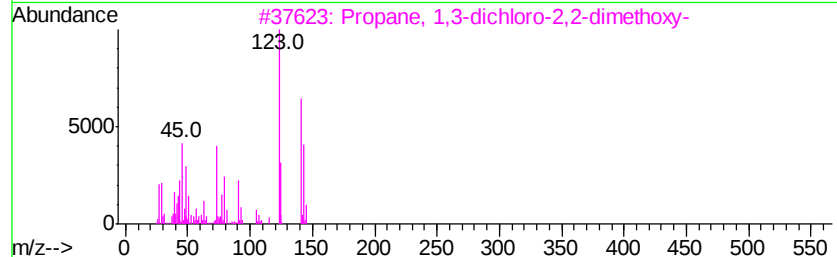
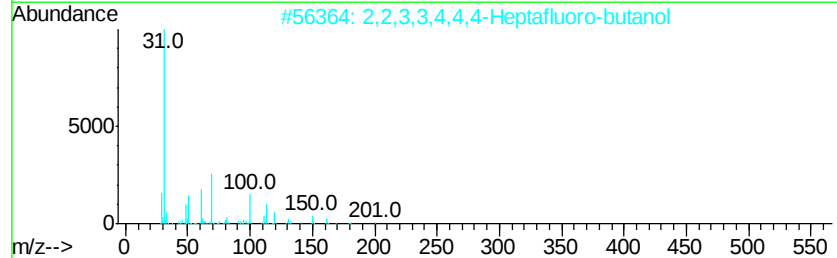
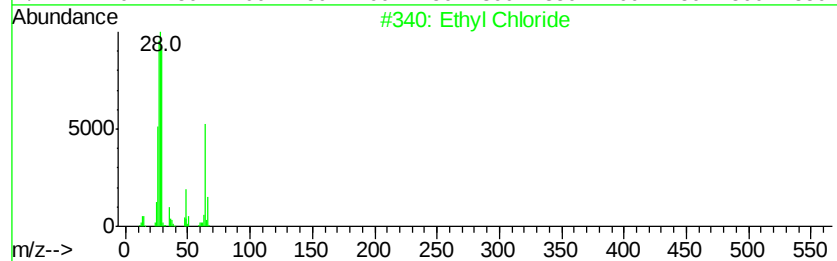
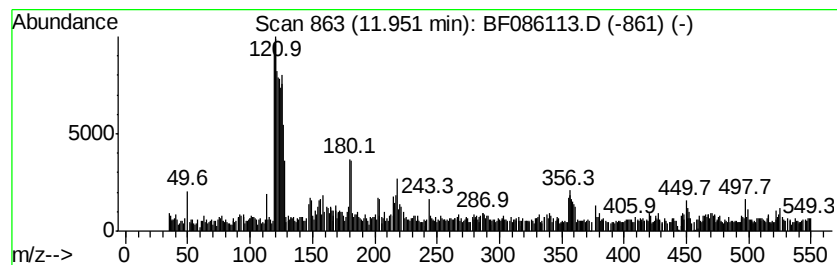
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	26.65 ng	1073540	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethyl Chloride	64	C2H5Cl	000075-00-3	25
2		2,2,3,3,4,4,4-Heptafluoro-butanol	200	C4H3F7O	000375-01-9	17
3		Propane, 1,3-dichloro-2,2-dimeth...	172	C5H10Cl2O2	006626-57-9	17
4		Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	17
5		p-Chloro-N-ethylbenzylamine	169	C9H12ClN	069957-83-1	17



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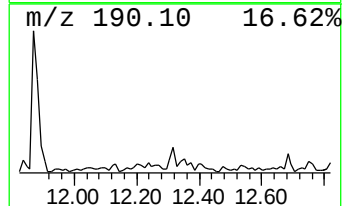
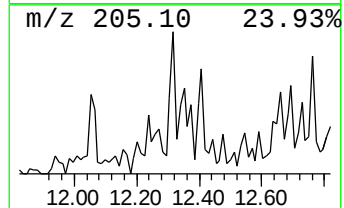
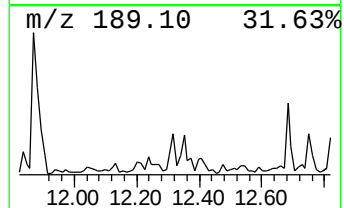
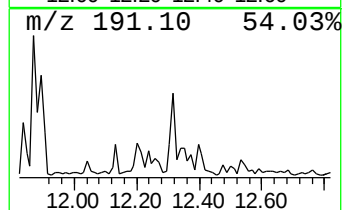
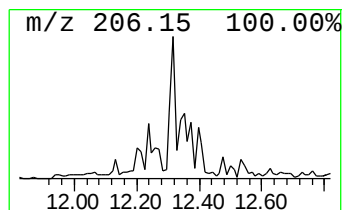
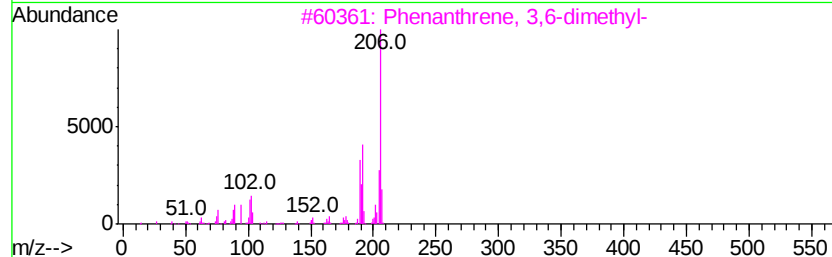
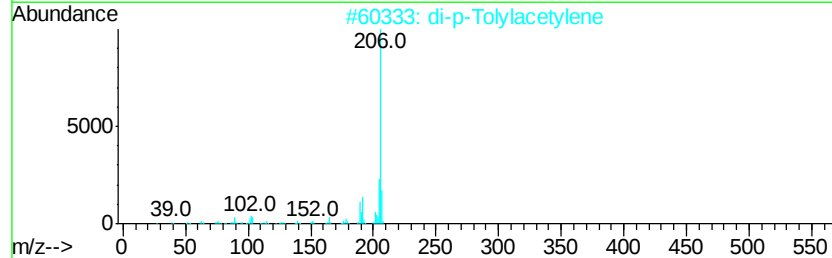
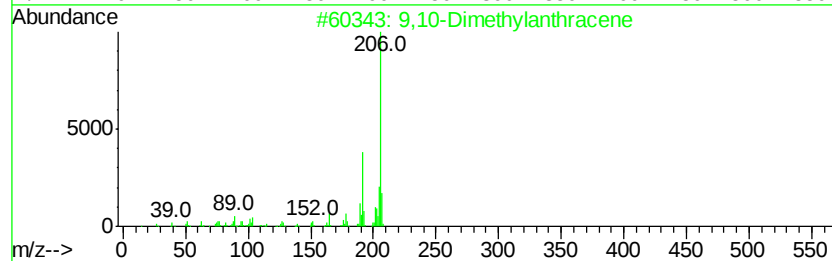
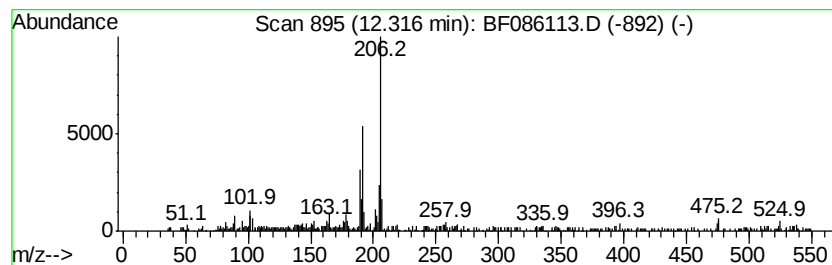
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	28.22 ng	1137020	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene			206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	92
4	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	90
5	Phenanthrene, 2,3-dimethyl-			206	C16H14	003674-65-5	90



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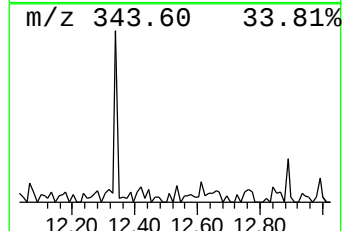
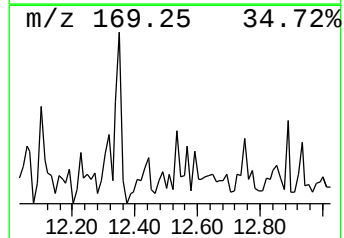
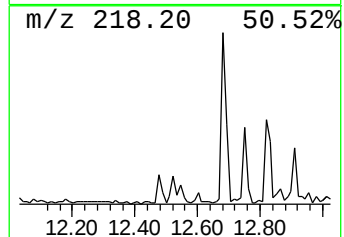
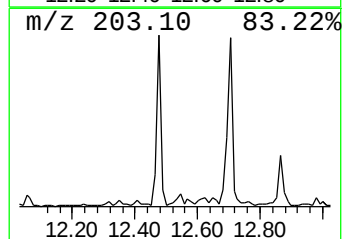
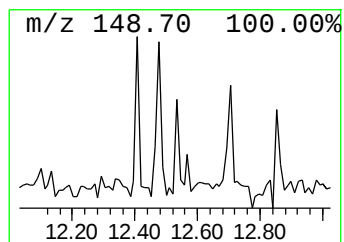
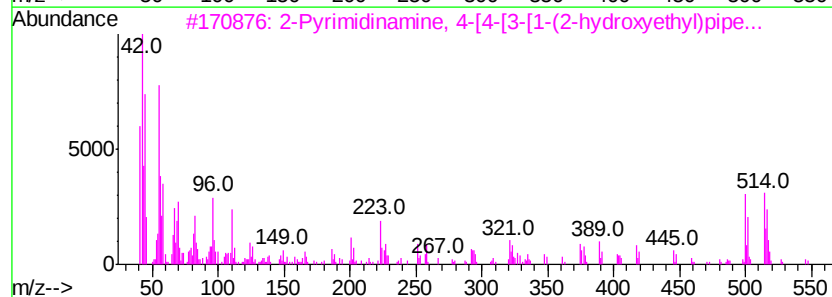
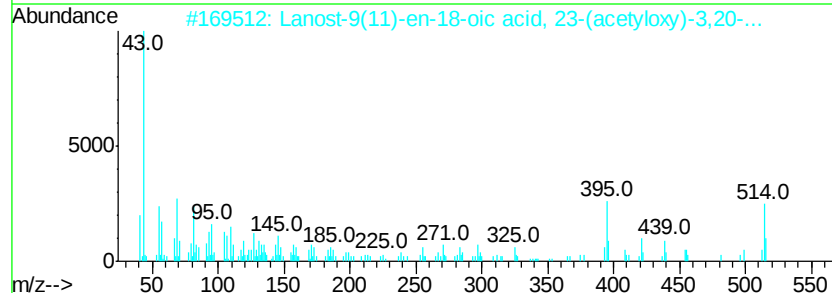
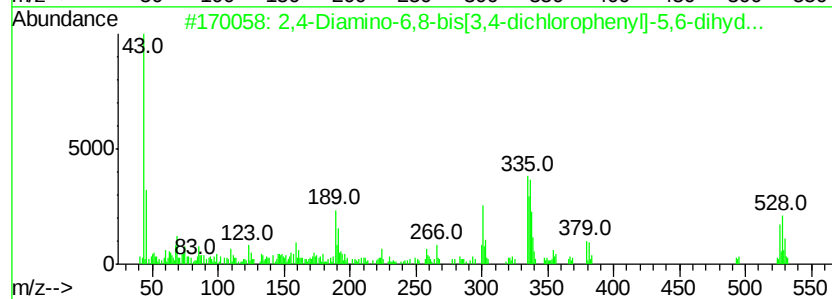
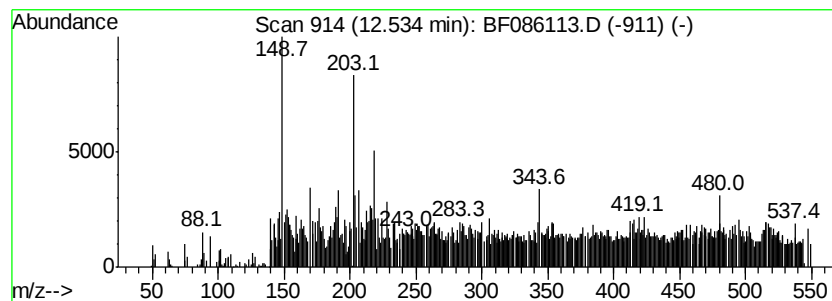
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.53 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	21.81 ng	878754	Phenanthrene-d10	11.26

Hit#	of	3	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6,8-bis[3,4-dichloro...	526	C21H14Cl4N4S2	1000251-74-1	25		
2	Lanost-9(11)-en-18-oic acid, 23-...	514	C32H50O5	036872-76-1	15		
3	2-Pyrimidinamine, 4-[4-[3-[1-(2-...	545	C27H37Cl2N7O	042389-10-6	7		



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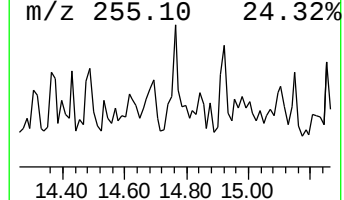
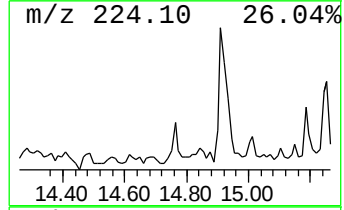
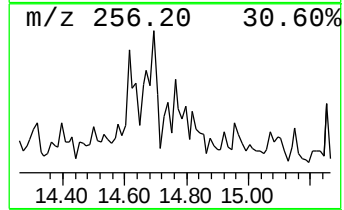
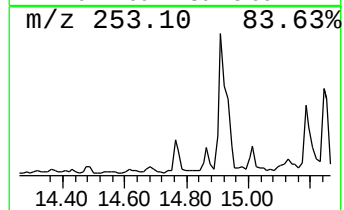
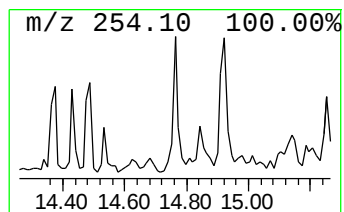
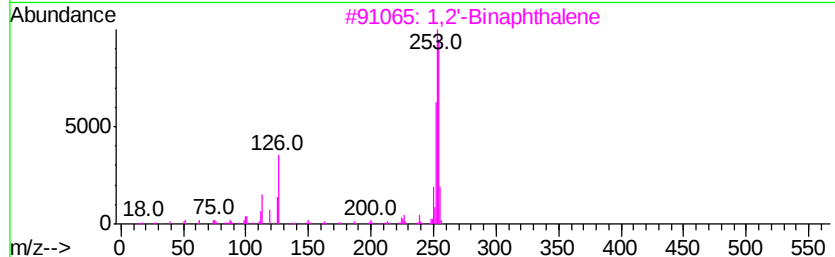
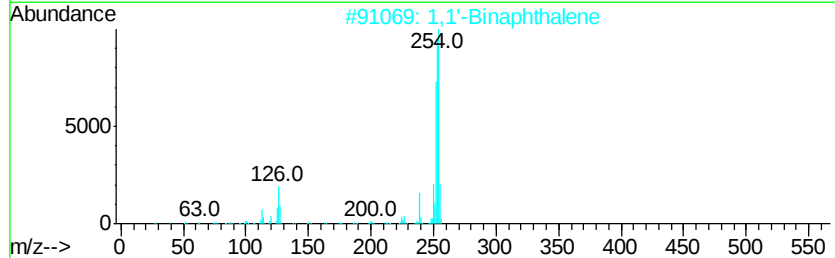
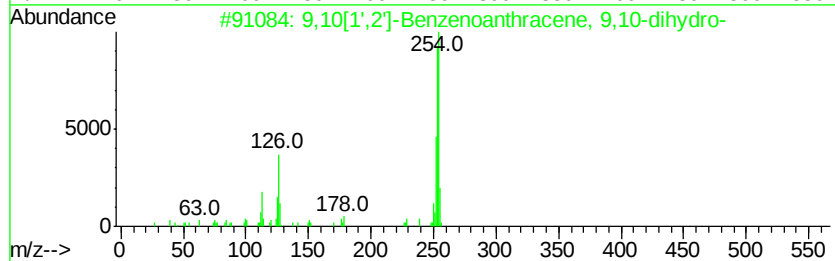
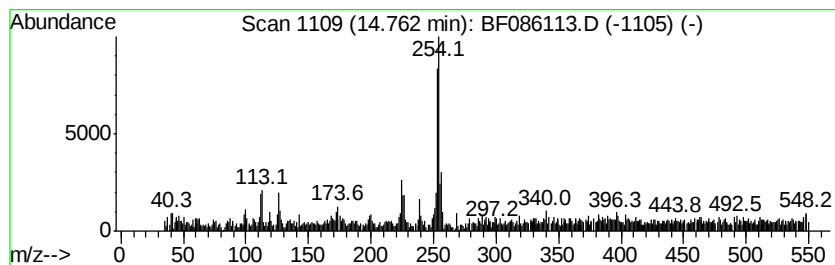
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9,10[1',2']-Benzenoanthracene... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	24.32 ng	3068670	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	83
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	83
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4		4-Hydroxy-2,7-diamino-6-phenylpt...	254	C12H10N6O	019375-89-4	58
5		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58



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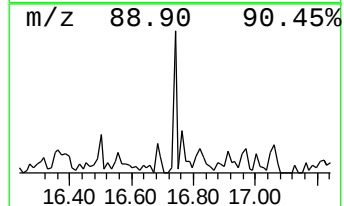
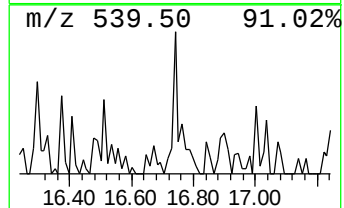
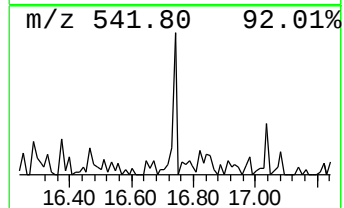
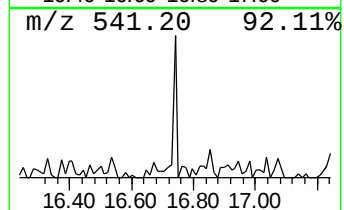
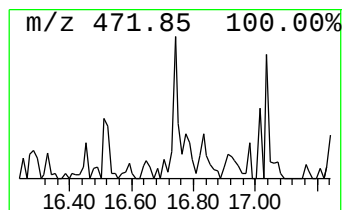
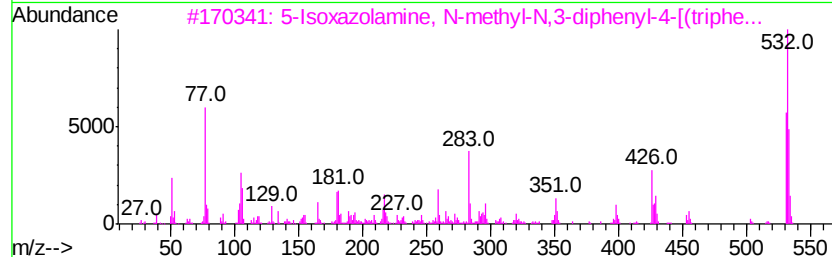
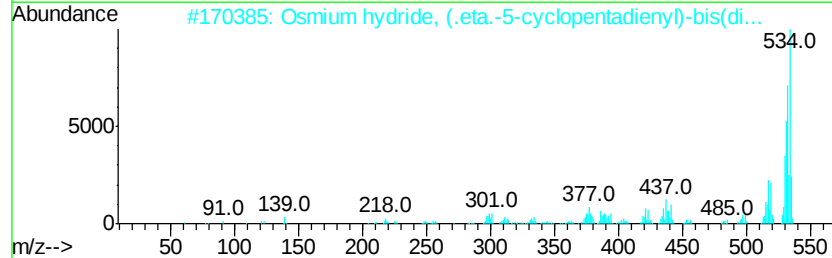
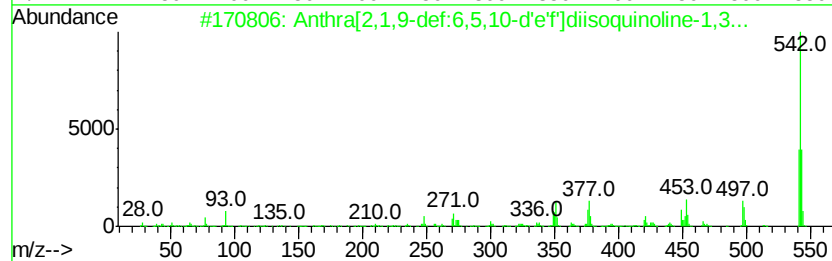
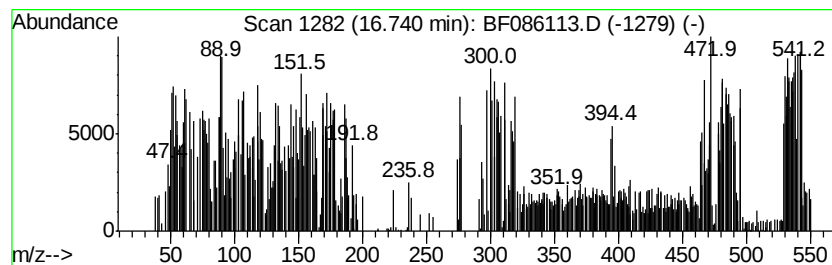
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.74 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	30.04 ng	3790140	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthra[2,1,9-def:6,5,10-d'e'f']d...	542	C36H18N2O4	000128-65-4	41
2		Osmium hydride, (.eta.-5-cyclope...	534	C21H28OsP2	1000158-66-2	25
3		5-Isoxazolamine, N-methyl-N,3-di...	532	C36H28N2OSi	135703-02-5	25
4		2,5,8,11,14,19,22,25,28,31-Decao...	536	C28H40O10	053914-95-7	11
5		Nickel, [2,8,12,18-tetraethyl-3,...	534	C32H36N4Ni	022925-21-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086113.D
Acq On : 6 Apr 2016 22:27
Operator : UM/SJ
Sample : H2074-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB03

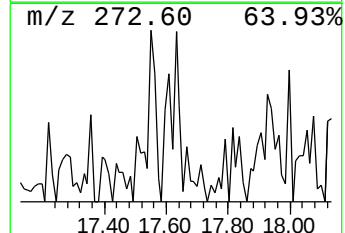
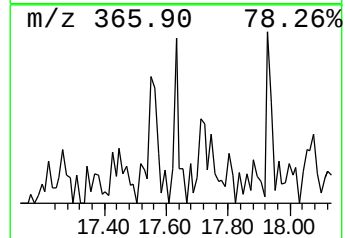
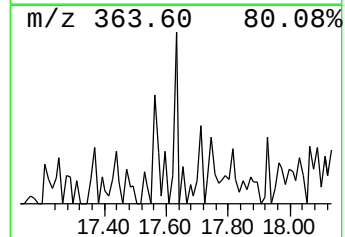
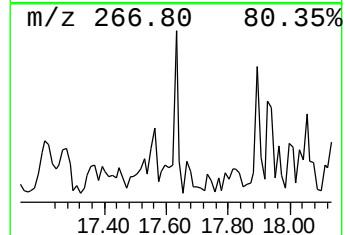
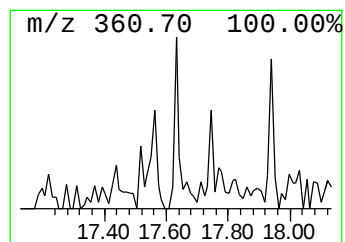
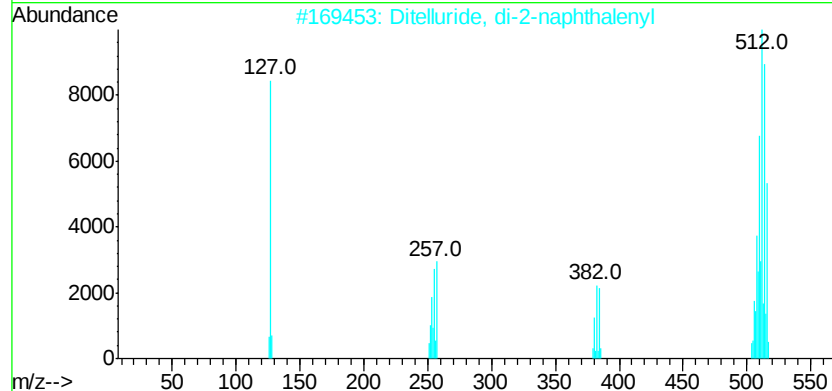
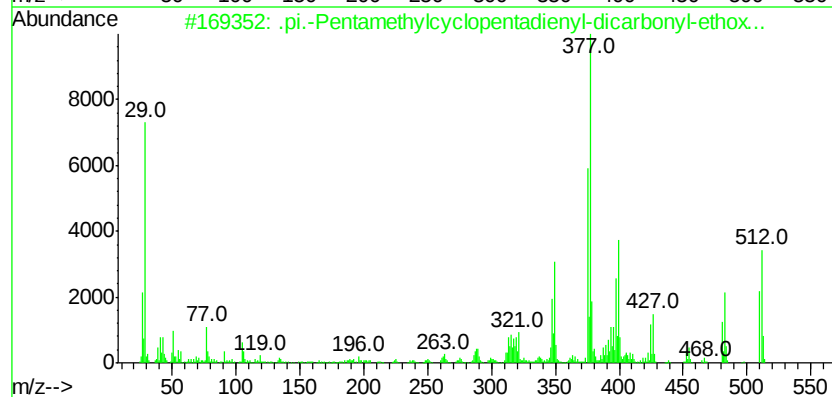
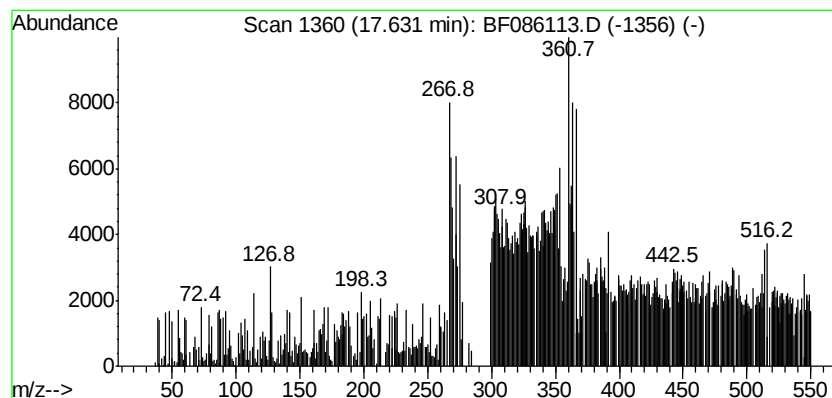
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.63 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	29.10 ng	3671550	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2	.pi.-Pentamethylcyclopentadienyl...	512	C21H25O3Re	1000287-47-5	25
2		Ditelluride, di-2-naphthalenyl	514	C20H14Te2	001666-12-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086113.D
Acq On : 6 Apr 2016 22:27
Operator : UM/SJ
Sample : H2074-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB03

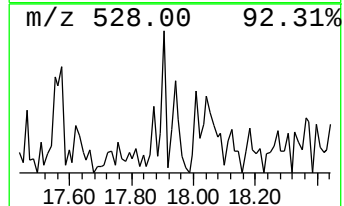
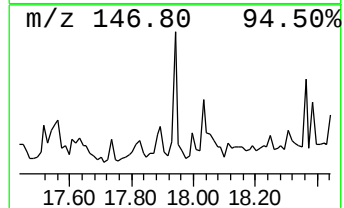
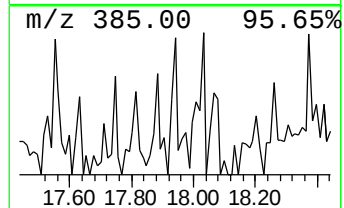
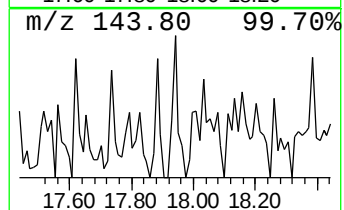
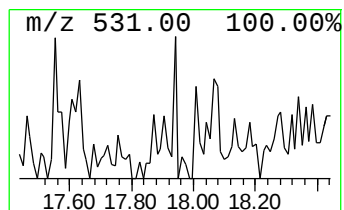
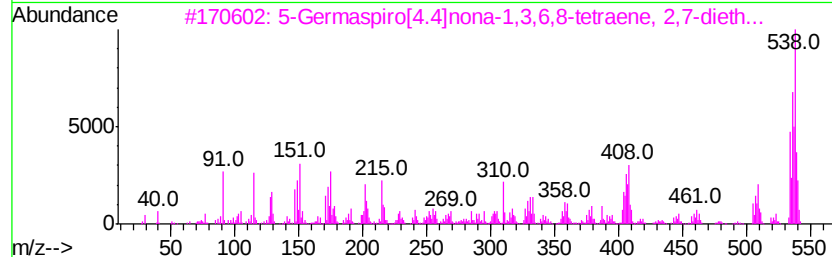
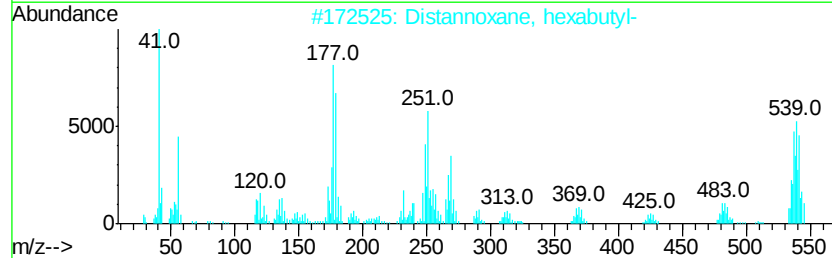
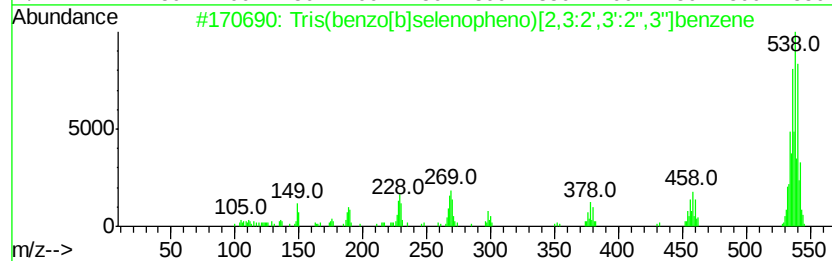
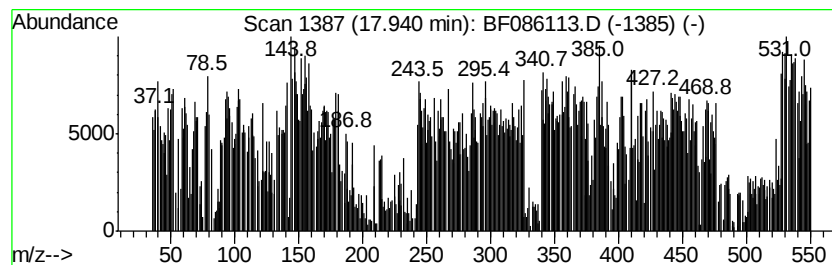
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	26.72 ng	3371690	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	25
2		Distannoxane, hexabutyl-	598	C24H54OSn2	000056-35-9	18
3		5-Germaspiro[4.4]nona-1,3,6,8-te...	538	C36H32Ge	150479-95-1	15
4		1,3,5-Triazine, 2-(4-chloropheny...	538	C15H7ClF12N4O2	1000270-66-8	11
5		Heptamethylethyloctasilsesquioxane	550	C9H26O12Si8	077626-17-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086113.D
Acq On : 6 Apr 2016 22:27
Operator : UM/SJ
Sample : H2074-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB03

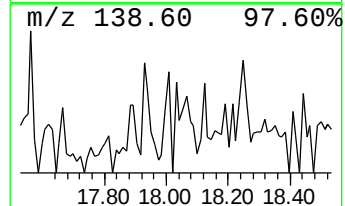
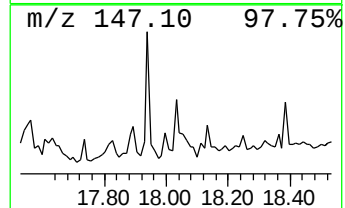
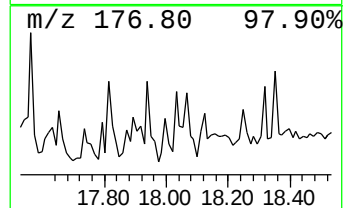
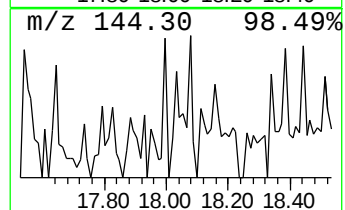
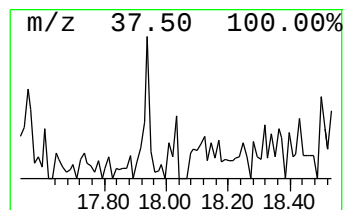
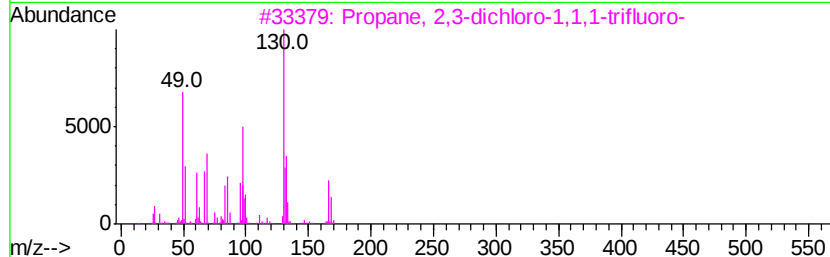
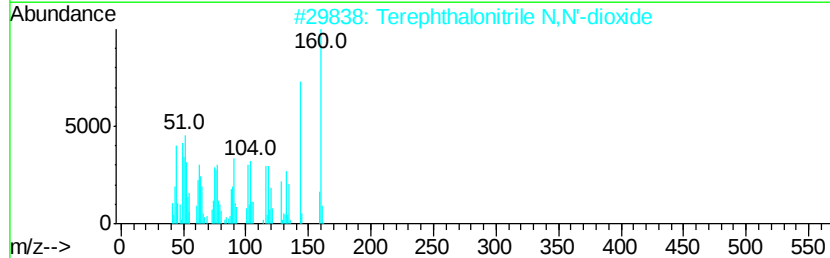
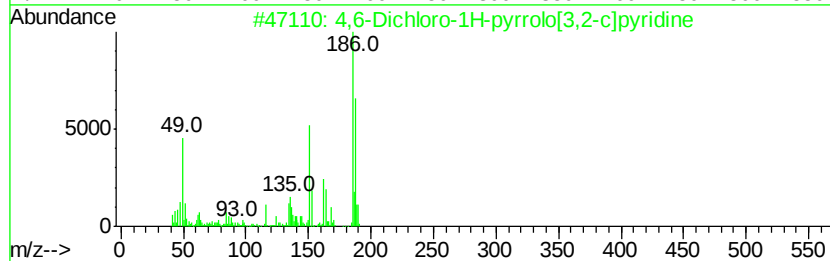
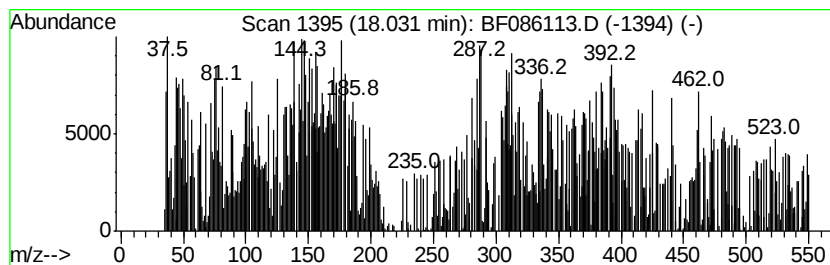
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	30.44 ng	3841150	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6-Dichloro-1H-pyrrolo[3,2-c]pv...	186	C7H4Cl2N2	067139-79-1	46
2		Terephthalonitrile N,N'-dioxide	160	C8H4N2O2	003729-34-8	46
3		Propane, 2,3-dichloro-1,1,1-trif...	166	C3H3Cl2F3	000338-75-0	38
4		(22R)-6.beta.,11.beta.,21-Trihyd...	446	C25H34O7	1000103-14-0	38
5		Propanenitrile, 2,2,3-trichloro-	157	C3H2Cl3N	000813-74-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086113.D
Acq On : 6 Apr 2016 22:27
Operator : UM/SJ
Sample : H2074-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

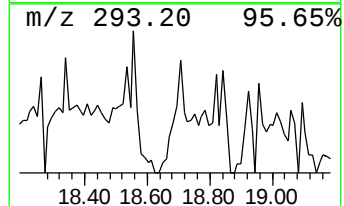
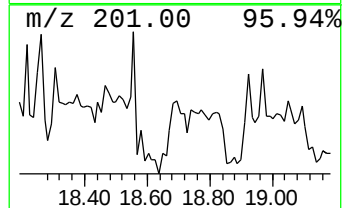
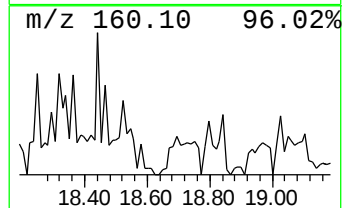
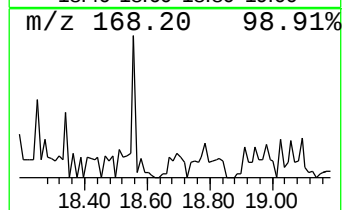
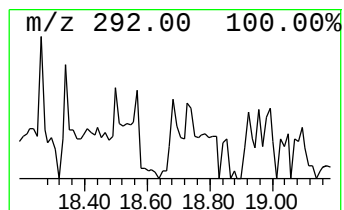
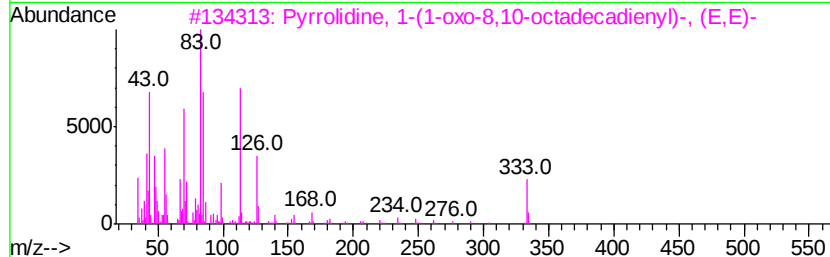
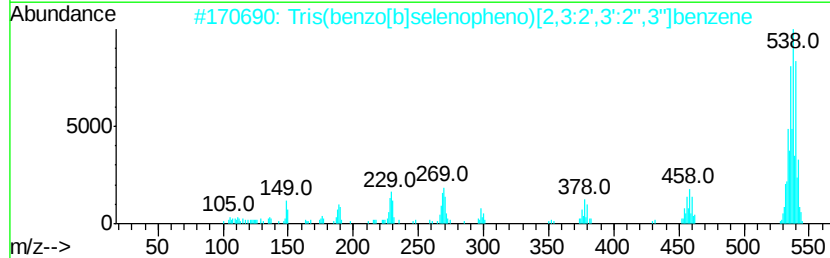
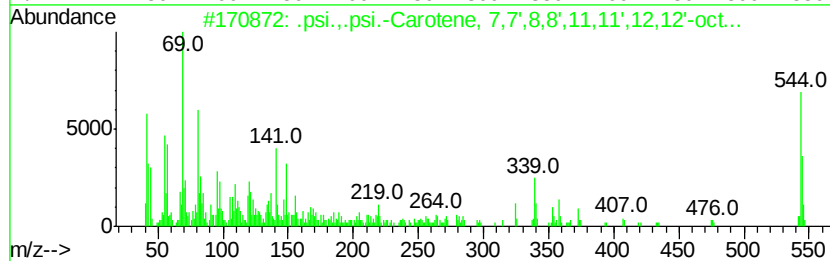
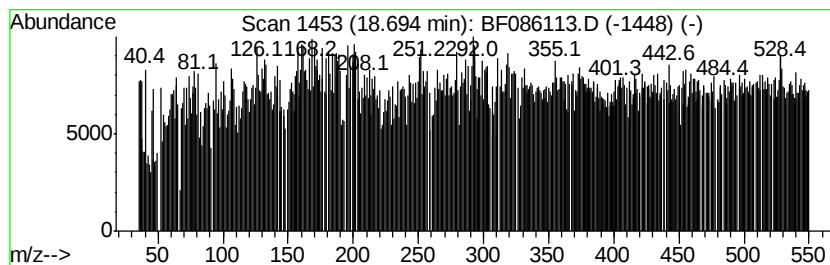
Instrument :
BNA_F
ClientSampleId :
SB03

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.			
18.69	47.25 ng	5962170	Perylene-d12	15.30			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.psi.,.psi.-Carotene, 7,7',8,8',...	545	C40H64	000540-04-5	45		
2	Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	40		
3	Pvrrolidine, 1-(1-oxo-8,10-octad...	333	C22H39NO	056666-47-8	35		
4	1,2,4-Oxadiazol-5(4H)-one, 3-(2,...	307	C13H7Cl2N3O2	288246-51-5	20		
5	2,4-Dichlorophenyl N-(1,2,2,2-te...	369	C9H5Cl6N02	090607-75-3	20		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086113.D
Acq On : 6 Apr 2016 22:27
Operator : UM/SJ
Sample : H2074-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB03

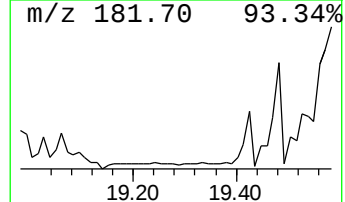
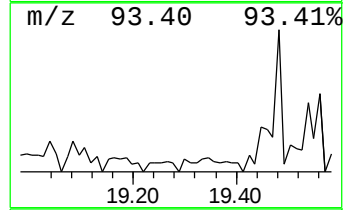
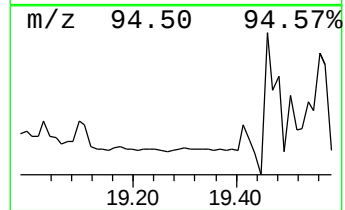
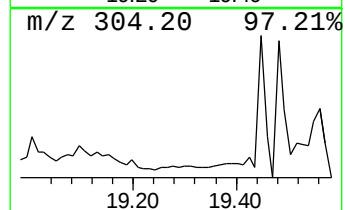
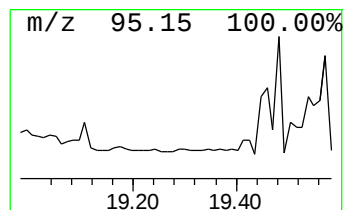
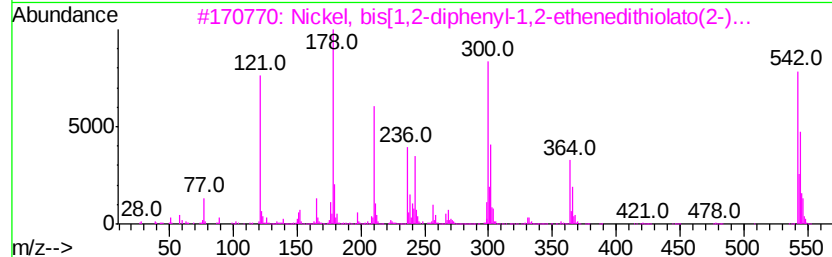
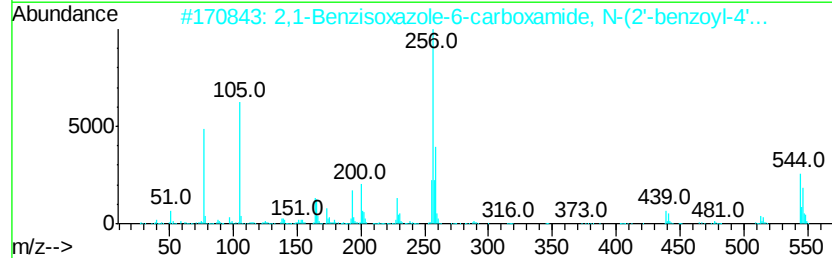
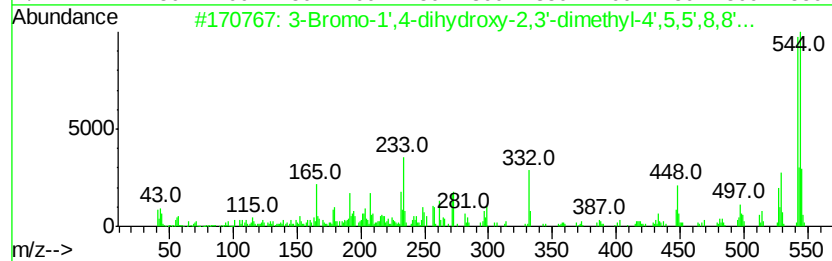
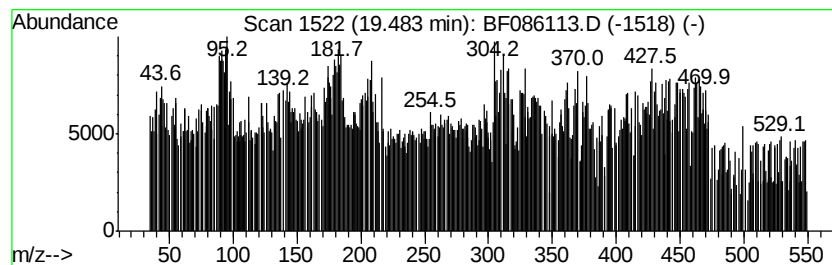
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	70.43 ng	8886720	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Bromo-1',4-dihydroxy-2,3'-dime...	542	C27H27BrO7	101459-33-0	25
2		2,1-Benzisoxazole-6-carboxamide,...	544	C29H18Cl2N2O5	1000164-69-9	25
3		Nickel, bis[1,2-diphenyl-1,2-eth...	542	C28H20NiS4	028984-20-5	25
4		Osmium methyl, (.eta.-5-cyclopen...	548	C22H30OsP2	1000158-92-4	25
5		N,5-Bis[3,4-dichlorophenyl]-3,5-...	540	C27H20Cl4N4	333399-40-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086113.D
 Acq On : 6 Apr 2016 22:27
 Operator : UM/SJ
 Sample : H2074-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
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unknown4.60	4.60	21.6	ng	2271250	1	6.74	2104480	20.0
3-Bromo-4-hydroxy...	5.01	26.3	ng	2766750	1	6.74	2104480	20.0
unknown5.09	5.09	22.1	ng	2326690	1	6.74	2104480	20.0
unknown6.51	6.51	34.1	ng	3590100	1	6.74	2104480	20.0
unknown11.95	11.95	26.6	ng	1073540	4	11.26	805736	20.0
9,10-Dimethylanth...	12.32	28.2	ng	1137020	4	11.26	805736	20.0
unknown12.53	12.53	21.8	ng	878754	4	11.26	805736	20.0
9,10[1',2']-Benze...	14.76	24.3	ng	3068670	6	15.30	2523560	20.0
unknown16.74	16.74	30.0	ng	3790140	6	15.30	2523560	20.0
unknown17.63	17.63	29.1	ng	3671550	6	15.30	2523560	20.0
unknown17.94	17.94	26.7	ng	3371690	6	15.30	2523560	20.0
unknown18.03	18.03	30.4	ng	3841150	6	15.30	2523560	20.0
unknown18.69	18.69	47.3	ng	5962170	6	15.30	2523560	20.0
unknown19.48	19.48	70.4	ng	8886720	6	15.30	2523560	20.0