

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084149.D
 Acq On : 26 Dec 2015 00:56
 Operator : UM/SJ
 Sample : G4954-13
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2SP-1(0-2)8E

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-BF122415.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	4.967	249	252	259	rVB	144464	244930	8.46%	0.307%
2	5.413	289	291	294	rBV	1127851	1054176	36.40%	1.323%
3	6.041	344	346	349	rVB2	232694	280825	9.70%	0.352%
4	6.236	360	363	366	rBV4	95771	218573	7.55%	0.274%
5	6.327	366	371	375	rVB5	145949	418108	14.44%	0.525%
6	6.396	375	377	380	rBV2	82363	141694	4.89%	0.178%
7	6.453	380	382	385	rBV	928280	1092927	37.74%	1.371%
8	6.544	387	390	391	rBV	145569	279719	9.66%	0.351%
9	6.579	391	393	395	rVB	1058296	1222334	42.21%	1.534%
10	6.659	398	400	401	rVB2	119583	149728	5.17%	0.188%
11	6.750	401	408	409	rBV4	118444	290207	10.02%	0.364%
12	6.796	411	412	413	rBV	400710	334988	11.57%	0.420%
13	6.819	413	414	416	rVB	383135	450004	15.54%	0.565%
14	6.864	416	418	420	rBV2	211622	337916	11.67%	0.424%
15	6.956	424	426	427	rBV	1281930	1217221	42.04%	1.527%
16	6.979	427	428	430	rVB2	400170	435350	15.03%	0.546%
17	7.082	430	437	439	rBV4	317970	1046468	36.14%	1.313%
18	7.127	439	441	442	rBV2	253517	332060	11.47%	0.417%
19	7.196	445	447	448	rBV	562002	497142	17.17%	0.624%
20	7.299	453	456	457	rBV3	104903	208526	7.20%	0.262%
21	7.344	457	460	461	rBV	839309	1181673	40.81%	1.483%
22	7.447	467	469	471	rBV2	433827	720379	24.88%	0.904%
23	7.493	471	473	474	rVV	212954	270993	9.36%	0.340%
24	7.527	474	476	477	rVV2	324448	367491	12.69%	0.461%
25	7.584	477	481	482	rVV2	337833	813403	28.09%	1.021%
26	7.607	482	483	485	rVB	728317	743113	25.66%	0.932%
27	7.733	488	494	496	rBV5	539015	1750899	60.47%	2.197%
28	7.779	496	498	499	rVB2	253895	276302	9.54%	0.347%
29	7.824	499	502	504	rBV2	721828	1194301	41.24%	1.499%
30	7.927	507	511	512	rBV3	478079	787927	27.21%	0.989%
31	7.962	512	514	515	rBV	402443	388769	13.43%	0.488%
32	7.996	515	517	519	rVB2	179069	172522	5.96%	0.216%
33	8.087	519	525	526	rBV4	1210666	2457797	84.88%	3.084%
34	8.110	526	527	528	rVV	684079	679814	23.48%	0.853%

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35	8.145	528	530	531	rVV2	434191	640472	22.12%	0.804%
36	8.167	531	532	535	rVB2	847571	866665	29.93%	1.087%
37	8.293	538	543	545	rBV4	604106	1591402	54.96%	1.997%
38	8.339	545	547	548	rBV2	304097	375941	12.98%	0.472%
39	8.385	548	551	553	rVB4	767456	1352827	46.72%	1.697%
40	8.419	553	554	555	rBV	279223	280317	9.68%	0.352%
41	8.476	557	559	561	rVB2	635438	789243	27.26%	0.990%
42	8.533	561	564	566	rBV2	1259490	2142785	74.00%	2.689%
43	8.602	568	570	571	rBV	1352033	1383350	47.77%	1.736%
44	8.659	571	575	576	rVB4	326138	588611	20.33%	0.739%
45	8.693	576	578	579	rBV2	400136	644850	22.27%	0.809%
46	8.750	581	583	585	rVB2	603559	743269	25.67%	0.933%
47	8.842	590	591	593	rBV2	242937	408388	14.10%	0.512%
48	8.922	593	598	600	rVV3	1406760	2895706	100.00%	3.633%
49	9.002	604	605	607	rVB2	414197	510759	17.64%	0.641%
50	9.127	613	616	618	rBV3	1735887	2102125	72.59%	2.638%
51	9.162	618	619	622	rVV2	739441	1016240	35.09%	1.275%
52	9.207	622	623	624	rVB	306773	210446	7.27%	0.264%
53	9.253	624	627	630	rBV4	579807	1223531	42.25%	1.535%
54	9.322	630	633	634	rVV2	1091517	1434116	49.53%	1.799%
55	9.367	636	637	640	rVV2	529126	747051	25.80%	0.937%
56	9.436	640	643	645	rVV3	946090	1793961	61.95%	2.251%
57	9.516	645	650	651	rVV	1236275	2692566	92.98%	3.378%
58	9.585	653	656	657	rVV2	1567265	2758158	95.25%	3.461%
59	9.630	658	660	662	rVV	910102	1293031	44.65%	1.622%
60	9.710	666	667	670	rVV3	534798	732788	25.31%	0.919%
61	9.756	670	671	673	rVV2	496179	602656	20.81%	0.756%
62	9.848	676	679	680	rVV3	537558	1173520	40.53%	1.472%
63	9.870	680	681	687	rVV6	398133	1127624	38.94%	1.415%
64	9.950	687	688	690	rVB2	693507	821054	28.35%	1.030%
65	10.008	690	693	694	rBV3	235238	425184	14.68%	0.533%
66	10.053	694	697	699	rVV	866446	1192807	41.19%	1.497%
67	10.110	699	702	705	rVB4	557942	1275732	44.06%	1.601%
68	10.168	705	707	710	rBV2	724432	1378313	47.60%	1.729%
69	10.270	713	716	718	rVV3	347194	785090	27.11%	0.985%
70	10.339	720	722	724	rVB2	286052	407578	14.08%	0.511%
71	10.385	724	726	727	rBV2	461678	540870	18.68%	0.679%

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72	10.453	730	732	733	rVV2	426915	439082	15.16%	0.551%
73	10.510	735	737	738	rVV	973739	1226350	42.35%	1.539%
74	10.545	738	740	743	rVB4	295624	498291	17.21%	0.625%
75	10.636	745	748	749	rBV2	602201	745109	25.73%	0.935%
76	10.670	749	751	754	rVB3	228790	372064	12.85%	0.467%
77	10.773	757	760	762	rBV	1921925	2225562	76.86%	2.792%
78	10.831	763	765	766	rBV2	168224	169393	5.85%	0.213%
79	10.968	776	777	780	rVB2	483469	490669	16.94%	0.616%
80	11.093	785	788	790	rBV3	205617	368578	12.73%	0.462%
81	11.196	795	797	798	rBV2	222035	266821	9.21%	0.335%
82	11.231	798	800	803	rVB	1113056	1508682	52.10%	1.893%
83	11.356	806	811	812	rBV2	452718	927620	32.03%	1.164%
84	11.448	817	819	820	rBV	173180	207566	7.17%	0.260%
85	11.585	828	831	833	rBV3	307080	460099	15.89%	0.577%
86	11.825	850	852	854	rBV	200515	412822	14.26%	0.518%
87	11.859	854	855	857	rVV	406417	314192	10.85%	0.394%
88	11.939	860	862	866	rVB2	417818	751842	25.96%	0.943%
89	12.305	892	894	898	rVB2	235802	372506	12.86%	0.467%
90	12.385	898	901	902	rBV	277724	374312	12.93%	0.470%
91	12.419	902	904	907	rVB	109286	148771	5.14%	0.187%
92	12.545	912	915	917	rVV	467096	617944	21.34%	0.775%
93	12.774	932	935	938	rVB	402282	718129	24.80%	0.901%
94	12.911	945	947	949	rBV	775358	844825	29.18%	1.060%
95	13.962	1036	1039	1041	rBV2	450362	792178	27.36%	0.994%
96	14.991	1127	1129	1136	rVB	268557	609360	21.04%	0.765%
97	15.277	1152	1154	1157	rVB	139341	164901	5.69%	0.207%
98	15.334	1157	1159	1162	rVB	189616	254050	8.77%	0.319%
99	15.391	1162	1164	1166	rBV	181068	226341	7.82%	0.284%
100	16.808	1285	1288	1292	rVB	80419	182744	6.31%	0.229%

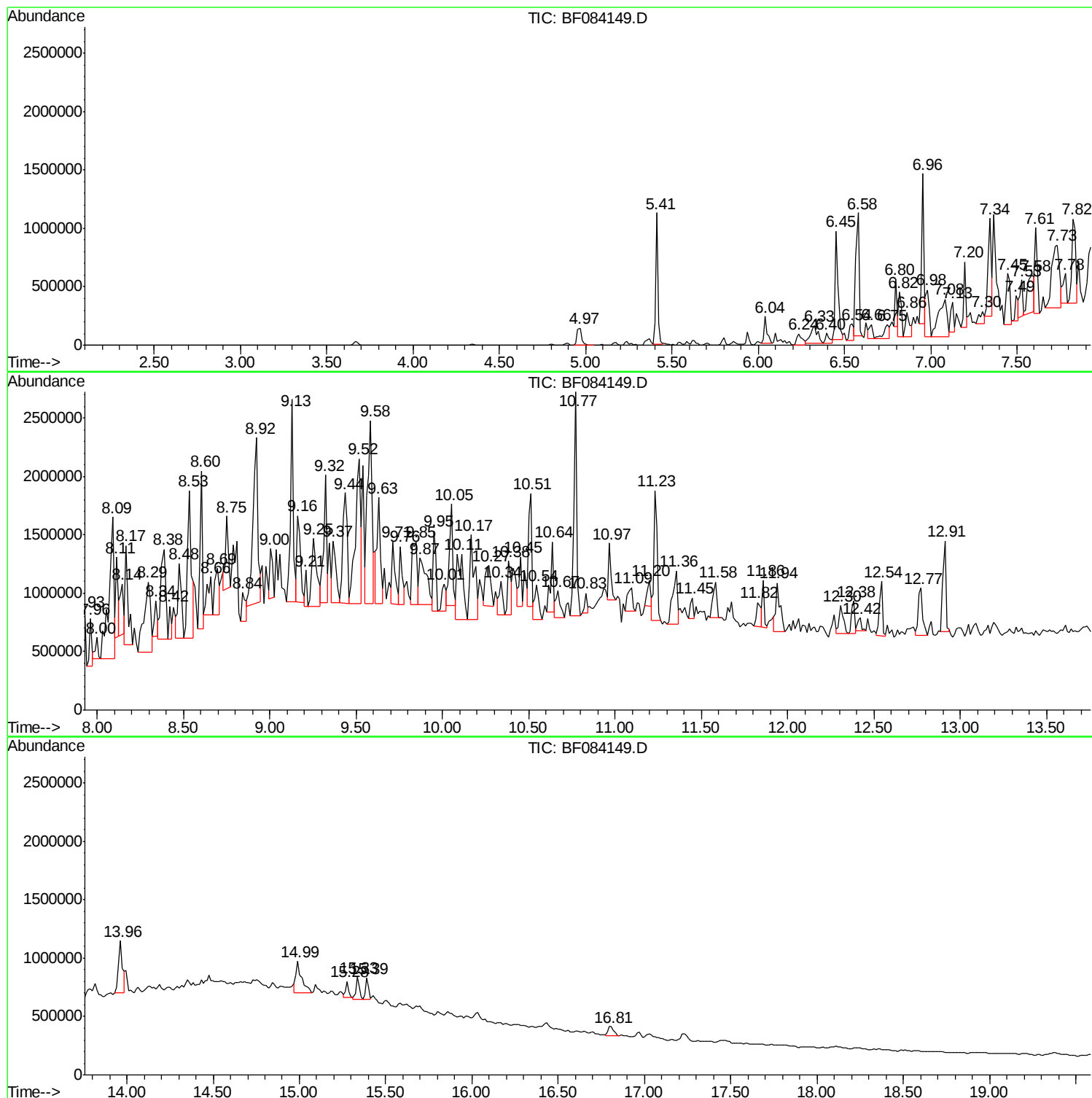
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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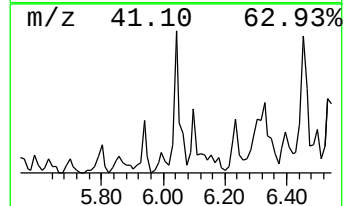
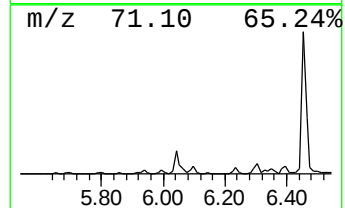
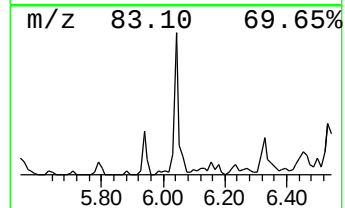
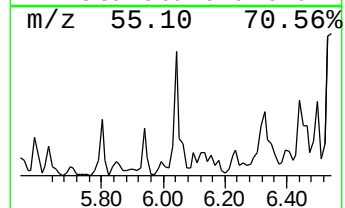
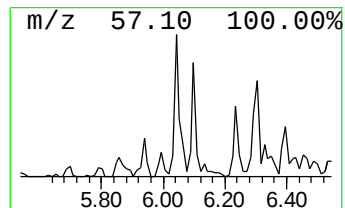
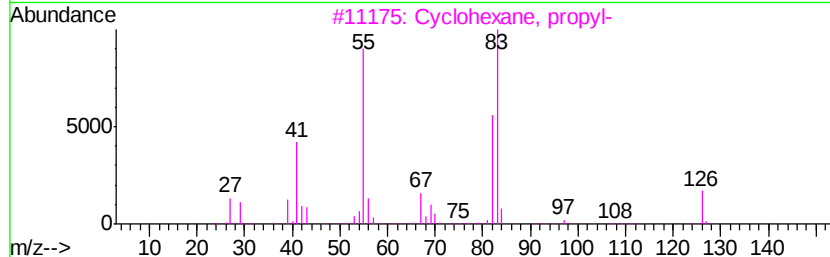
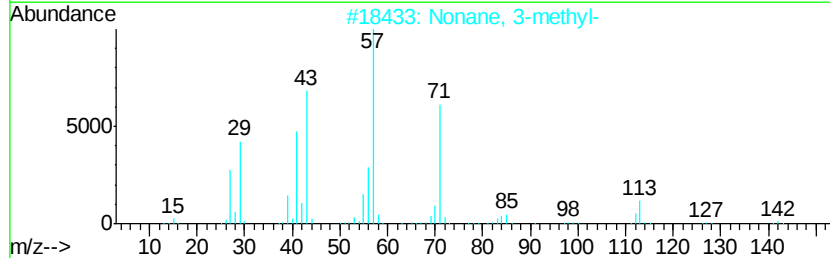
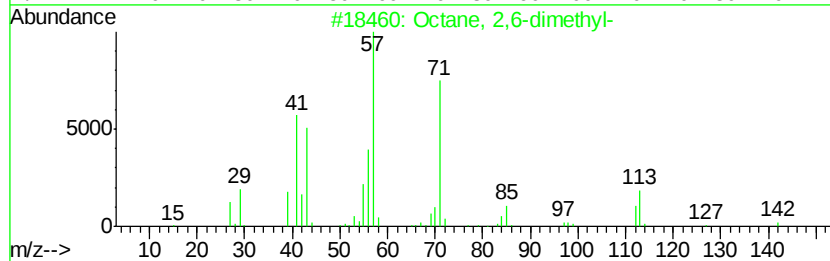
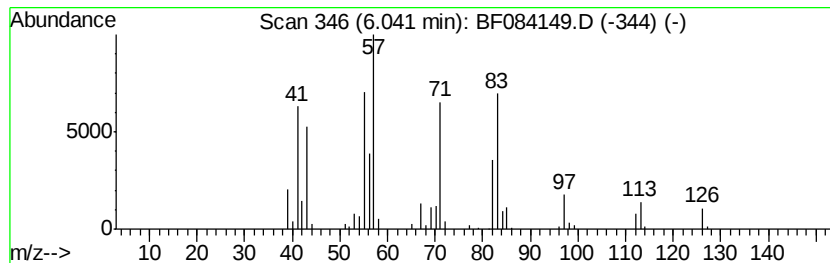
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	16.77 ng	280825	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	42
4		3-Ethylcyclopentanone	112	C7H12O	010264-55-8	41
5		Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38



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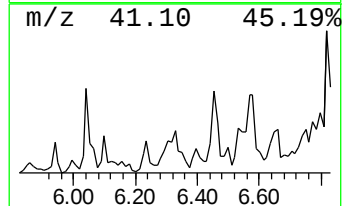
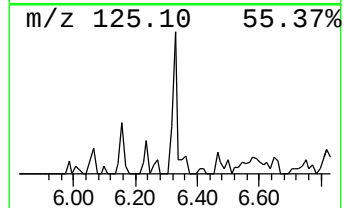
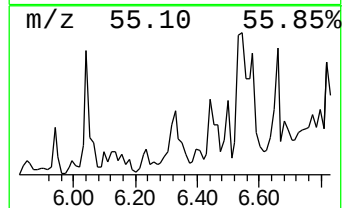
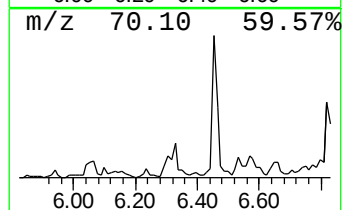
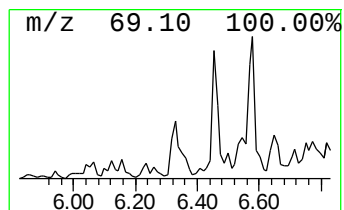
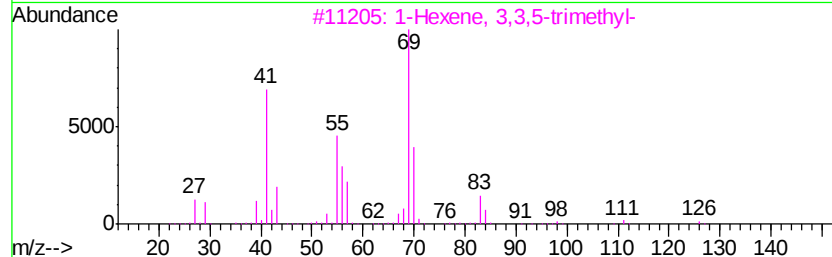
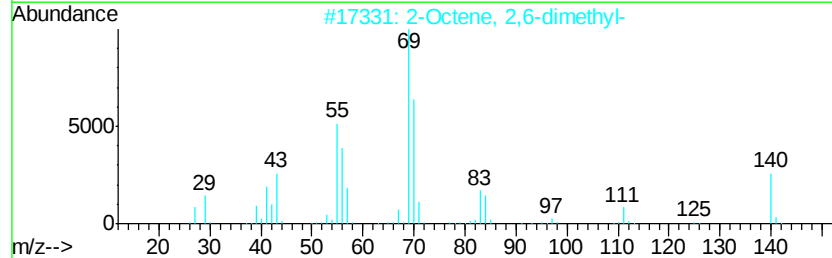
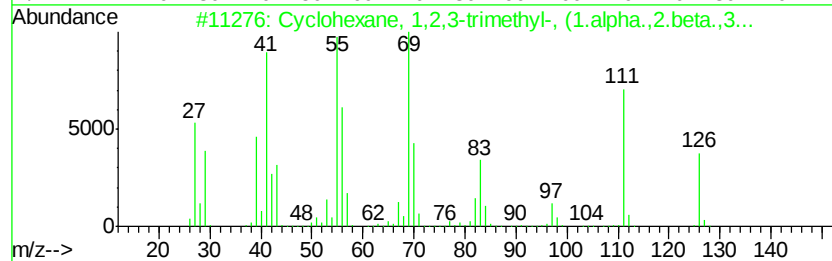
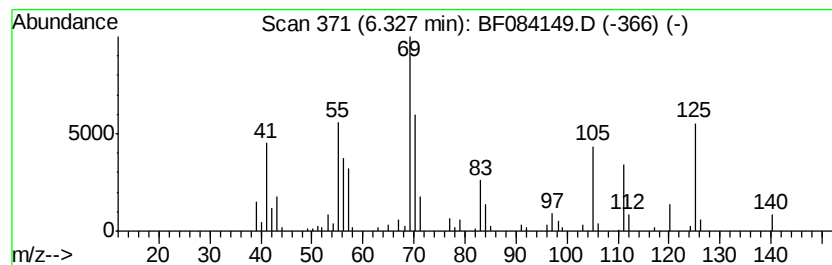
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,2,3-trimethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	24.96 ng	418108	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	70
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43



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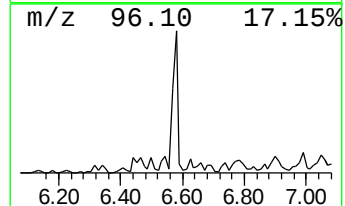
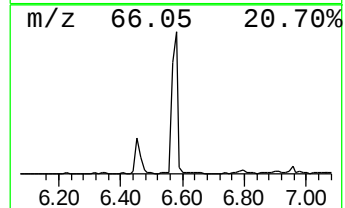
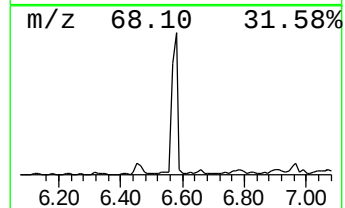
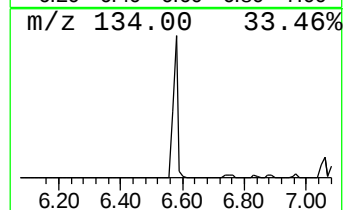
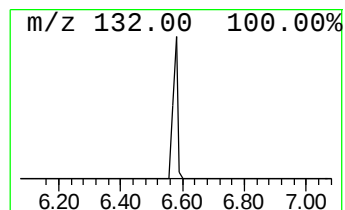
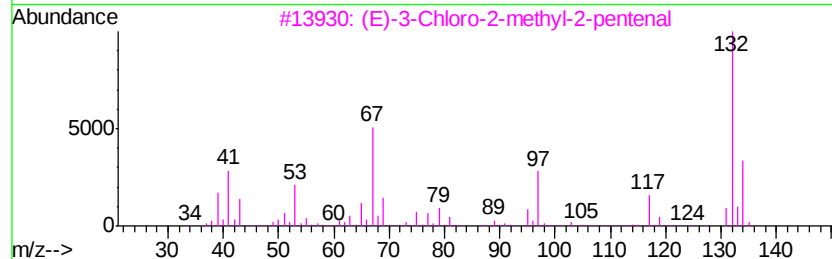
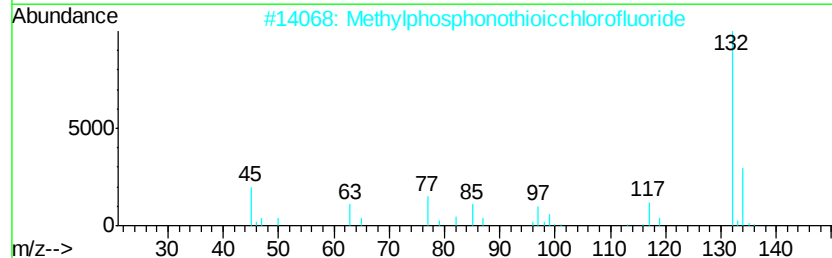
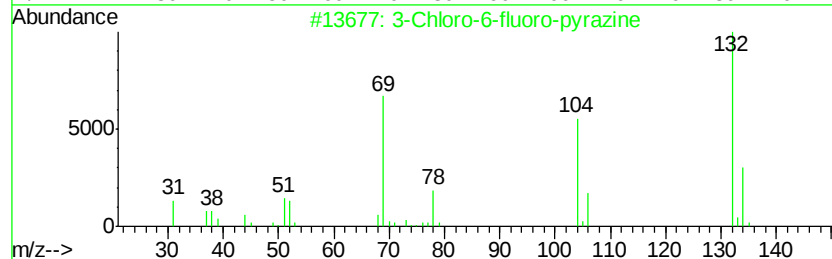
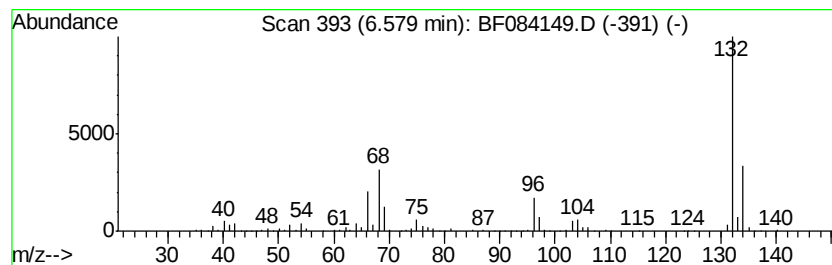
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Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	72.98 ng	1222330	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	35
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
Sample : G4954-13
Misc :
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ClientSampleId :
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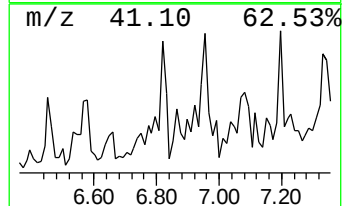
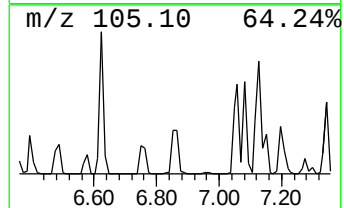
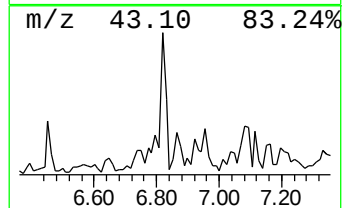
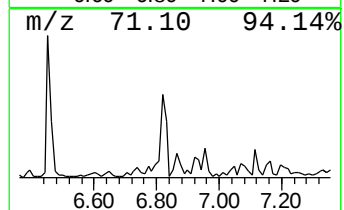
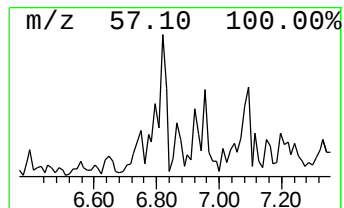
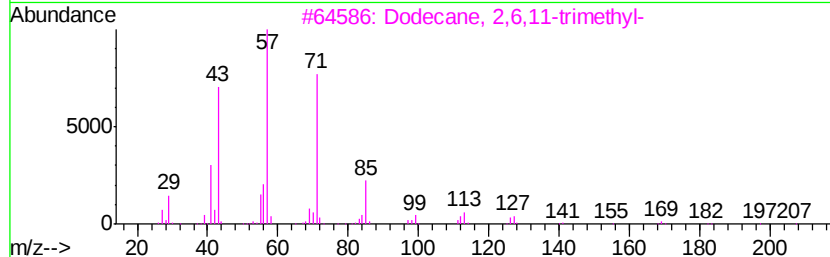
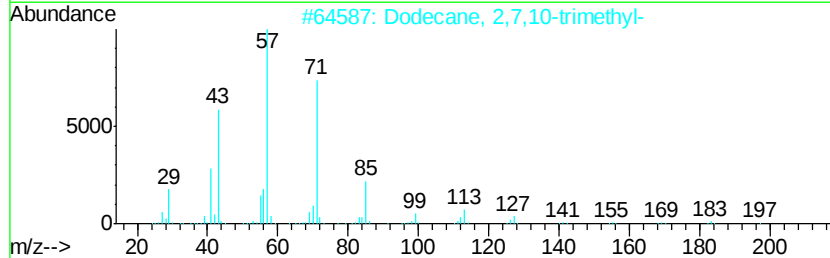
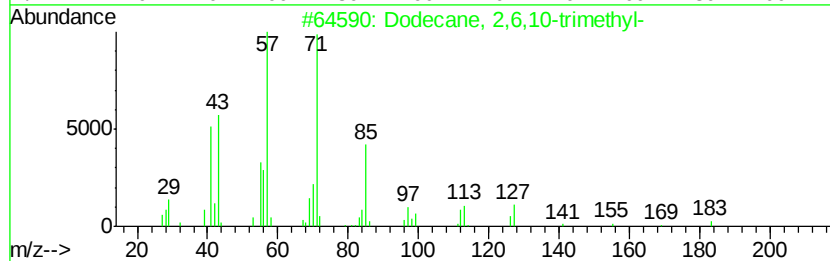
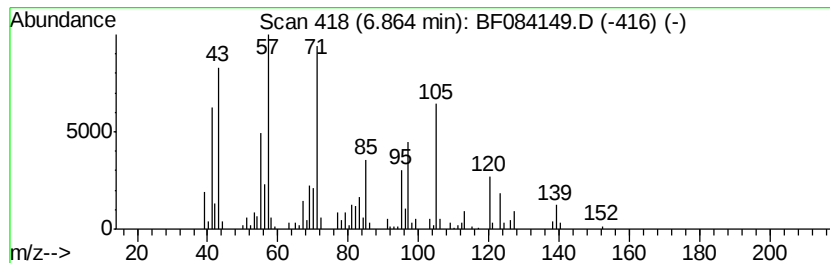
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	20.17 ng	337916	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
4		Tetratetracontane	619	C44H90	007098-22-8	27
5		4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
Sample : G4954-13
Misc :
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Instrument :
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ClientSampleId :
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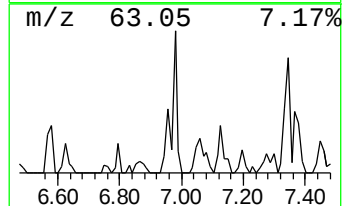
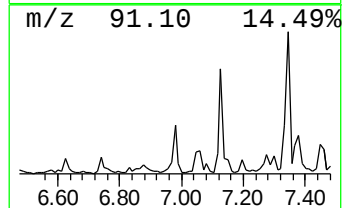
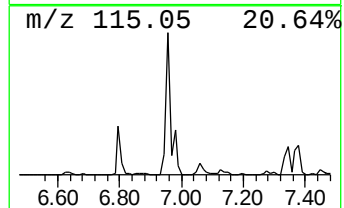
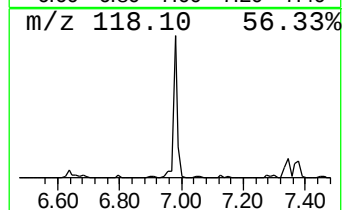
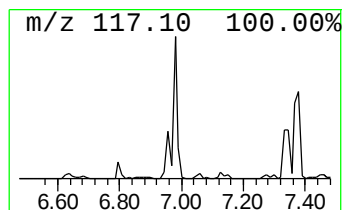
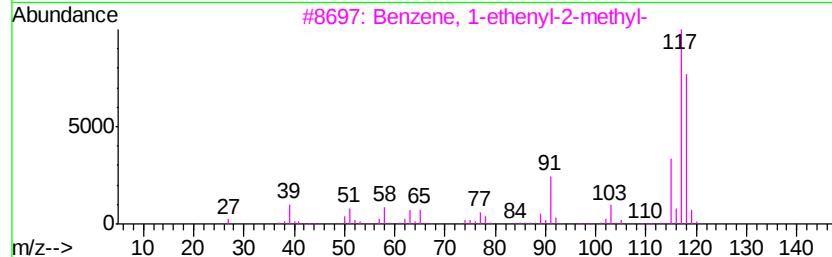
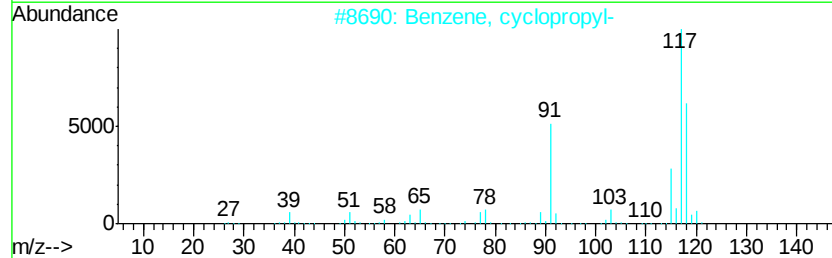
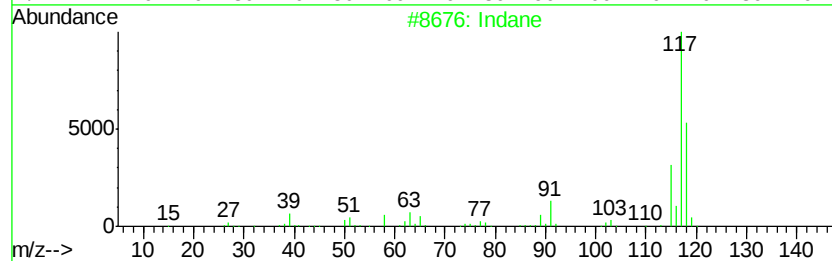
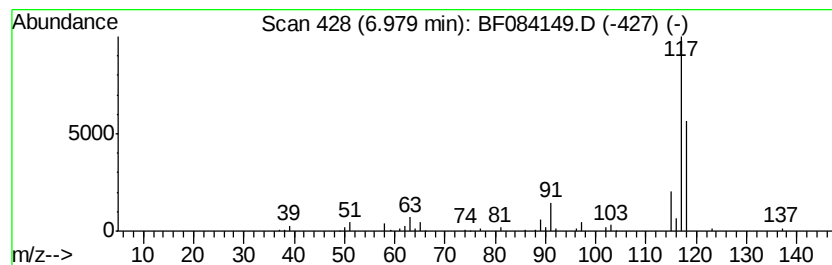
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	25.99 ng	435350	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	74
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5		Indan, 1-methyl-	132	C10H12	000767-58-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
Sample : G4954-13
Misc :
ALS Vial : 66 Sample Multiplier: 1

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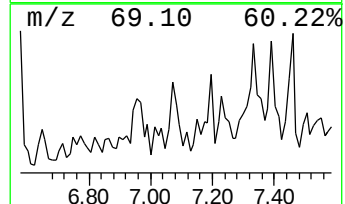
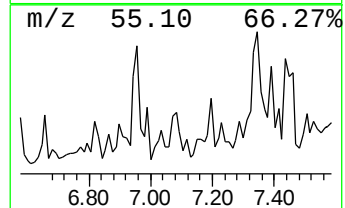
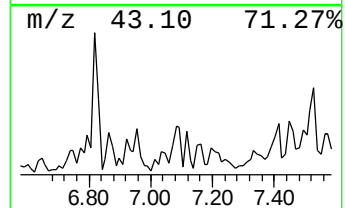
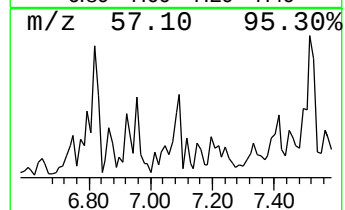
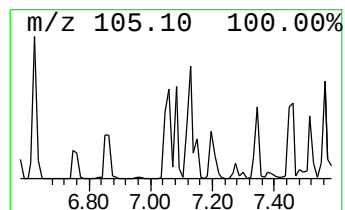
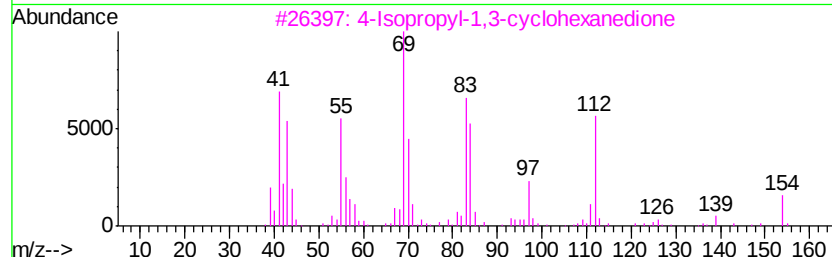
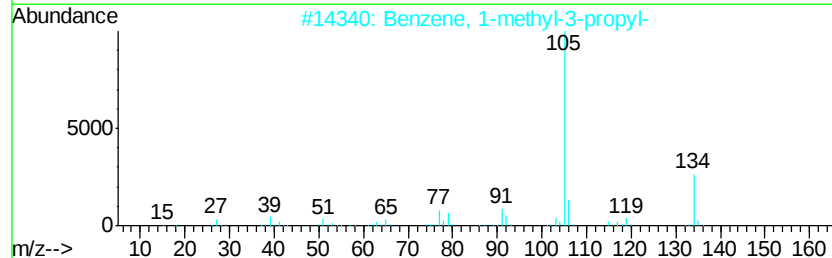
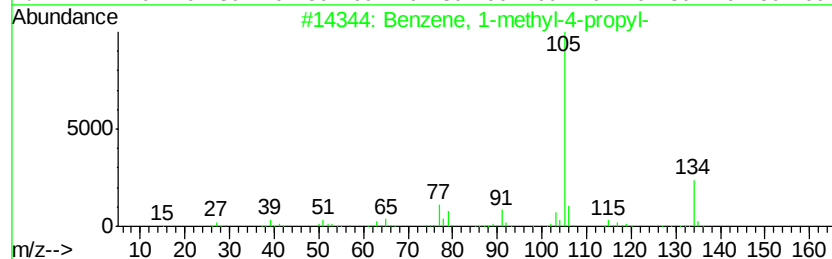
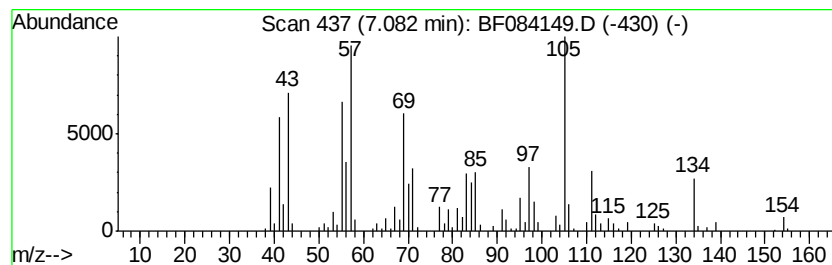
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	62.48 ng	1046470	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
3		4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	25
4		2-Tolylloxirane	134	C9H10O	002783-26-8	20
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
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Misc :
ALS Vial : 66 Sample Multiplier: 1

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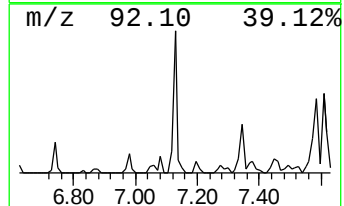
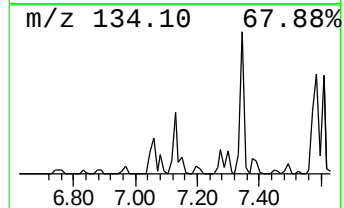
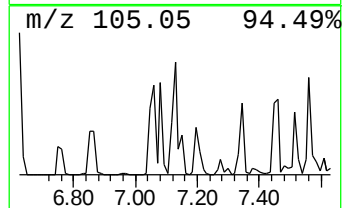
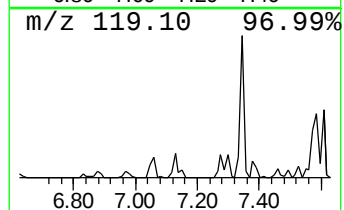
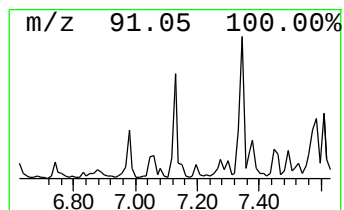
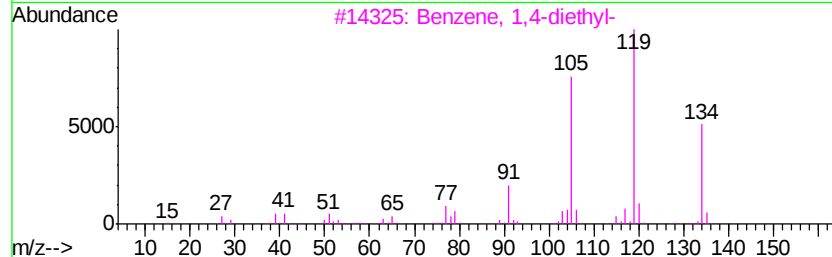
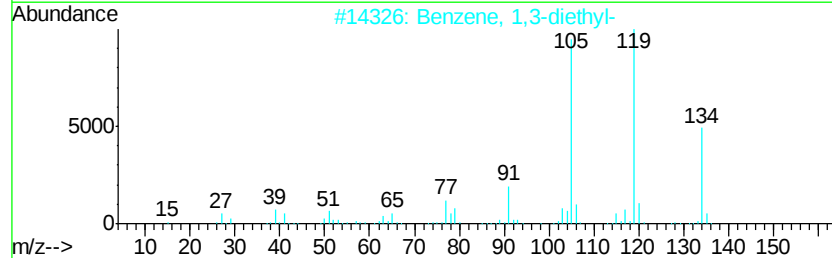
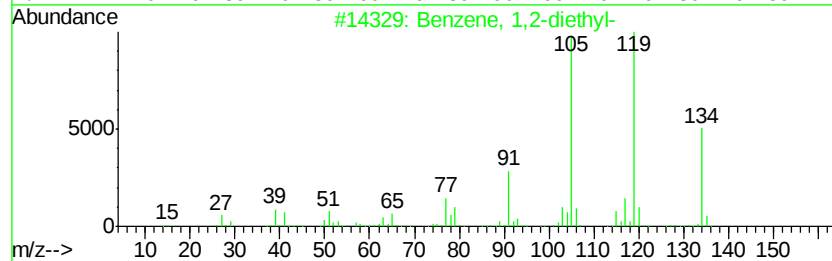
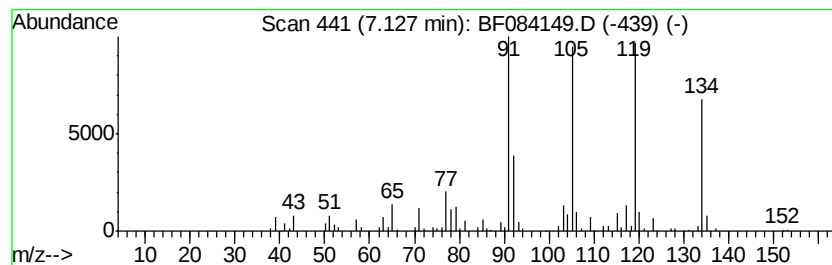
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	19.83 ng	332060	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084149.D
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Operator : UM/SJ
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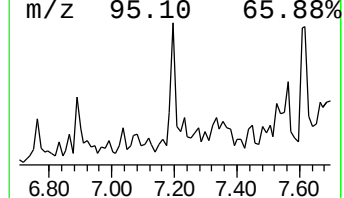
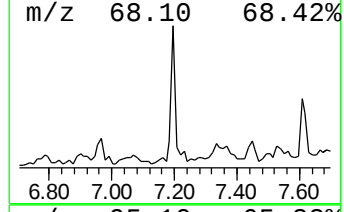
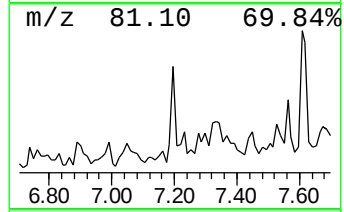
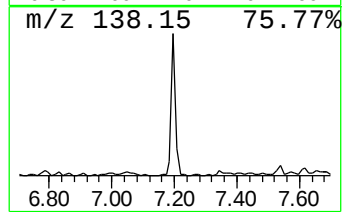
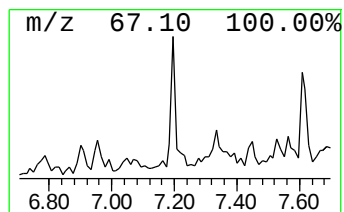
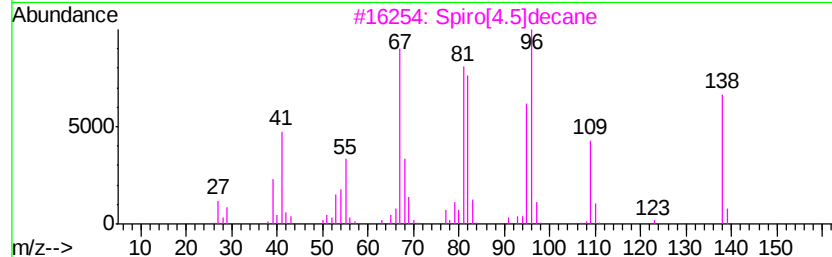
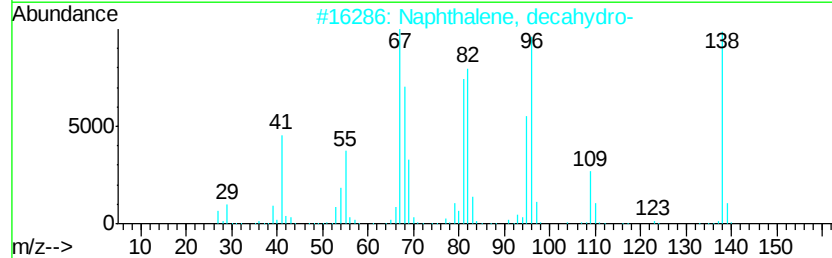
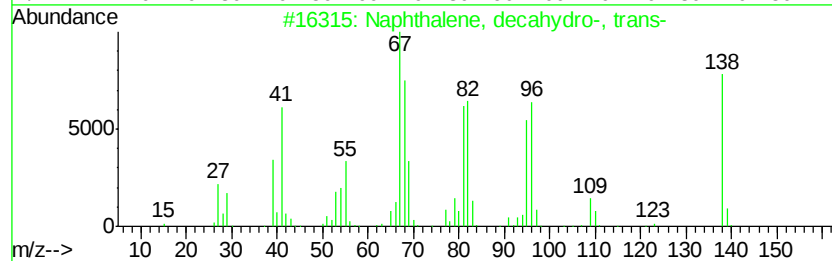
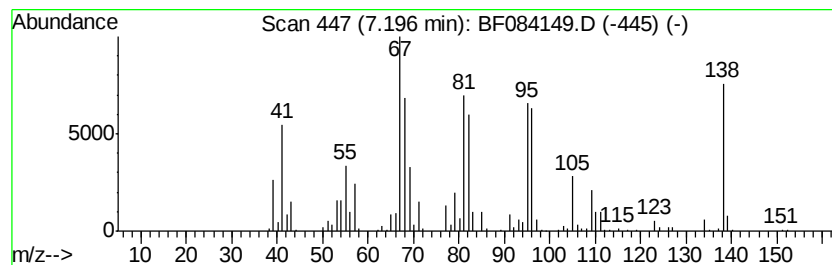
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, decahydro-, tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	29.68 ng	497142	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		Spiro[4.5]decane	138	C10H18	000176-63-6	81
4		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
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Acq On : 26 Dec 2015 00:56
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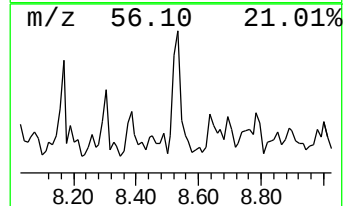
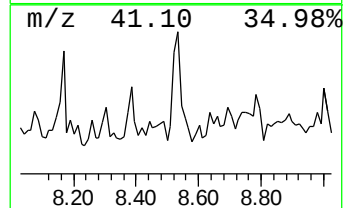
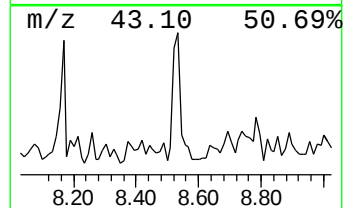
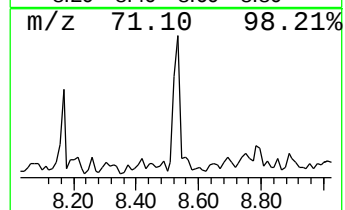
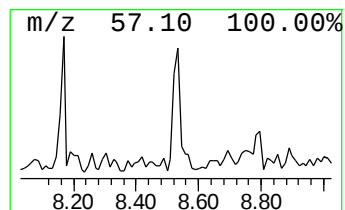
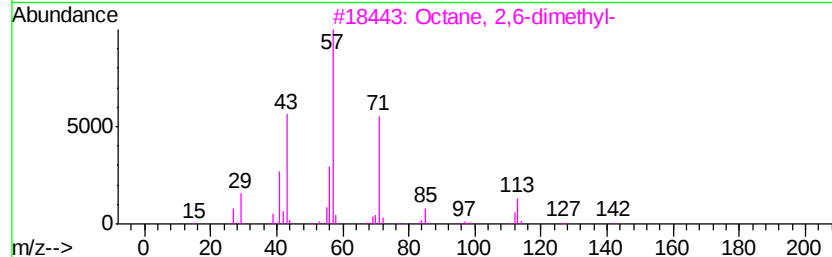
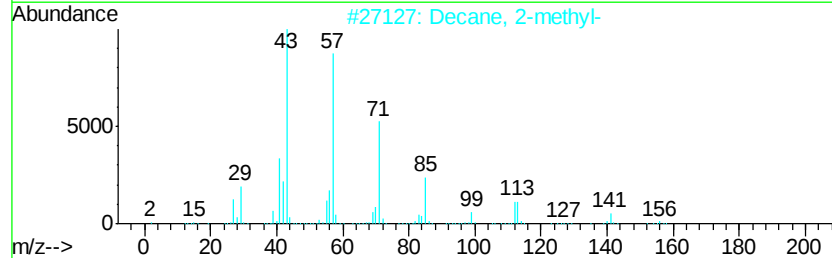
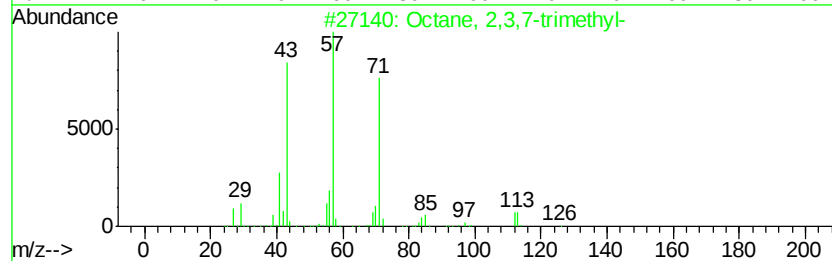
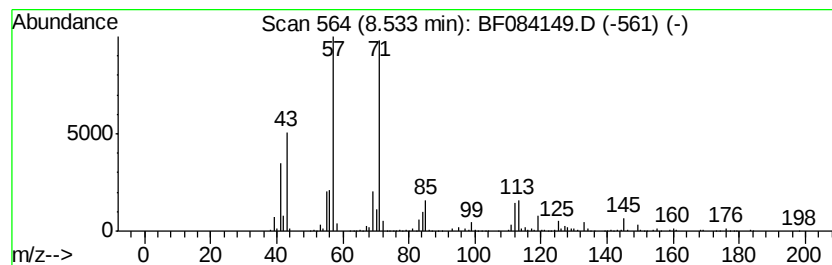
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,3,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	17.44 ng	2142790	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
2		Decane, 2-methyl-	156	C11H24	006975-98-0	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
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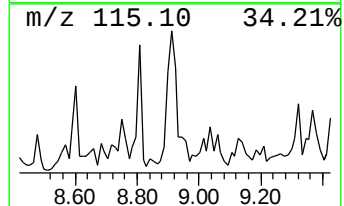
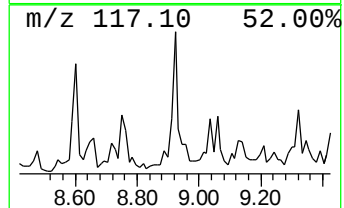
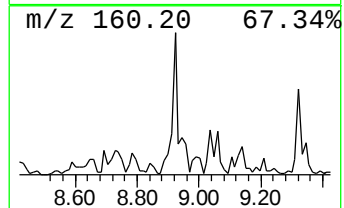
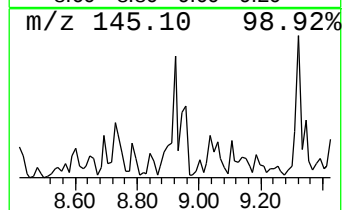
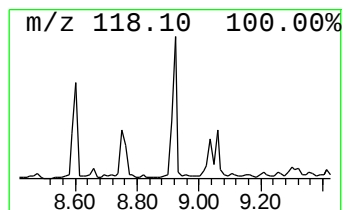
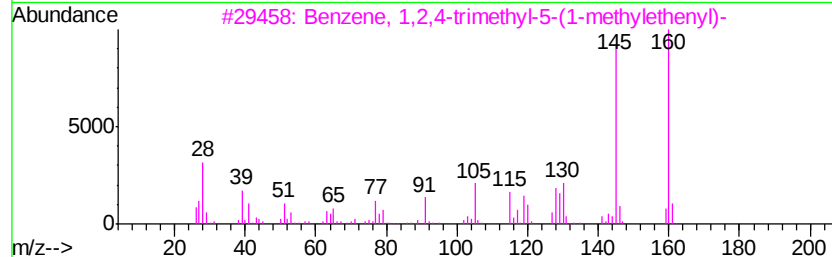
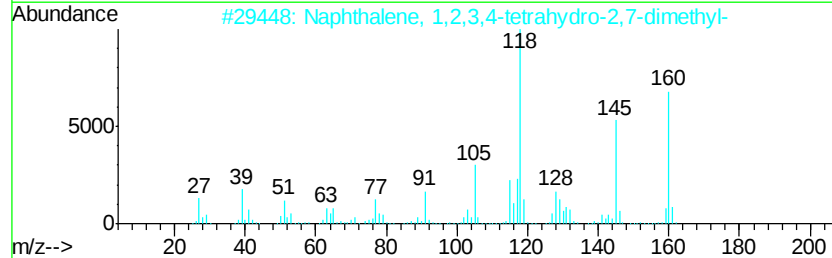
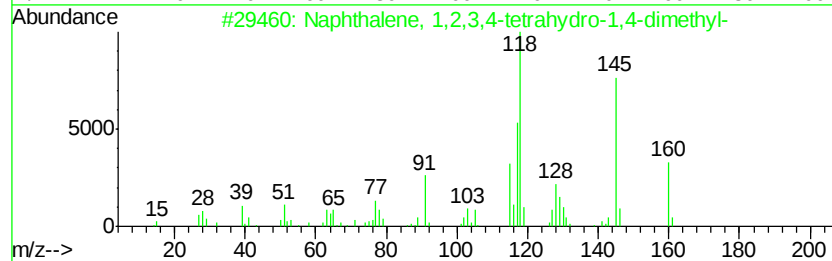
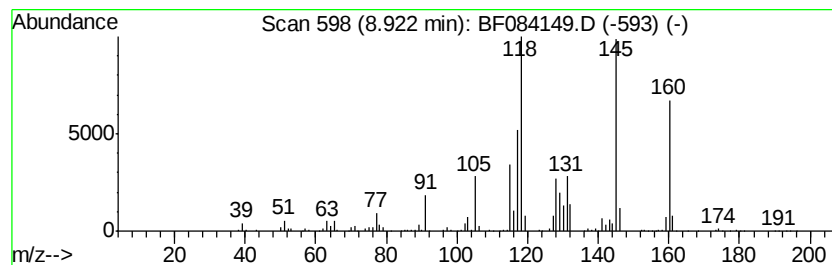
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	23.56 ng	2895710	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3		Benzene, 1,2,4-trimethyl-5-(1-methyl-...	160	C12H16	054340-84-0	64
4		Benzene, 4-(2-butenyl)-1,2-dimethyl-...	160	C12H16	054340-86-2	64
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
Sample : G4954-13
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2SP-1(0-2)8E

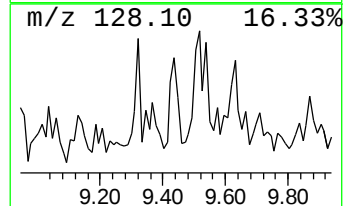
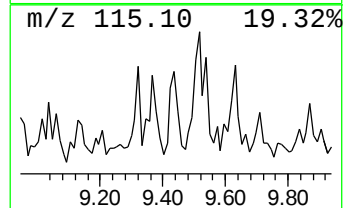
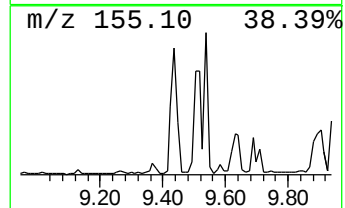
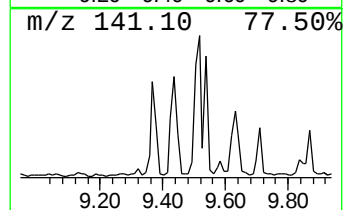
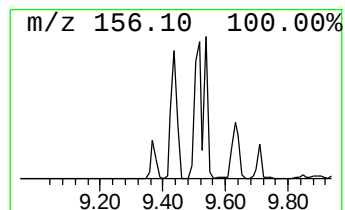
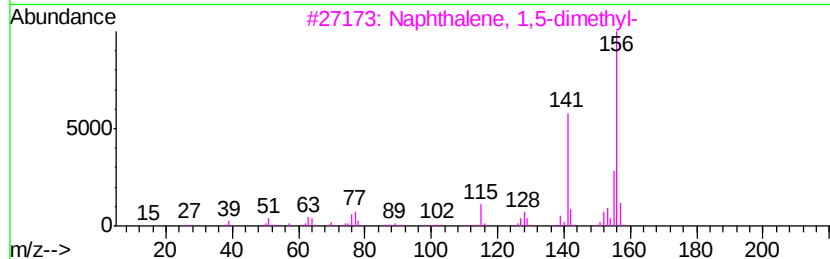
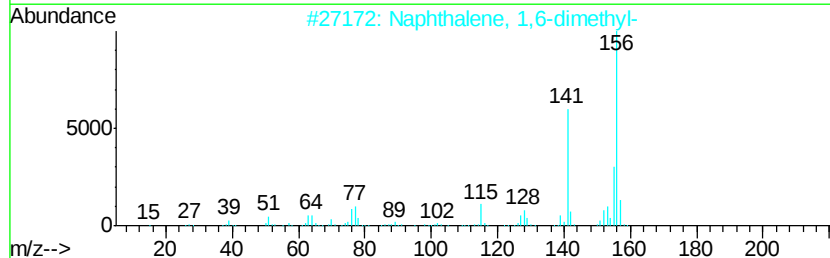
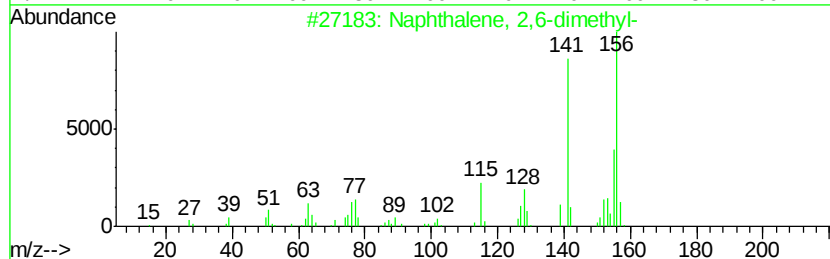
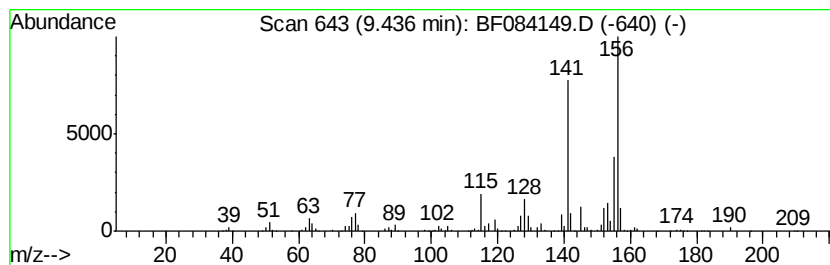
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	30.57 ng	1793960	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
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Operator : UM/SJ
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ClientSampleId :
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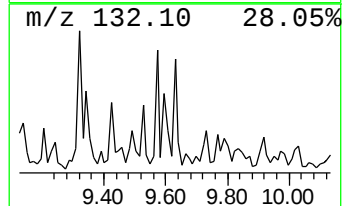
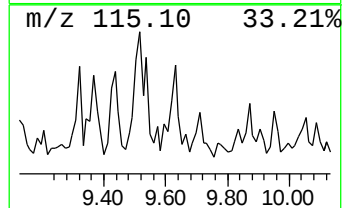
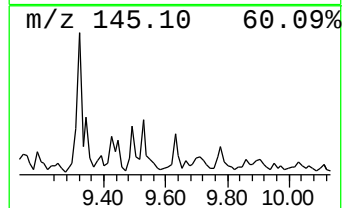
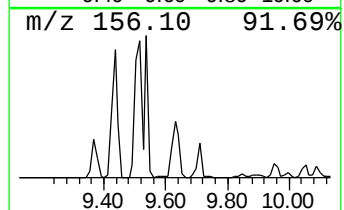
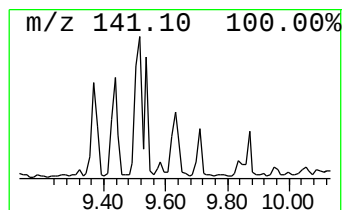
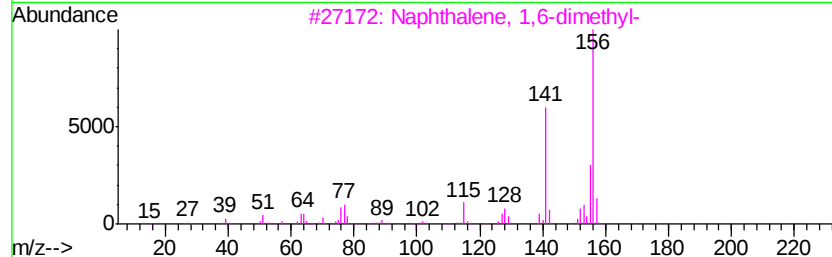
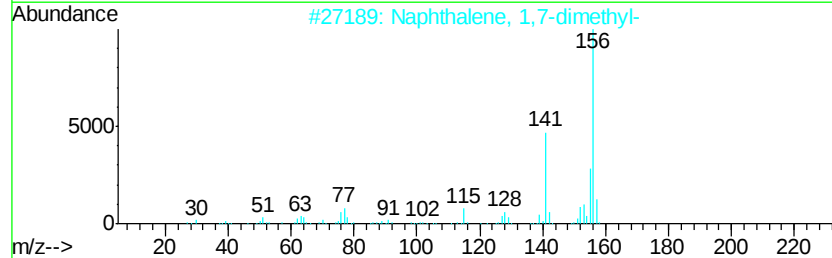
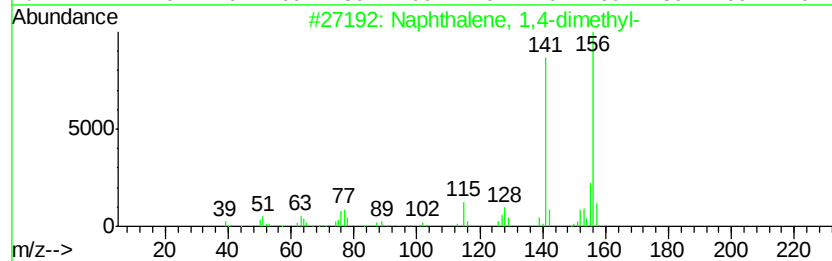
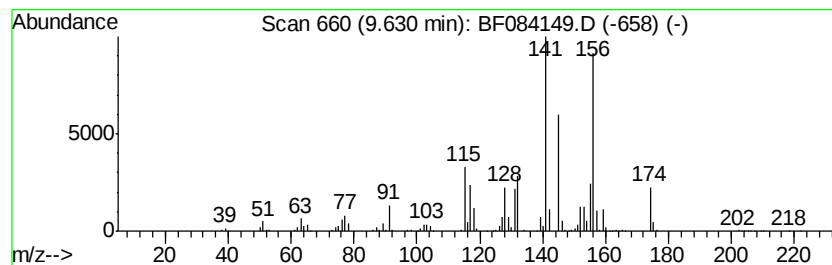
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	22.04 ng	1293030	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
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Misc :
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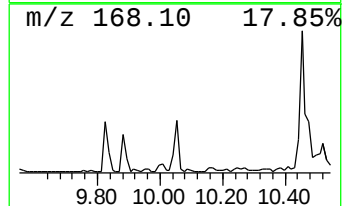
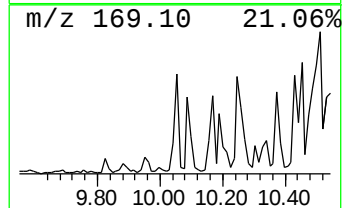
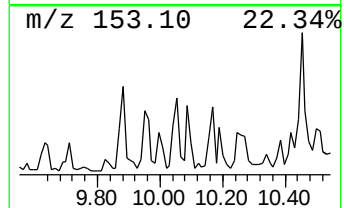
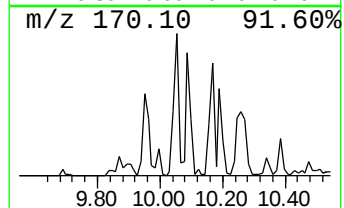
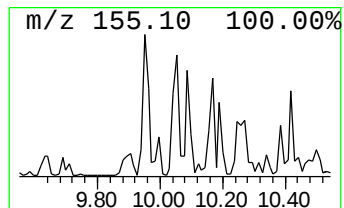
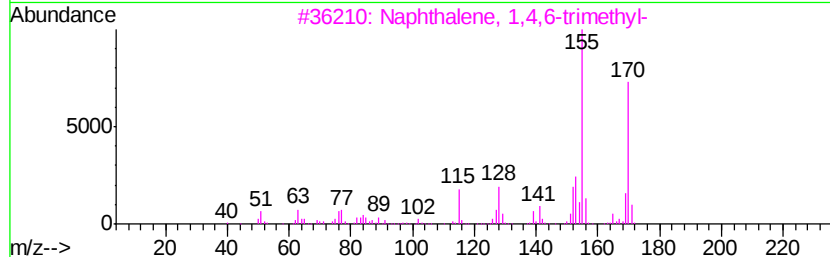
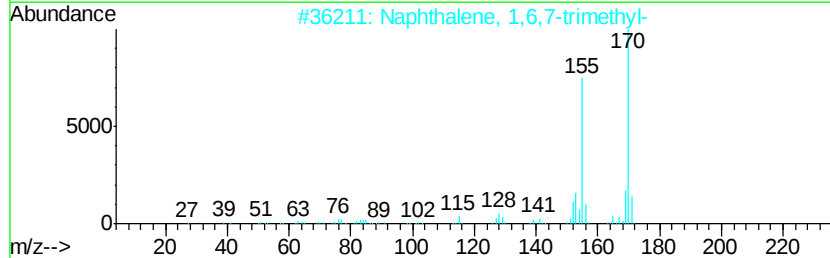
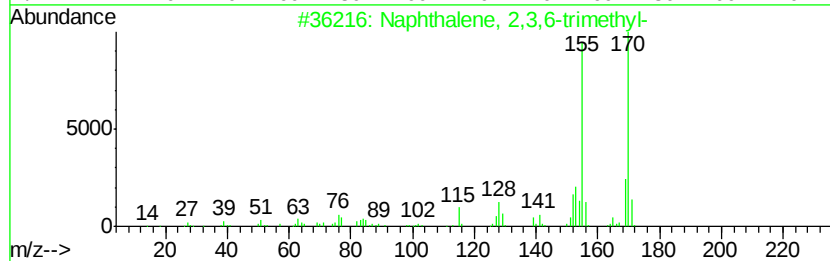
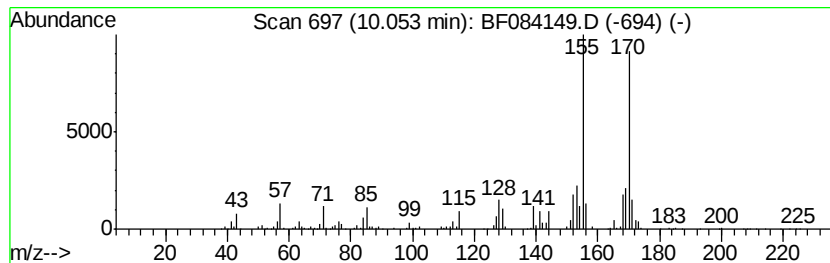
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	20.33 ng	1192810	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 98
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 97
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96
4		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 93
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
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Misc :
ALS Vial : 66 Sample Multiplier: 1

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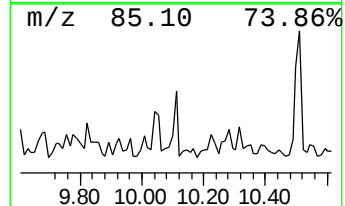
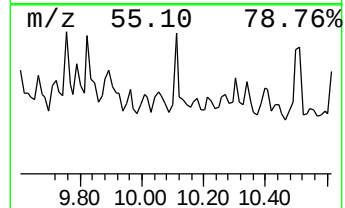
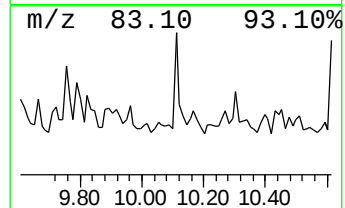
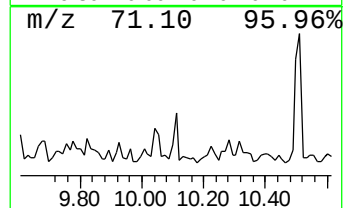
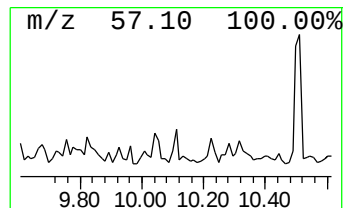
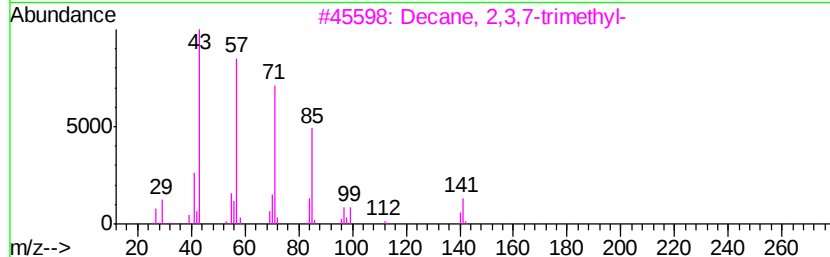
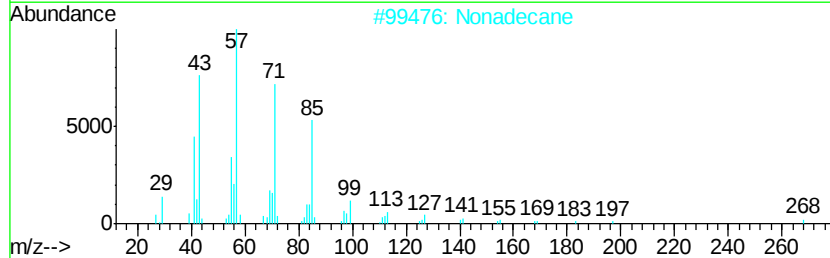
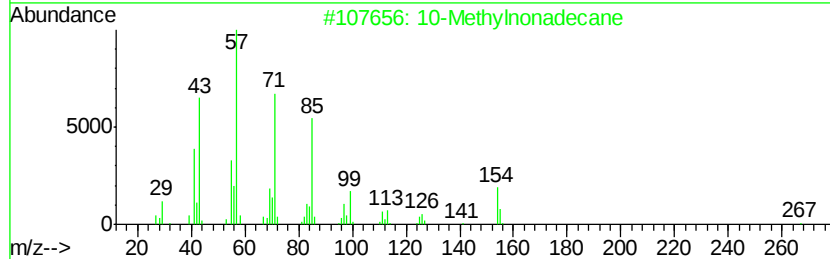
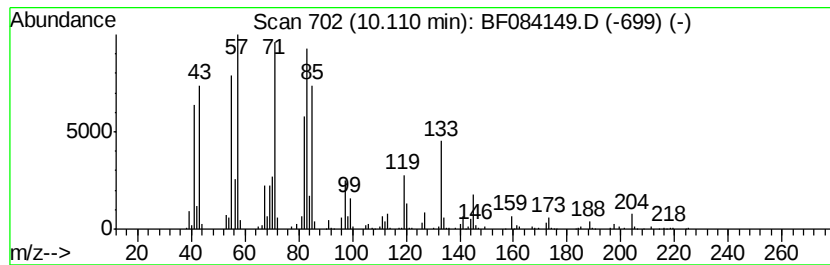
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	21.74 ng	1275730	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	38
2		Nonadecane	268	C19H40	000629-92-5	38
3		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	35
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27
5		Pentadecane	212	C15H32	000629-62-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
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Misc :
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ClientSampleId :
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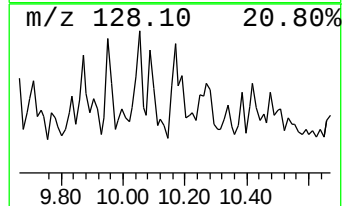
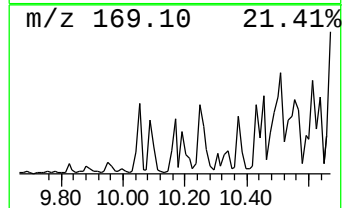
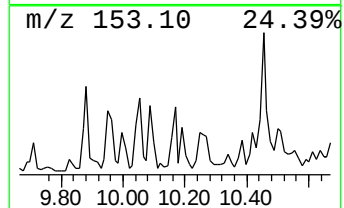
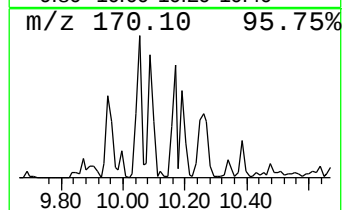
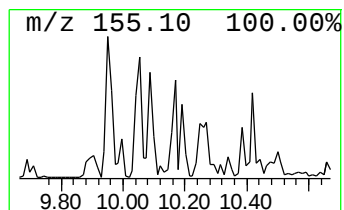
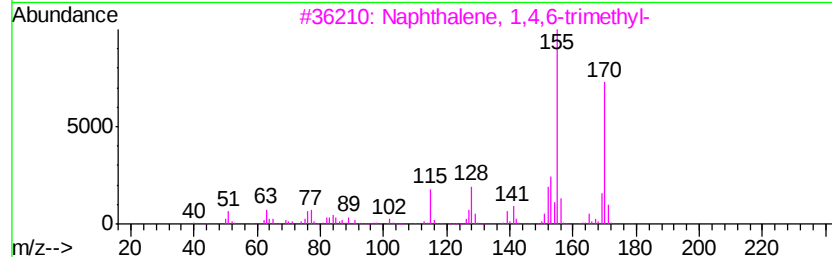
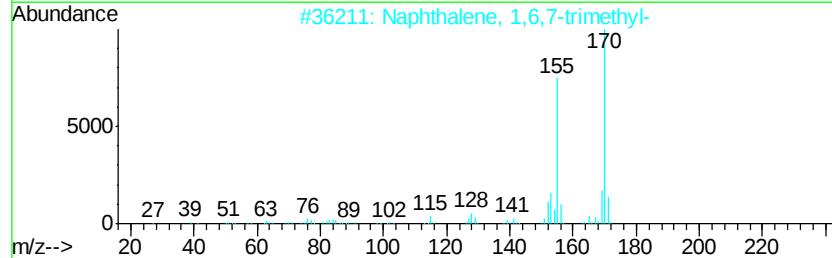
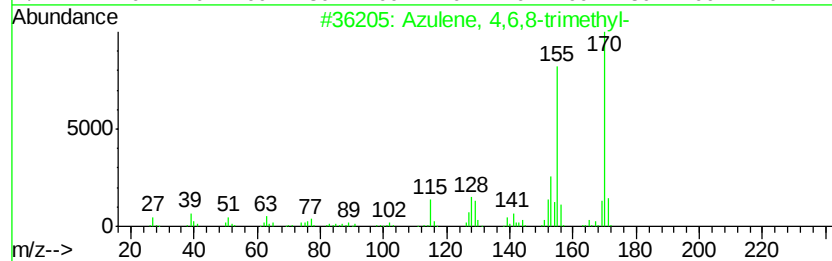
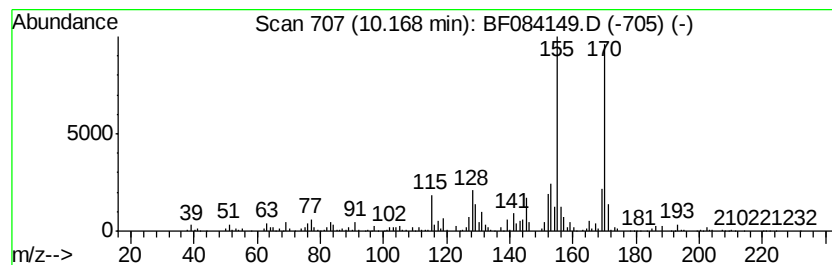
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Azulene, 4,6,8-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	23.49 ng	1378310	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084149.D
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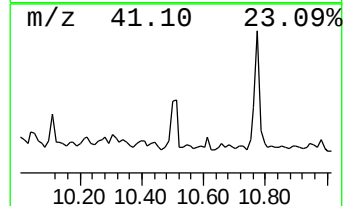
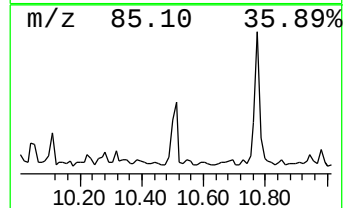
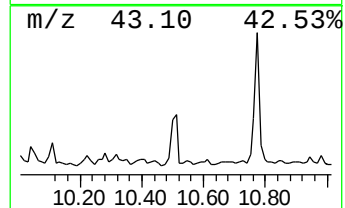
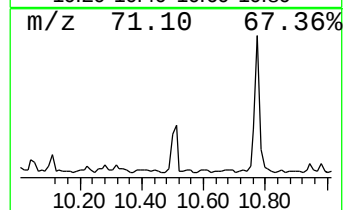
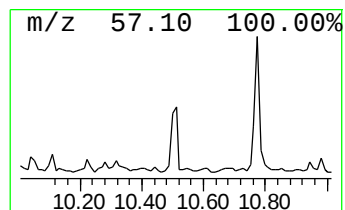
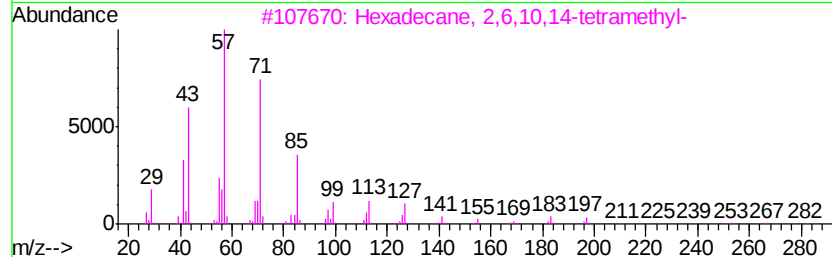
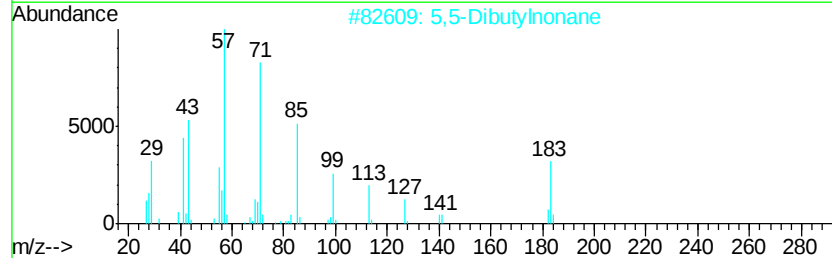
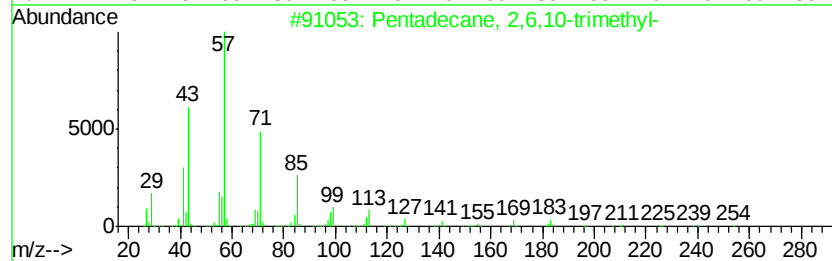
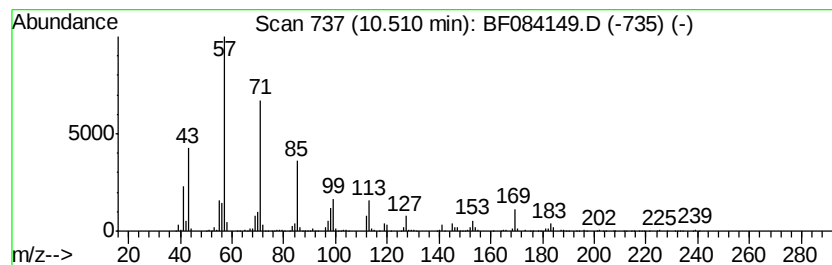
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	20.90 ng	1226350	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	72
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
Sample : G4954-13
Misc :
ALS Vial : 66 Sample Multiplier: 1

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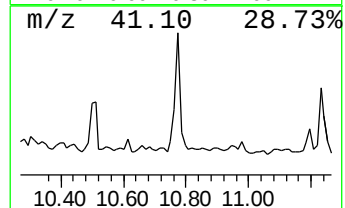
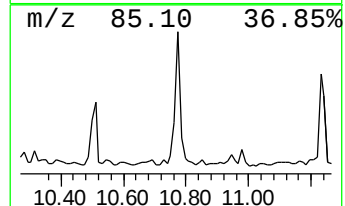
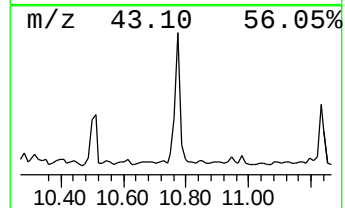
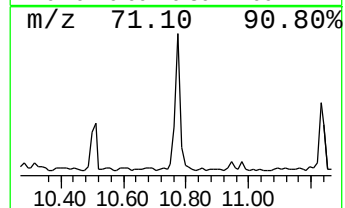
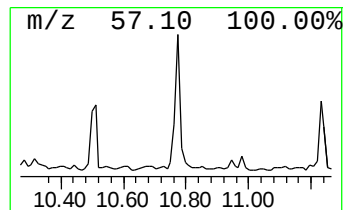
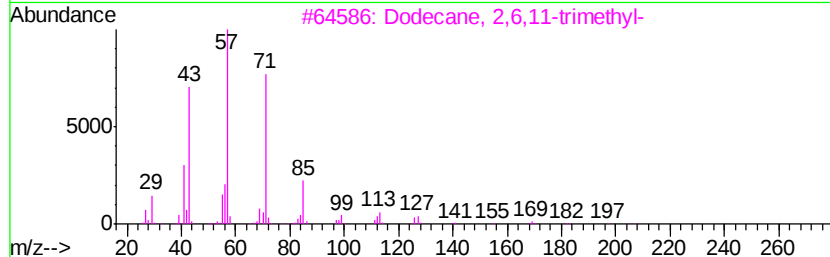
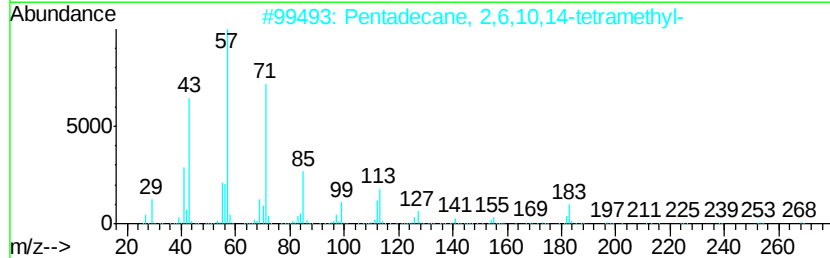
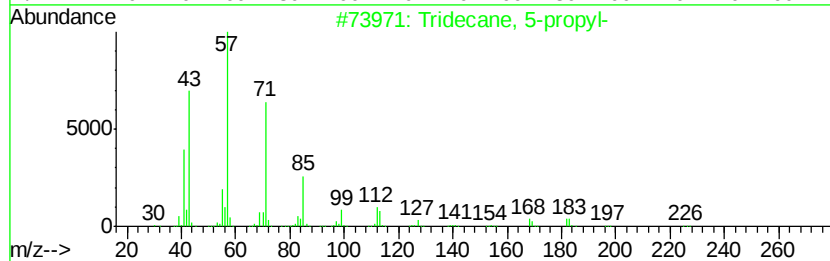
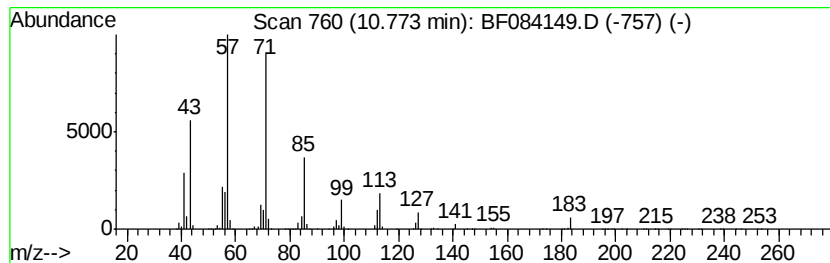
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	47.98 ng	2225560	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084149.D
Acq On : 26 Dec 2015 00:56
Operator : UM/SJ
Sample : G4954-13
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2SP-1(0-2)8E

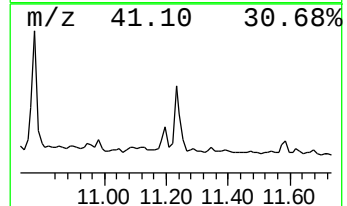
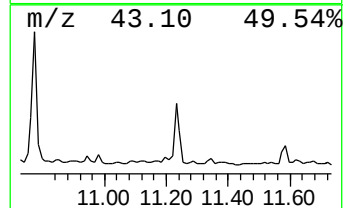
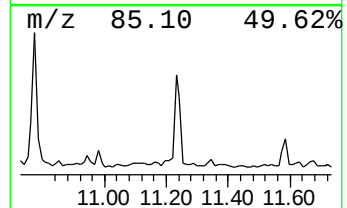
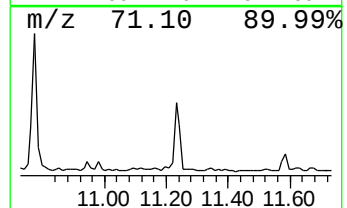
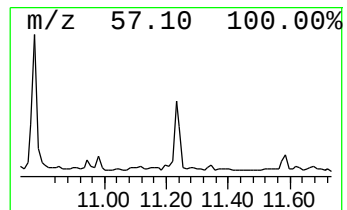
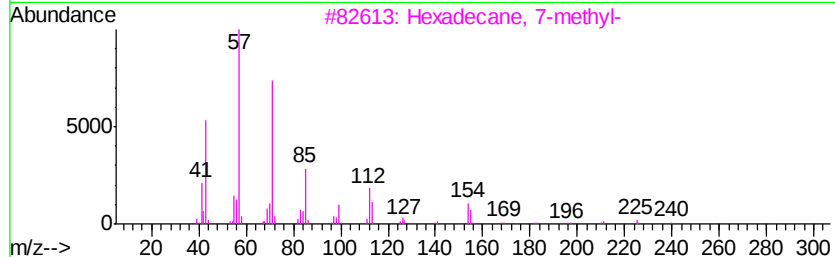
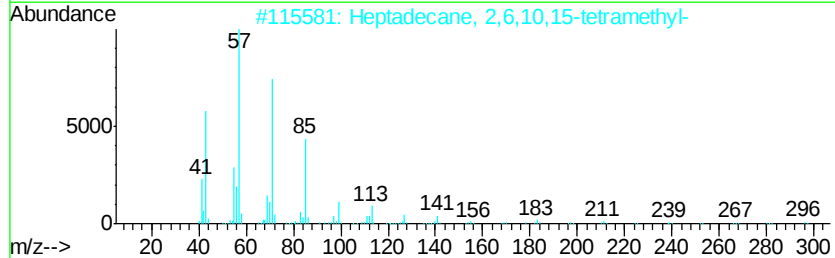
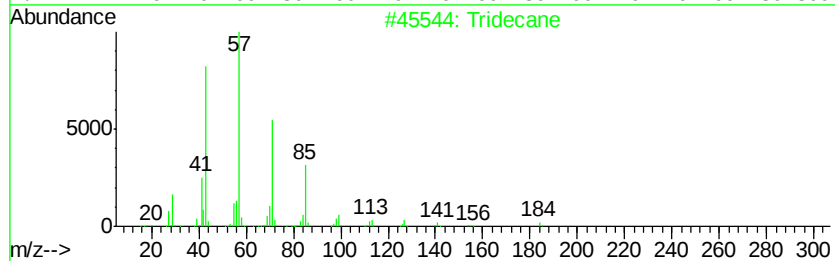
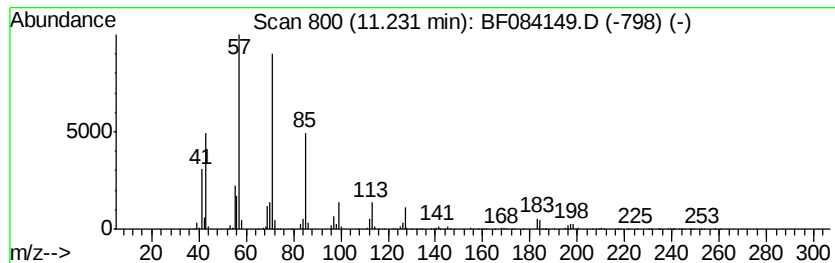
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	32.53 ng	1508680	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
 Data File : BF084149.D
 Acq On : 26 Dec 2015 00:56
 Operator : UM/SJ
 Sample : G4954-13
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2SP-1(0-2)8E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.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
unknown6.04	6.04	16.8	ng	280825	1	6.80	334988	20.0
Cyclohexane, 1,2,...	6.33	25.0	ng	418108	1	6.80	334988	20.0
unknown6.58	6.58	73.0	ng	1222330	1	6.80	334988	20.0
unknown6.86	6.86	20.2	ng	337916	1	6.80	334988	20.0
Indane	6.98	26.0	ng	435350	1	6.80	334988	20.0
unknown7.08	7.08	62.5	ng	1046470	1	6.80	334988	20.0
Benzene, 1,2-diet...	7.13	19.8	ng	332060	1	6.80	334988	20.0
Naphthalene, deca...	7.20	29.7	ng	497142	1	6.80	334988	20.0
Octane, 2,3,7-tri...	8.53	17.4	ng	2142790	2	8.09	2457800	20.0
Naphthalene, 1,2,...	8.92	23.6	ng	2895710	2	8.09	2457800	20.0
Naphthalene, 2,6-...	9.44	30.6	ng	1793960	3	9.85	1173520	20.0
Naphthalene, 1,4-...	9.63	22.0	ng	1293030	3	9.85	1173520	20.0
Naphthalene, 2,3,...	10.05	20.3	ng	1192810	3	9.85	1173520	20.0
unknown10.11	10.11	21.7	ng	1275730	3	9.85	1173520	20.0
Azulene, 4,6,8-tr...	10.17	23.5	ng	1378310	3	9.85	1173520	20.0
Pentadecane, 2,6,...	10.51	20.9	ng	1226350	3	9.85	1173520	20.0
Tridecane, 5-propyl-	10.77	48.0	ng	2225560	4	11.33	927620	20.0
Tridecane	11.23	32.5	ng	1508680	4	11.33	927620	20.0