

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102590.D
 Acq On : 29 Jan 2018 11:53
 Operator : SJ/JU
 Sample : J1257-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)

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-BF012218.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	3.651	260	266	274	rBV	19575	34119	2.81%	0.189%
2	5.275	538	542	543	rBV	52096	56374	4.64%	0.312%
3	5.322	547	550	563	rVB	563098	680252	56.02%	3.771%
4	5.534	583	586	593	rVB	31117	37729	3.11%	0.209%
5	6.187	695	697	701	rVB	57276	54666	4.50%	0.303%
6	6.228	701	704	707	rBV	66110	60000	4.94%	0.333%
7	6.263	707	710	713	rVB	39186	34688	2.86%	0.192%
8	6.310	713	718	723	rBV3	25399	38573	3.18%	0.214%
9	6.357	723	726	738	rBV	595629	760889	62.66%	4.218%
10	6.481	744	747	753	rVV	838206	763270	62.85%	4.231%
11	6.534	753	756	763	rVB2	90475	106708	8.79%	0.591%
12	6.710	783	786	792	rBV	1058661	941347	77.52%	5.218%
13	6.828	802	806	809	rBV	160656	155973	12.84%	0.865%
14	6.863	809	812	819	rVB	635768	590164	48.60%	3.271%
15	6.957	826	828	829	rBV	39281	28923	2.38%	0.160%
16	6.975	829	831	836	rVV2	152775	169592	13.97%	0.940%
17	7.028	836	840	841	rVV2	36243	28050	2.31%	0.155%
18	7.045	841	843	846	rVB	123580	90577	7.46%	0.502%
19	7.139	855	859	860	rBV	69591	63581	5.24%	0.352%
20	7.210	867	871	874	rBV3	24696	39504	3.25%	0.219%
21	7.245	874	877	879	rVV2	63426	56463	4.65%	0.313%
22	7.275	879	882	886	rVV	397693	439034	36.15%	2.434%
23	7.304	886	887	891	rVV	97290	66204	5.45%	0.367%
24	7.351	891	895	899	rVV7	33277	51685	4.26%	0.286%
25	7.392	899	902	906	rVV5	25651	33541	2.76%	0.186%
26	7.428	906	908	911	rVV	55758	53851	4.43%	0.298%
27	7.457	911	913	915	rVB	45933	35257	2.90%	0.195%
28	7.487	915	918	920	rBV2	48919	47865	3.94%	0.265%
29	7.510	920	922	925	rVB2	39456	32734	2.70%	0.181%
30	7.581	932	934	939	rBV3	32199	37793	3.11%	0.209%
31	7.628	939	942	946	rBV4	27526	35279	2.91%	0.196%
32	7.675	946	950	952	rBV3	27037	32211	2.65%	0.179%
33	7.739	952	961	963	rBV2	831024	761381	62.70%	4.220%
34	7.763	963	965	967	rVV	58226	44930	3.70%	0.249%

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35	7.804	970	972	976	rVB5	31377	37105	3.06%	0.206%
36	7.845	976	979	981	rBV2	26889	29143	2.40%	0.162%
37	7.998	1001	1005	1007	rBV	1217616	1077808	88.75%	5.974%
38	8.051	1012	1014	1016	rVB	65771	45036	3.71%	0.250%
39	8.192	1035	1038	1040	rBV2	44220	39311	3.24%	0.218%
40	8.222	1040	1043	1046	rVB3	24656	29088	2.40%	0.161%
41	8.281	1051	1053	1058	rVB5	31999	40402	3.33%	0.224%
42	8.334	1059	1062	1065	rBV3	28262	37541	3.09%	0.208%
43	8.451	1080	1082	1085	rVB3	66895	60318	4.97%	0.334%
44	8.492	1085	1089	1092	rBV5	29446	41931	3.45%	0.232%
45	8.528	1092	1095	1099	rBV5	27053	32639	2.69%	0.181%
46	8.581	1102	1104	1108	rVV3	41762	36013	2.97%	0.200%
47	8.669	1116	1119	1123	rVB3	44957	68660	5.65%	0.381%
48	8.710	1123	1126	1129	rBV	85707	82842	6.82%	0.459%
49	8.763	1133	1135	1138	rBV2	27503	31099	2.56%	0.172%
50	8.792	1138	1140	1145	rVV2	64025	78964	6.50%	0.438%
51	8.863	1150	1152	1156	rBV2	48982	55815	4.60%	0.309%
52	8.981	1169	1172	1174	rBV2	49200	47123	3.88%	0.261%
53	9.010	1174	1177	1180	rVV	63397	61877	5.10%	0.343%
54	9.069	1183	1187	1192	rVV	949804	797908	65.71%	4.423%
55	9.145	1196	1200	1203	rBV2	87423	113223	9.32%	0.628%
56	9.339	1230	1233	1237	rBV5	45467	54658	4.50%	0.303%
57	9.404	1241	1244	1247	rBV3	44739	58610	4.83%	0.325%
58	9.445	1249	1251	1253	rVV2	122701	121189	9.98%	0.672%
59	9.463	1253	1254	1257	rVB2	85445	67805	5.58%	0.376%
60	9.610	1276	1279	1282	rBV	134270	151442	12.47%	0.839%
61	9.651	1283	1286	1288	rVB	151420	119899	9.87%	0.665%
62	9.675	1288	1290	1295	rBV3	56154	78473	6.46%	0.435%
63	9.722	1295	1298	1299	rVV3	60881	63781	5.25%	0.354%
64	9.751	1299	1303	1306	rVV	1301757	1214364	100.00%	6.731%
65	9.781	1306	1308	1311	rVB2	134658	116370	9.58%	0.645%
66	9.957	1335	1338	1342	rVB2	76577	94021	7.74%	0.521%
67	9.998	1342	1345	1348	rBV4	70704	87892	7.24%	0.487%
68	10.075	1353	1358	1360	rBV5	67100	110994	9.14%	0.615%
69	10.151	1367	1371	1373	rBV3	141064	166369	13.70%	0.922%
70	10.175	1373	1375	1377	rVB	83382	63219	5.21%	0.350%
71	10.298	1393	1396	1401	rVB	151585	156661	12.90%	0.868%

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72	10.539	1434	1437	1441	rBV2	382442	411118	33.85%	2.279%
73	10.657	1453	1457	1465	rBV	274177	361736	29.79%	2.005%
74	11.127	1534	1537	1541	rVB2	209858	222437	18.32%	1.233%
75	11.239	1552	1556	1558	rBV	1049570	1078578	88.82%	5.979%
76	11.263	1558	1560	1563	rVB	870222	692385	57.02%	3.838%
77	11.310	1566	1568	1571	rBV	284709	262447	21.61%	1.455%
78	12.457	1759	1763	1766	rBV	963937	975974	80.37%	5.410%
79	12.686	1799	1802	1808	rVB	773590	796440	65.58%	4.415%
80	12.821	1823	1825	1828	rVB	435482	326024	26.85%	1.807%
81	13.886	2002	2006	2008	rBV2	728121	880962	72.55%	4.883%

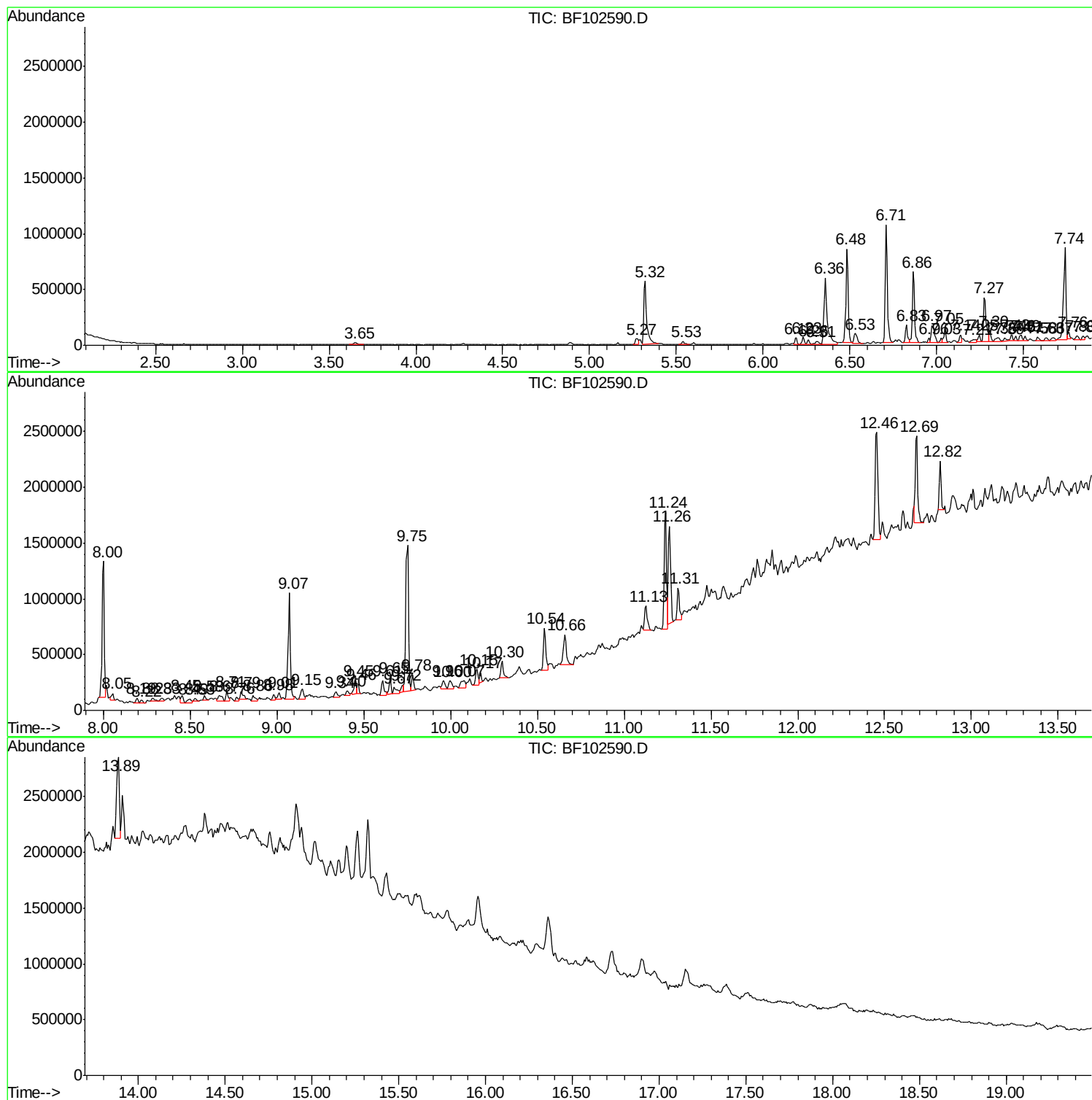
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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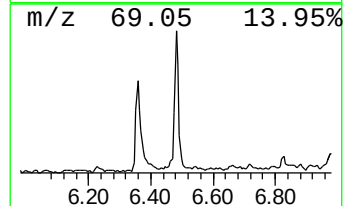
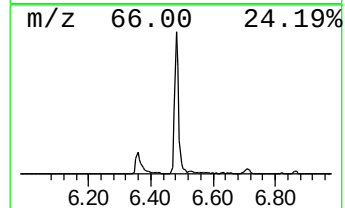
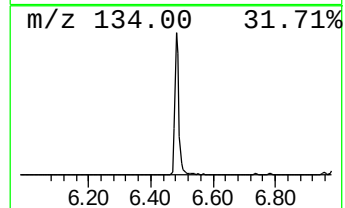
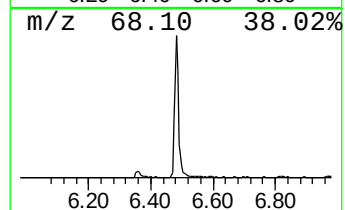
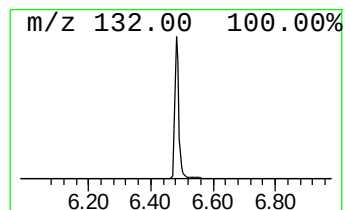
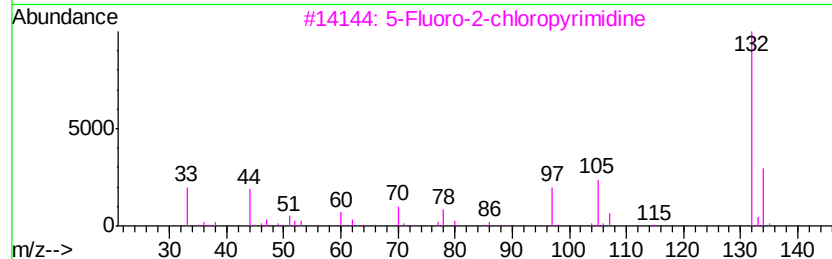
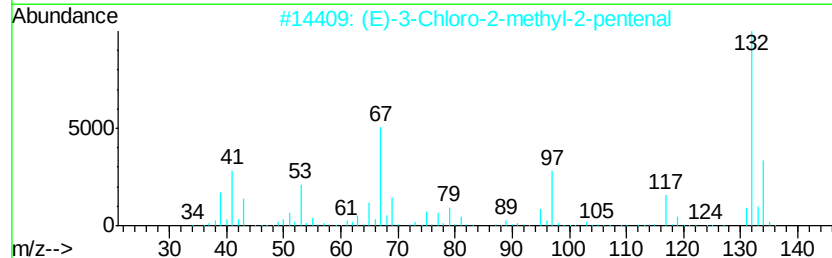
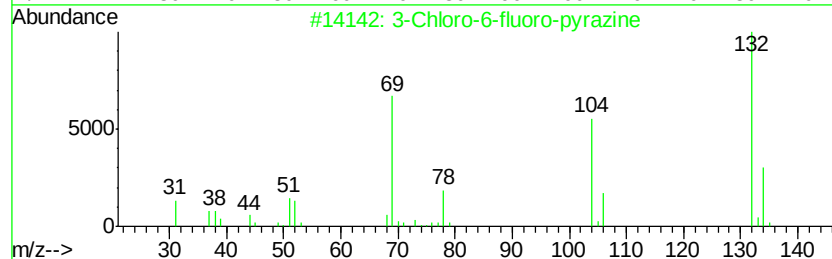
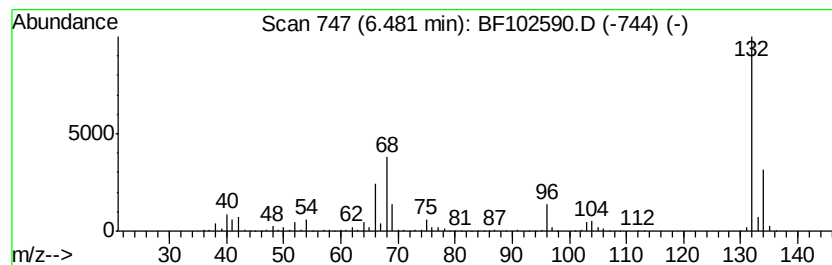
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	16.22 ng	763270	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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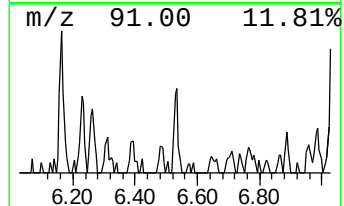
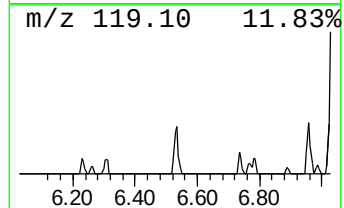
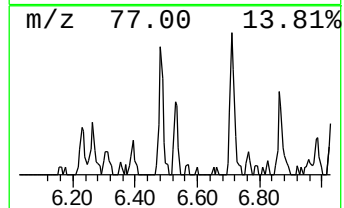
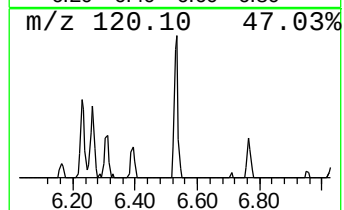
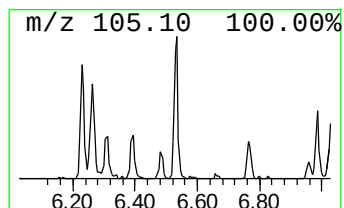
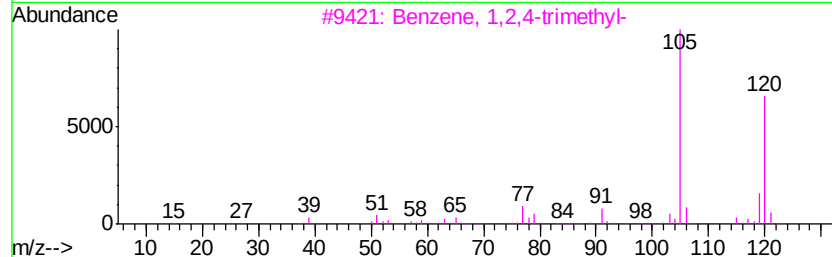
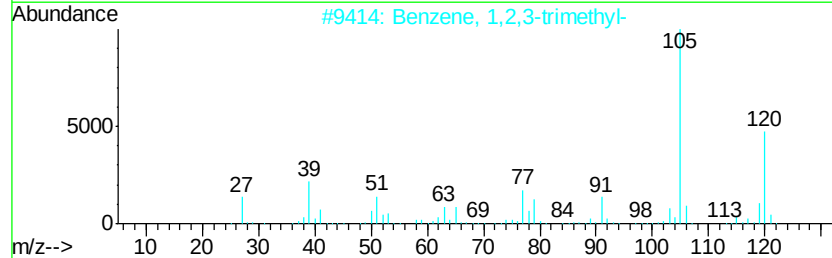
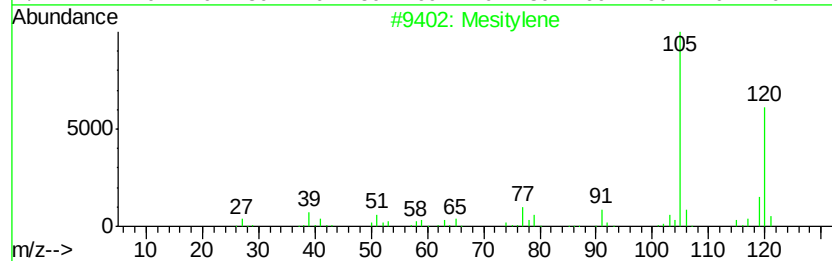
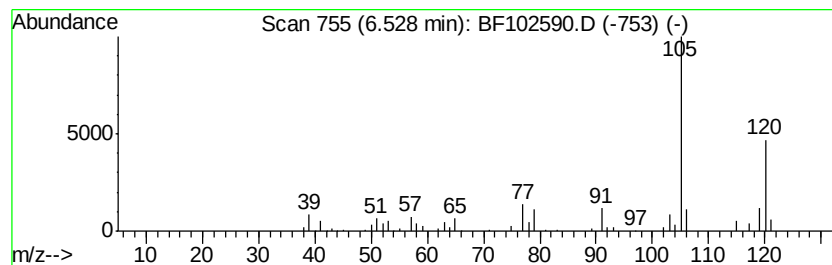
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.27 ng	106708	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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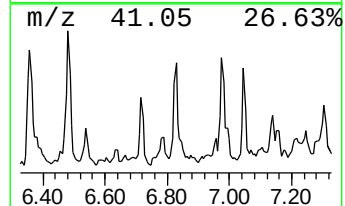
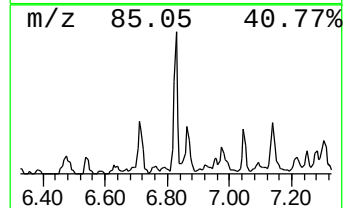
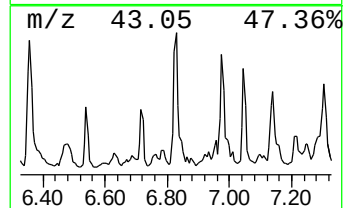
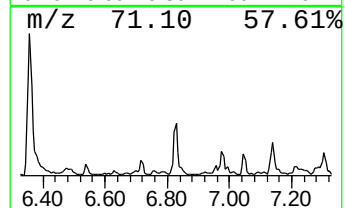
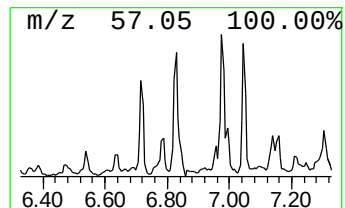
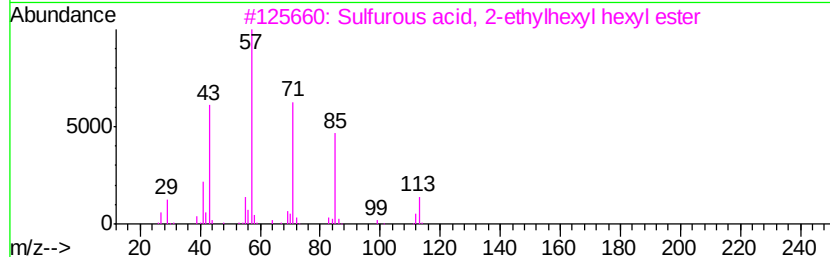
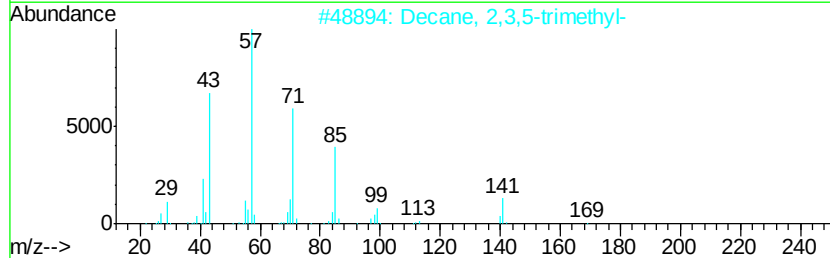
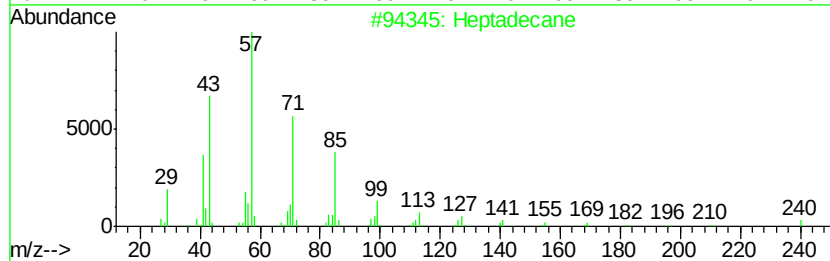
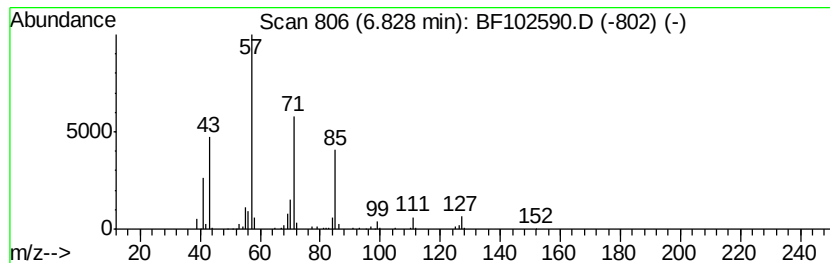
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	3.31 ng	155973	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	72
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	72



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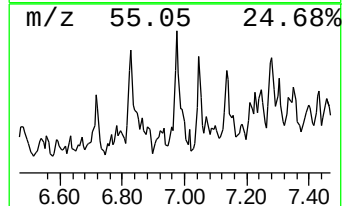
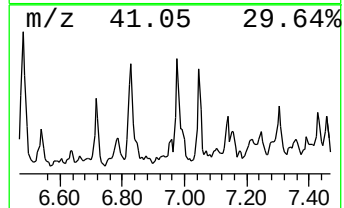
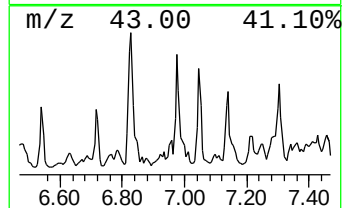
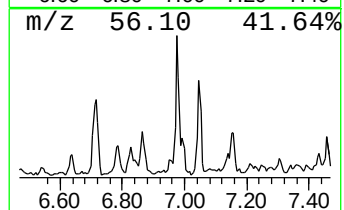
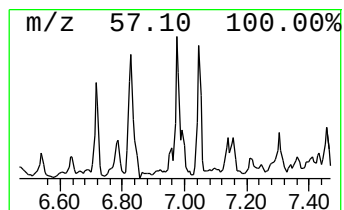
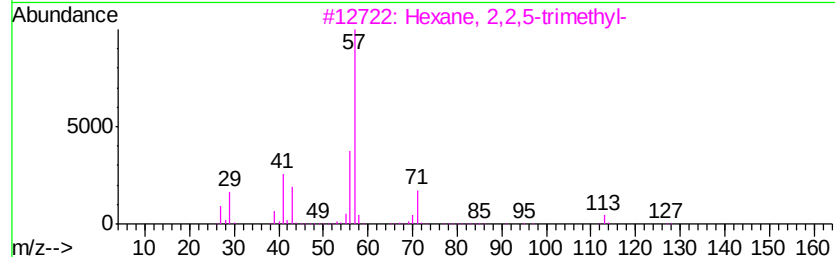
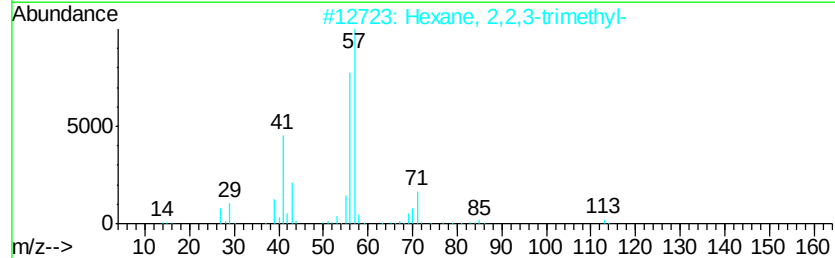
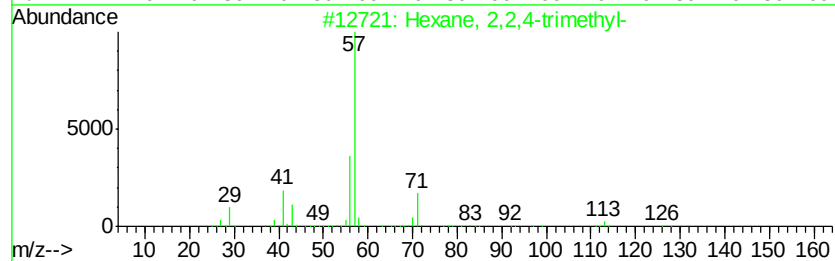
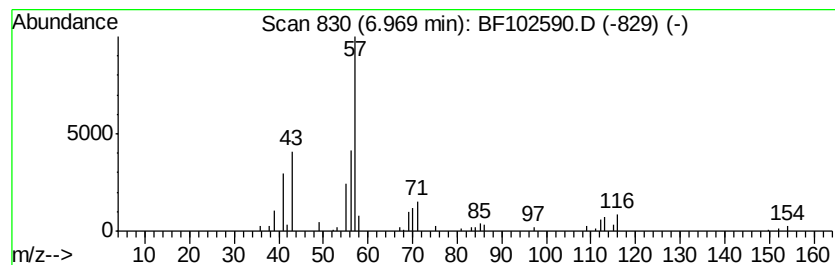
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	3.60 ng	169592	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102590.D
Acq On : 29 Jan 2018 11:53
Operator : SJ/JU
Sample : J1257-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

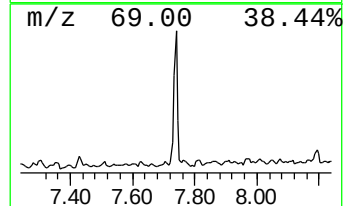
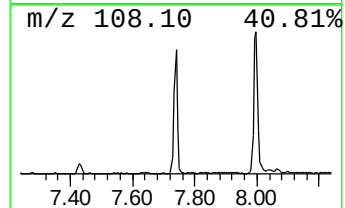
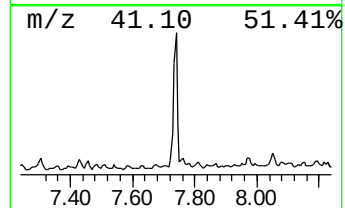
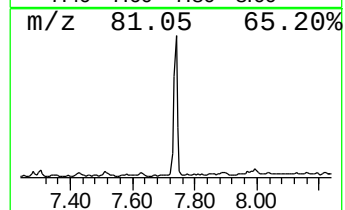
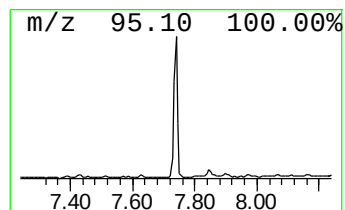
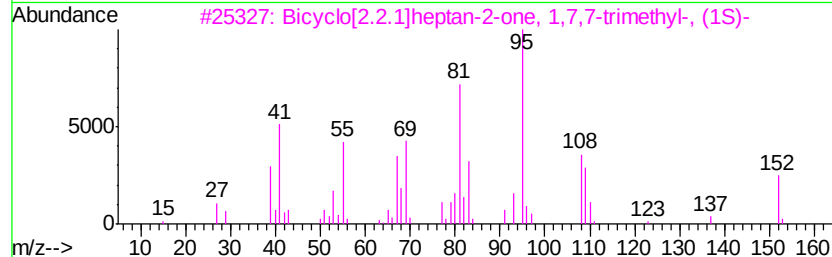
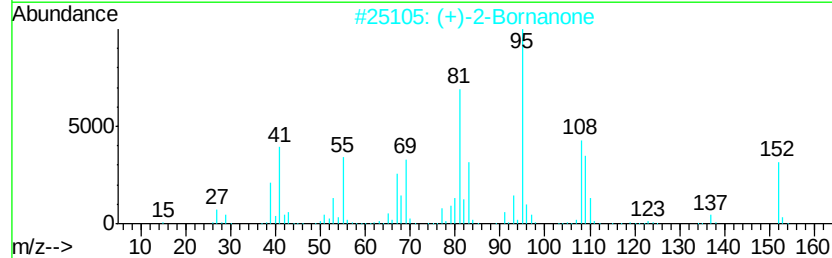
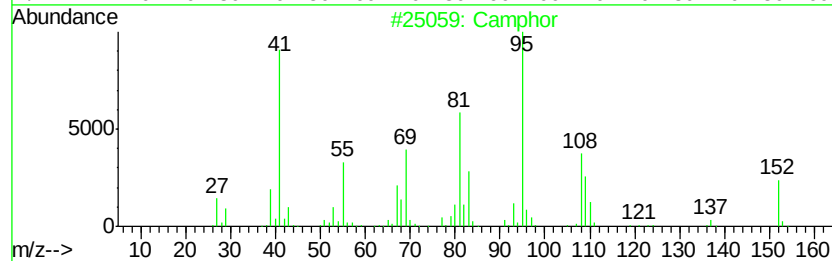
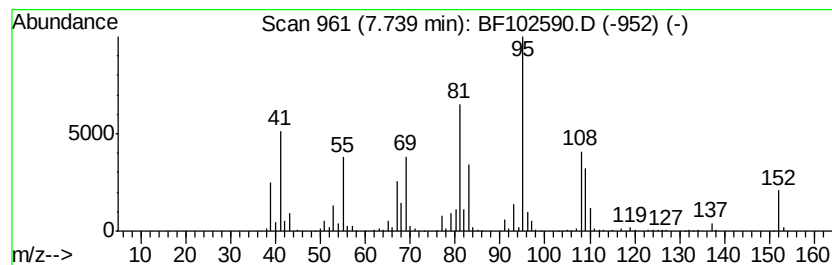
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Camphor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	14.13 ng	761381	Napthalene-d8	8.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphor	152 C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152 C10H16O	000464-49-3	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2	96
4	5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	006752-80-3	49
5	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152 C10H16O	062560-53-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102590.D
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Operator : SJ/JU
Sample : J1257-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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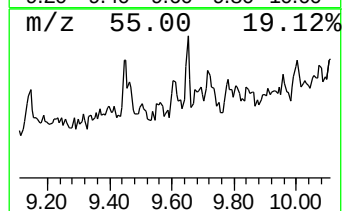
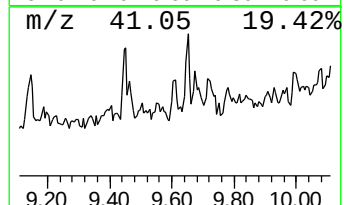
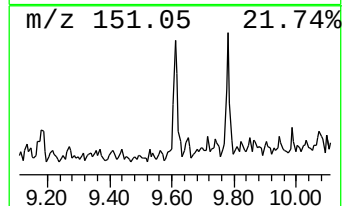
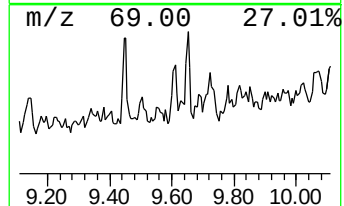
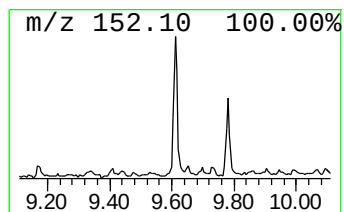
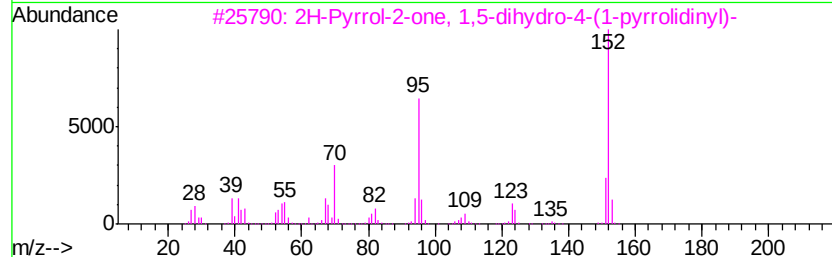
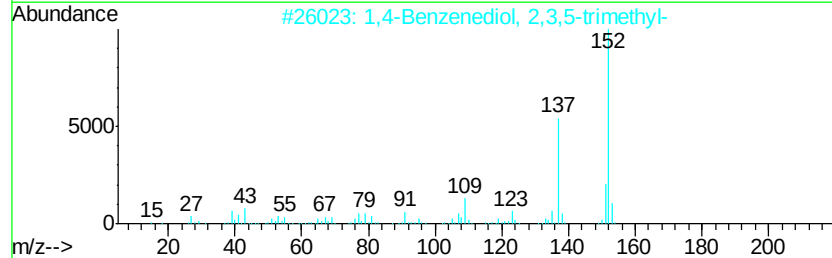
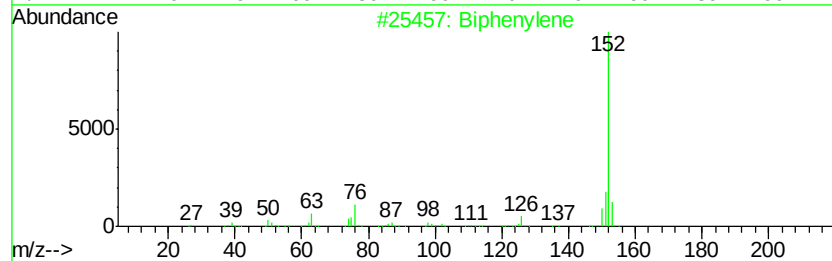
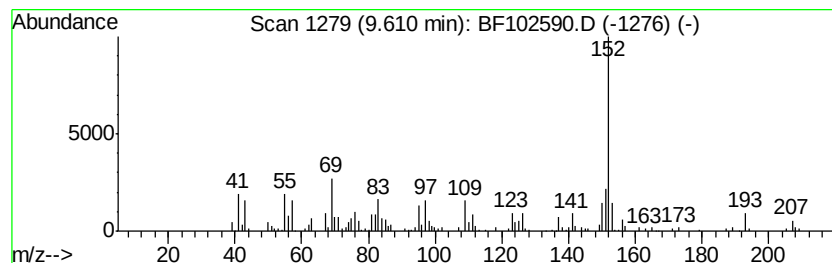
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Biphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.49 ng	151442	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenylene	152	C12H8	000259-79-0	76
2		1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	59
3		2H-Pyrrol-2-one, 1,5-dihydro-4-(...	152	C8H12N2O	105776-93-0	53
4		Acenaphthylene	152	C12H8	000208-96-8	52
5		2-Hydroxy-5-methoxybenzaldehyde,...	194	C10H10O4	1000352-89-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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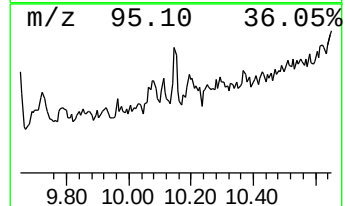
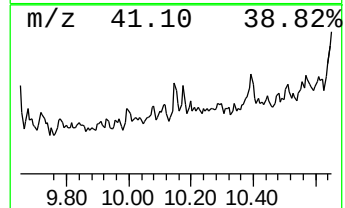
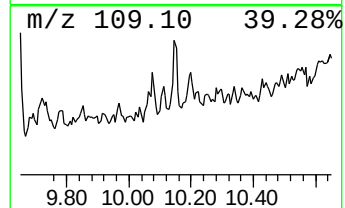
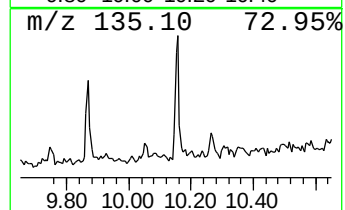
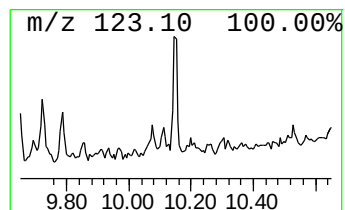
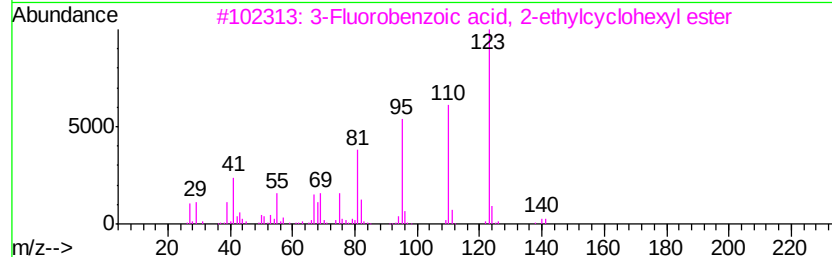
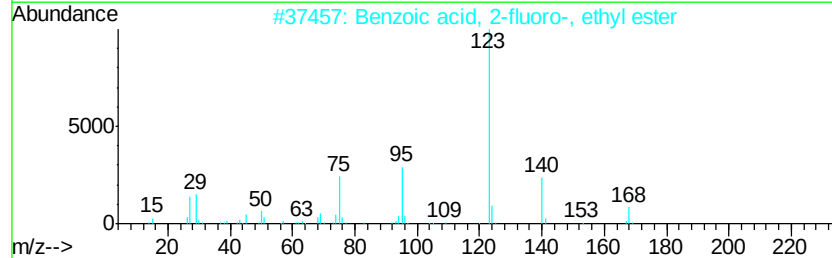
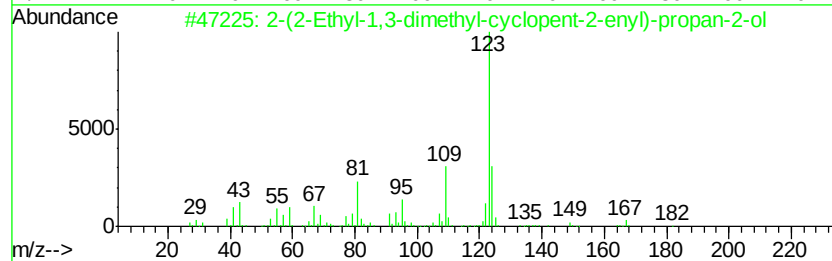
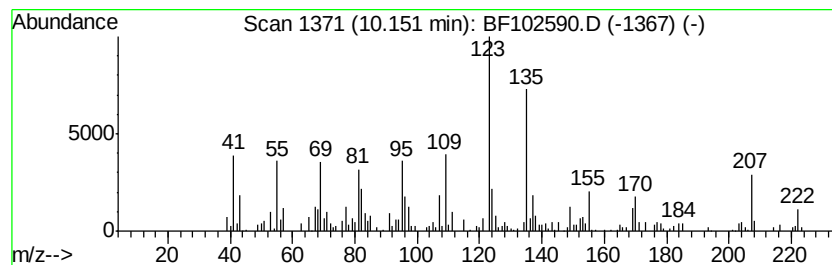
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.15 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.15	2.74 ng	166369	Acenaphthene-d10	9.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Ethyl-1,3-dimethyl-cyclopent-2-enyl)-propan-2-ol	182	C12H22O	1000186-82-4	38	
2	Benzoic acid, 2-fluoro-, ethyl ester	168	C9H9F02	000443-26-5	27	
3	3-Fluorobenzoic acid, 2-ethylcyclohexyl ester	250	C15H19F02	1000279-04-9	27	
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17N02	1000306-89-3	27	
5	3-Fluorobenzoic acid, N'-[1-(2-fluorophenyl)ethoxy]benzyl ester	345	C17H13F2N3O3	1000304-52-3	27	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102590.D
Acq On : 29 Jan 2018 11:53
Operator : SJ/JU
Sample : J1257-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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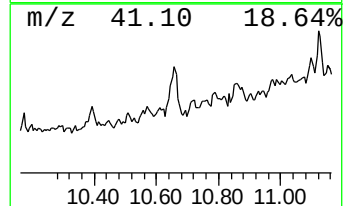
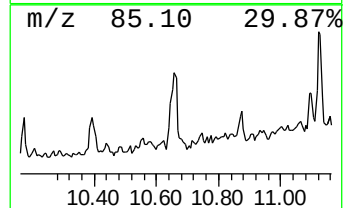
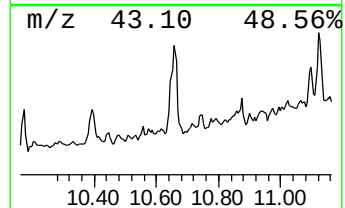
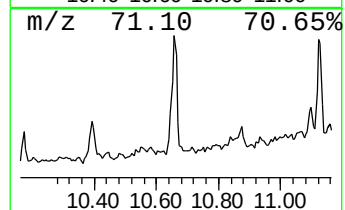
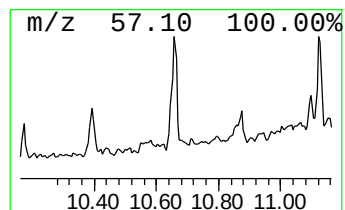
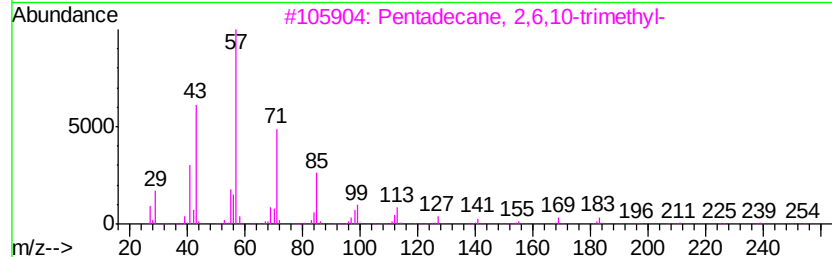
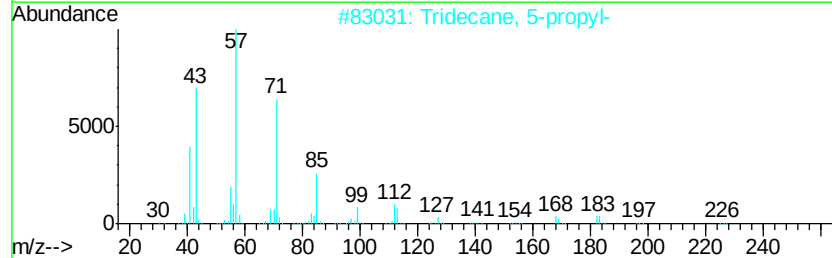
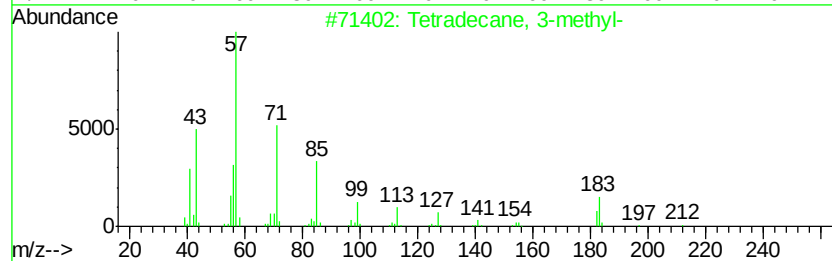
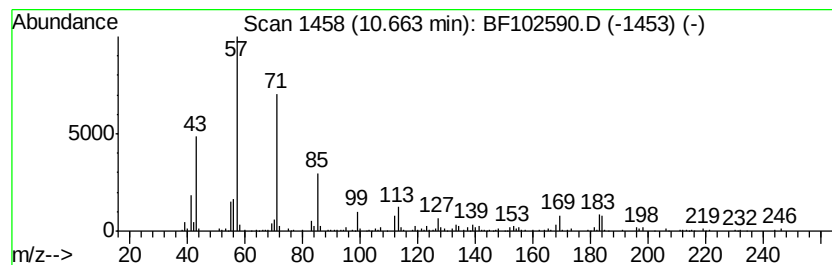
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.71 ng	361736	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4		Tetradecane	198	C14H30	000629-59-4	70
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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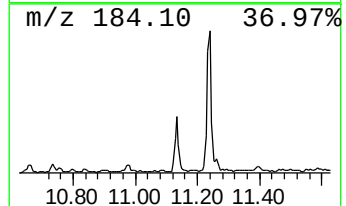
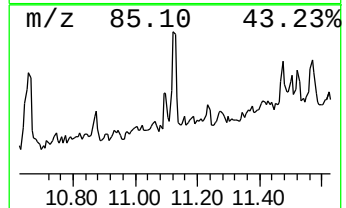
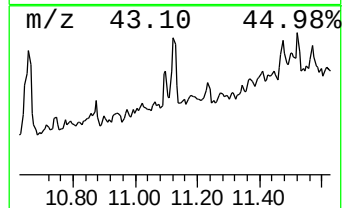
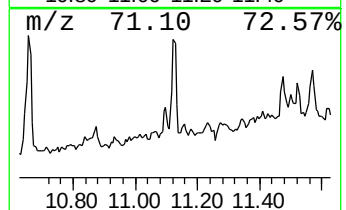
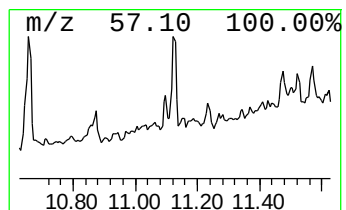
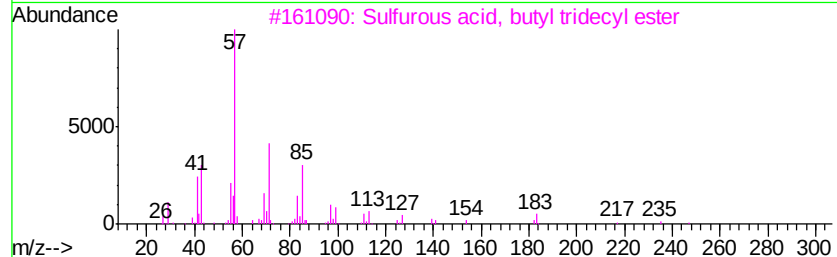
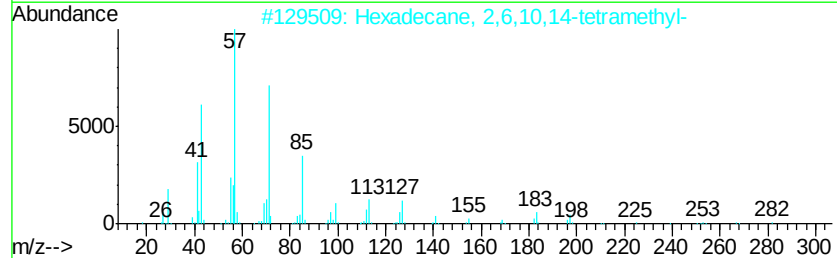
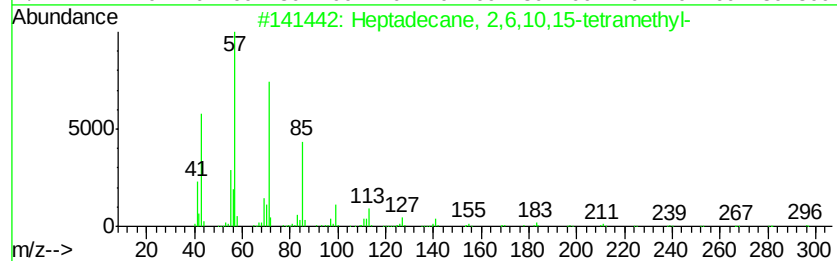
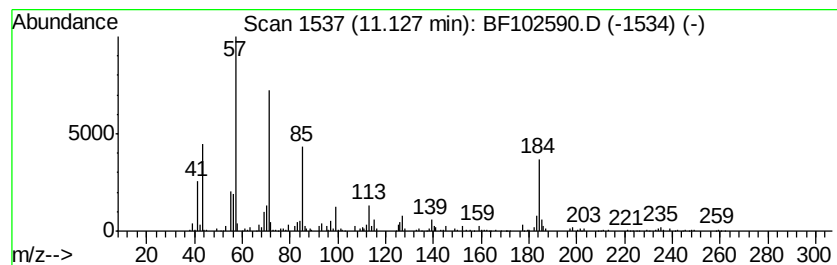
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	4.12 ng	222437	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Mesitylene	6.53	2.3	ng	106708	1	6.71	941347	20.0
Heptadecane	6.83	3.3	ng	155973	1	6.71	941347	20.0
Hexane, 2,2,4-tri...	6.97	3.6	ng	169592	1	6.71	941347	20.0
Camphor	7.74	14.1	ng	761381	2	8.00	1077810	20.0
Biphenylene	9.61	2.5	ng	151442	3	9.75	1214360	20.0
unknown10.15	10.15	2.7	ng	166369	3	9.75	1214360	20.0
Tetradecane, 3-me...	10.66	6.7	ng	361736	4	11.24	1078580	20.0
Heptadecane, 2,6,...	11.13	4.1	ng	222437	4	11.24	1078580	20.0