

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080013.D
 Acq On : 17 Jun 2015 5:00
 Operator : TP/IZ
 Sample : G2649-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001

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-BF061115.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	4.516	122	125	128	rBV	24515	28053	1.51%	0.128%
2	5.567	215	217	220	rBV	409050	372276	20.01%	1.702%
3	5.956	249	251	254	rBV	958491	1085124	58.32%	4.960%
4	6.367	284	287	288	rBV	20550	27746	1.49%	0.127%
5	6.584	303	306	312	rBV	17320	26909	1.45%	0.123%
6	6.950	336	338	340	rBV	1539185	1213792	65.24%	5.549%
7	7.122	350	353	355	rBV	1072120	1184670	63.67%	5.416%
8	7.350	371	373	375	rVB	329128	274629	14.76%	1.255%
9	7.510	385	387	389	rBV	1216844	973878	52.34%	4.452%
10	7.910	419	422	424	rBV	701800	691352	37.16%	3.160%
11	8.642	484	486	489	rBV	453492	370389	19.91%	1.693%
12	9.716	578	580	582	rVB	1909563	1511789	81.26%	6.911%
13	10.105	612	614	615	rBV	164206	135043	7.26%	0.617%
14	10.276	627	629	631	rBV	45399	41163	2.21%	0.188%
15	10.413	639	641	643	rBV	485144	415725	22.34%	1.900%
16	10.825	673	677	680	rVB	19322	24051	1.29%	0.110%
17	10.962	688	689	693	rVB	23916	29504	1.59%	0.135%
18	11.202	708	710	713	rBV2	809597	931703	50.08%	4.259%
19	11.305	716	719	724	rVV2	16014	41303	2.22%	0.189%
20	11.511	732	737	739	rBV	15197	33702	1.81%	0.154%
21	11.751	757	758	760	rBV2	17932	20451	1.10%	0.093%
22	11.922	771	773	774	rBV	587219	491604	26.42%	2.247%
23	11.945	774	775	777	rVV	299624	259652	13.96%	1.187%
24	12.002	777	780	781	rVV	97661	86400	4.64%	0.395%
25	12.036	781	783	784	rVB2	14173	19524	1.05%	0.089%
26	12.151	792	793	796	rBV	16290	20625	1.11%	0.094%
27	12.448	817	819	820	rBV	91006	87579	4.71%	0.400%
28	12.471	820	821	824	rVV	83225	100299	5.39%	0.459%
29	12.528	824	826	827	rVV	34861	32515	1.75%	0.149%
30	12.562	827	829	833	rVB2	98888	193790	10.42%	0.886%
31	12.756	843	846	847	rBV	40610	40949	2.20%	0.187%
32	12.779	847	848	851	rVB2	22180	29926	1.61%	0.137%
33	12.916	858	860	862	rBV2	18001	28119	1.51%	0.129%
34	12.951	862	863	865	rVV	23656	35542	1.91%	0.162%

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35	13.042	869	871	872	rBV	72650	93554	5.03%	0.428%
36	13.076	872	874	877	rVV2	39150	89014	4.78%	0.407%
37	13.134	877	879	881	rVV	48149	68116	3.66%	0.311%
38	13.225	884	887	889	rVV	437095	525751	28.26%	2.403%
39	13.294	891	893	894	rVV2	36347	57118	3.07%	0.261%
40	13.328	894	896	897	rVV	29649	35674	1.92%	0.163%
41	13.396	900	902	906	rVV3	34211	76994	4.14%	0.352%
42	13.488	906	910	912	rVV	398248	648138	34.84%	2.963%
43	13.534	913	914	916	rVB	31742	37791	2.03%	0.173%
44	13.636	920	923	925	rVV	1583209	1860516	100.00%	8.505%
45	13.728	928	931	935	rBV3	47664	97354	5.23%	0.445%
46	13.854	938	942	946	rVB2	104085	189649	10.19%	0.867%
47	13.934	946	949	951	rBV	67843	82092	4.41%	0.375%
48	13.979	951	953	955	rBV2	88641	106092	5.70%	0.485%
49	14.094	961	963	965	rBV	72899	70912	3.81%	0.324%
50	14.128	965	966	973	rVB	57932	98762	5.31%	0.451%
51	14.299	980	981	983	rBV2	16288	24783	1.33%	0.113%
52	14.471	991	996	998	rBV2	42745	108688	5.84%	0.497%
53	14.551	1001	1003	1005	rVV	18173	30059	1.62%	0.137%
54	14.608	1005	1008	1010	rVV2	43526	89363	4.80%	0.409%
55	14.642	1010	1011	1013	rVV	33964	40278	2.16%	0.184%
56	14.711	1013	1017	1022	rVV4	224245	439734	23.64%	2.010%
57	14.791	1022	1024	1026	rVB2	42357	54918	2.95%	0.251%
58	14.928	1031	1036	1038	rVV2	608457	1030303	55.38%	4.710%
59	14.962	1038	1039	1044	rVB	235304	230263	12.38%	1.053%
60	15.065	1047	1048	1051	rBV	25198	33321	1.79%	0.152%
61	15.134	1052	1054	1059	rVB2	44179	88746	4.77%	0.406%
62	15.214	1059	1061	1064	rBV2	19777	30758	1.65%	0.141%
63	15.271	1064	1066	1067	rBV2	13931	21531	1.16%	0.098%
64	15.397	1075	1077	1078	rBV	21523	35747	1.92%	0.163%
65	15.442	1078	1081	1083	rVV	76360	127531	6.85%	0.583%
66	15.488	1083	1085	1087	rVV	50432	68742	3.69%	0.314%
67	15.557	1087	1091	1094	rVV3	216938	370296	19.90%	1.693%
68	15.614	1094	1096	1097	rVV2	57451	88419	4.75%	0.404%
69	15.694	1101	1103	1108	rVB5	24526	75120	4.04%	0.343%
70	15.968	1124	1127	1129	rBV3	33171	73114	3.93%	0.334%
71	16.071	1133	1136	1137	rBV2	40163	63070	3.39%	0.288%

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72	16.162	1142	1144	1148	rVB3	36329	66390	3.57%	0.303%
73	16.300	1153	1156	1163	rBV	183016	483545	25.99%	2.210%
74	16.414	1163	1166	1172	rVV2	123235	309839	16.65%	1.416%
75	16.688	1187	1190	1193	rVB	127350	181378	9.75%	0.829%
76	16.768	1194	1197	1201	rBV	148145	222201	11.94%	1.016%
77	16.848	1201	1204	1206	rBV	375078	548831	29.50%	2.509%
78	17.168	1230	1232	1234	rBV	41704	81575	4.38%	0.373%
79	17.305	1241	1244	1251	rVB7	36707	121479	6.53%	0.555%
80	17.488	1257	1260	1263	rBV	85670	176403	9.48%	0.806%
81	17.545	1263	1265	1271	rVB5	54808	147161	7.91%	0.673%
82	18.528	1347	1351	1358	rVB6	42064	115318	6.20%	0.527%
83	18.723	1365	1368	1375	rBV2	57957	175069	9.41%	0.800%
84	18.940	1383	1387	1388	rBV3	21111	55891	3.00%	0.255%
85	18.997	1389	1392	1399	rVB5	68693	226242	12.16%	1.034%
86	19.294	1414	1418	1422	rVB	50180	119517	6.42%	0.546%
87	19.523	1434	1438	1442	rBV3	75373	217402	11.69%	0.994%
88	19.637	1445	1448	1454	rVB6	48055	166102	8.93%	0.759%
89	19.957	1472	1476	1480	rBV5	62749	171871	9.24%	0.786%
90	20.574	1526	1530	1539	rVB9	28315	130023	6.99%	0.594%
91	20.860	1552	1555	1560	rVB6	14803	37082	1.99%	0.170%

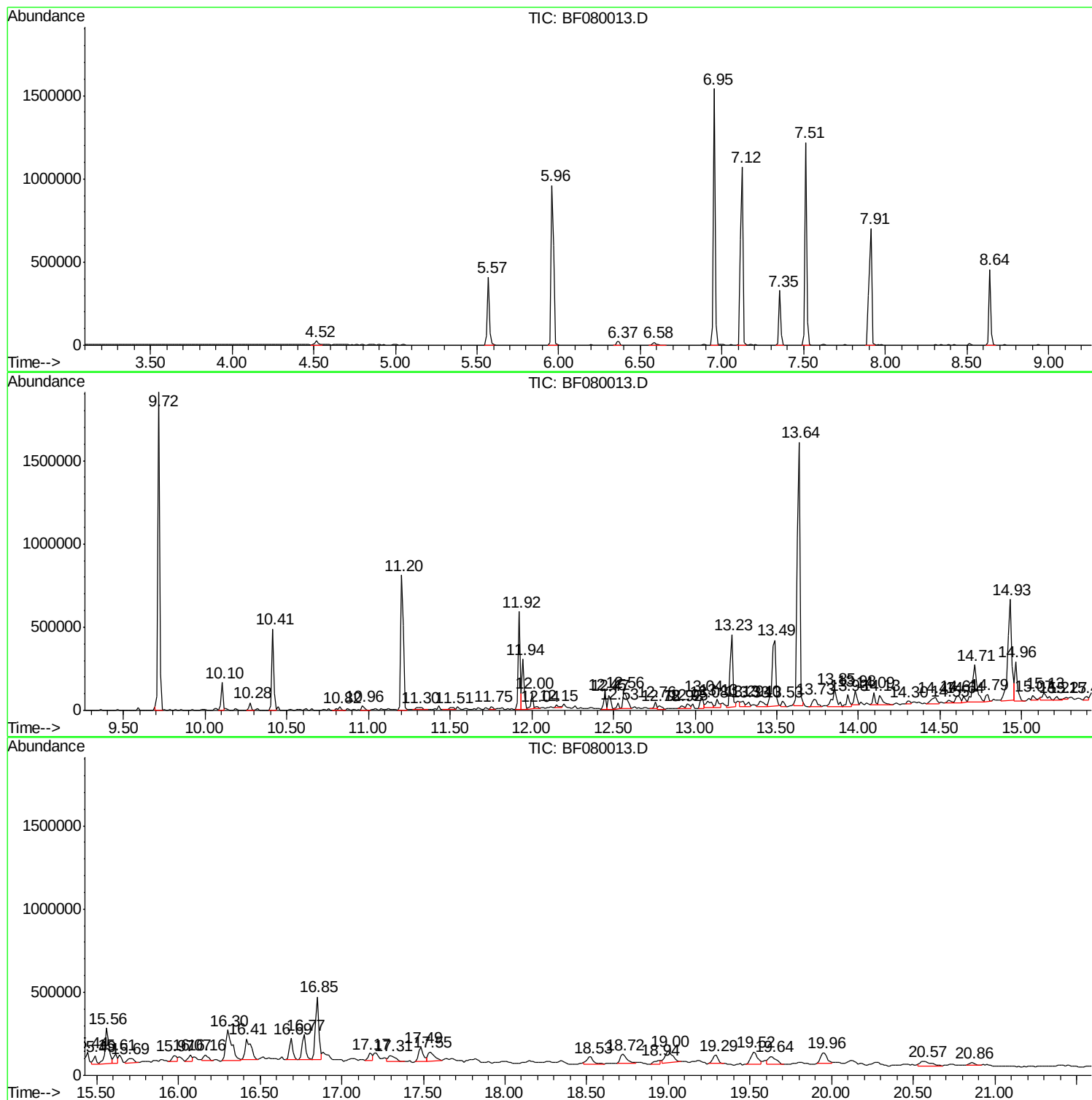
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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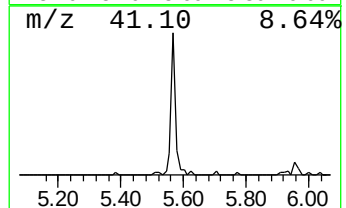
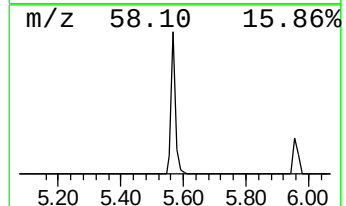
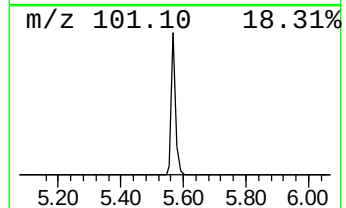
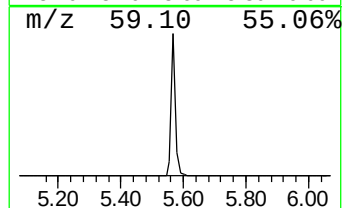
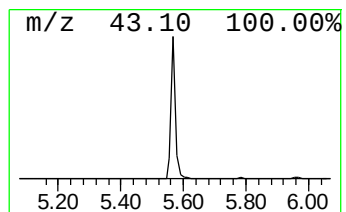
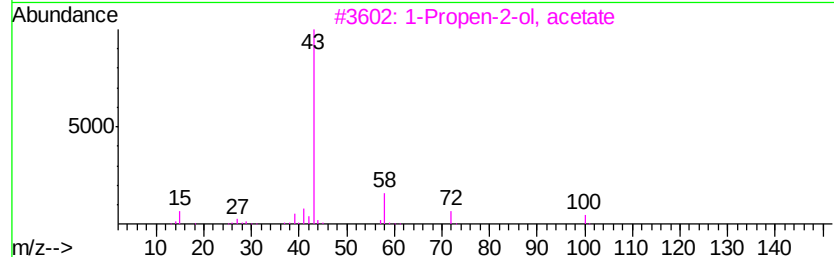
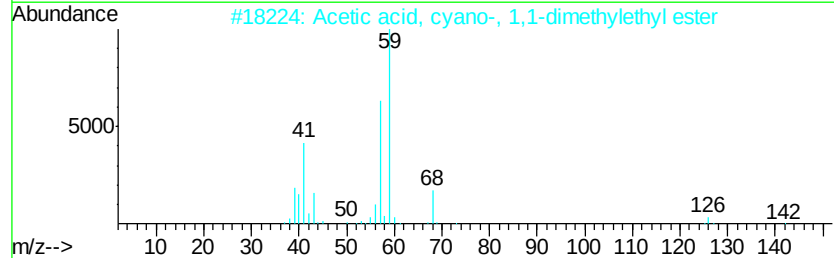
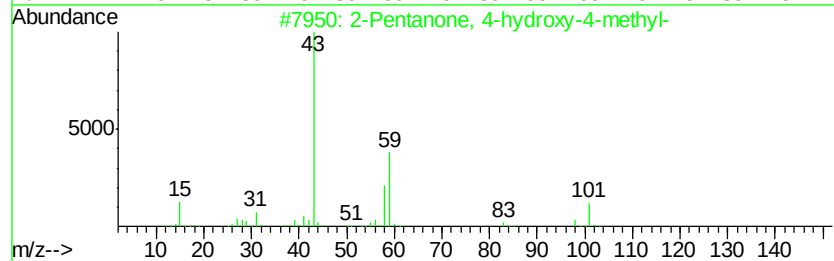
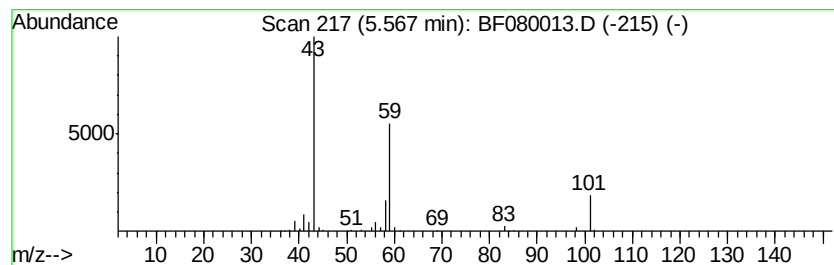
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	27.11 ng	372276	1,4-Dichlorobenzene-d4	7.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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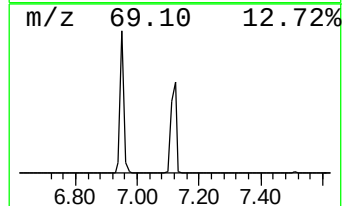
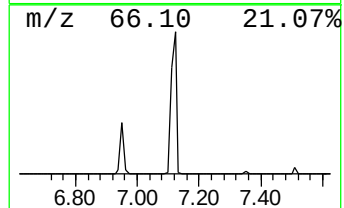
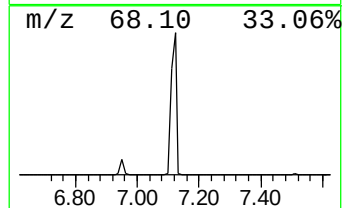
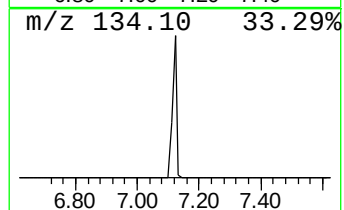
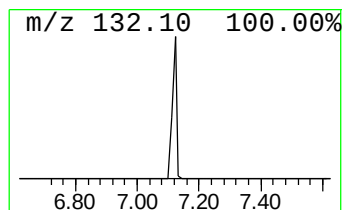
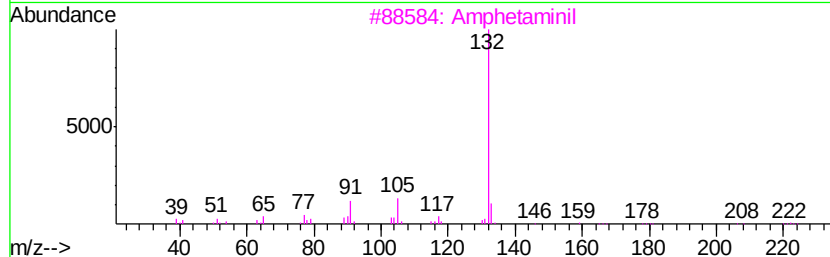
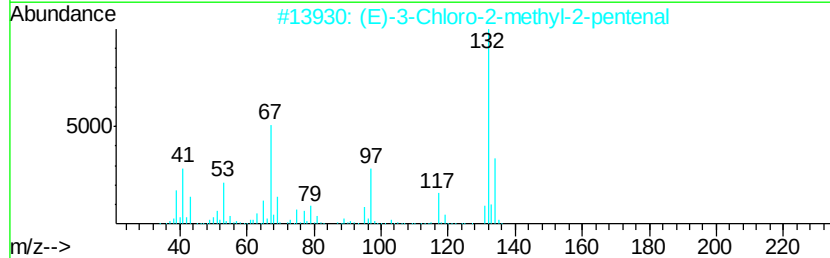
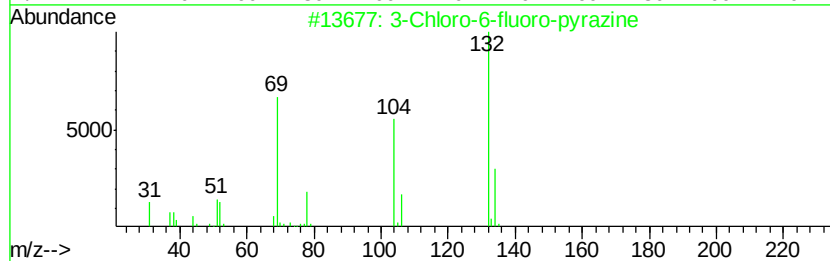
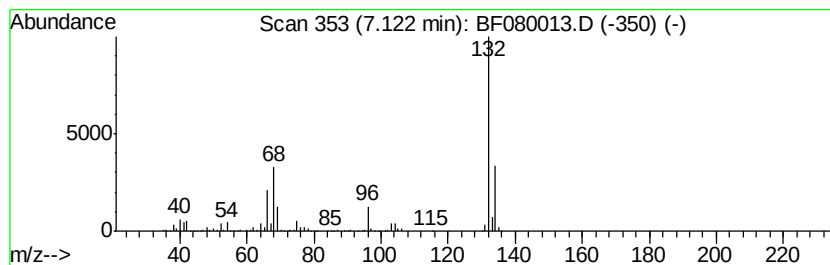
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	86.27 ng	1184670	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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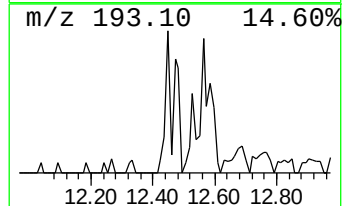
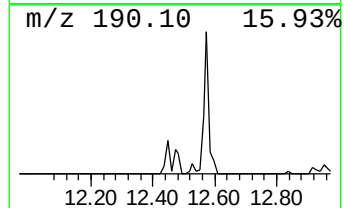
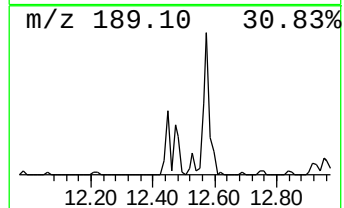
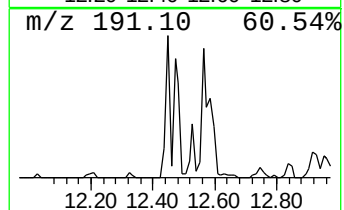
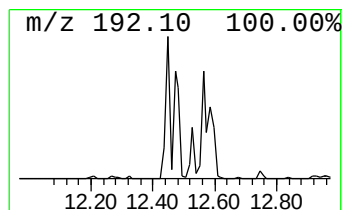
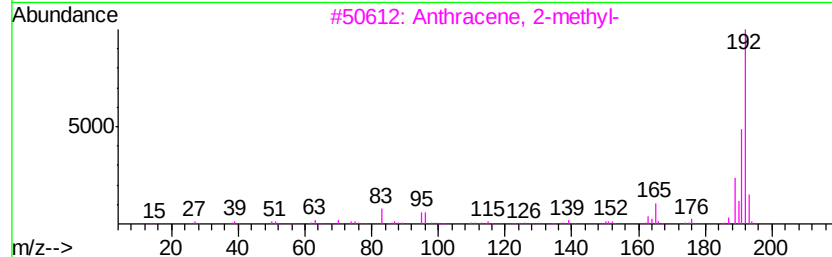
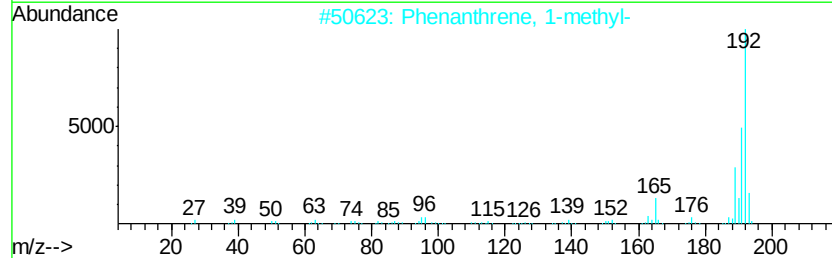
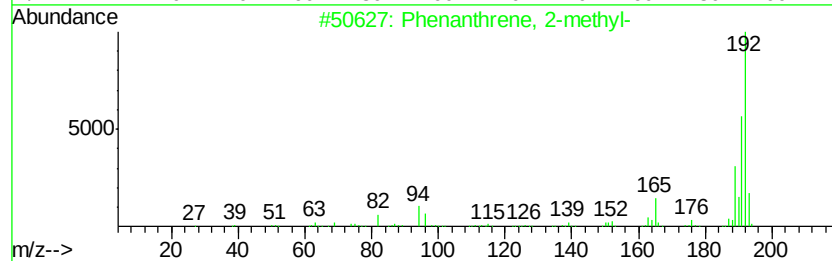
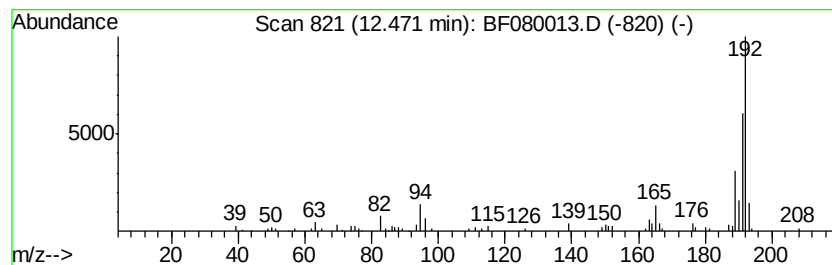
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.08 ng	100299	Phenanthrene-d10	11.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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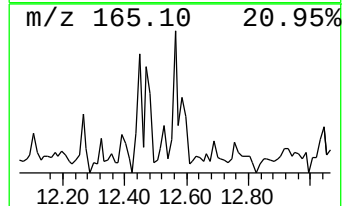
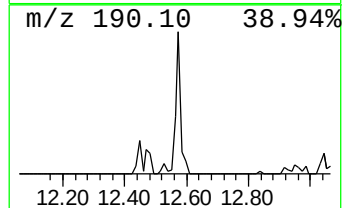
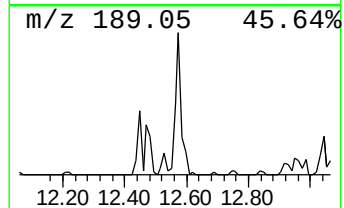
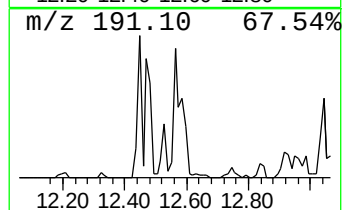
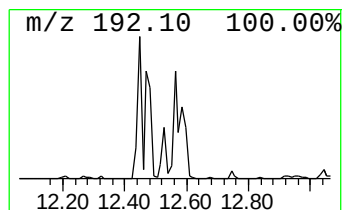
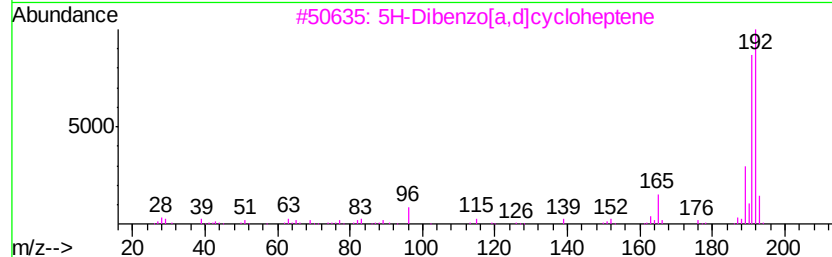
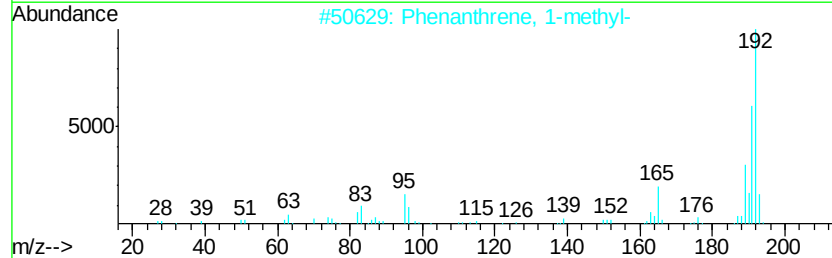
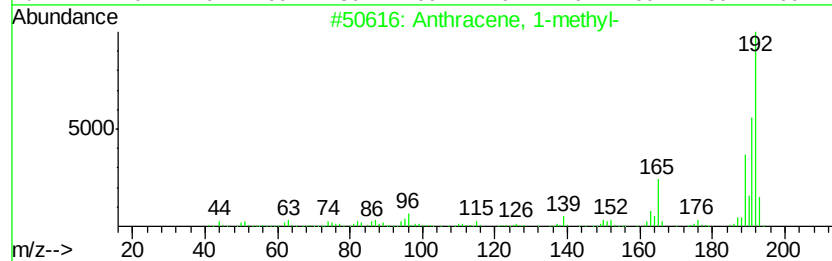
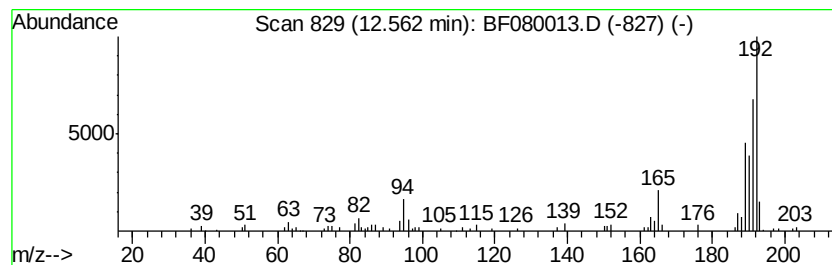
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	7.88 ng	193790	Phenanthrene-d10	11.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	78
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AST-HC-001

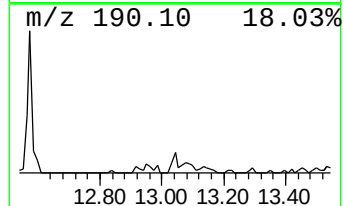
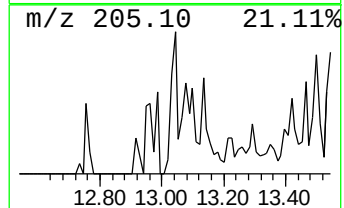
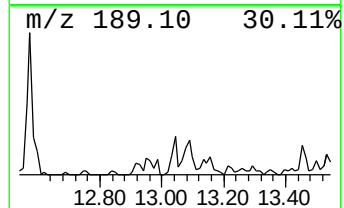
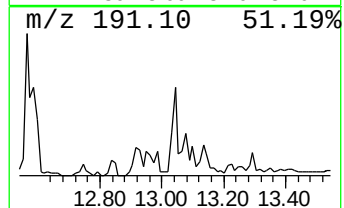
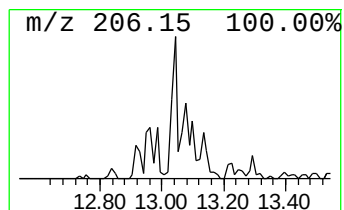
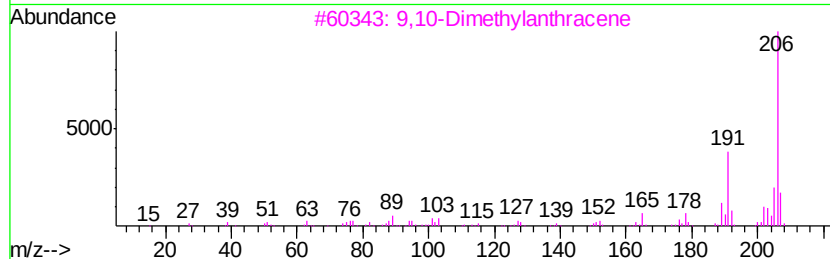
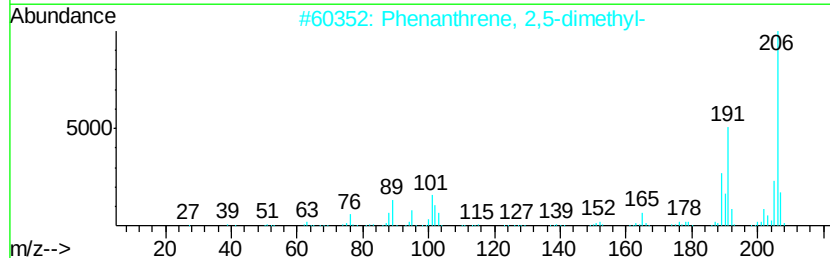
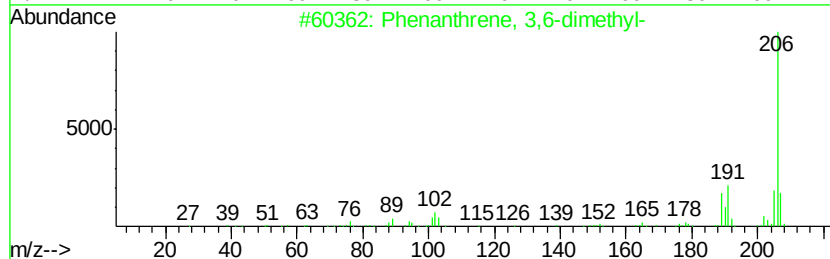
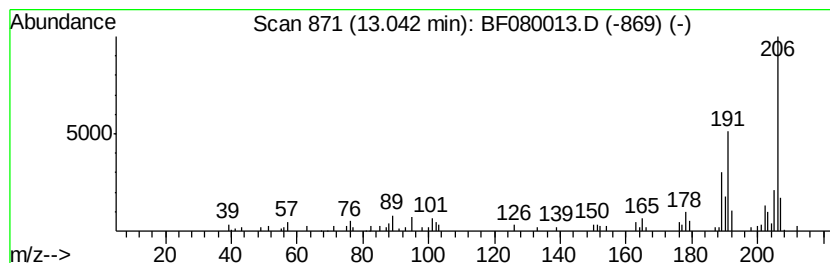
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.81 ng	93554	Phenanthrene-d10	11.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
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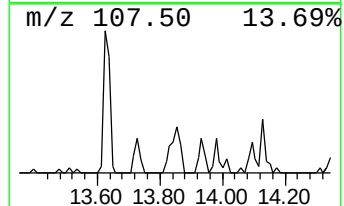
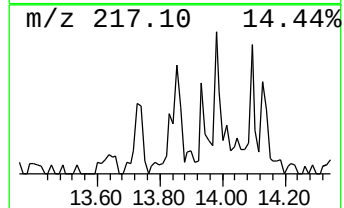
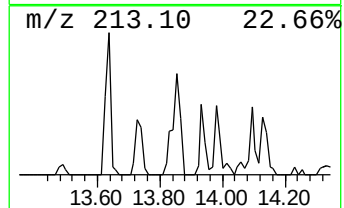
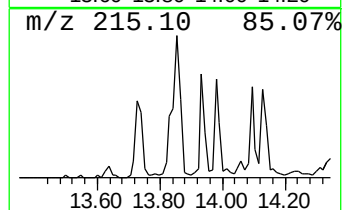
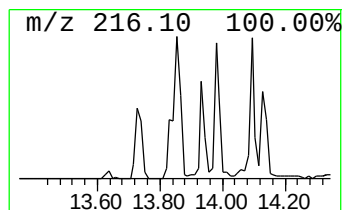
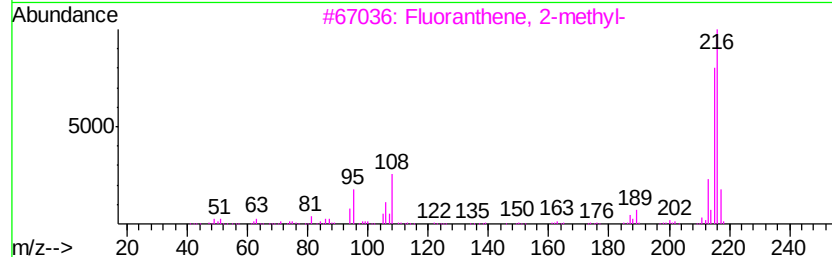
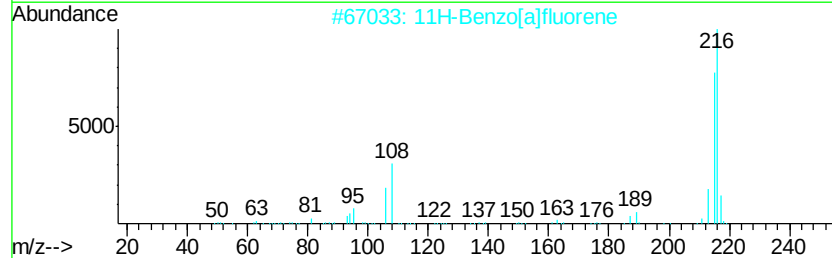
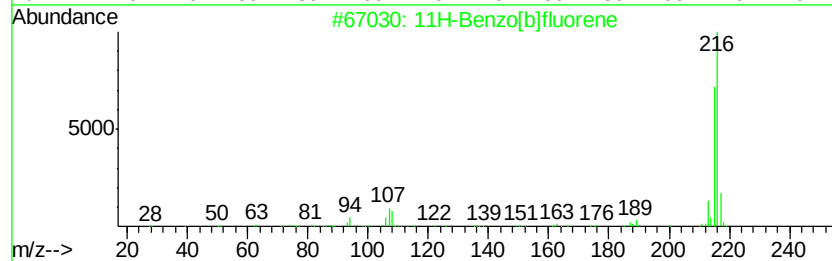
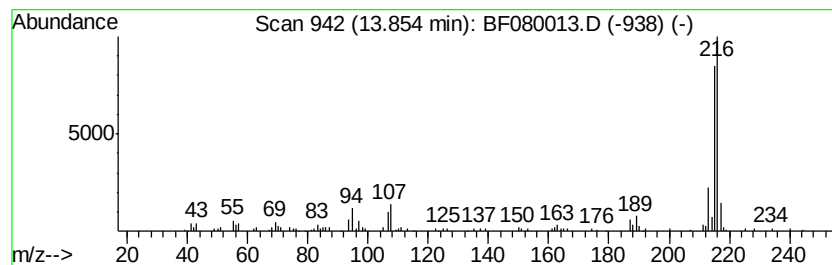
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.68 ng	189649	Chrysene-d12	14.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



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Sample : G2649-09
Misc :
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ClientSampleId :
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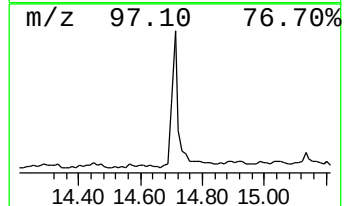
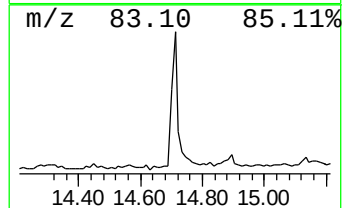
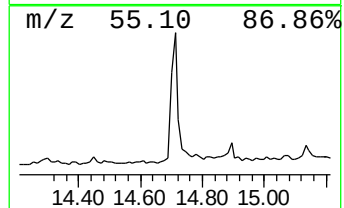
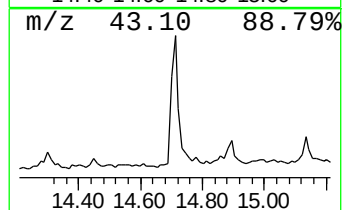
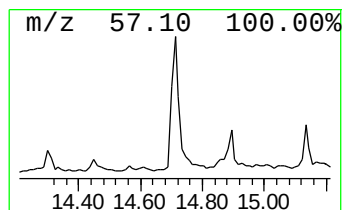
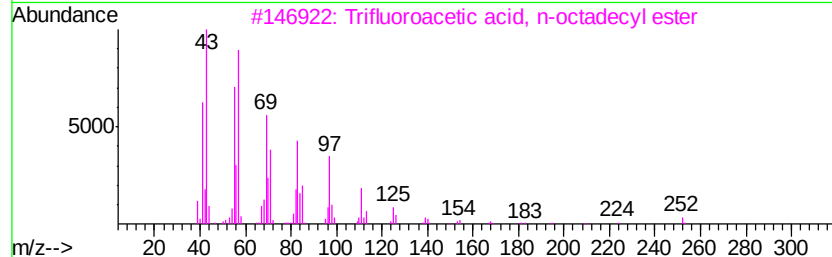
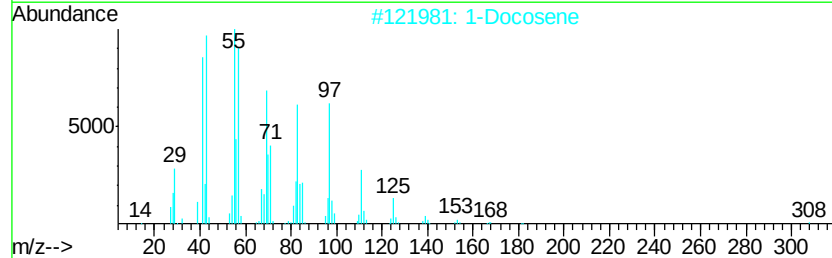
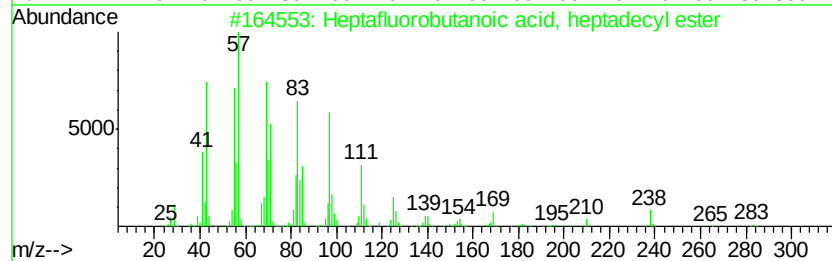
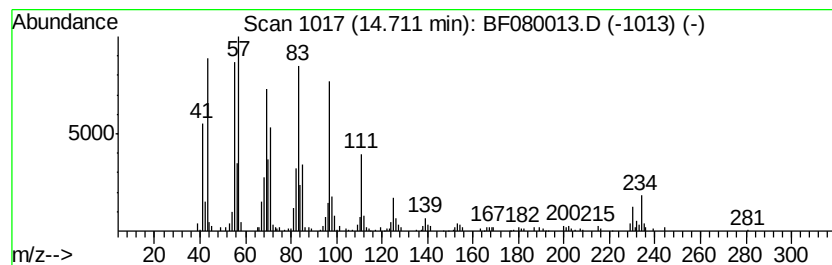
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	8.54 ng	439734	Chrysene-d12	14.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
2		1-Docosene	308	C22H44	001599-67-3	90
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86



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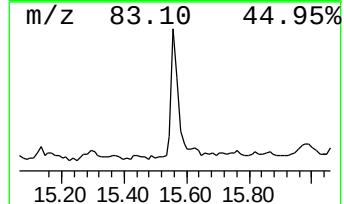
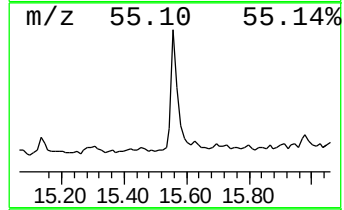
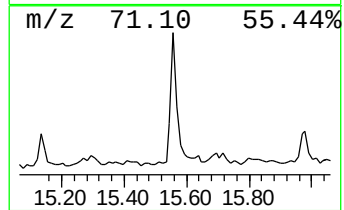
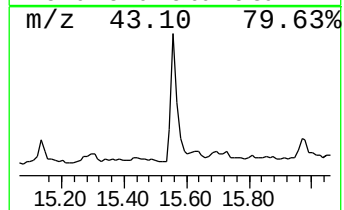
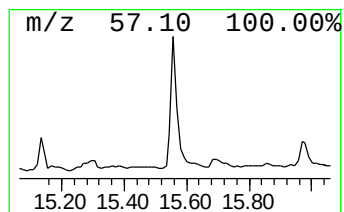
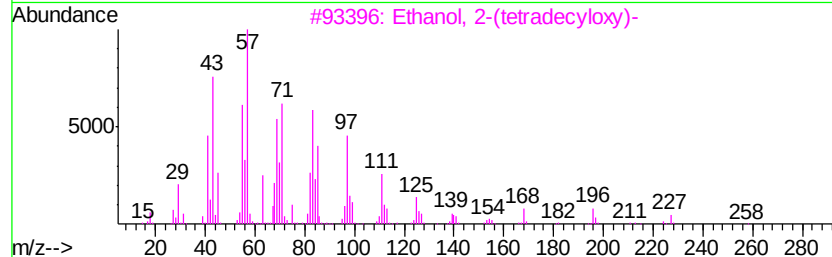
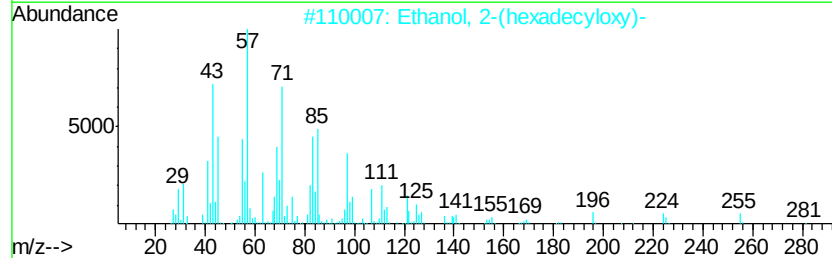
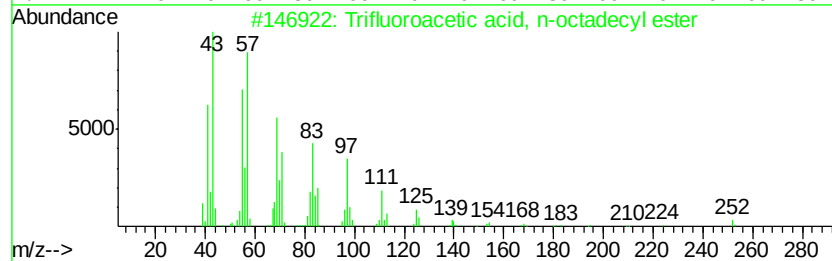
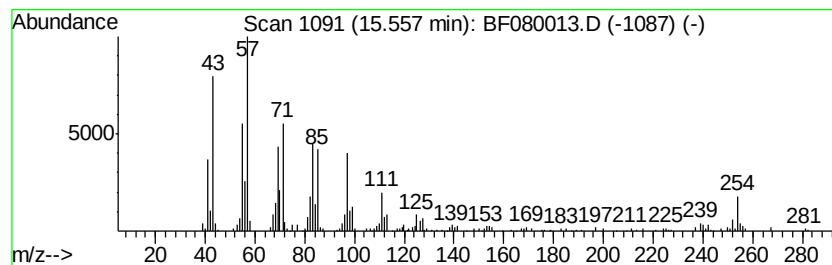
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trifluoroacetic acid, n-oct... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	7.19 ng	370296	Chrysene-d12	14.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
4		E-7-Octadecene	252	C18H36	1000130-92-0	78
5		1-Docosene	308	C22H44	001599-67-3	64



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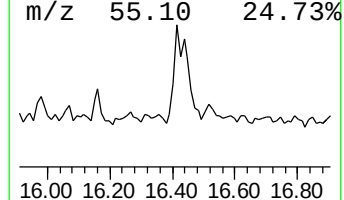
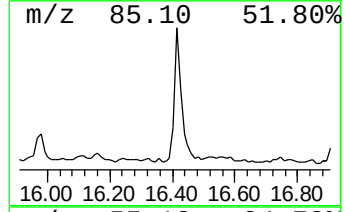
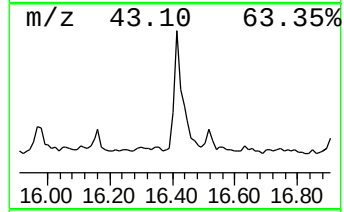
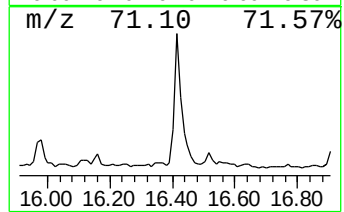
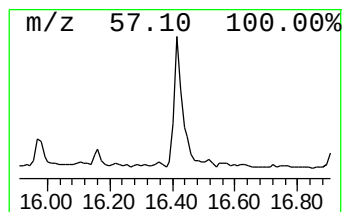
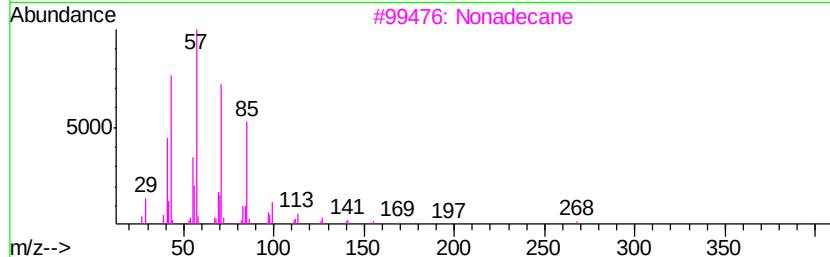
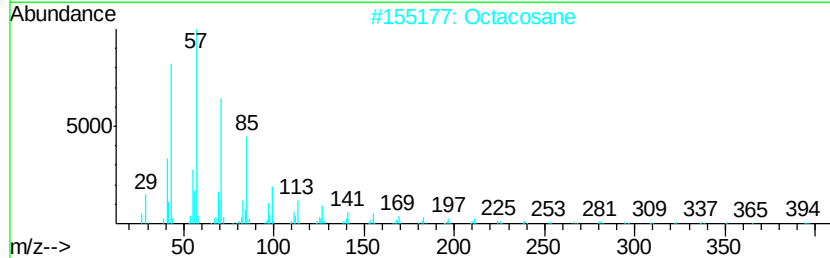
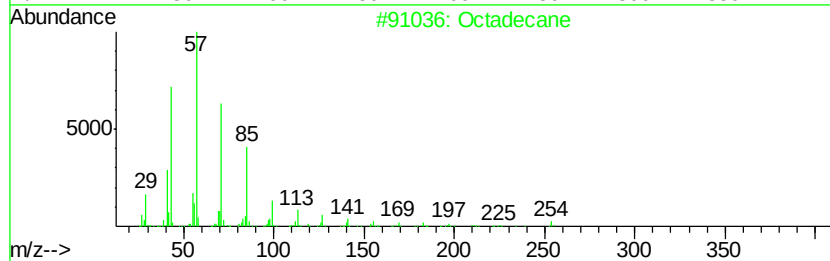
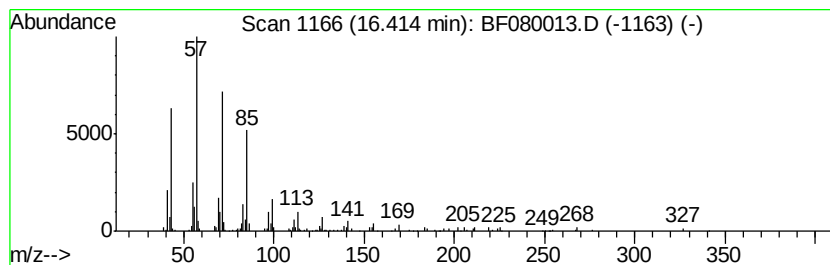
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	11.29 ng	309839	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		triacontane	422	C30H62	000638-68-6	87



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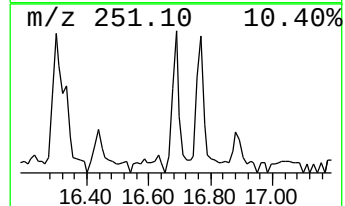
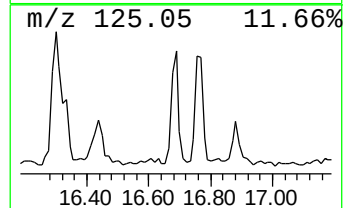
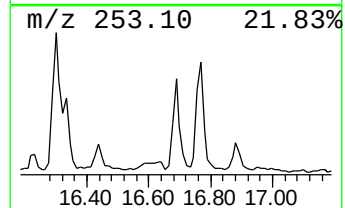
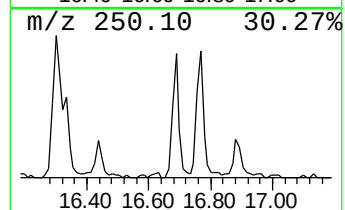
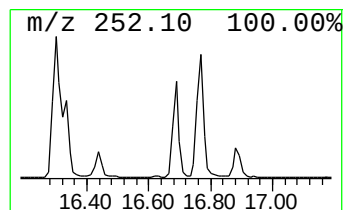
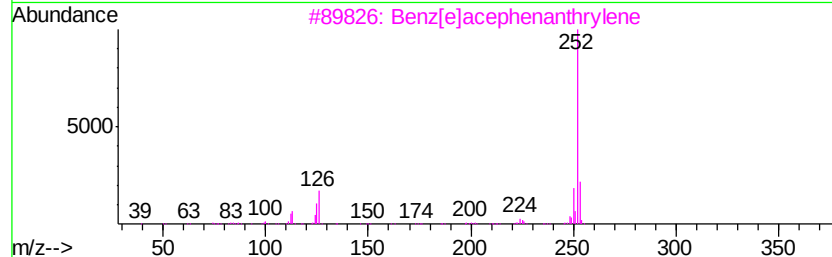
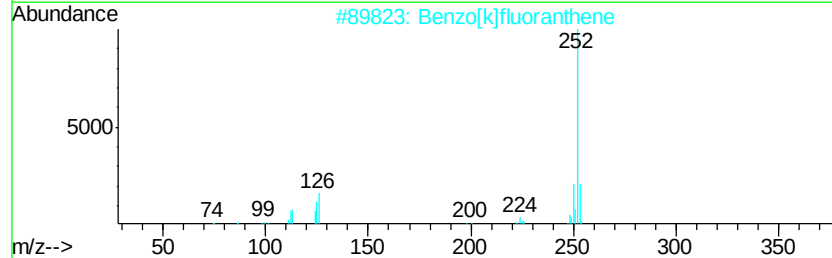
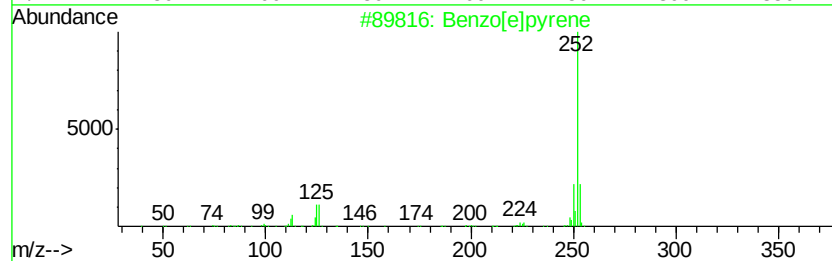
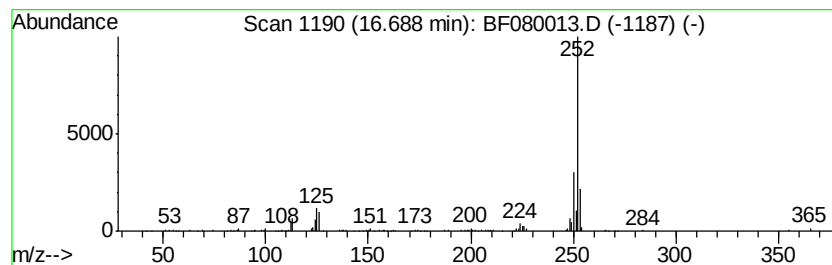
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	6.61 ng	181378	Perylene-d12	16.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



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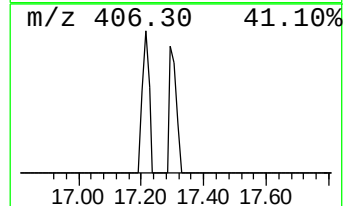
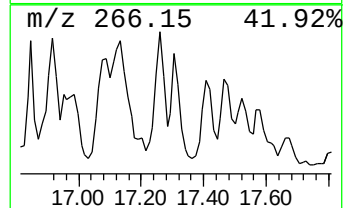
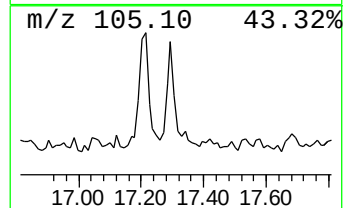
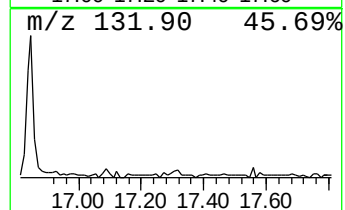
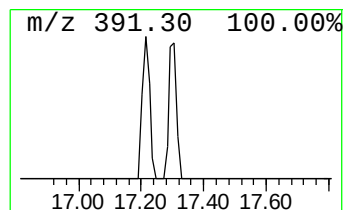
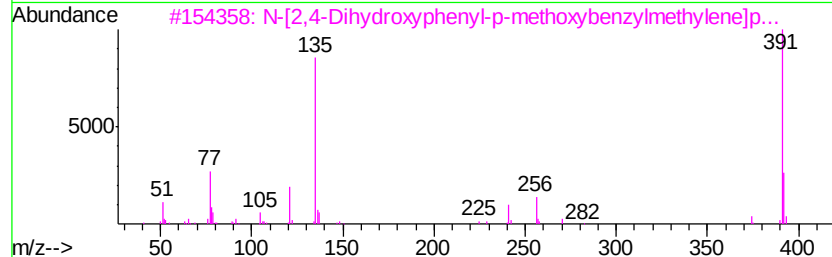
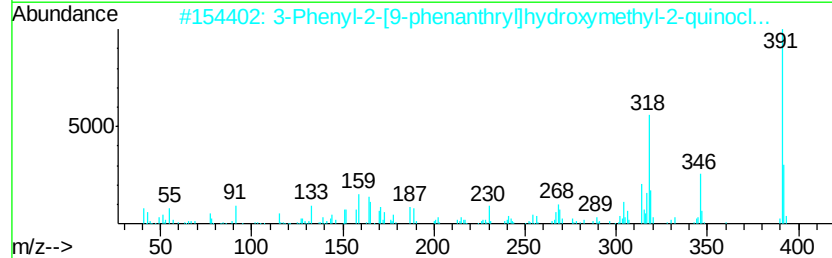
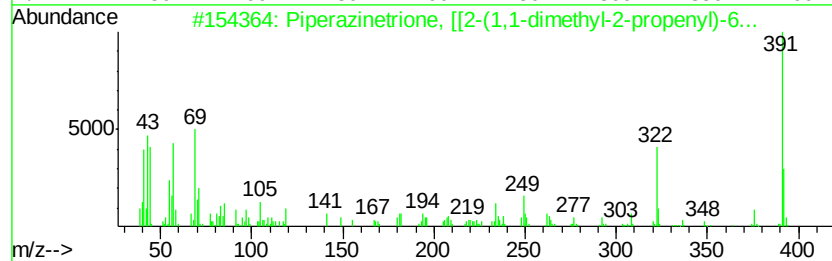
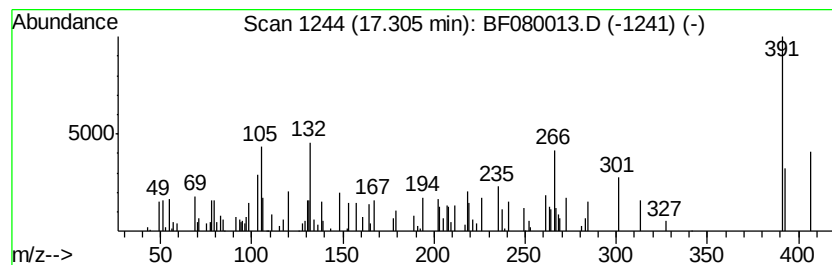
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.31 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	4.43 ng	121479	Perylene-d12	16.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperazinetrione, [[2-(1,1-dimet...	391	C23H25N3O3	025644-25-1	12
2			3-Phenyl-2-[9-phenanthryl]hydrox...	391	C28H25NO	1000252-87-9	10
3			N-[2,4-Dihydroxyphenyl-p-methoxy...	391	C23H21NO5	017683-16-8	10
4			2,6-Diiodo-4-nitrophenol	391	C6H3I2NO3	000305-85-1	9
5			Furo[2,3-b]quinolin-2-amine, 6-c...	391	C23H22ClN3O	105457-08-7	7



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

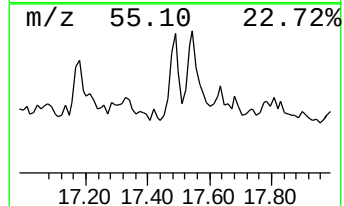
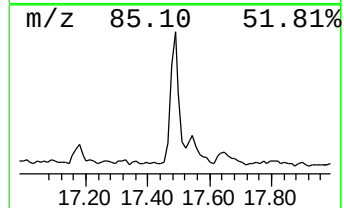
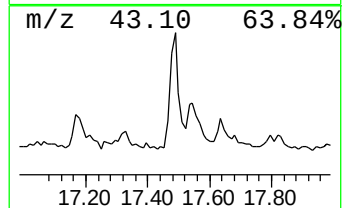
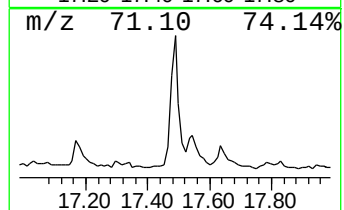
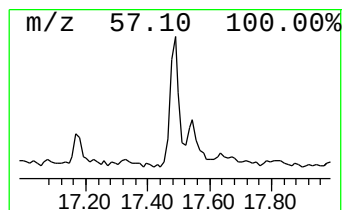
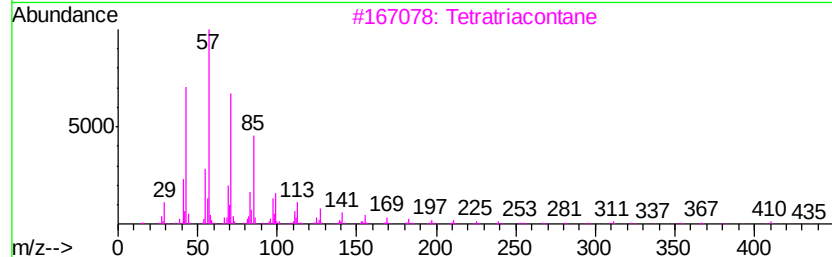
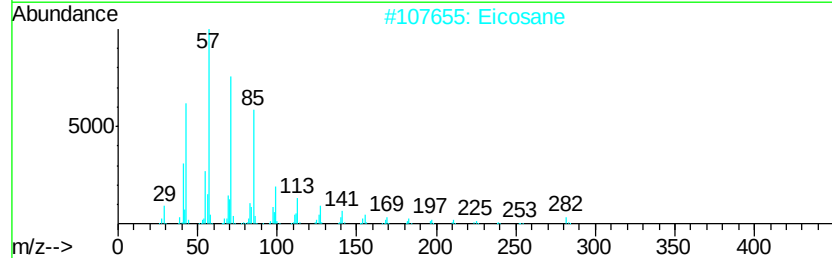
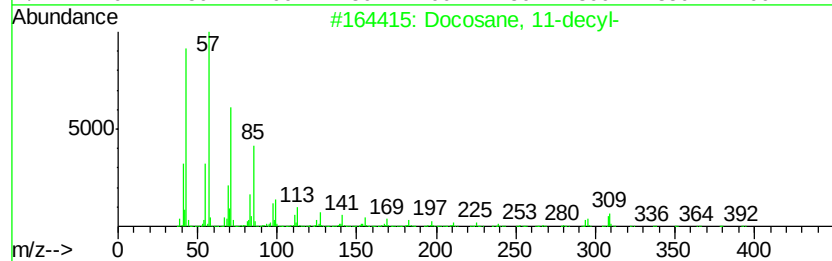
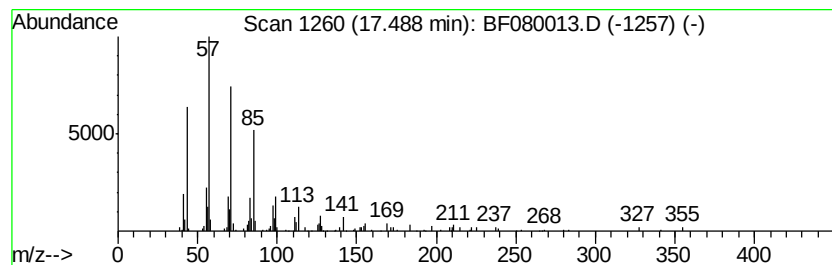
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosane, 11-decyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	6.43 ng	176403	Perylene-d12	16.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane, 11-decyl-	451 C32H66	055401-55-3	91
2	Eicosane	282 C20H42	000112-95-8	91
3	Tetratriacontane	479 C34H70	014167-59-0	91
4	Triacontane	422 C30H62	000638-68-6	91
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
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Sample : G2649-09
Misc :
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Instrument :
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ClientSampleId :
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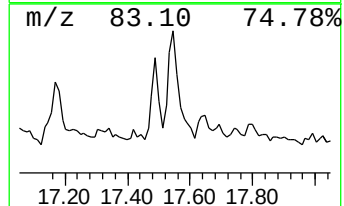
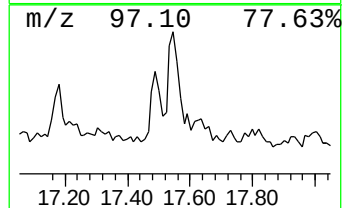
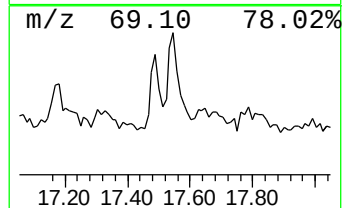
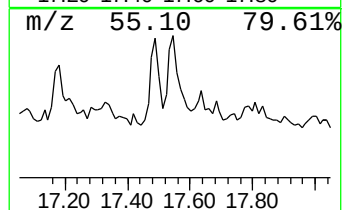
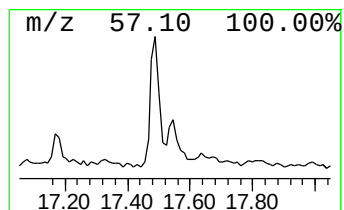
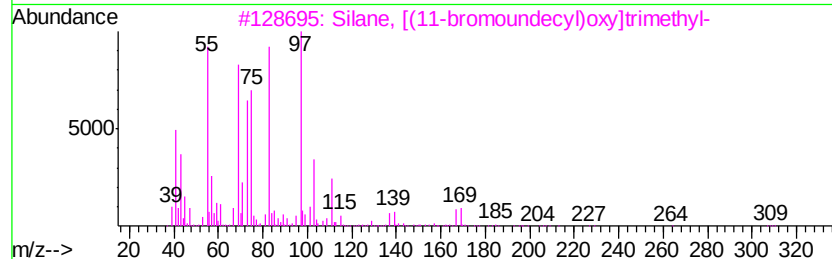
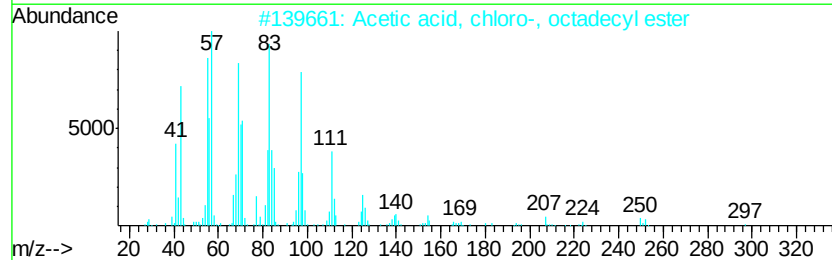
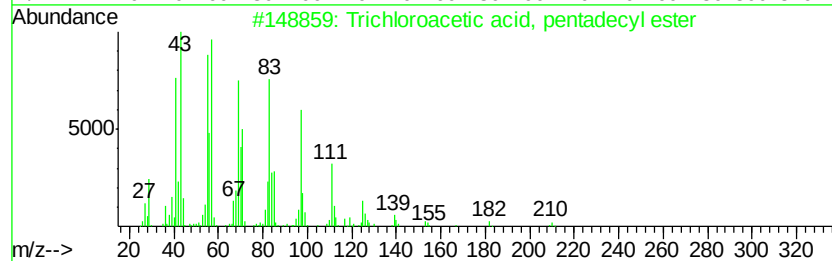
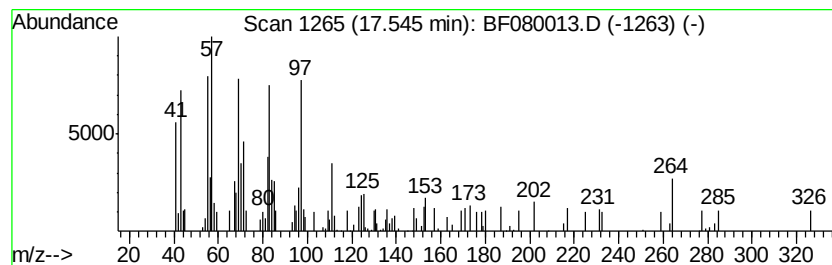
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Trichloroacetic acid, penta... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	5.36 ng	147161	Perylene-d12	16.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
2			Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	59
3			Silane, [(11-bromoundecyl)oxy]tr...	322	C14H31BrOSi	026305-83-9	53
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	52
5			17-Pentatriacontene	491	C35H70	006971-40-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
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Acq On : 17 Jun 2015 5:00
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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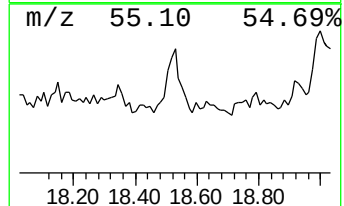
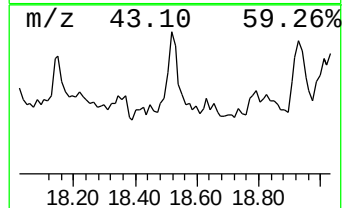
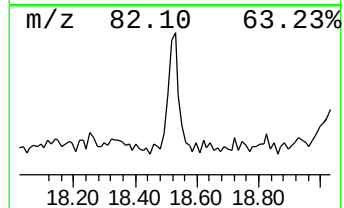
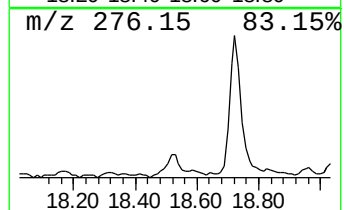
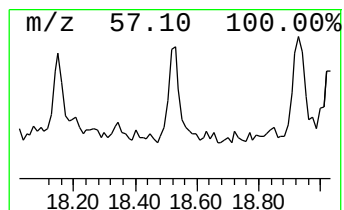
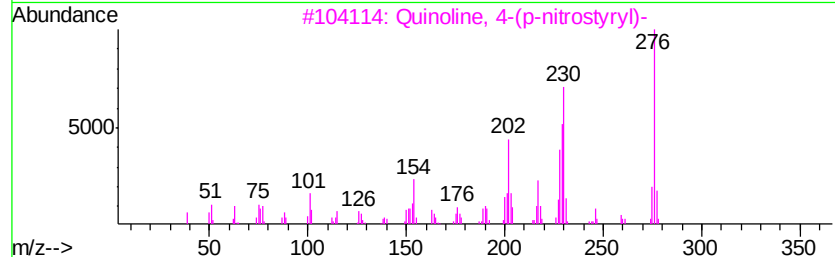
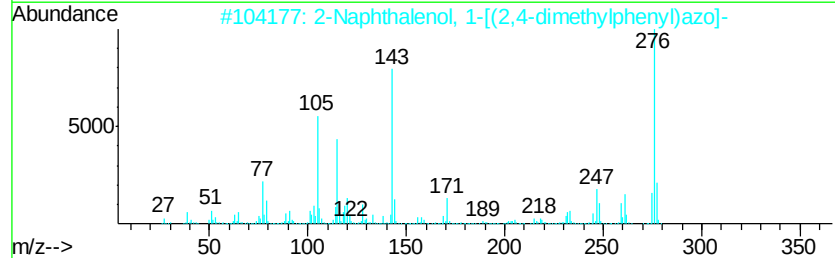
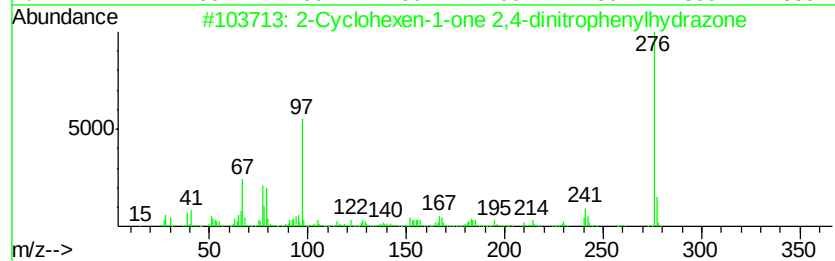
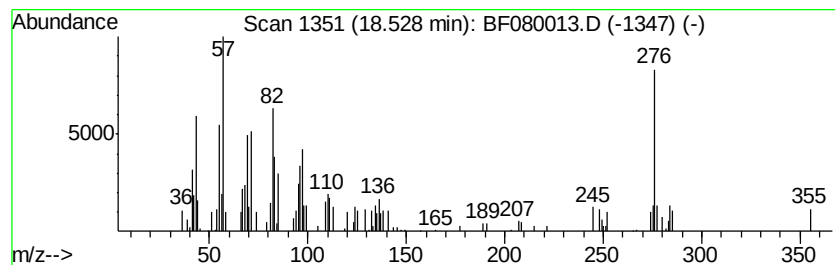
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Cyclohexen-1-one 2,4-dini... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	4.20 ng	115318	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one 2,4-dinitroph...	276	C12H12N4O4	001459-31-0	50
2		2-Naphthalenol, 1-[(2,4-dimethyl...	276	C18H16N2O	003118-97-6	43
3		Quinoline, 4-(p-nitrostyryl)-	276	C17H12N2O2	004594-97-2	38
4		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	38
5		2-(p-Tolyl)oxazolo[4,5-c]quinoli...	276	C17H12N2O2	148563-22-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
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Misc :
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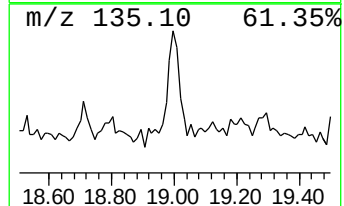
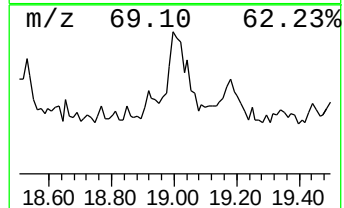
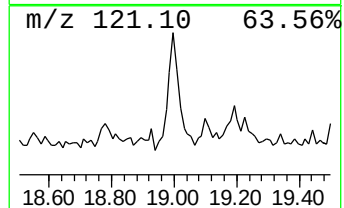
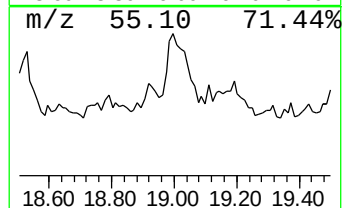
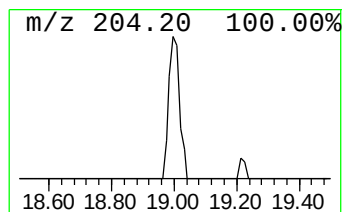
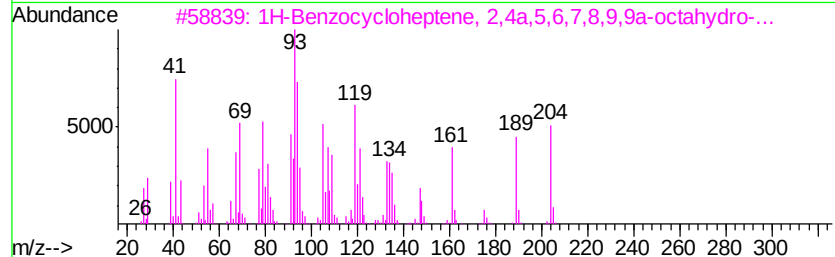
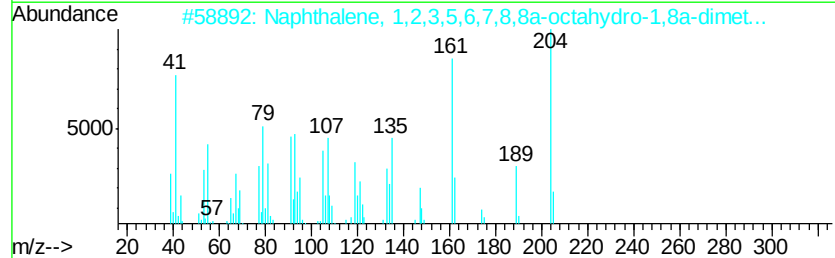
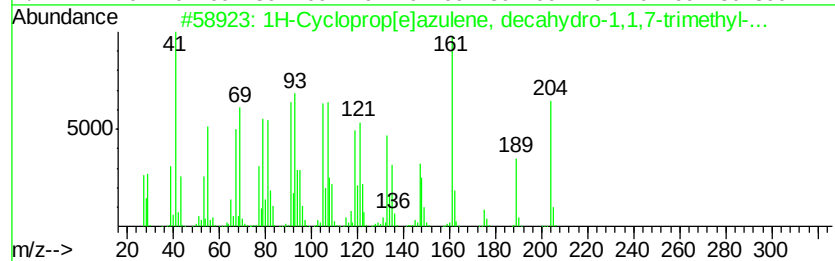
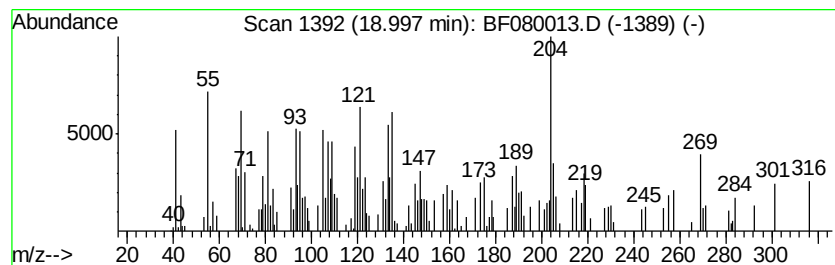
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Cycloprop[e]azulene, dec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	8.24 ng	226242	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	78
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	60
3		1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	60
4		1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	49
5		Farnesyl bromide	284	C15H25Br	006874-67-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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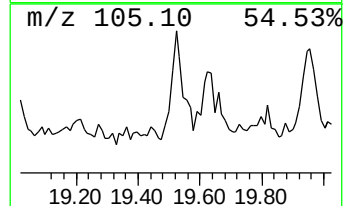
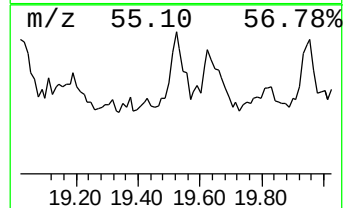
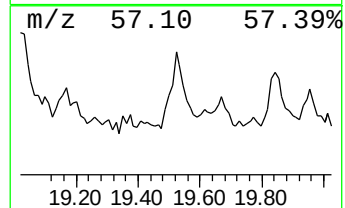
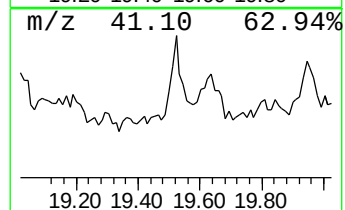
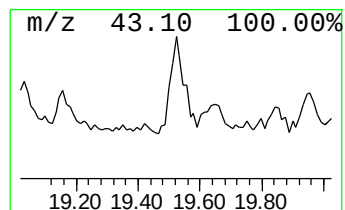
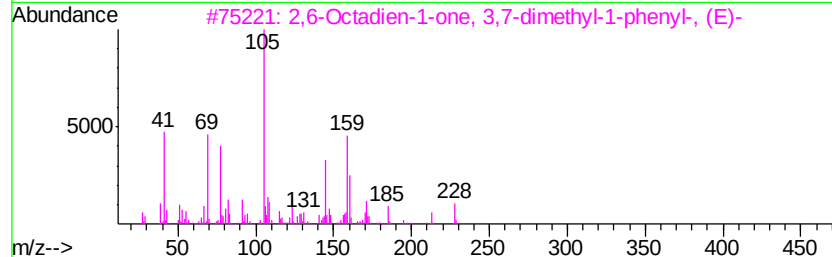
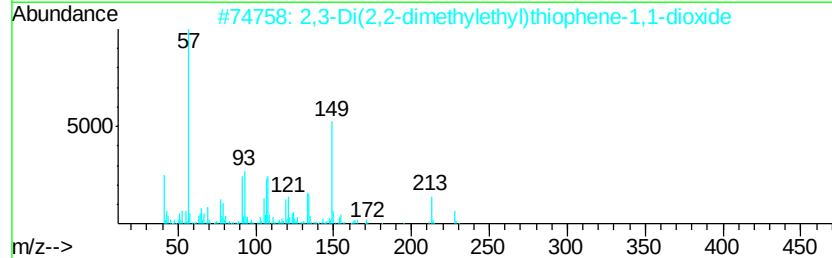
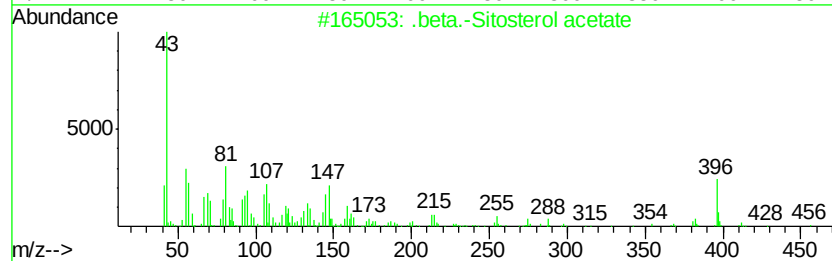
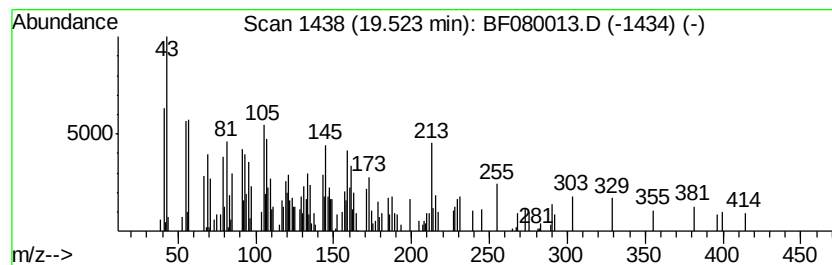
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown19.52 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	7.92 ng	217402	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	25
2		2,3-Di(2,2-dimethylethyl)thiophe...	228	C12H20O2S	128788-12-5	25
3		2,6-Octadien-1-one, 3,7-dimethyl...	228	C16H20O	075697-95-9	25
4		Ledene oxide-(II)	220	C15H24O	1000159-36-7	25
5		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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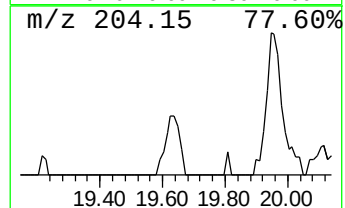
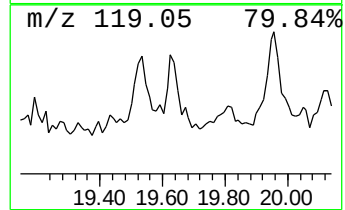
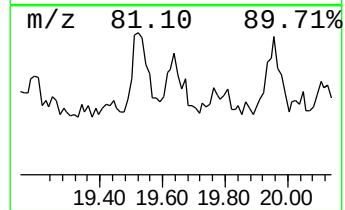
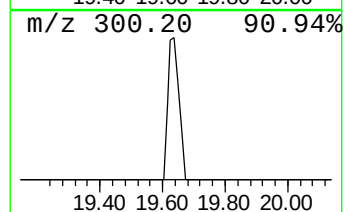
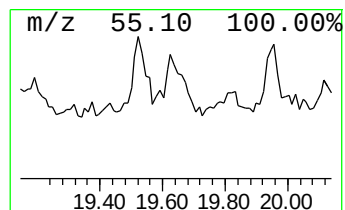
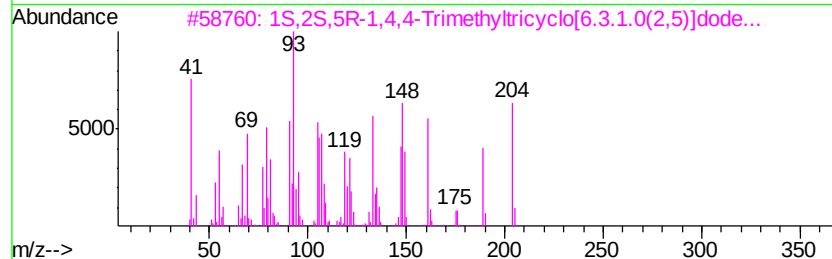
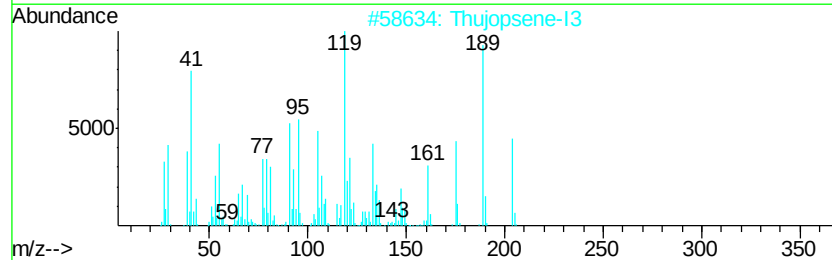
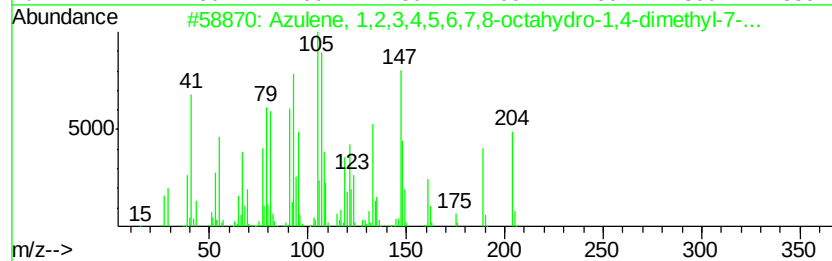
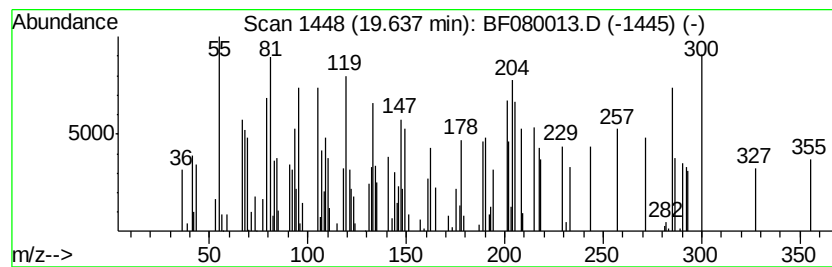
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown19.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	6.05 ng	166102	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 1,2,3,4,5,6,7,8-octahyd...	204	C15H24	003691-12-1	25
2		Thujopsene-I3	204	C15H24	1000162-77-8	18
3		1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	15
4		10.alpha.-Eremophilane	208	C15H28	003242-05-5	15
5		Naphthalene, decahydro-1,8a-dime...	208	C15H28	015404-63-4	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

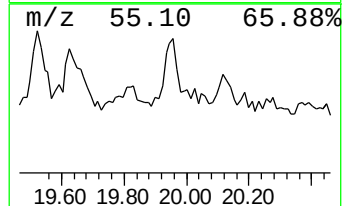
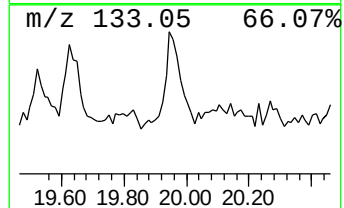
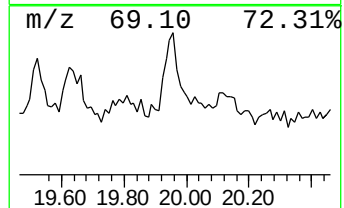
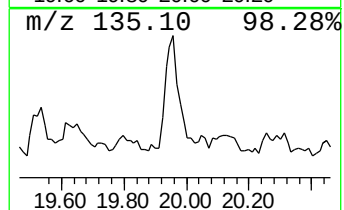
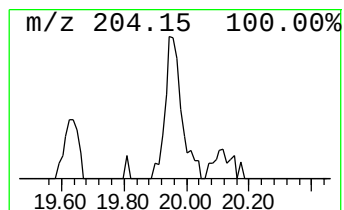
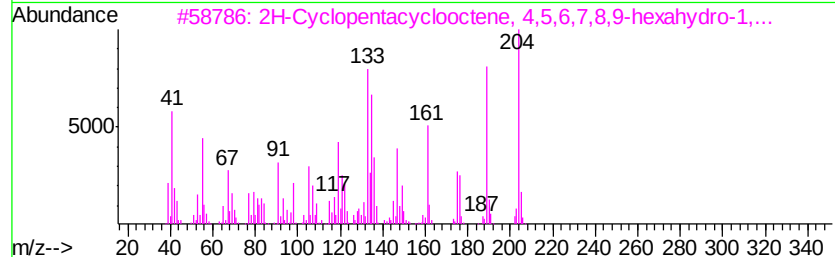
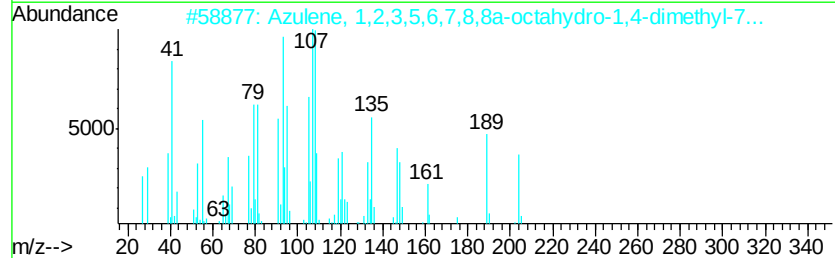
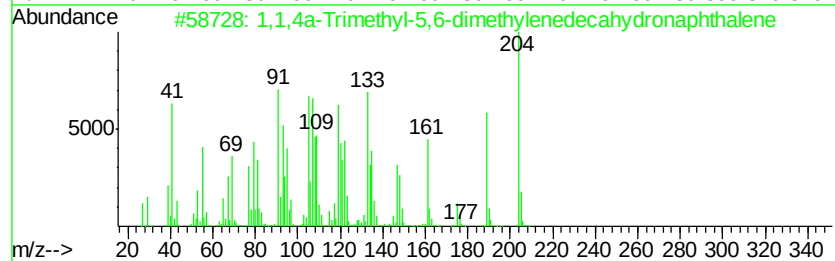
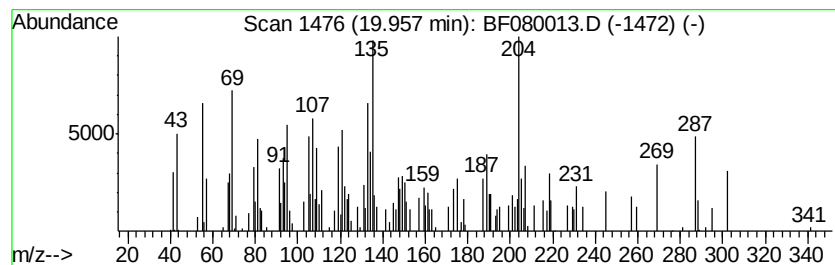
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	6.26 ng	171871	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	60
2		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	49
3		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
4		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
5		1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080013.D
Acq On : 17 Jun 2015 5:00
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
AST-HC-001

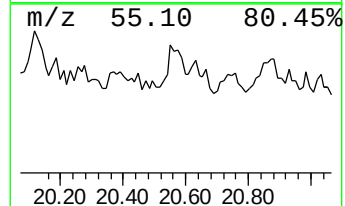
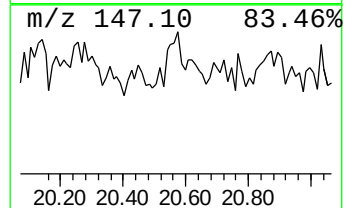
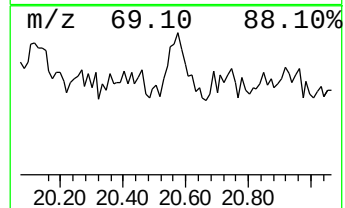
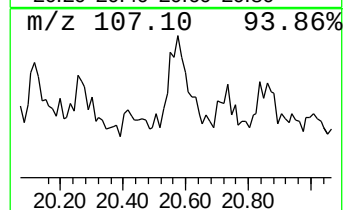
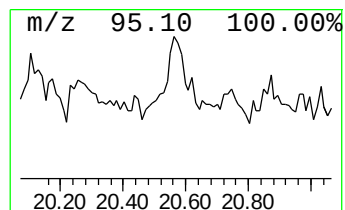
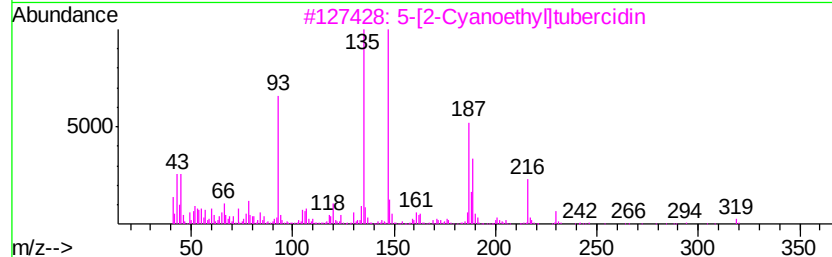
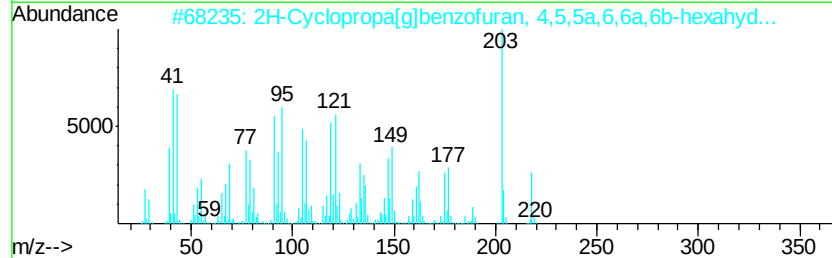
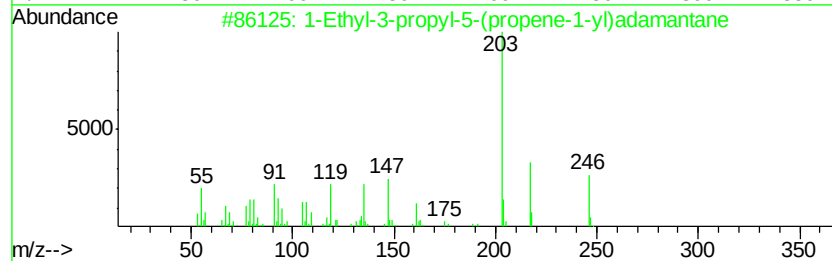
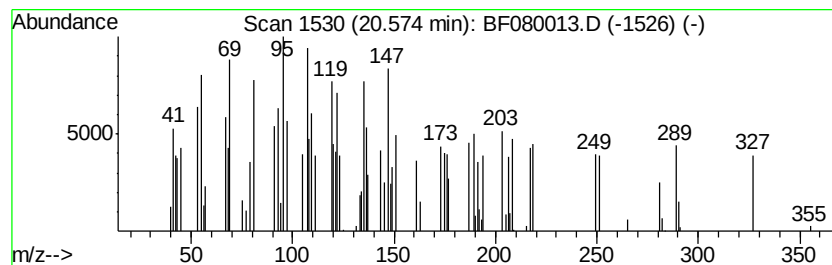
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown20.57 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	4.74 ng	130023	Perylene-d12	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-propyl-5-(propene-1-yl...	246	C18H30	1000215-00-2	25
2		2H-Cyclopropa[g]benzofuran, 4,5,...	218	C15H22O	102681-49-2	15
3		5-[2-Cyanoethyl]tubercidin	319	C14H17N5O4	076319-86-3	14
4		(Z)-1-Propylsulfinyl-2-phenylethene	194	C11H14OS	081562-48-3	11
5		Benzoic acid, 2-hydroximinoacety...	208	C9H8N2O4	006579-46-0	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080013.D
 Acq On : 17 Jun 2015 5:00
 Operator : TP/IZ
 Sample : G2649-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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...	5.57	27.1 ng		372276	1	7.35	274629	20.0
unknown7.12	7.12	86.3 ng		1184670	1	7.35	274629	20.0
Phenanthrene, 2-m...	12.47	4.1 ng		100299	4	11.92	491604	20.0
Anthracene, 1-met...	12.56	7.9 ng		193790	4	11.92	491604	20.0
Phenanthrene, 3,6...	13.04	3.8 ng		93554	4	11.92	491604	20.0
11H-Benzo[b]fluorene	13.85	3.7 ng		189649	5	14.93	1030300	20.0
Heptafluorobutano...	14.71	8.5 ng		439734	5	14.93	1030300	20.0
Trifluoroacetic a...	15.56	7.2 ng		370296	5	14.93	1030300	20.0
Octadecane	16.41	11.3 ng		309839	6	16.85	548831	20.0
Benzo[e]pyrene	16.69	6.6 ng		181378	6	16.85	548831	20.0
unknown17.31	17.31	4.4 ng		121479	6	16.85	548831	20.0
Docosane, 11-decyl-	17.49	6.4 ng		176403	6	16.85	548831	20.0
Trichloroacetic a...	17.55	5.4 ng		147161	6	16.85	548831	20.0
2-Cyclohexen-1-on...	18.53	4.2 ng		115318	6	16.85	548831	20.0
1H-Cycloprop[e]az...	19.00	8.2 ng		226242	6	16.85	548831	20.0
unknown19.52	19.52	7.9 ng		217402	6	16.85	548831	20.0
unknown19.64	19.64	6.0 ng		166102	6	16.85	548831	20.0
1,1,4a-Trimethyl-...	19.96	6.3 ng		171871	6	16.85	548831	20.0
unknown20.57	20.57	4.7 ng		130023	6	16.85	548831	20.0