

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092661.D
 Acq On : 31 Jan 2017 3:55
 Operator : SJ/MA
 Sample : I1531-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

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-BF013017.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	5.139	265	267	270	rBV	946298	1288962	37.11%	1.496%
2	5.527	297	301	303	rBV	110319	163099	4.70%	0.189%
3	5.573	303	305	307	rVV	2983905	2832438	81.55%	3.287%
4	5.847	328	329	332	rVB	167115	163638	4.71%	0.190%
5	5.973	336	340	341	rBV2	73135	129552	3.73%	0.150%
6	6.099	347	351	354	rVB	87728	138347	3.98%	0.161%
7	6.202	357	360	363	rVV2	203252	321054	9.24%	0.373%
8	6.385	374	376	378	rBV	149481	225402	6.49%	0.262%
9	6.453	381	382	383	rVB	229446	157400	4.53%	0.183%
10	6.487	383	385	388	rBV3	344926	616826	17.76%	0.716%
11	6.545	388	390	393	rBV3	190956	278114	8.01%	0.323%
12	6.602	393	395	401	rVB	2714128	2892040	83.27%	3.356%
13	6.693	401	403	404	rBV2	123328	210284	6.05%	0.244%
14	6.727	404	406	409	rVB	2081250	2858018	82.29%	3.317%
15	6.796	409	412	413	rBV2	560578	792348	22.81%	0.920%
16	6.967	424	427	430	rVB2	895148	1310402	37.73%	1.521%
17	7.013	430	431	433	rBV2	165780	217454	6.26%	0.252%
18	7.070	433	436	438	rBV3	128538	231002	6.65%	0.268%
19	7.116	438	440	445	rVB	2112695	2467420	71.04%	2.864%
20	7.242	445	451	452	rBV2	422075	781785	22.51%	0.907%
21	7.265	452	453	455	rBV2	265403	412915	11.89%	0.479%
22	7.299	455	456	458	rVB2	266745	255538	7.36%	0.297%
23	7.356	458	461	463	rBV2	420473	633534	18.24%	0.735%
24	7.436	466	468	471	rBV2	108815	269436	7.76%	0.313%
25	7.527	474	476	478	rVB	1669529	1367028	39.36%	1.586%
26	7.562	478	479	481	rVB	928873	667819	19.23%	0.775%
27	7.607	481	483	485	rBV3	291536	519866	14.97%	0.603%
28	7.676	485	489	490	rBV2	151166	318311	9.16%	0.369%
29	7.745	491	495	496	rBV3	252464	333706	9.61%	0.387%
30	7.768	496	497	499	rVB2	442796	455407	13.11%	0.529%
31	7.893	502	508	510	rBV4	407902	1184461	34.10%	1.375%
32	7.928	510	511	513	rVB	326963	375385	10.81%	0.436%
33	7.962	513	514	515	rBV	315272	290120	8.35%	0.337%
34	7.996	515	517	520	rVB3	316408	541004	15.58%	0.628%

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35	8.042	520	521	522	rBV	268771	185939	5.35%	0.216%
36	8.088	522	525	527	rVB3	208966	341390	9.83%	0.396%
37	8.122	527	528	530	rBV2	204734	184422	5.31%	0.214%
38	8.156	530	531	532	rVB	182533	125126	3.60%	0.145%
39	8.236	532	538	542	rBV2	1097814	3473251	100.00%	4.031%
40	8.305	542	544	546	rVB2	792254	1098609	31.63%	1.275%
41	8.339	546	547	551	rVB3	354466	502820	14.48%	0.584%
42	8.453	551	557	558	rBV4	564907	1116471	32.14%	1.296%
43	8.499	558	561	562	rBV3	120737	205388	5.91%	0.238%
44	8.545	562	565	567	rBV2	708470	979431	28.20%	1.137%
45	8.602	567	570	571	rVB3	240511	359281	10.34%	0.417%
46	8.636	571	573	574	rVB2	349099	406375	11.70%	0.472%
47	8.670	574	576	577	rBV	1169445	1008974	29.05%	1.171%
48	8.762	582	584	585	rBV	622487	678216	19.53%	0.787%
49	8.796	585	587	589	rBV2	306448	524321	15.10%	0.608%
50	8.842	589	591	593	rBV	1261706	1012145	29.14%	1.175%
51	8.876	593	594	595	rBV	193948	239447	6.89%	0.278%
52	8.910	595	597	598	rVV2	281855	346490	9.98%	0.402%
53	8.933	598	599	601	rVB2	431617	521315	15.01%	0.605%
54	9.002	603	605	606	rBV2	242448	208311	6.00%	0.242%
55	9.036	606	608	609	rBV2	188031	355648	10.24%	0.413%
56	9.082	609	612	613	rBV2	473373	654584	18.85%	0.760%
57	9.128	614	616	618	rVV3	243724	355282	10.23%	0.412%
58	9.162	618	619	621	rVB2	367211	395597	11.39%	0.459%
59	9.208	621	623	625	rBV3	292022	527416	15.19%	0.612%
60	9.276	627	629	632	rVB2	1194774	1214007	34.95%	1.409%
61	9.333	632	634	636	rVB	2686610	2717061	78.23%	3.153%
62	9.368	636	637	638	rBV	269104	198467	5.71%	0.230%
63	9.413	638	641	643	rBV	1228731	1835613	52.85%	2.130%
64	9.448	643	644	645	rVV	275303	330558	9.52%	0.384%
65	9.482	645	647	648	rVB	649309	609460	17.55%	0.707%
66	9.596	654	657	659	rBV3	329153	501489	14.44%	0.582%
67	9.665	659	663	664	rBV4	502291	848423	24.43%	0.985%
68	9.733	666	669	670	rVV2	1593269	2295045	66.08%	2.663%
69	9.791	672	674	675	rVB2	463626	471931	13.59%	0.548%
70	9.871	680	681	683	rBV2	364347	601647	17.32%	0.698%
71	9.939	683	687	689	rVV	1293083	1806101	52.00%	2.096%

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72	10.008	689	693	695	rVV2	1085188	2014405	58.00%	2.338%
73	10.076	697	699	701	rVB2	394779	545826	15.72%	0.633%
74	10.111	701	702	705	rBV2	385148	488397	14.06%	0.567%
75	10.168	705	707	708	rBV2	329855	521633	15.02%	0.605%
76	10.202	708	710	713	rVB4	469472	958661	27.60%	1.113%
77	10.259	713	715	719	rVB3	755804	1338593	38.54%	1.553%
78	10.328	719	721	724	rBV3	454421	940802	27.09%	1.092%
79	10.442	727	731	732	rBV2	774354	1162432	33.47%	1.349%
80	10.556	738	741	747	rBV5	390731	1326538	38.19%	1.540%
81	10.659	747	750	753	rVV	1545513	1838701	52.94%	2.134%
82	10.808	761	763	764	rBV2	675027	913888	26.31%	1.061%
83	10.922	770	773	777	rVB	2425401	3276676	94.34%	3.803%
84	11.139	790	792	793	rVB2	360038	395778	11.40%	0.459%
85	11.356	809	811	812	rBV	704486	716962	20.64%	0.832%
86	11.391	812	814	817	rVB	1709620	1870076	53.84%	2.170%
87	11.505	822	824	829	rBV2	822444	1896271	54.60%	2.201%
88	11.574	829	830	831	rVB	403839	277034	7.98%	0.322%
89	11.608	831	833	836	rBV4	148964	258582	7.44%	0.300%
90	11.734	842	844	846	rBV2	464180	587884	16.93%	0.682%
91	11.779	846	848	850	rVB	388663	518841	14.94%	0.602%
92	12.191	883	884	886	rVB	392086	310667	8.94%	0.361%
93	12.477	907	909	912	rVB	254930	331016	9.53%	0.384%
94	12.579	917	918	920	rVB	376236	312568	9.00%	0.363%
95	12.717	928	930	932	rVB	986567	960823	27.66%	1.115%
96	12.945	947	950	953	rBV	1159725	1447194	41.67%	1.680%
97	13.082	960	962	966	rVB	2028494	2008476	57.83%	2.331%
98	14.134	1050	1054	1060	rBV3	797542	2088642	60.14%	2.424%
99	15.185	1144	1146	1149	rBV	488658	861514	24.80%	1.000%
100	15.620	1182	1184	1192	rVB2	528411	1061559	30.56%	1.232%

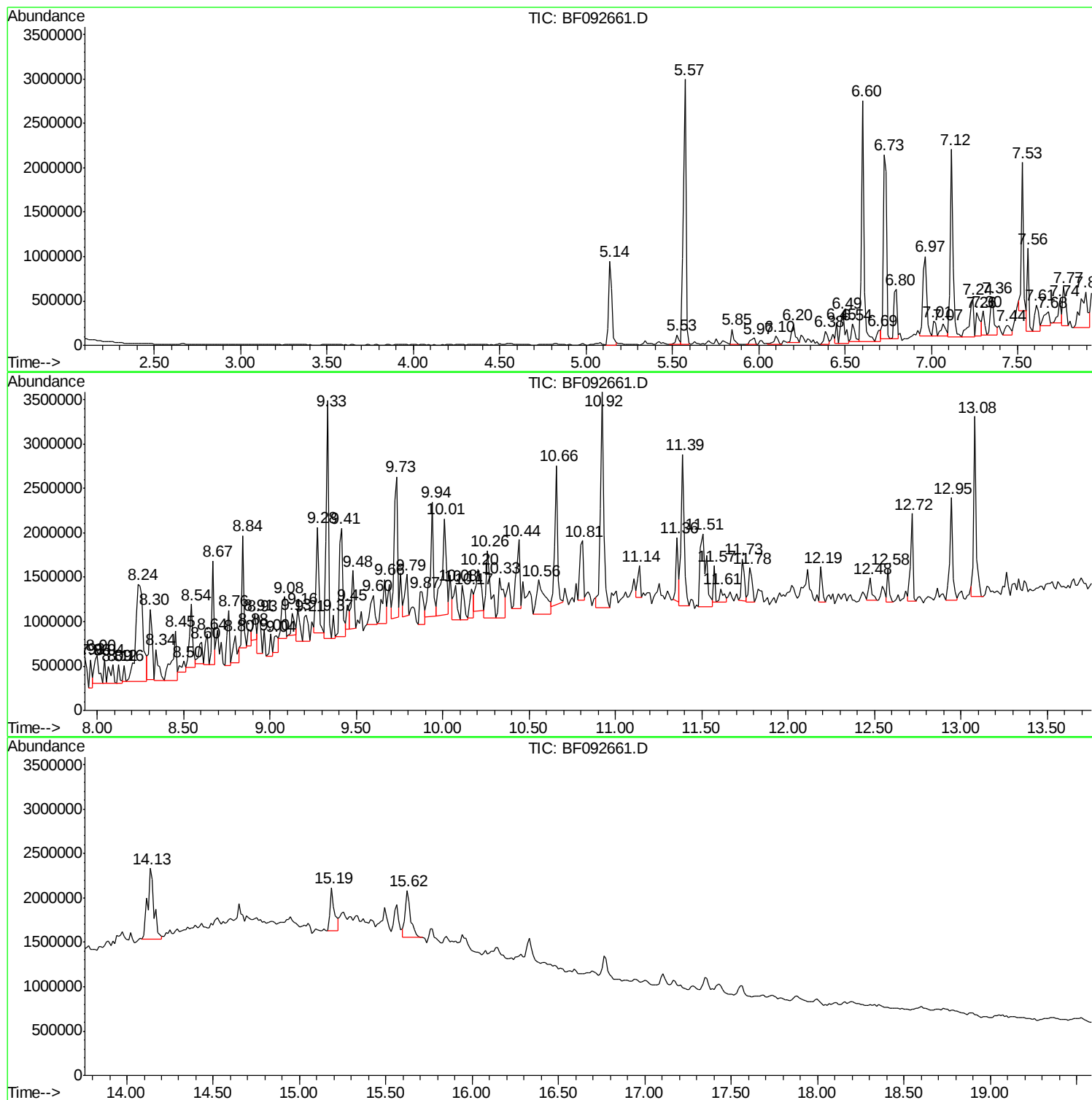
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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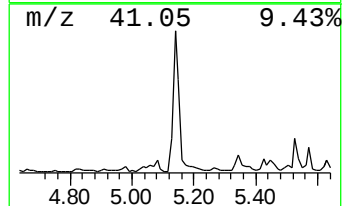
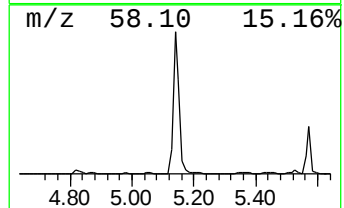
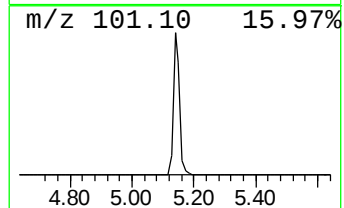
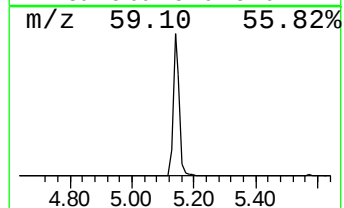
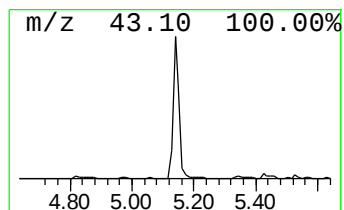
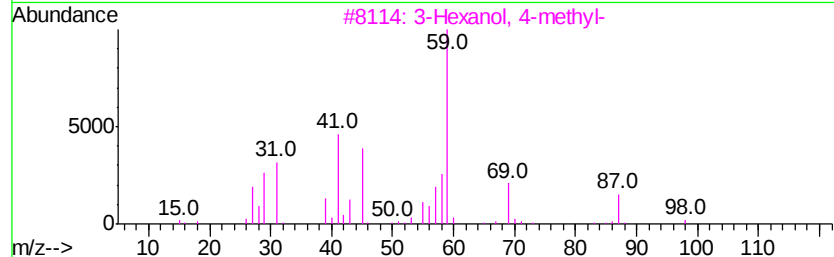
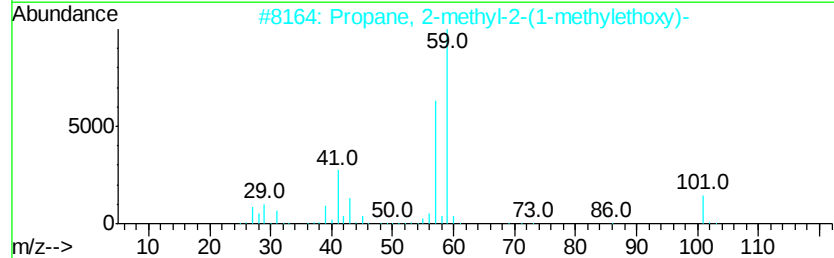
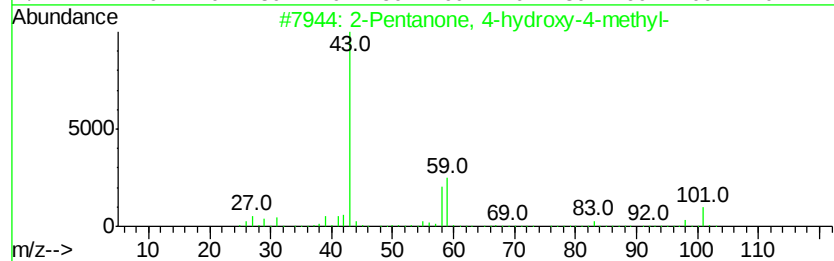
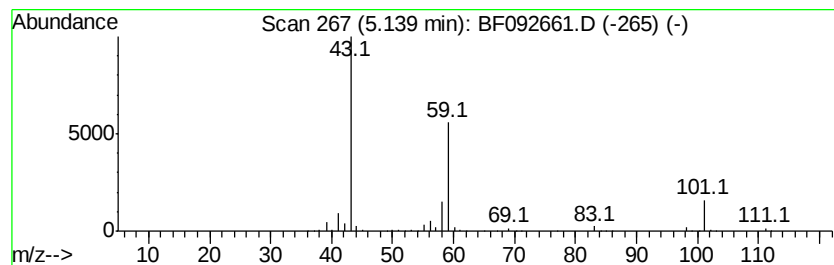
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	19.67 ng	1288960	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	32



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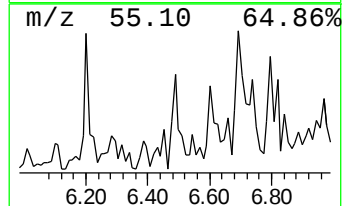
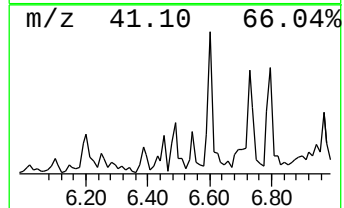
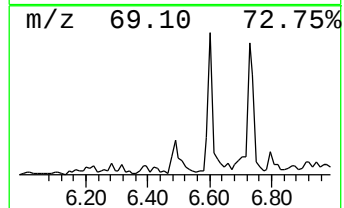
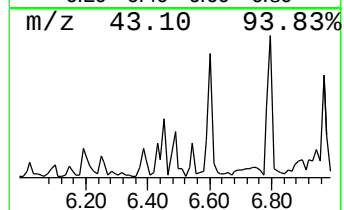
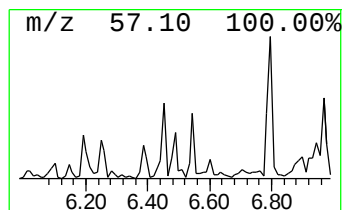
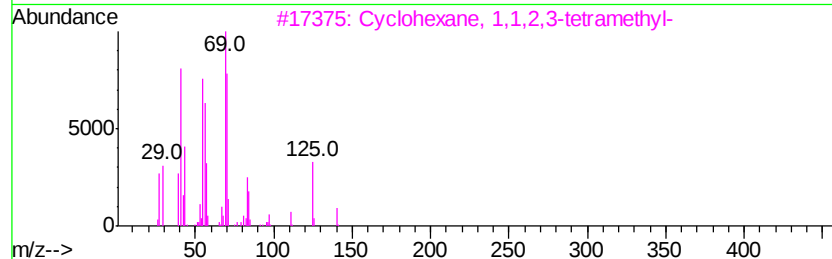
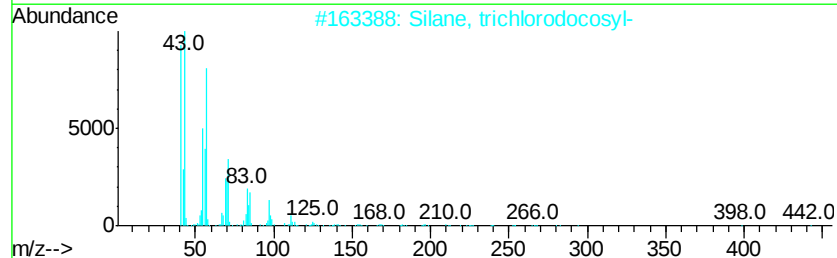
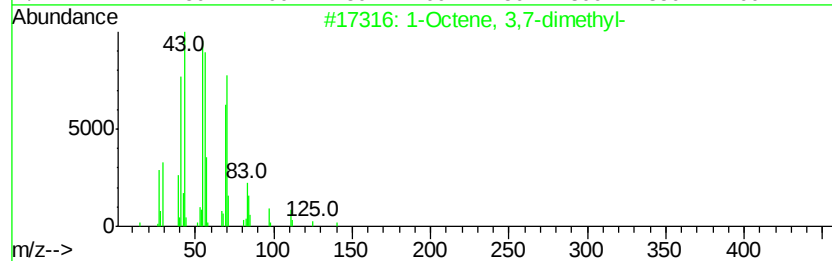
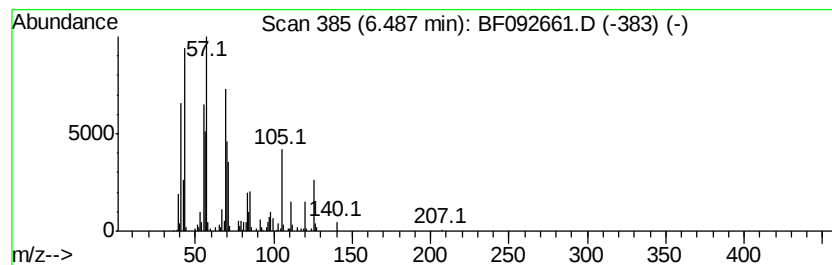
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Octene, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	9.41 ng	616826	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	64
2			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	62
3			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	60
4			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	49
5			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	46



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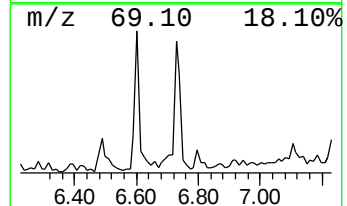
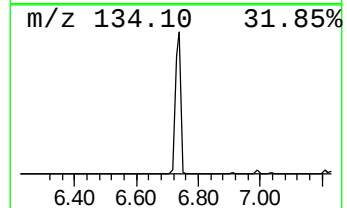
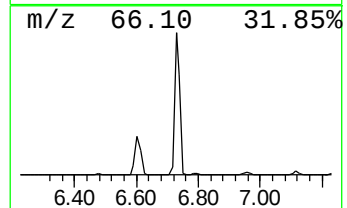
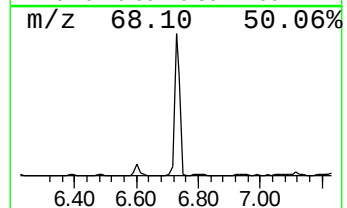
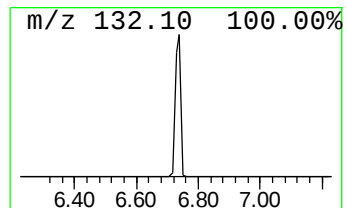
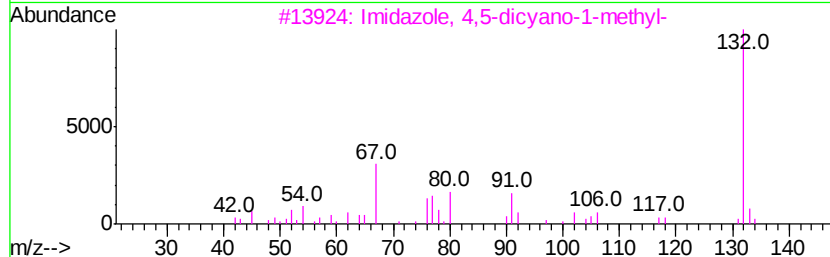
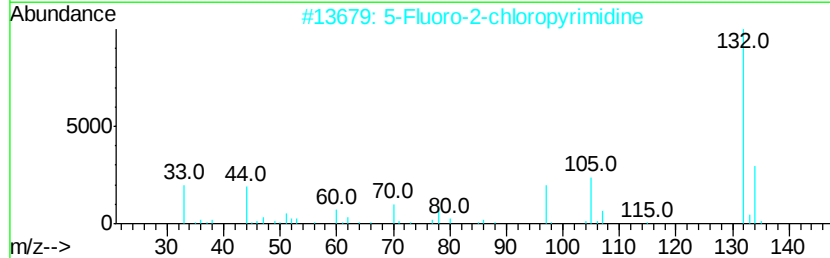
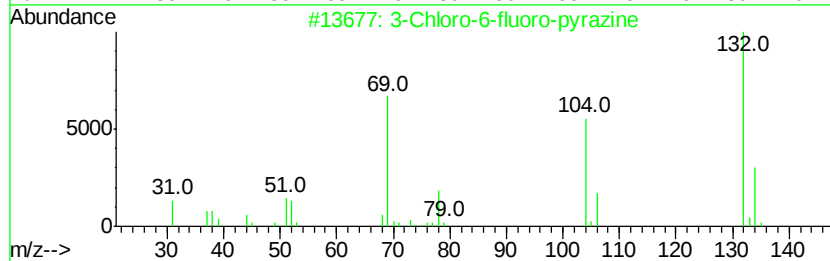
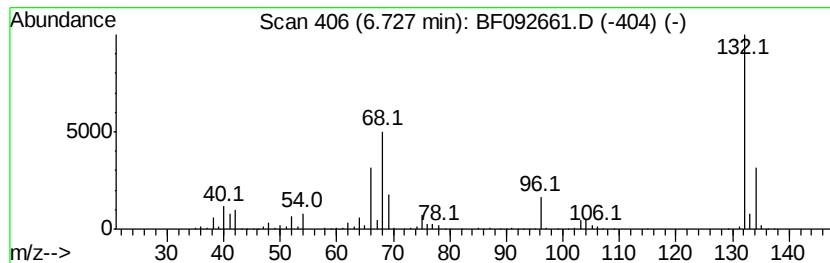
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	43.62 ng	2858020	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EDC-HPRR-S3C3

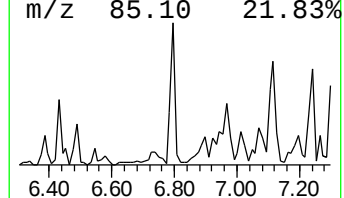
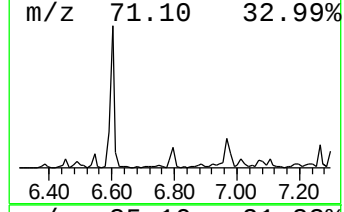
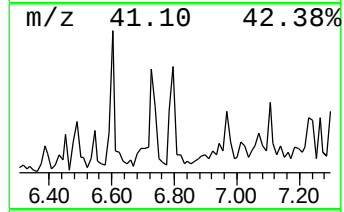
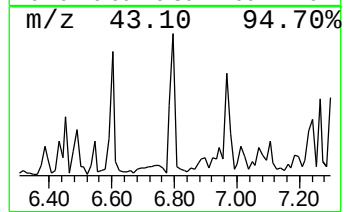
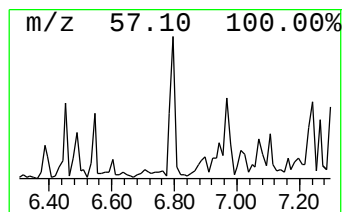
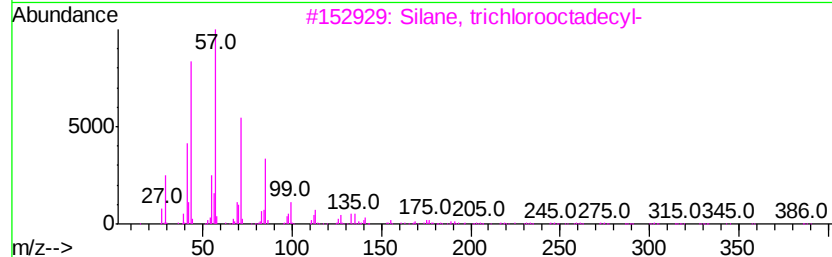
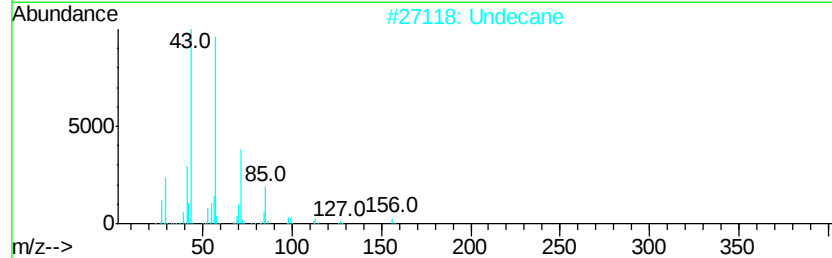
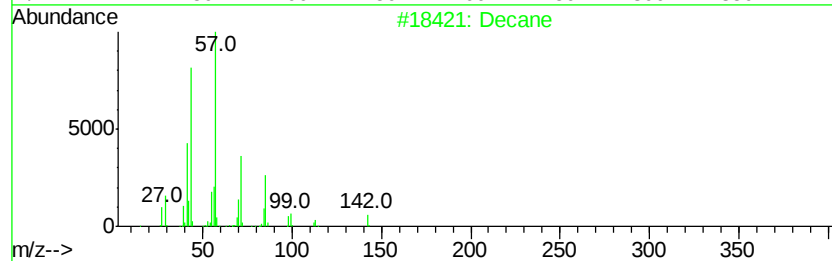
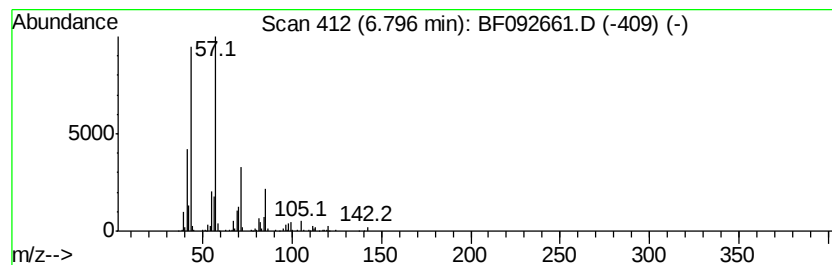
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	12.09 ng	792348	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Undecane	156	C11H24	001120-21-4	86
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4		Nonane	128	C9H20	000111-84-2	78
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
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ClientSampleId :
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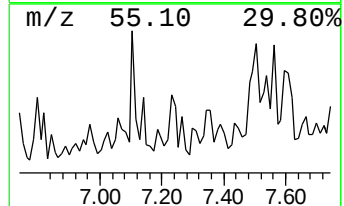
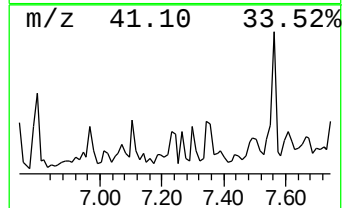
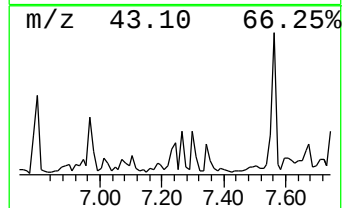
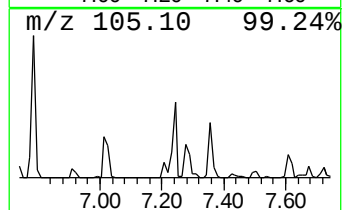
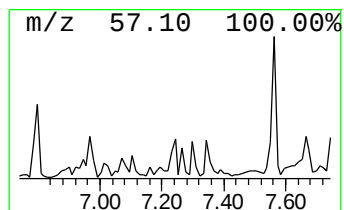
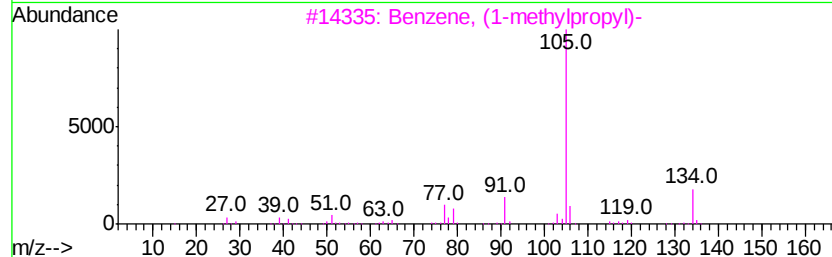
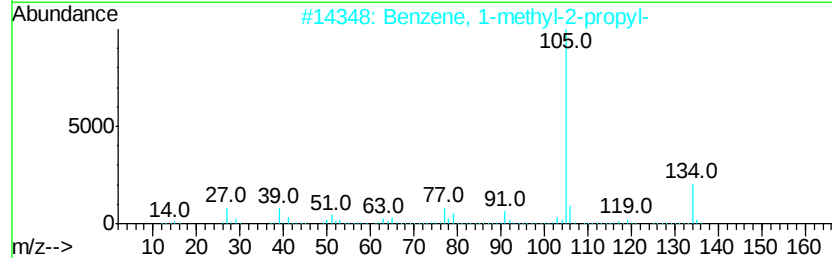
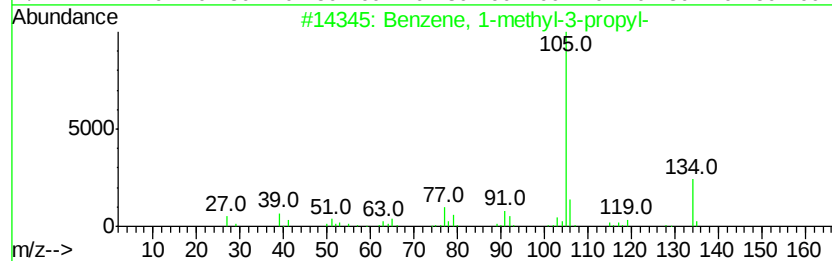
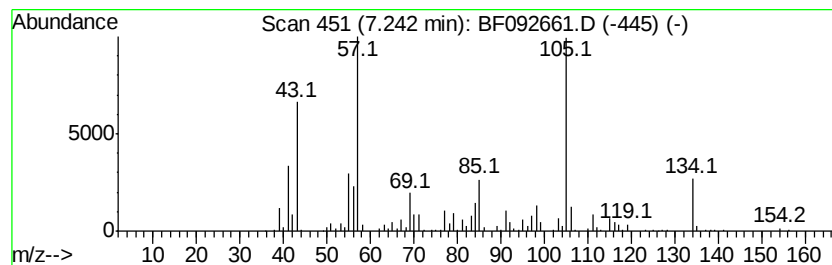
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	11.93 ng	781785	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5		1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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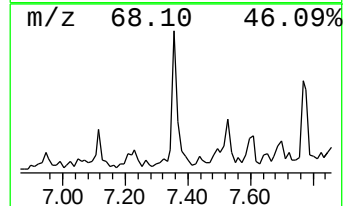
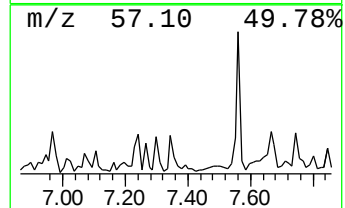
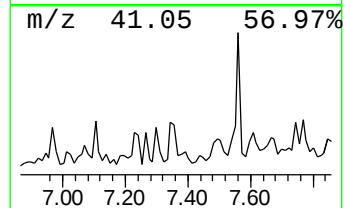
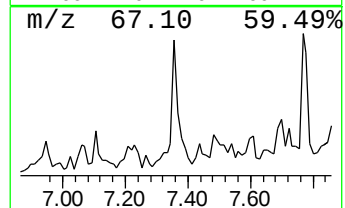
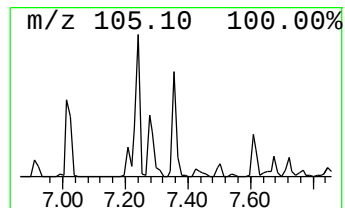
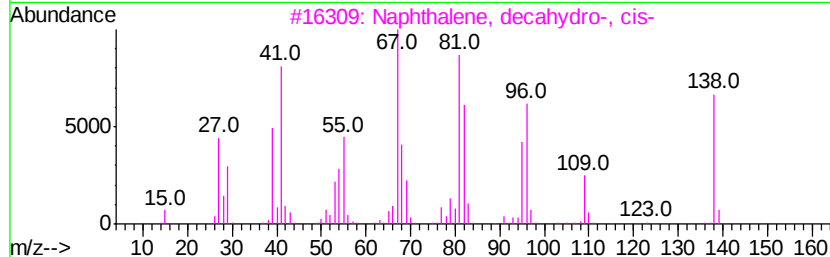
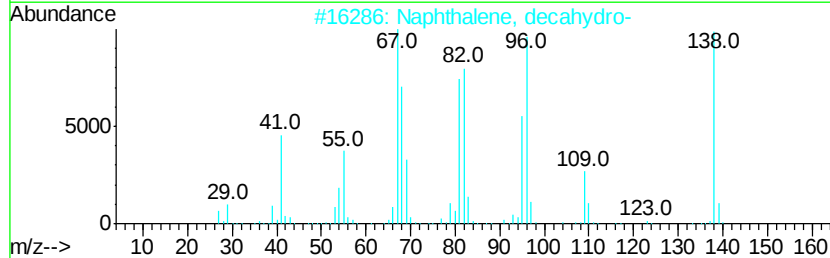
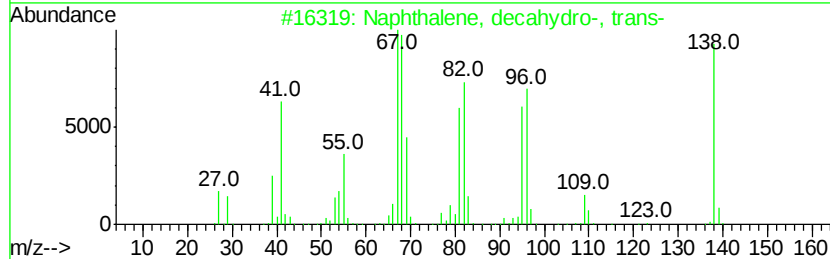
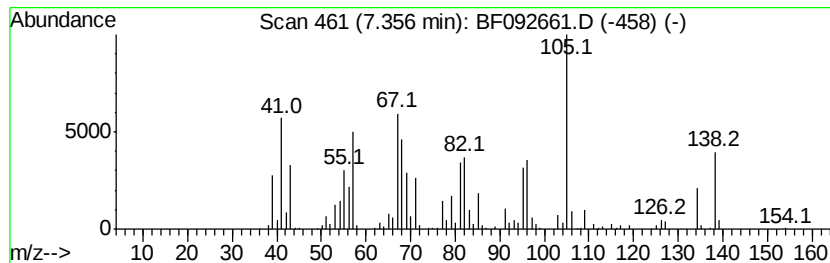
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	9.67 ng	633534	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	86
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	55
4			Cyclopentene, 1-pentyl-	138	C10H18	004291-98-9	46
5			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
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ALS Vial : 22 Sample Multiplier: 1

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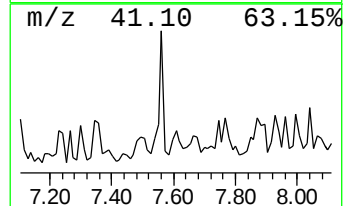
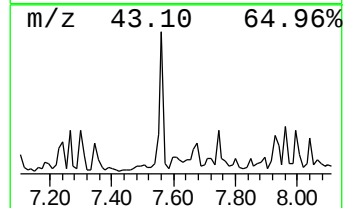
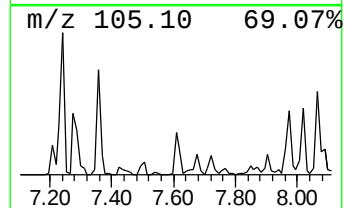
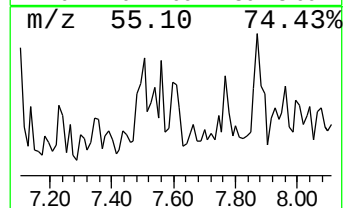
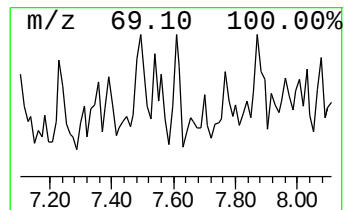
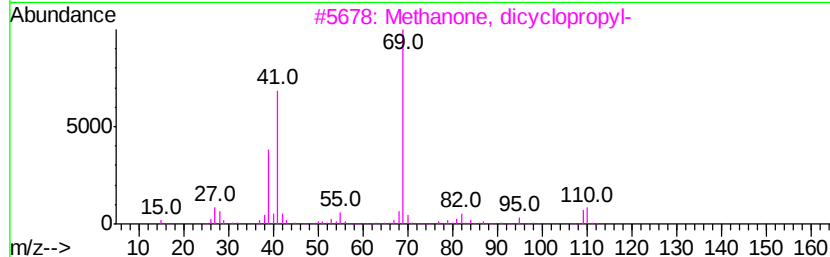
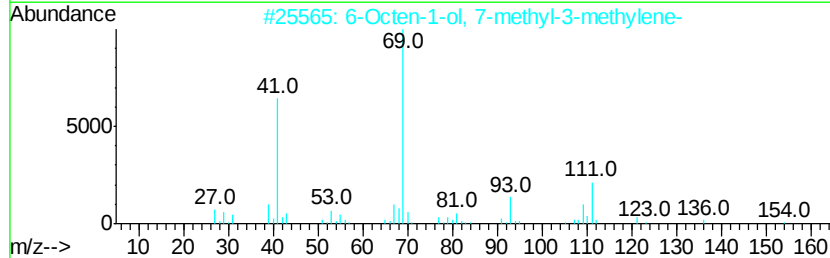
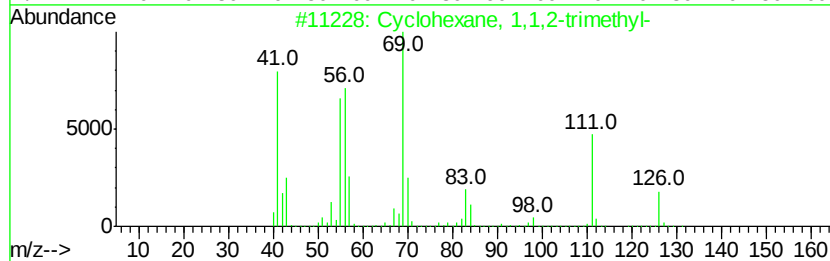
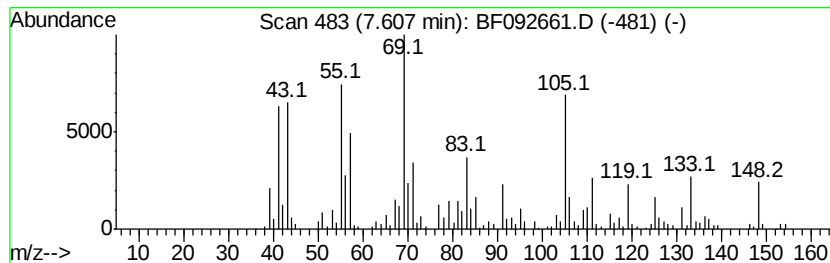
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.61 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	7.93 ng	519866	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
2		6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	43
3		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38
4		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38
5		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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Acq On : 31 Jan 2017 3:55
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ALS Vial : 22 Sample Multiplier: 1

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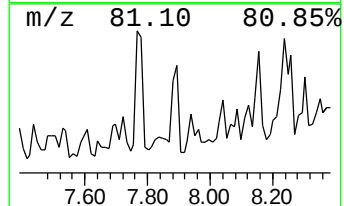
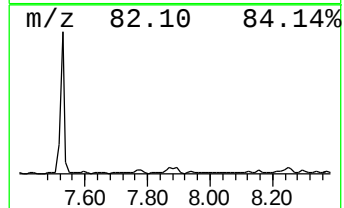
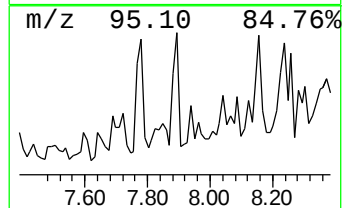
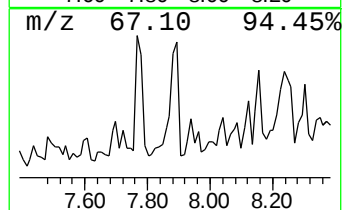
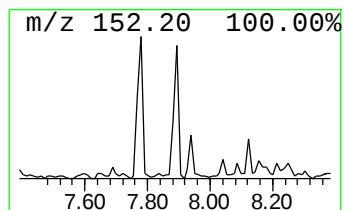
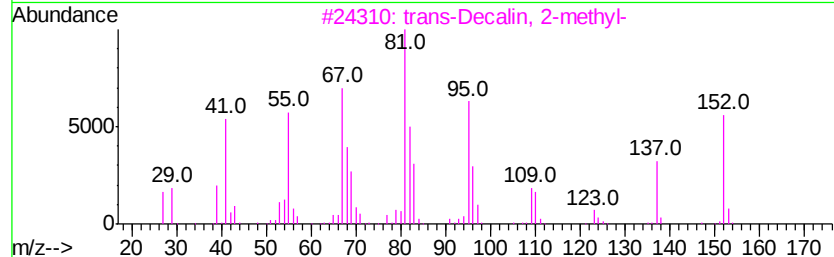
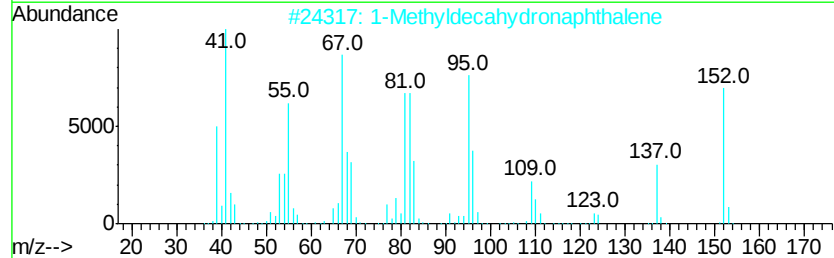
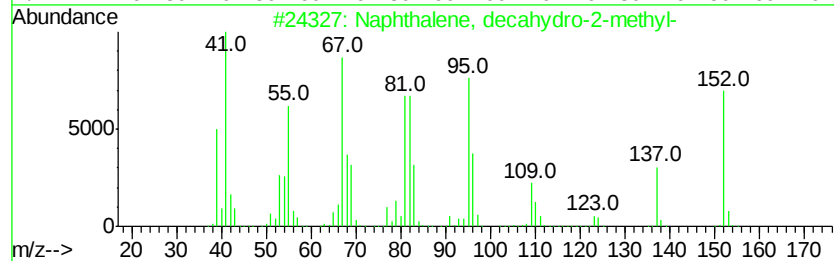
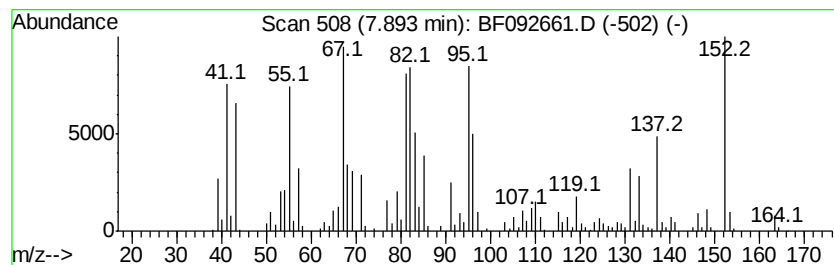
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	6.82 ng	1184460	Naphthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58
5			Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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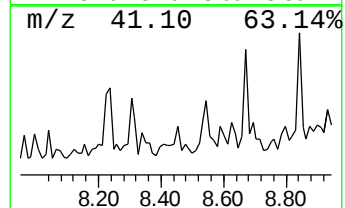
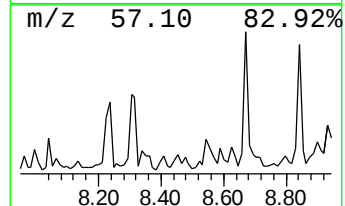
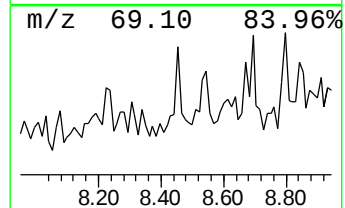
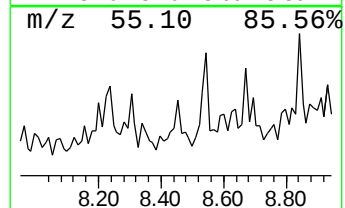
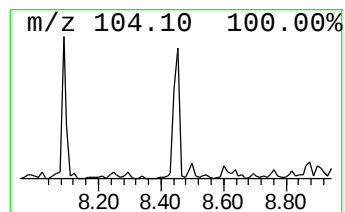
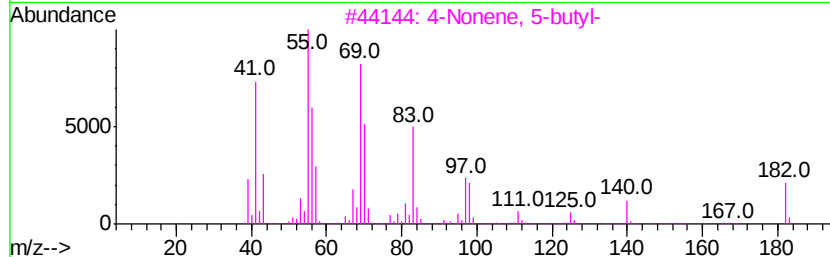
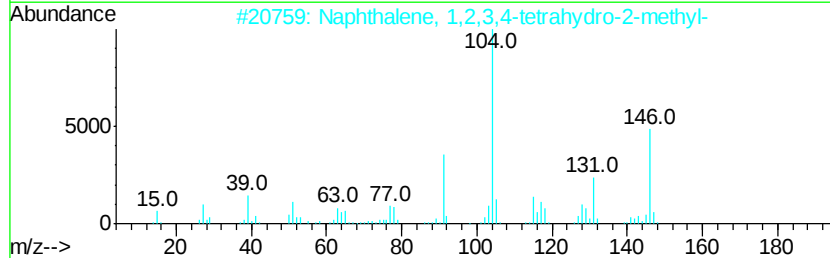
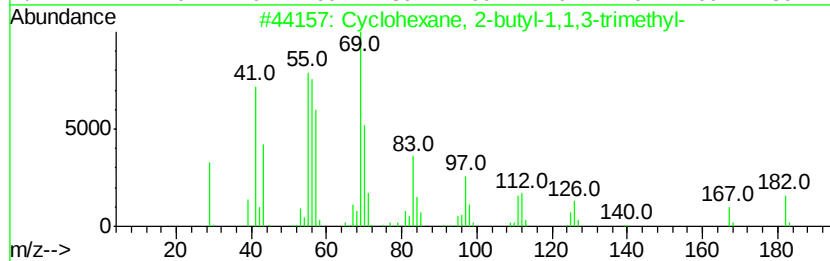
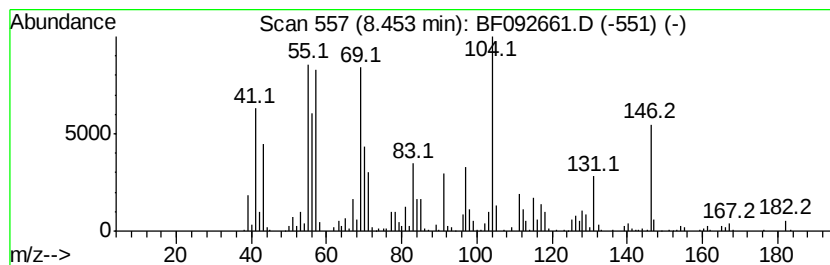
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	6.43 ng	1116470	Naphthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	62
3			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	46
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	41
5			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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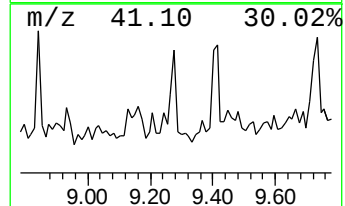
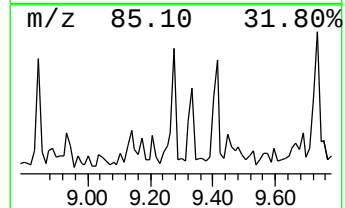
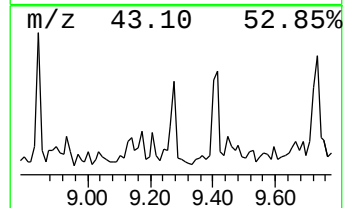
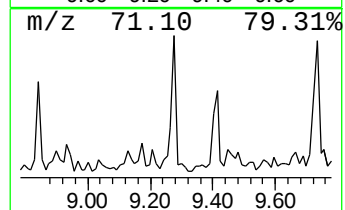
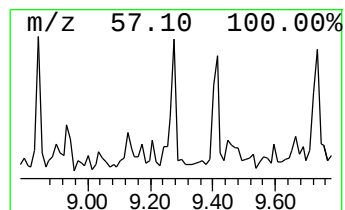
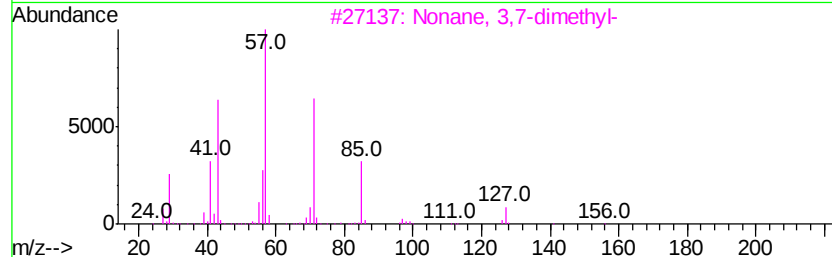
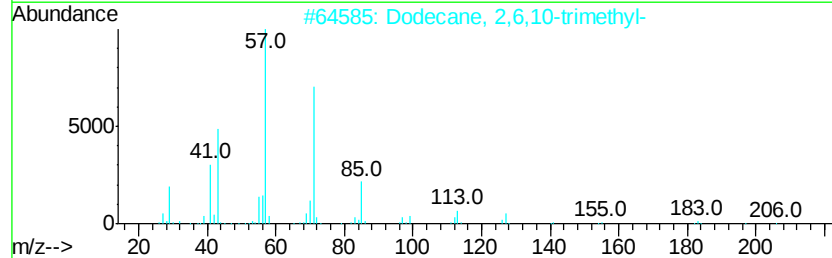
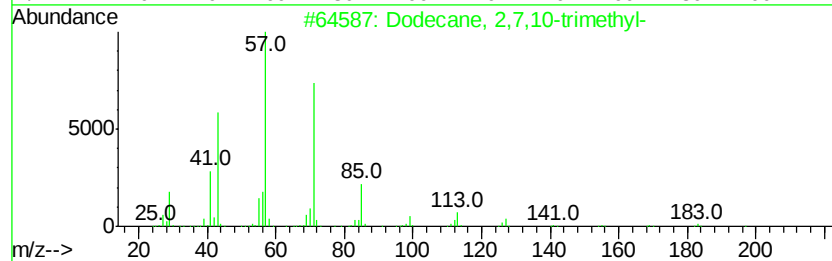
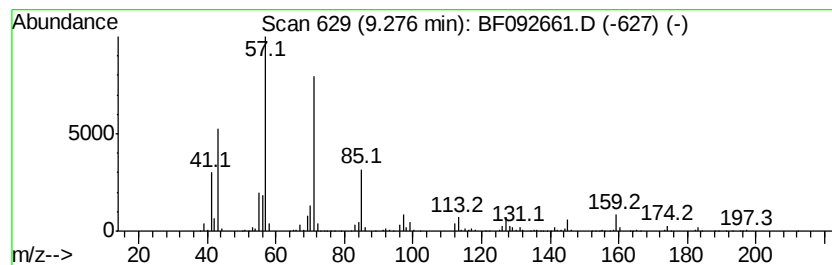
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	12.05 ng	1214010	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

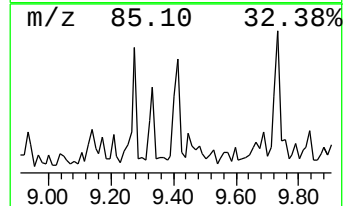
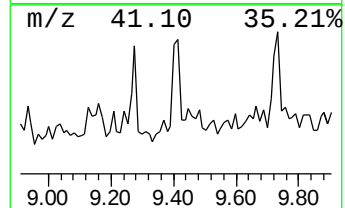
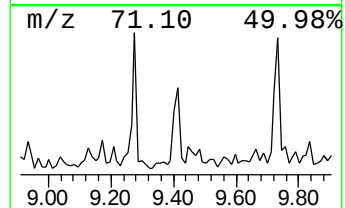
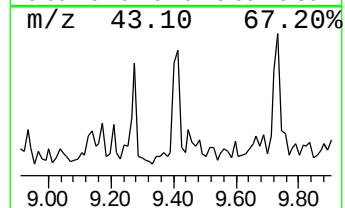
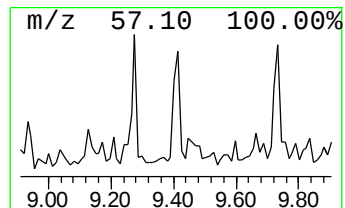
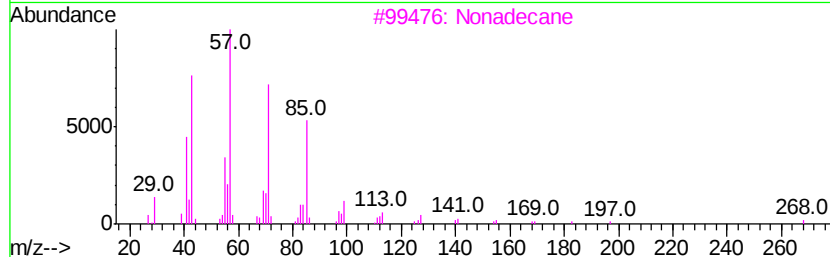
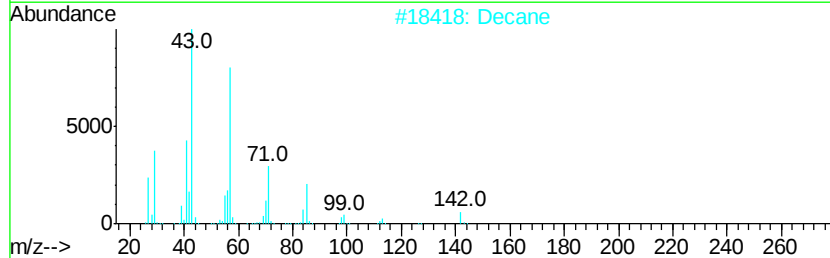
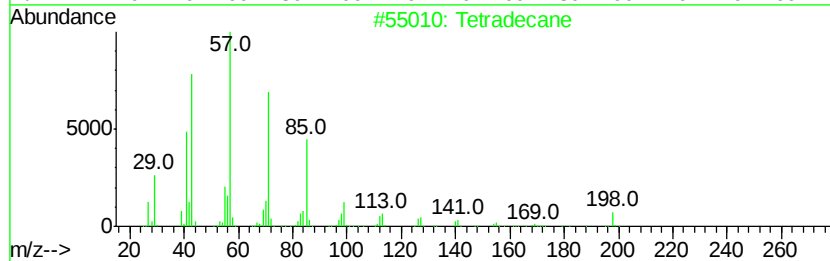
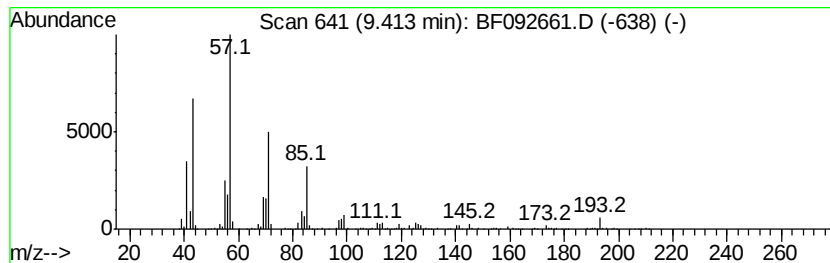
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	18.22 ng	1835610	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	92
2		Decane	142	C10H22	000124-18-5	74
3		Nonadecane	268	C19H40	000629-92-5	72
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Operator : SJ/MA
Sample : I1531-03 2X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

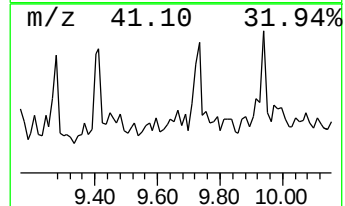
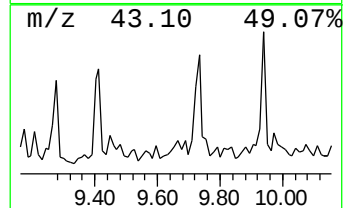
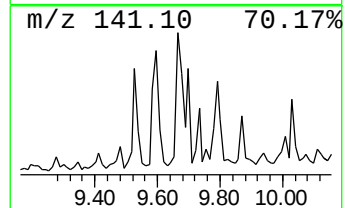
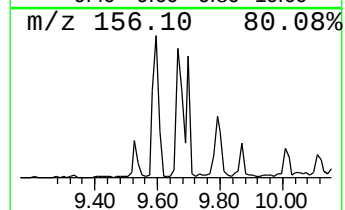
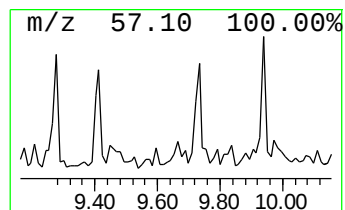
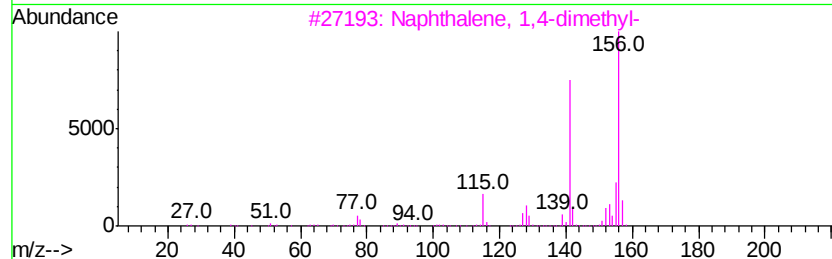
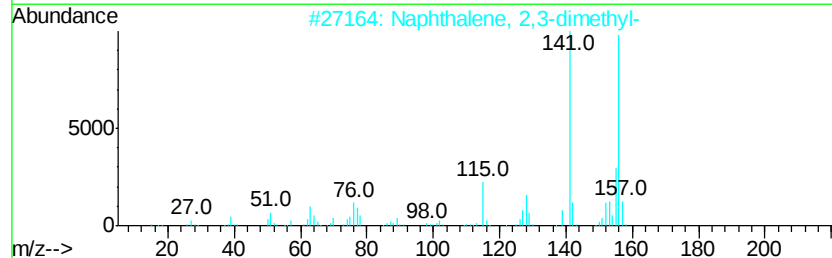
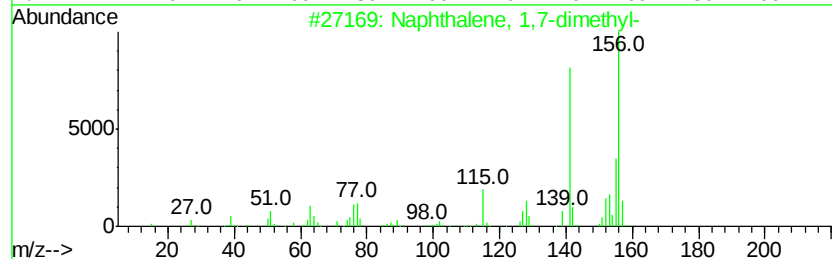
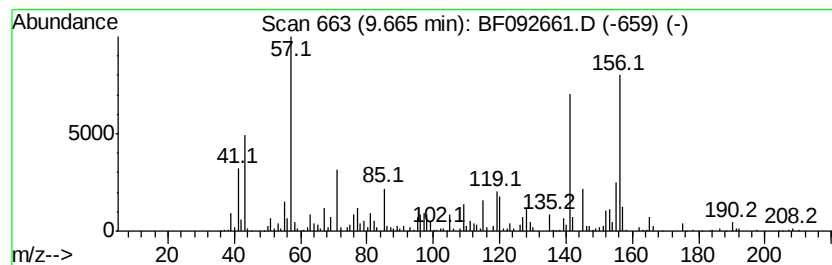
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.42 ng	848423	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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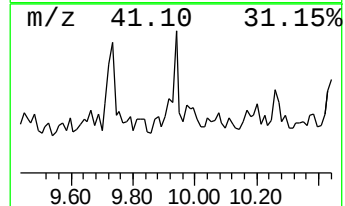
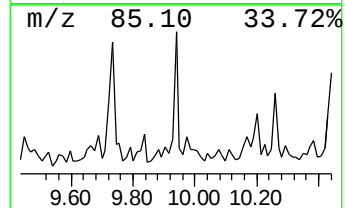
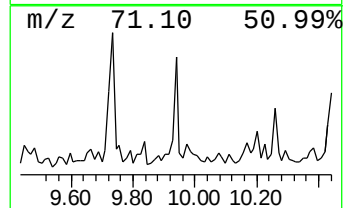
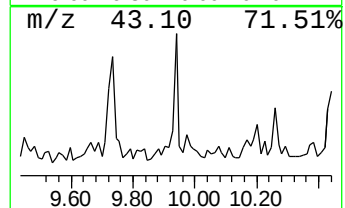
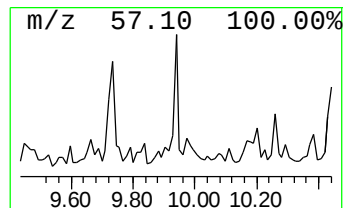
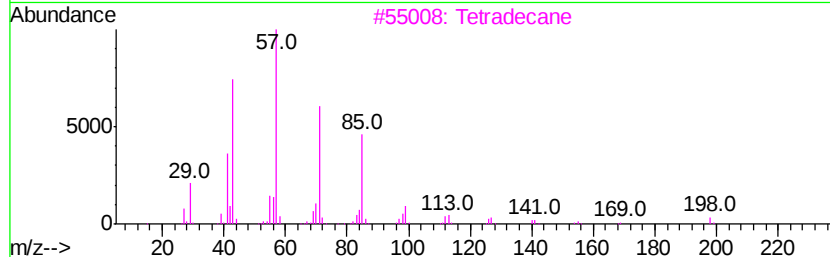
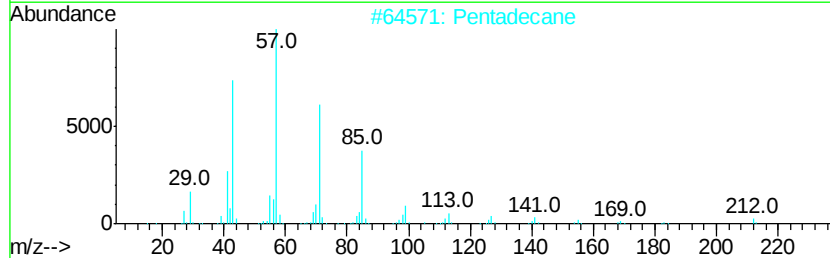
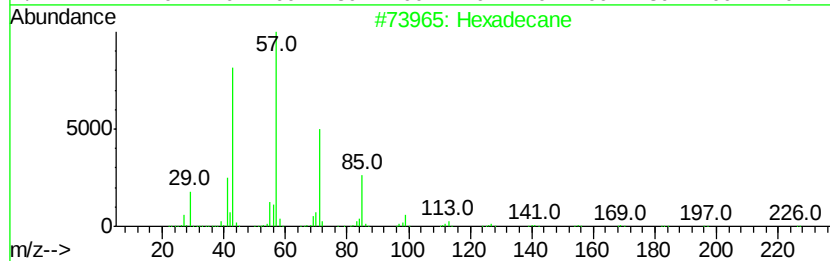
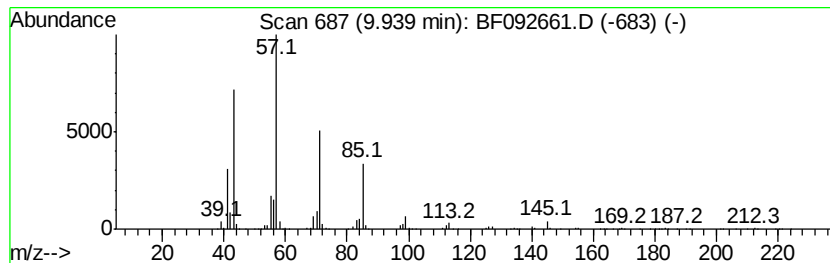
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	17.93 ng	1806100	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Pentadecane	212	C15H32	000629-62-9	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
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ALS Vial : 22 Sample Multiplier: 1

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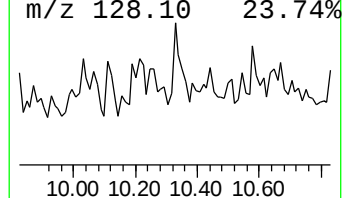
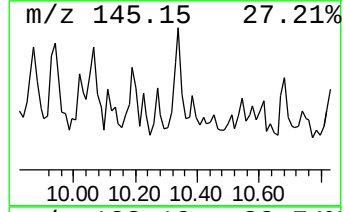
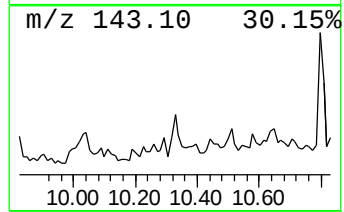
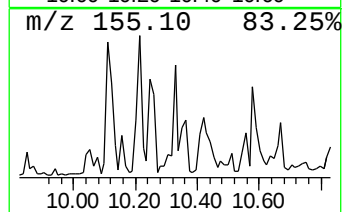
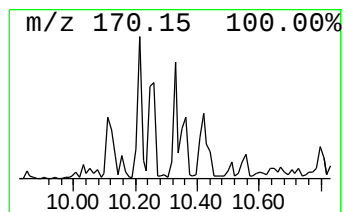
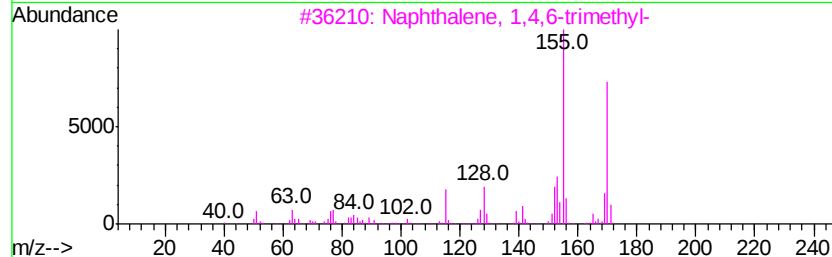
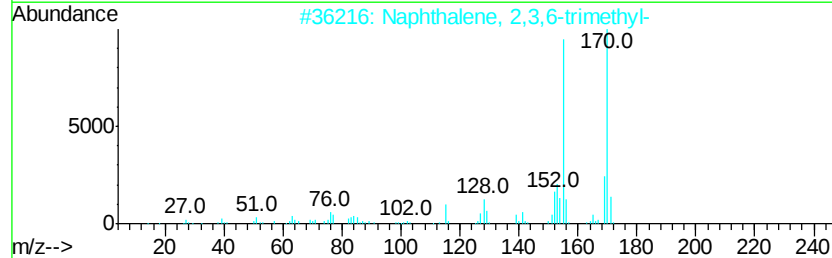
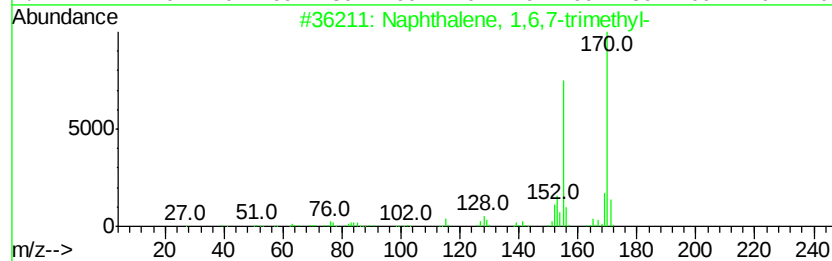
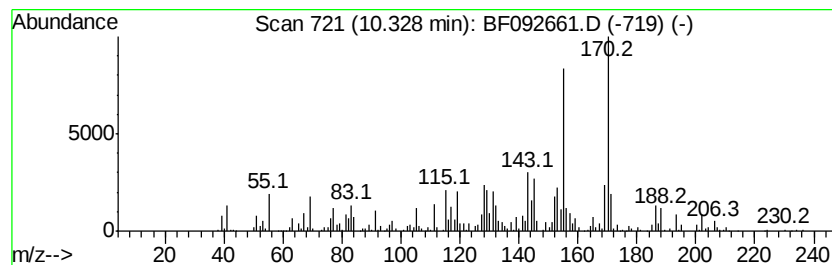
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	9.34 ng	940802	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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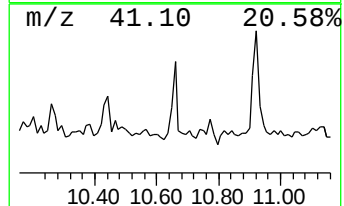
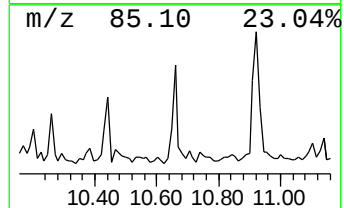
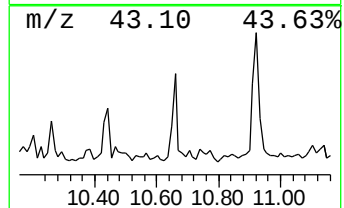
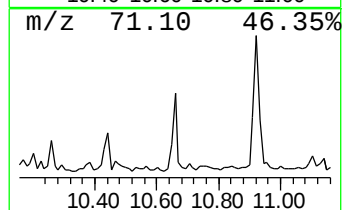
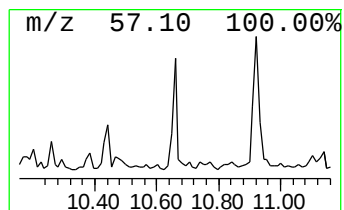
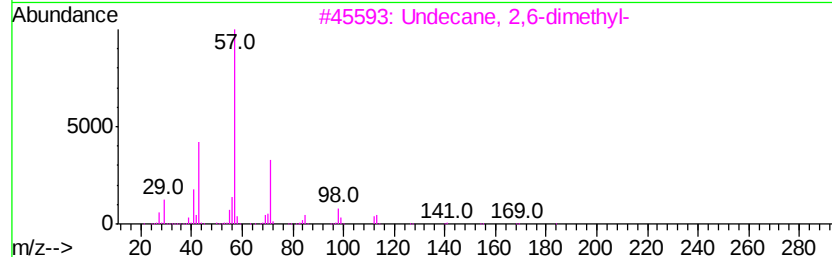
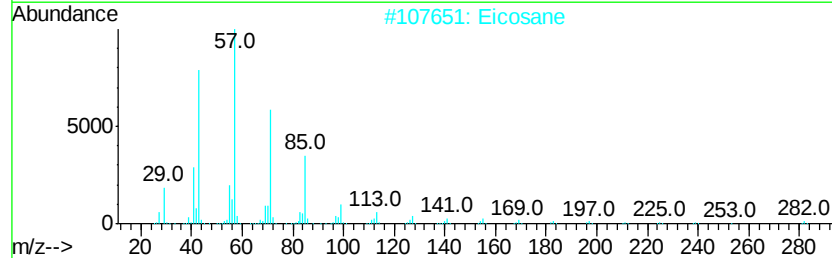
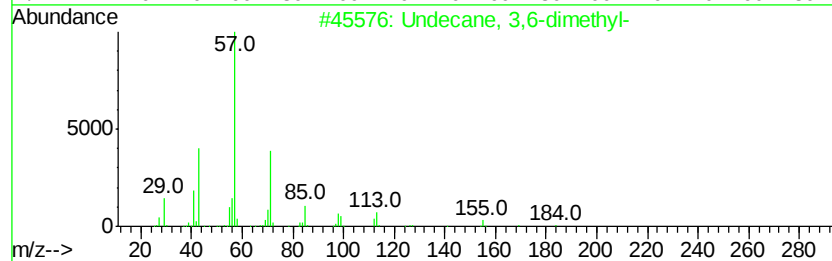
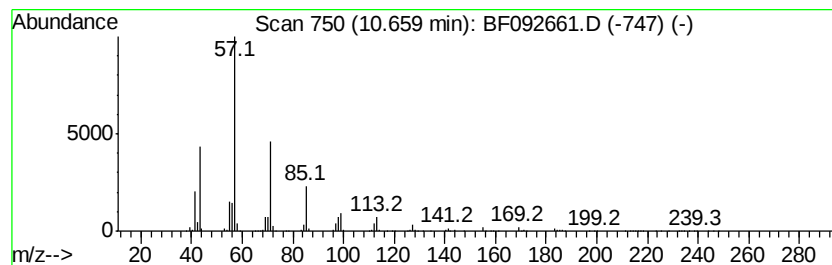
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	18.26 ng	1838700	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2		Eicosane	282	C20H42	000112-95-8	72
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
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ClientSampleId :
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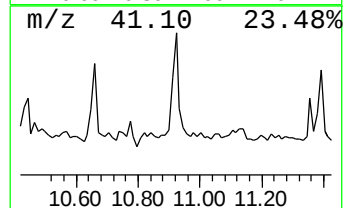
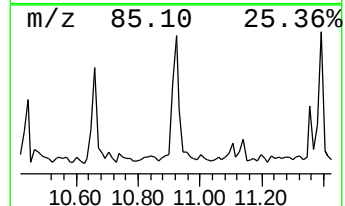
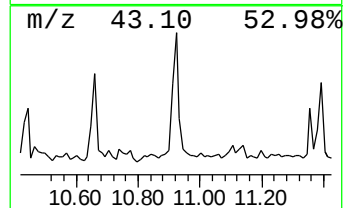
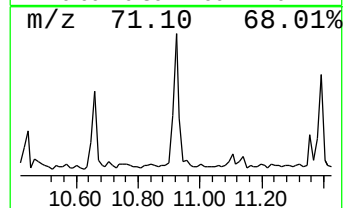
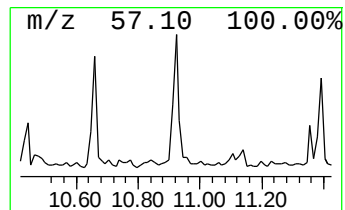
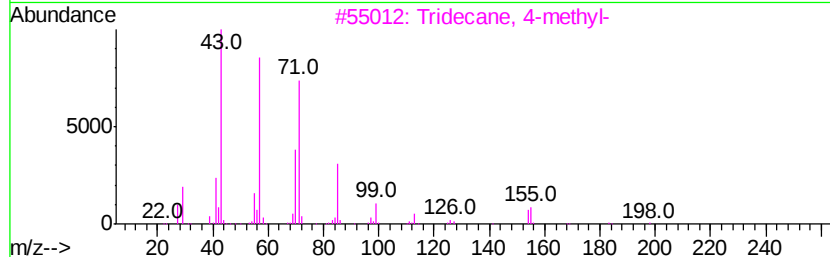
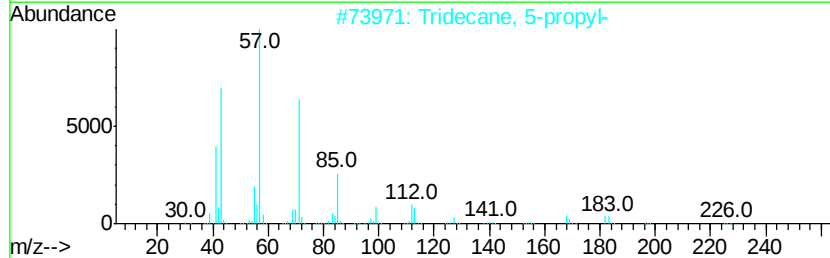
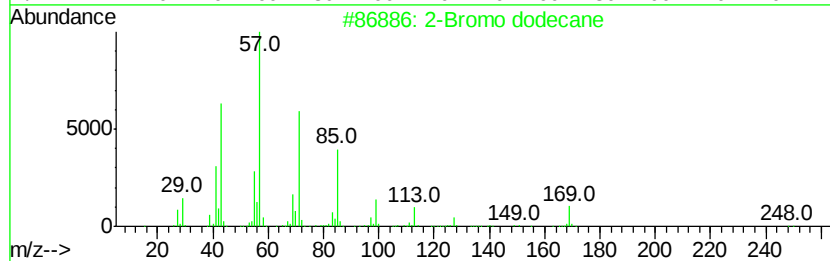
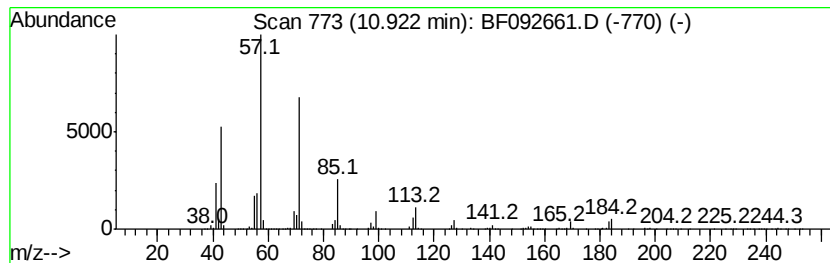
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	34.56 ng	3276680	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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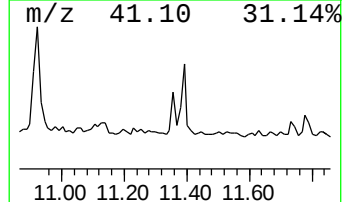
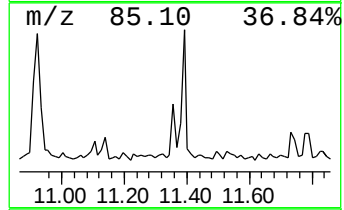
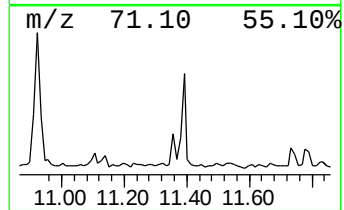
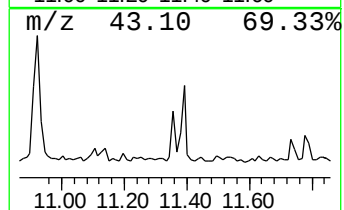
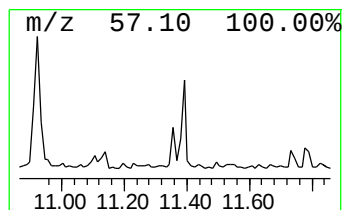
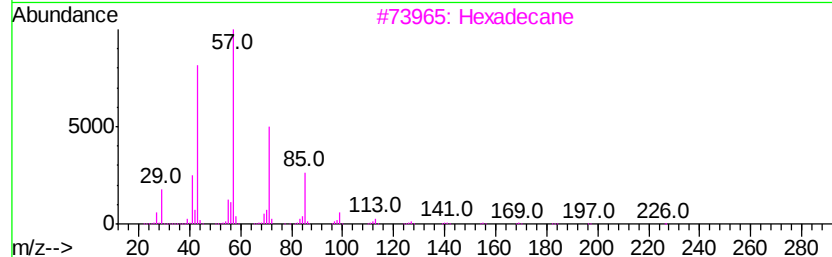
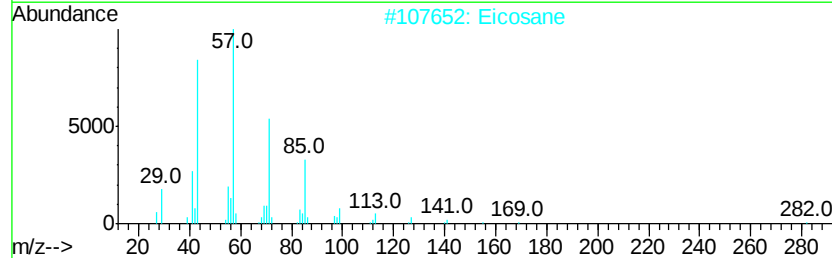
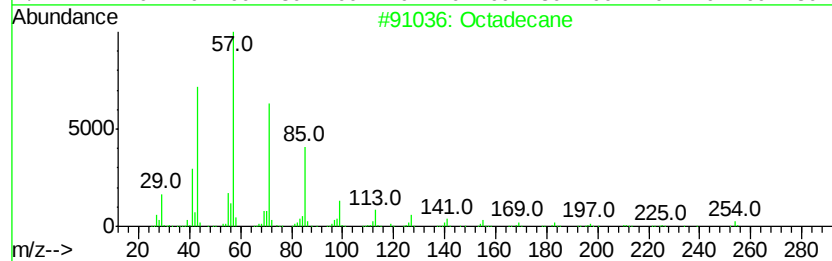
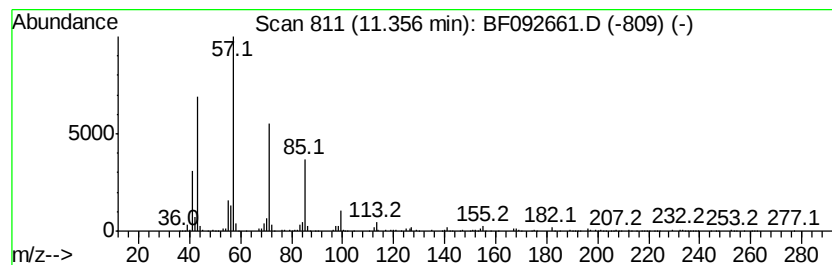
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	7.56 ng	716962	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5		Nonacosane	408	C29H60	000630-03-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092661.D
 Acq On : 31 Jan 2017 3:55
 Operator : SJ/MA
 Sample : I1531-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.14	19.7	ng	1288960	1	6.97	1310400	20.0
1-Octene, 3,7-dim...	6.49	9.4	ng	616826	1	6.97	1310400	20.0
unknown6.73	6.73	43.6	ng	2858020	1	6.97	1310400	20.0
Decane	6.80	12.1	ng	792348	1	6.97	1310400	20.0
Benzene, 1-methyl...	7.24	11.9	ng	781785	1	6.97	1310400	20.0
Naphthalene, deca...	7.36	9.7	ng	633534	1	6.97	1310400	20.0
unknown7.61	7.61	7.9	ng	519866	1	6.97	1310400	20.0
Naphthalene, deca...	7.89	6.8	ng	1184460	2	8.26	3473250	20.0
Cyclohexane, 2-bu...	8.45	6.4	ng	1116470	2	8.26	3473250	20.0
Dodecane, 2,7,10-...	9.28	12.1	ng	1214010	3	10.01	2014410	20.0
Tetradecane	9.41	18.2	ng	1835610	3	10.01	2014410	20.0
Naphthalene, 1,7-...	9.66	8.4	ng	848423	3	10.01	2014410	20.0
Hexadecane	9.94	17.9	ng	1806100	3	10.01	2014410	20.0
Naphthalene, 1,6,...	10.33	9.3	ng	940802	3	10.01	2014410	20.0
Undecane, 3,6-dim...	10.66	18.3	ng	1838700	3	10.01	2014410	20.0
2-Bromo dodecane	10.92	34.6	ng	3276680	4	11.51	1896270	20.0
Octadecane	11.36	7.6	ng	716962	4	11.51	1896270	20.0