

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093451.D
 Acq On : 9 Mar 2017 1:40
 Operator : SJ/MA
 Sample : I2133-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB415A

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-BF030717.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	4.264	204	208	213	rBV3	27118	64461	1.26%	0.063%
2	4.813	253	256	259	rVB3	31792	64715	1.26%	0.063%
3	4.916	263	265	276	rVB	654692	1184283	23.14%	1.151%
4	5.099	279	281	283	rBV	52812	64316	1.26%	0.063%
5	5.361	302	304	313	rBV	3689661	4380062	85.60%	4.257%
6	5.487	313	315	317	rVV	60003	93273	1.82%	0.091%
7	5.533	317	319	320	rVV	51299	60124	1.18%	0.058%
8	5.567	320	322	326	rVB3	65871	123637	2.42%	0.120%
9	5.739	333	337	340	rBV3	114183	271465	5.31%	0.264%
10	5.796	340	342	344	rVV2	60643	109856	2.15%	0.107%
11	5.887	347	350	352	rVB	204784	217638	4.25%	0.212%
12	5.944	352	355	357	rBV2	66648	153511	3.00%	0.149%
13	5.990	357	359	362	rVV2	173210	303178	5.93%	0.295%
14	6.047	362	364	365	rVV	138151	174915	3.42%	0.170%
15	6.070	365	366	373	rVB3	79029	248272	4.85%	0.241%
16	6.184	373	376	377	rBV	155995	228604	4.47%	0.222%
17	6.219	377	379	382	rVV3	46877	75143	1.47%	0.073%
18	6.276	382	384	389	rVV2	211395	425135	8.31%	0.413%
19	6.424	394	397	401	rBV	3766170	4307597	84.18%	4.187%
20	6.493	401	403	405	rBV3	112735	190471	3.72%	0.185%
21	6.539	405	407	410	rVB	4338997	4203600	82.15%	4.086%
22	6.607	410	413	415	rVB3	145699	189505	3.70%	0.184%
23	6.699	418	421	422	rBV	109873	171265	3.35%	0.166%
24	6.722	422	423	424	rBV	114412	112246	2.19%	0.109%
25	6.767	424	427	430	rVB2	1042051	1501302	29.34%	1.459%
26	6.824	430	432	433	rBV	208353	312583	6.11%	0.304%
27	6.859	433	435	436	rBV2	105609	206775	4.04%	0.201%
28	6.882	436	437	438	rBV	254543	177878	3.48%	0.173%
29	6.927	438	441	443	rBV	2793028	3682188	71.96%	3.579%
30	6.996	443	447	448	rVB2	112538	51376	1.00%	0.050%
31	7.030	448	450	453	rVB2	353654	479736	9.38%	0.466%
32	7.110	455	457	459	rBV2	199779	290120	5.67%	0.282%
33	7.156	459	461	462	rBV	570103	582574	11.39%	0.566%
34	7.179	462	463	466	rVB2	141271	244495	4.78%	0.238%

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35	7.236	466	468	470	rBV3	95307	100582	1.97%	0.098%
36	7.305	470	474	475	rBV3	398509	870030	17.00%	0.846%
37	7.339	475	477	481	rVB	2367722	3019964	59.02%	2.935%
38	7.407	481	483	485	rVB2	542877	913585	17.85%	0.888%
39	7.465	485	488	492	rBV4	350837	1117889	21.85%	1.087%
40	7.567	492	497	499	rVB3	669477	1647814	32.20%	1.602%
41	7.636	499	503	504	rBV4	321978	672682	13.15%	0.654%
42	7.693	504	508	510	rVB4	703716	1593055	31.13%	1.548%
43	7.762	510	514	516	rVB4	180585	333460	6.52%	0.324%
44	7.807	516	518	522	rBV4	305434	740536	14.47%	0.720%
45	7.876	522	524	526	rBV2	531674	680608	13.30%	0.662%
46	7.933	526	529	530	rBV2	338147	574054	11.22%	0.558%
47	7.990	533	534	535	rBV	513441	527071	10.30%	0.512%
48	8.059	536	540	541	rVB	1356184	1755906	34.32%	1.707%
49	8.105	541	544	547	rBV4	484377	1343477	26.26%	1.306%
50	8.219	552	554	555	rBV2	437984	592694	11.58%	0.576%
51	8.253	555	557	559	rBV3	455546	605262	11.83%	0.588%
52	8.345	563	565	567	rBV2	1013492	1168100	22.83%	1.135%
53	8.402	567	570	572	rBV3	286232	522490	10.21%	0.508%
54	8.436	572	573	575	rVB2	419554	473569	9.26%	0.460%
55	8.482	575	577	579	rBV	2188009	2943632	57.53%	2.861%
56	8.562	582	584	585	rBV2	315358	456825	8.93%	0.444%
57	8.596	585	587	588	rBV2	718942	912971	17.84%	0.887%
58	8.688	593	595	598	rVV4	565280	1229161	24.02%	1.195%
59	8.745	598	600	602	rVB3	1042991	1534942	30.00%	1.492%
60	8.802	602	605	606	rBV3	477048	897569	17.54%	0.872%
61	8.962	618	619	621	rVB2	887782	953561	18.64%	0.927%
62	9.008	621	623	624	rBV2	528214	636724	12.44%	0.619%
63	9.042	624	626	627	rVV	671129	612051	11.96%	0.595%
64	9.088	627	630	631	rVV	1858602	2323962	45.42%	2.259%
65	9.133	631	634	636	rVB	2686571	3266288	63.83%	3.175%
66	9.213	638	641	644	rBV5	1037427	2391936	46.75%	2.325%
67	9.408	656	658	659	rBV2	622079	442669	8.65%	0.430%
68	9.442	659	661	662	rBV2	393402	654314	12.79%	0.636%
69	9.533	665	669	671	rBV2	2385273	5116844	100.00%	4.973%
70	9.670	679	681	683	rBV3	1024780	1548873	30.27%	1.505%
71	9.716	683	685	687	rVB2	2022094	2083309	40.71%	2.025%

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72	9.750	687	688	690	rBV2	464926	745239	14.56%	0.724%
73	9.785	690	691	692	rVV	952808	1140445	22.29%	1.108%
74	9.853	695	697	698	rBV	751281	987667	19.30%	0.960%
75	9.922	702	703	705	rVB2	814820	684755	13.38%	0.666%
76	9.968	705	707	709	rBV3	631543	1012260	19.78%	0.984%
77	10.070	714	716	720	rVB4	1081254	1990110	38.89%	1.934%
78	10.139	720	722	723	rBV	1180802	1681973	32.87%	1.635%
79	10.173	723	725	727	rVB3	530260	916861	17.92%	0.891%
80	10.219	727	729	732	rBV2	1078106	1819356	35.56%	1.768%
81	10.356	739	741	744	rBV4	821041	1629499	31.85%	1.584%
82	10.471	748	751	753	rVB2	924763	1691508	33.06%	1.644%
83	10.608	762	763	768	rVB5	1302586	2342768	45.79%	2.277%
84	10.733	771	774	777	rVB	2588781	3487824	68.16%	3.390%
85	10.802	778	780	781	rBV2	556218	597646	11.68%	0.581%
86	10.939	790	792	793	rBV2	556307	454263	8.88%	0.442%
87	11.191	812	814	817	rVB	1409288	1867126	36.49%	1.815%
88	11.305	822	824	825	rBV	805253	1044182	20.41%	1.015%
89	11.545	843	845	846	rBV2	605035	719393	14.06%	0.699%
90	12.516	929	930	933	rVB	824687	700404	13.69%	0.681%
91	12.745	948	950	954	rBV2	972237	1513324	29.58%	1.471%
92	12.882	960	962	966	rVB	1359502	2163141	42.27%	2.102%
93	13.945	1053	1055	1057	rBV3	786721	1490669	29.13%	1.449%

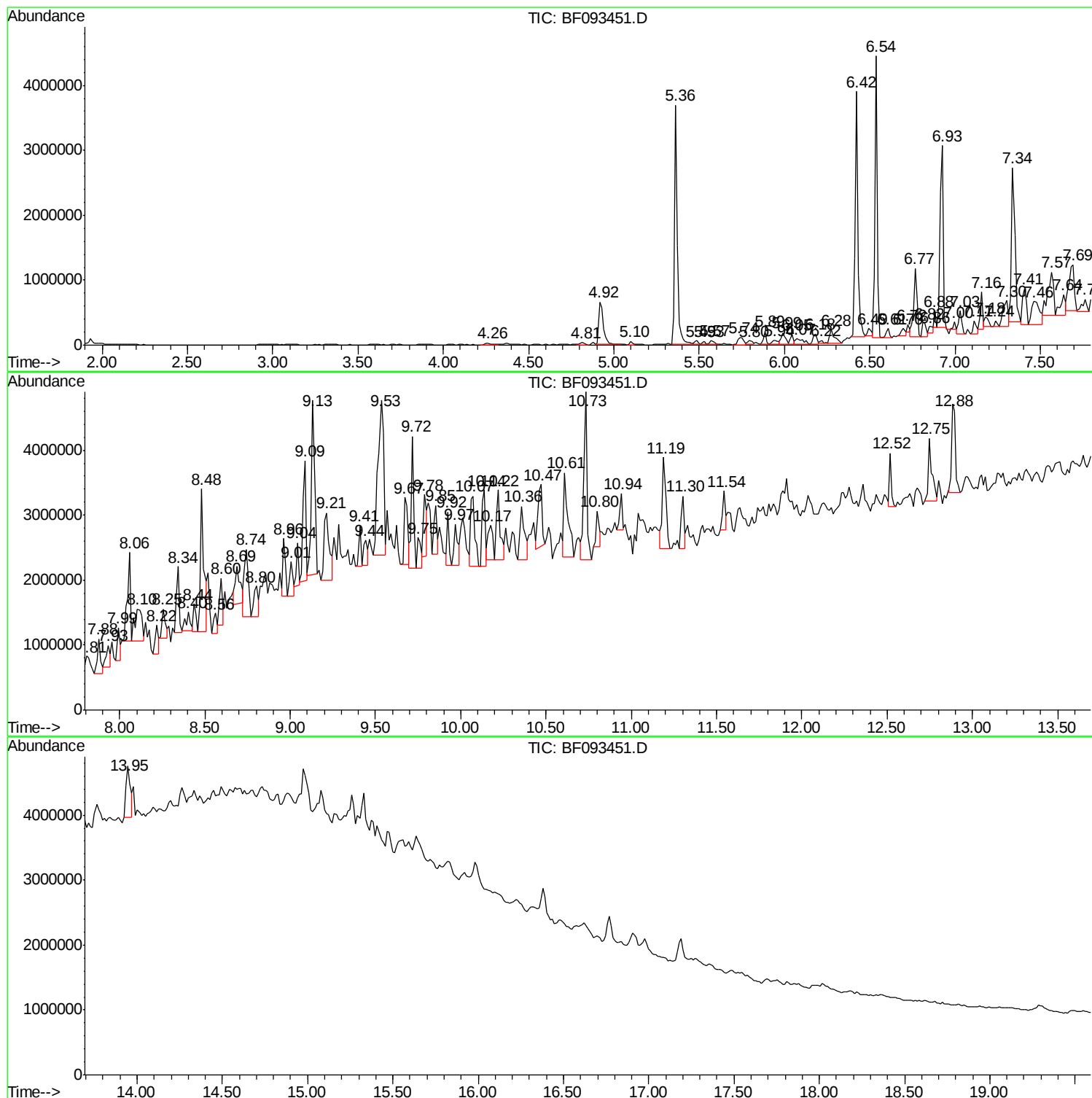
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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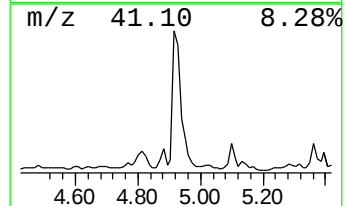
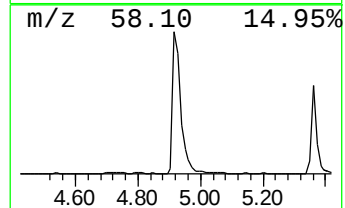
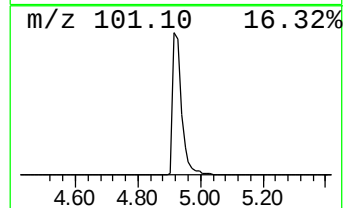
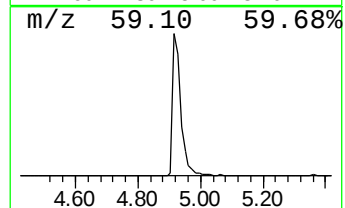
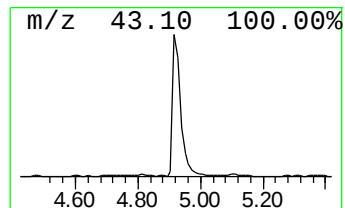
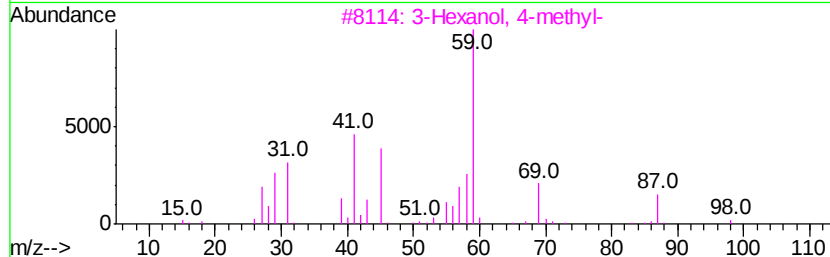
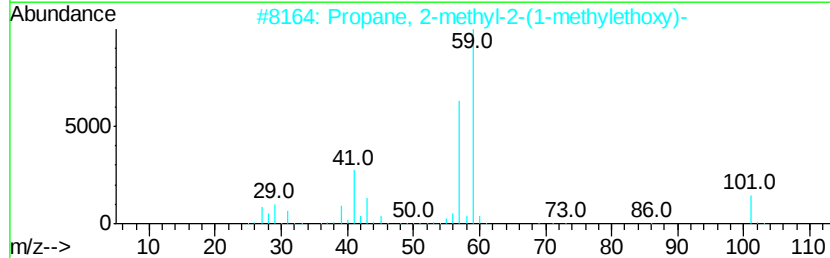
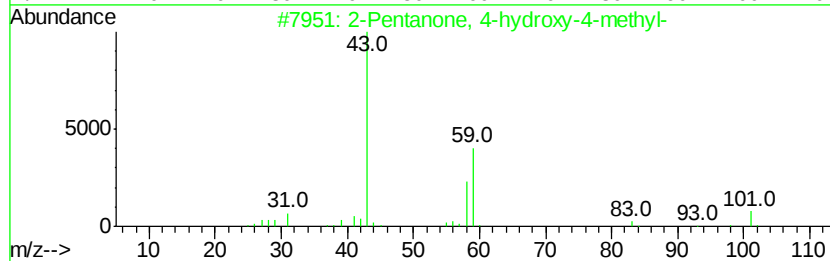
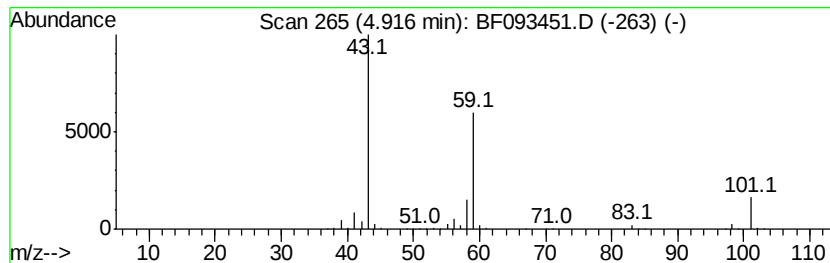
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	15.78 ng	1184280	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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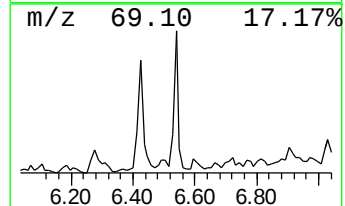
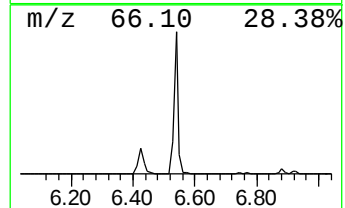
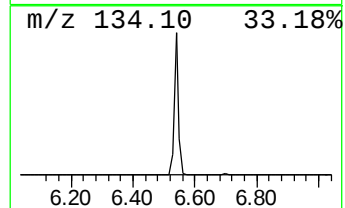
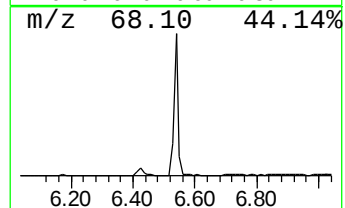
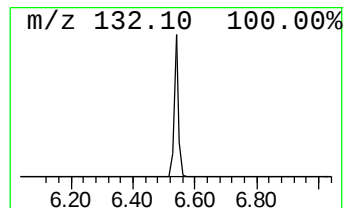
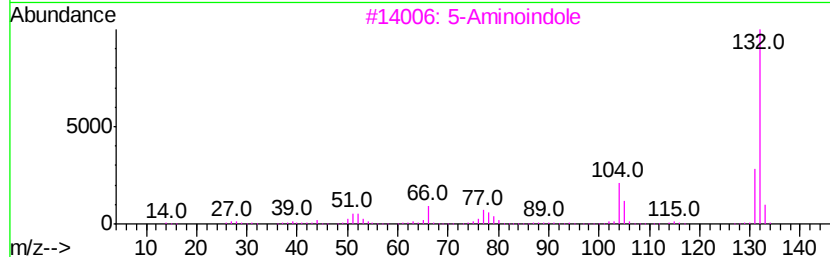
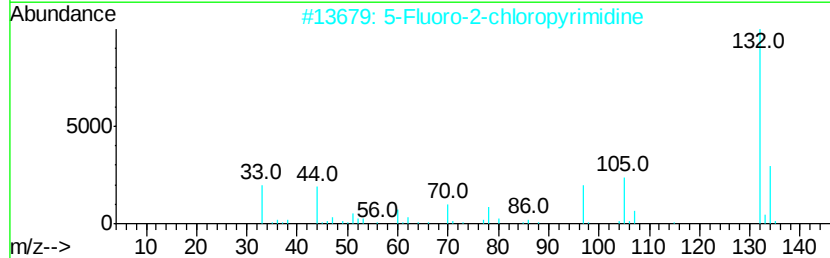
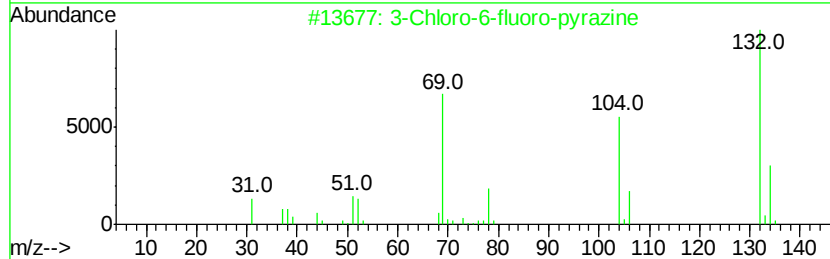
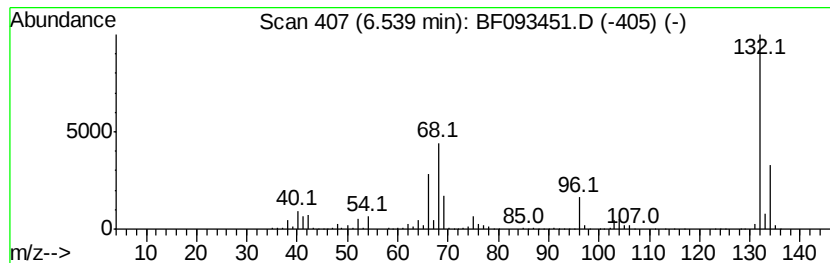
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	56.00 ng	4203600	1,4-Dichlorobenzene-d4	6.77

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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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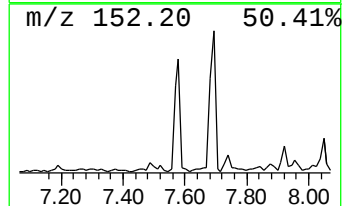
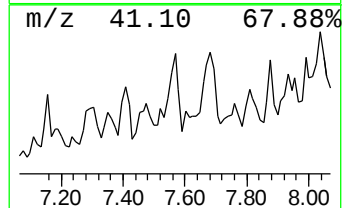
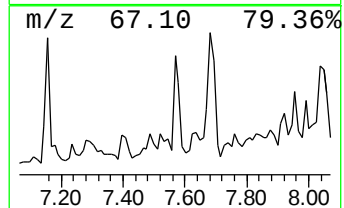
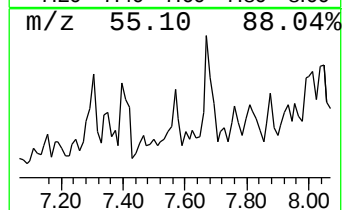
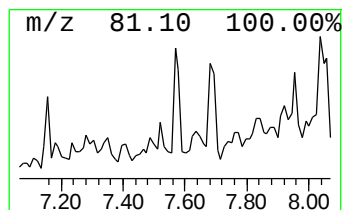
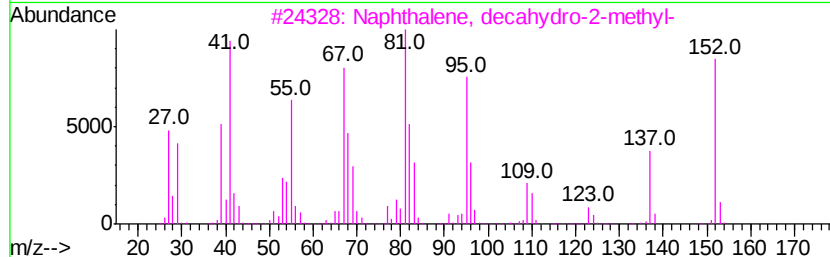
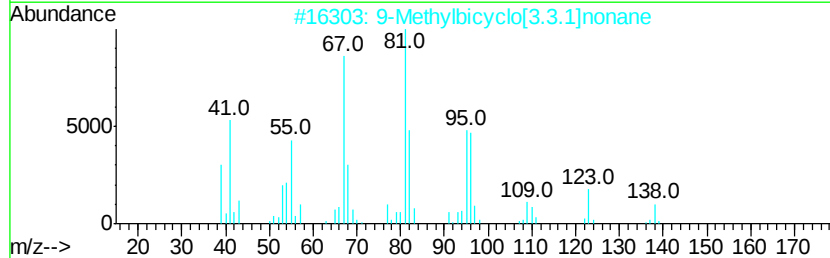
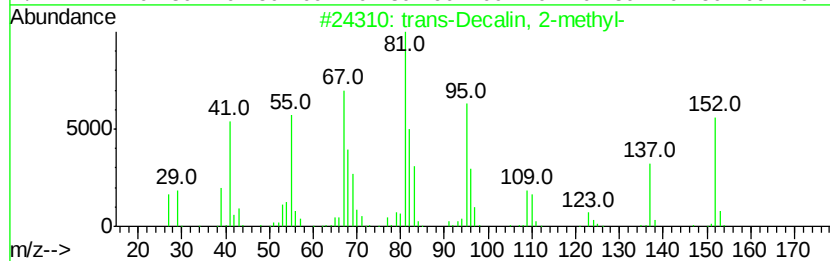
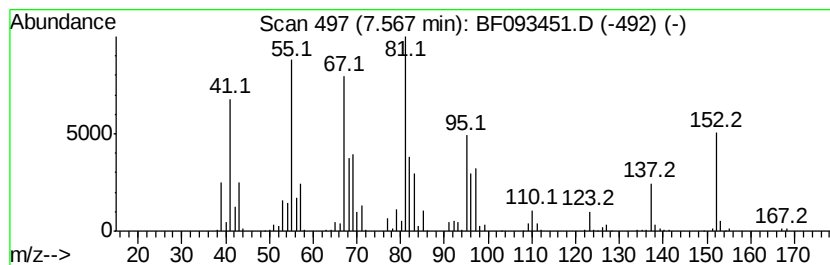
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	18.77 ng	1647810	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	62
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
4		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
5		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	49



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HY-SB415A

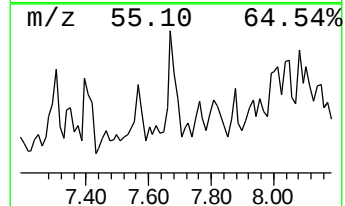
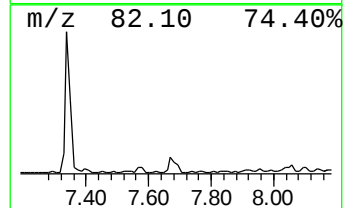
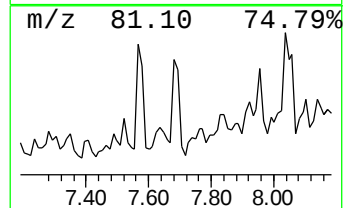
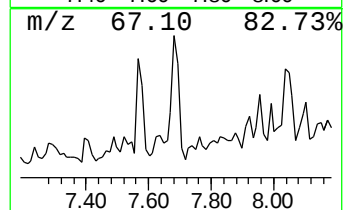
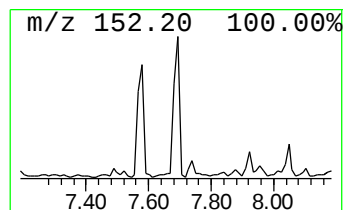
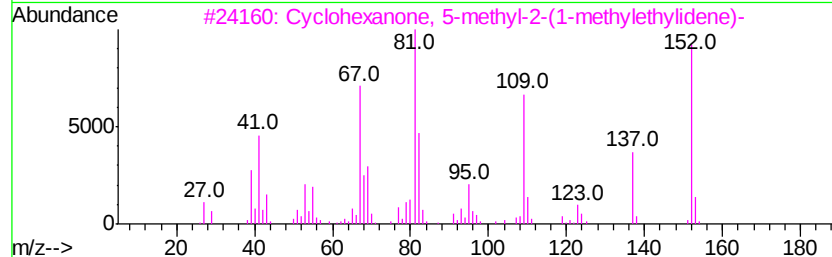
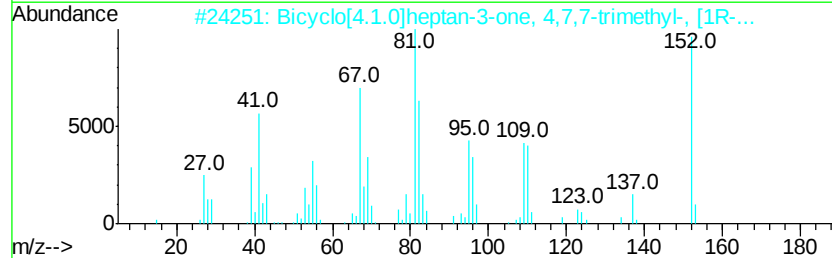
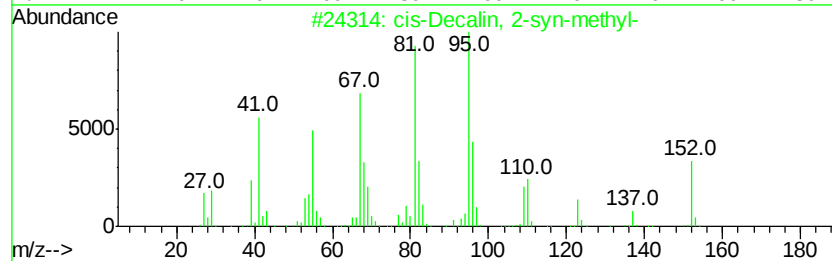
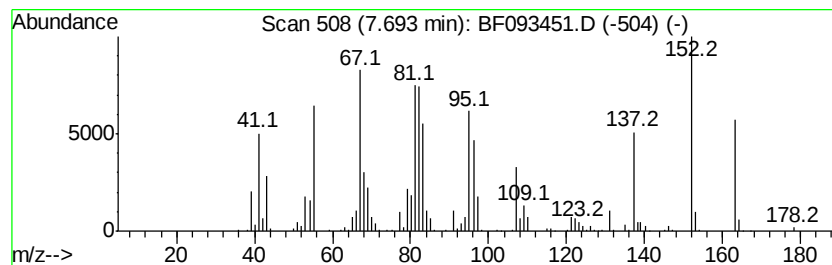
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	18.15 ng	1593060	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49
2		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	49
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46
4		Cyclohexanepropanol-	142	C9H18O	001124-63-6	43
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093451.D
Acq On : 9 Mar 2017 1:40
Operator : SJ/MA
Sample : I2133-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB415A

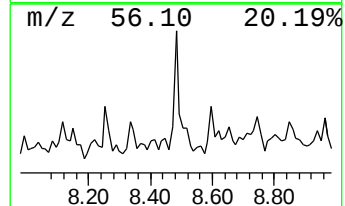
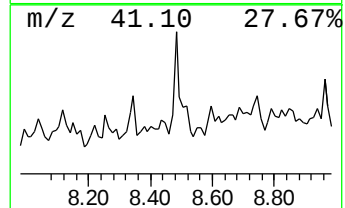
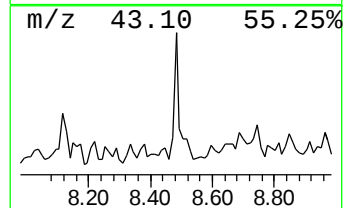
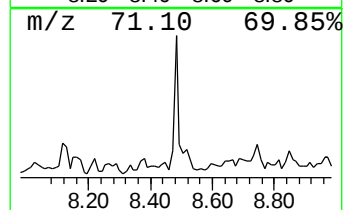
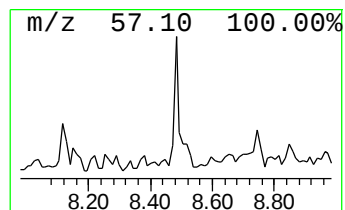
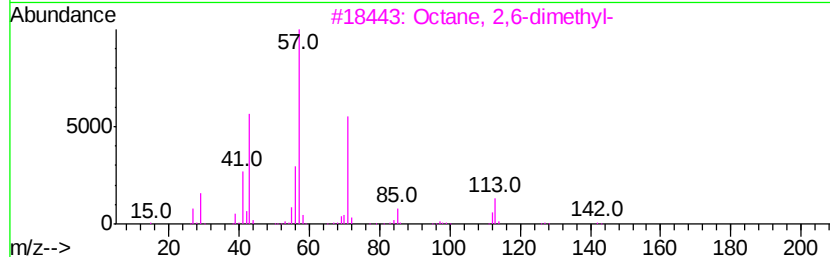
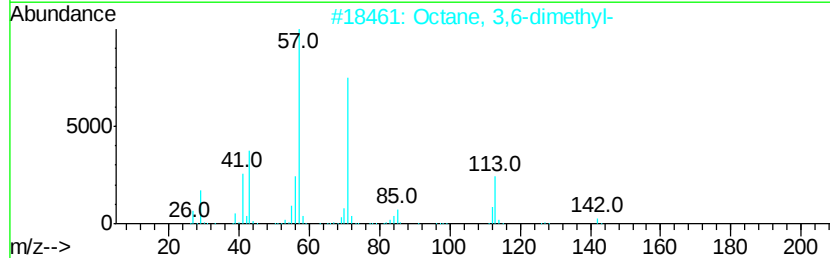
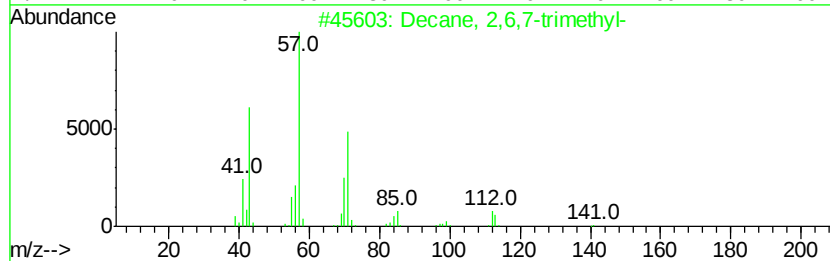
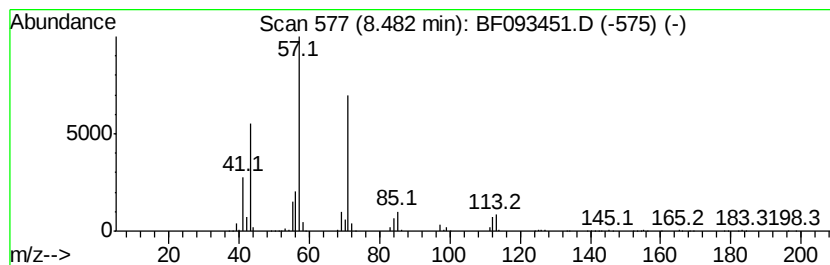
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	33.53 ng	2943630	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093451.D
Acq On : 9 Mar 2017 1:40
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Sample : I2133-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

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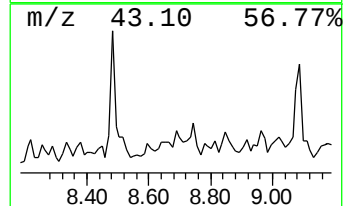
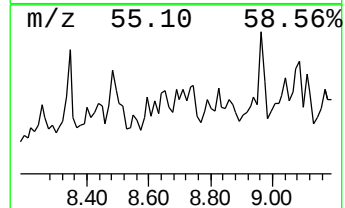
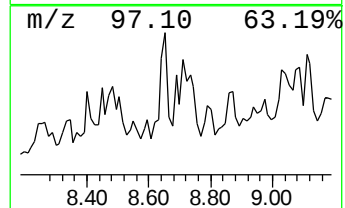
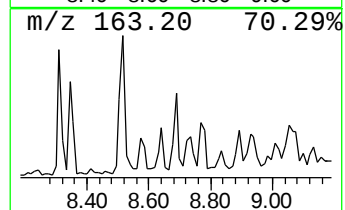
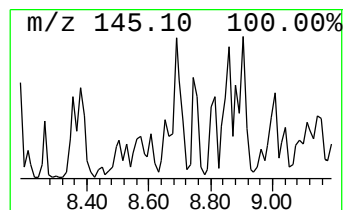
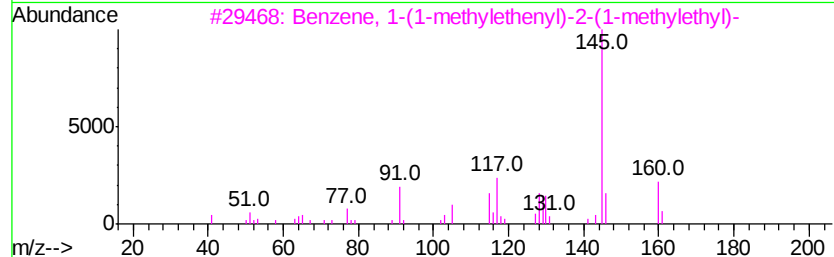
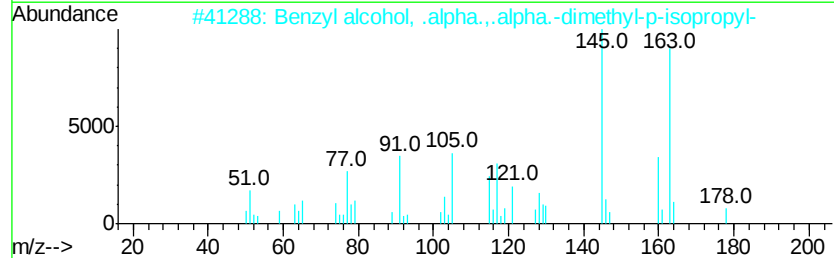
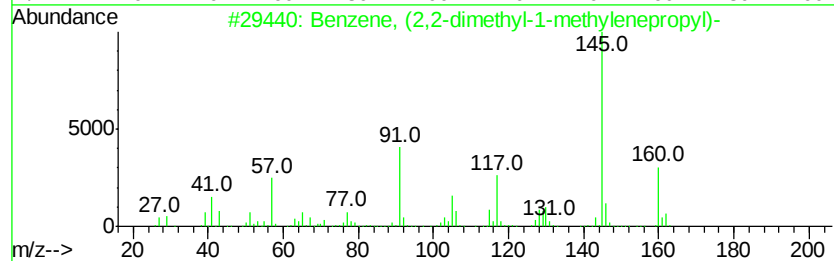
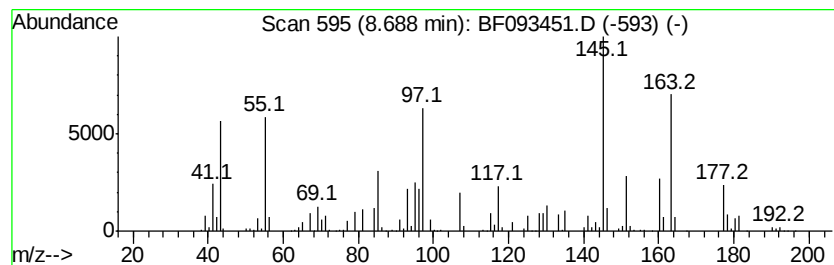
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	14.00 ng	1229160	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2,2-dimethyl-1-methyl-...	160	C12H16	005676-29-9	42
2		Benzyl alcohol, .alpha.,.alpha.-...	178	C12H18O	003445-42-9	42
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	38
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093451.D
Acq On : 9 Mar 2017 1:40
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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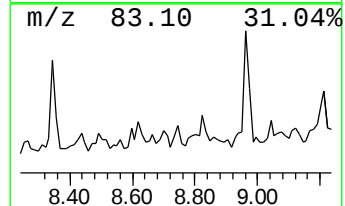
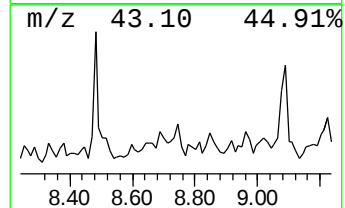
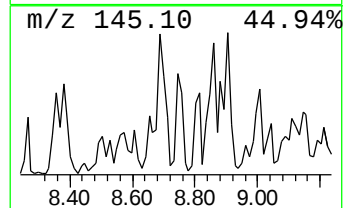
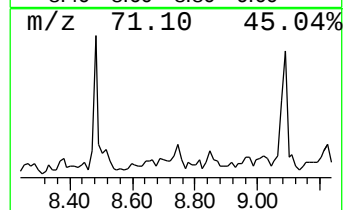
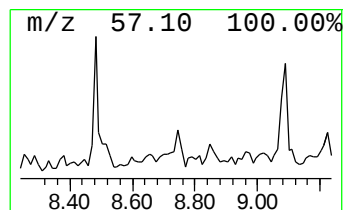
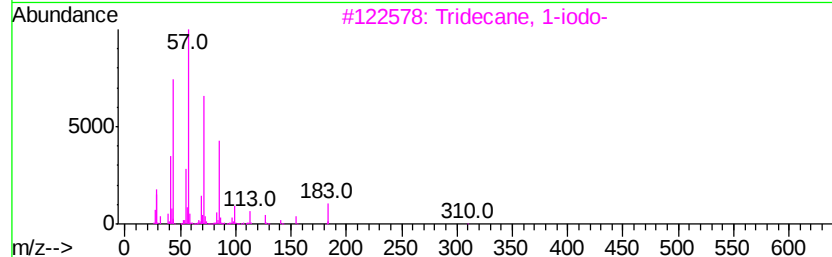
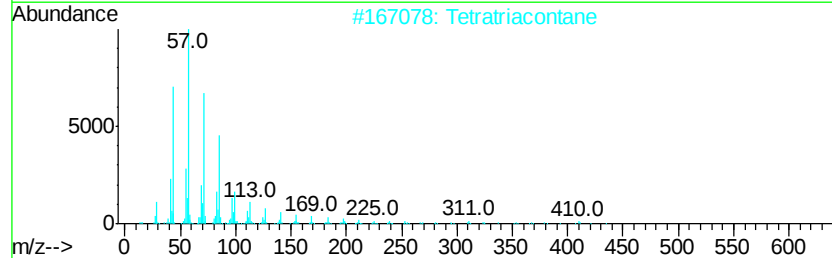
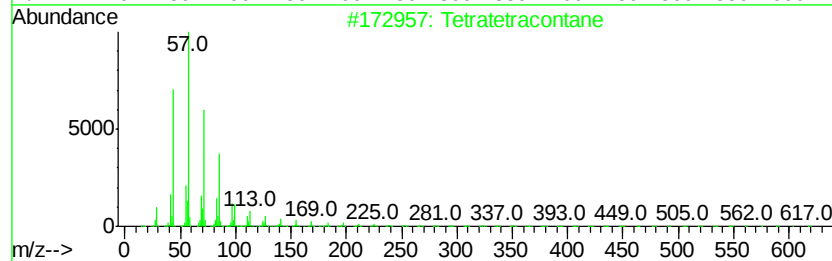
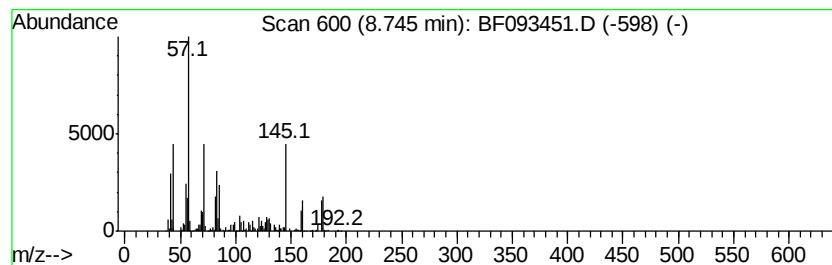
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	17.48 ng	1534940	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	35
2		Tetratriacontane	479	C34H70	014167-59-0	35
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	27
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	27
5		Tridecane	184	C13H28	000629-50-5	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
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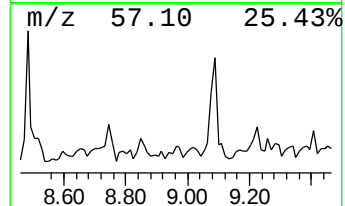
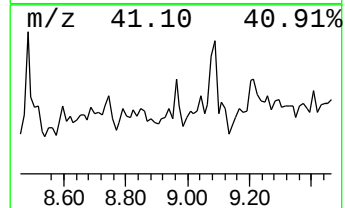
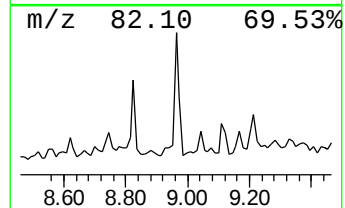
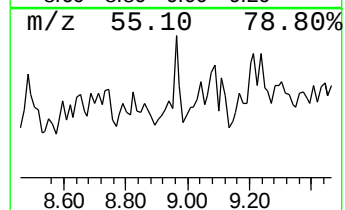
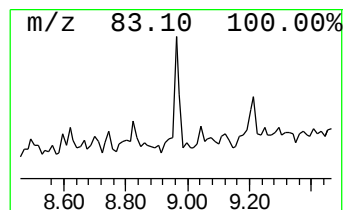
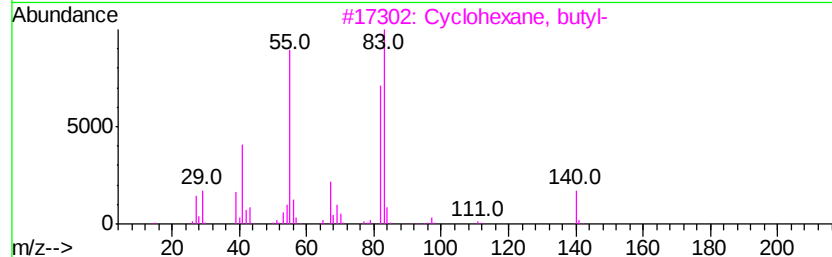
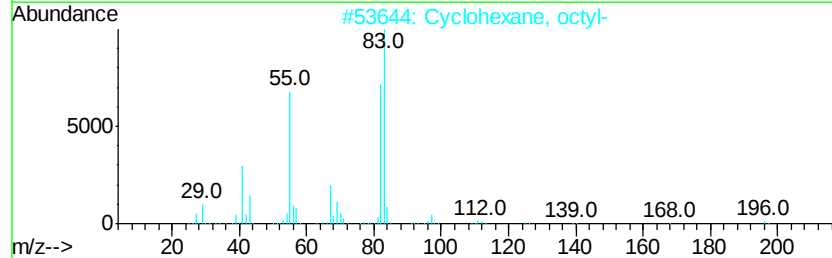
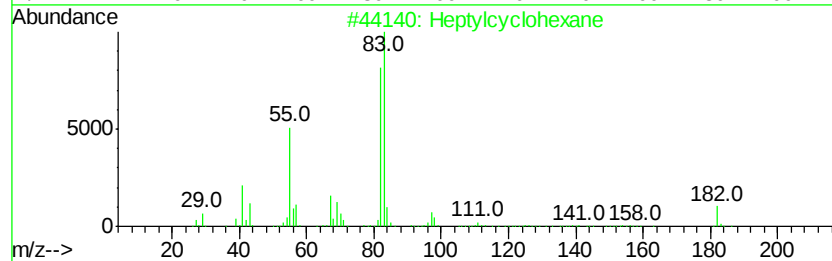
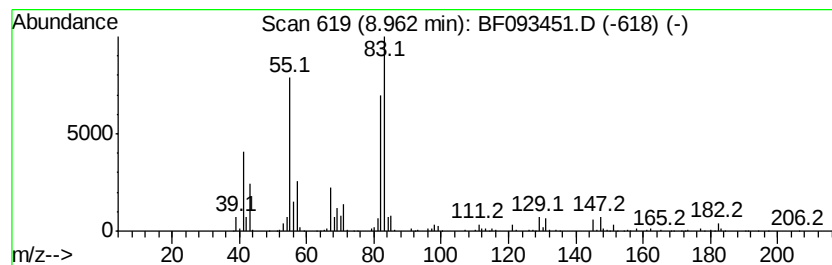
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
8.96	16.72 ng	953561	Acenaphthene-d10		9.82	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	87
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093451.D
Acq On : 9 Mar 2017 1:40
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Sample : I2133-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

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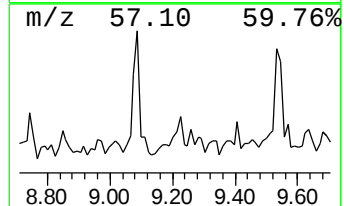
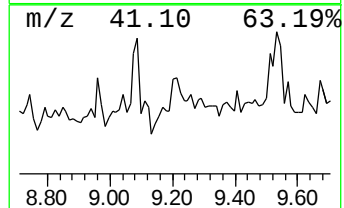
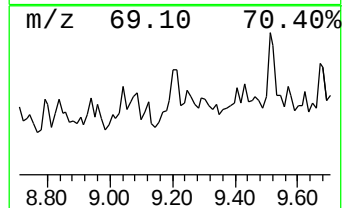
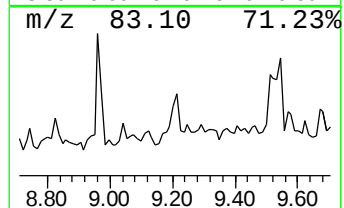
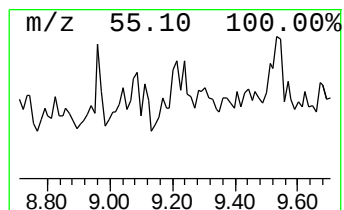
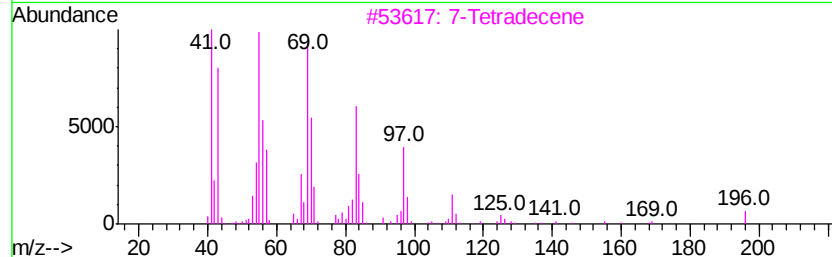
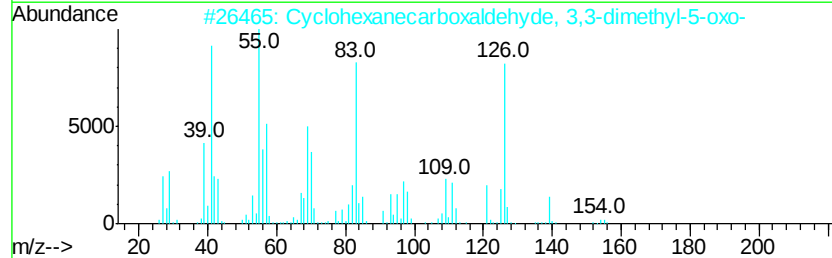
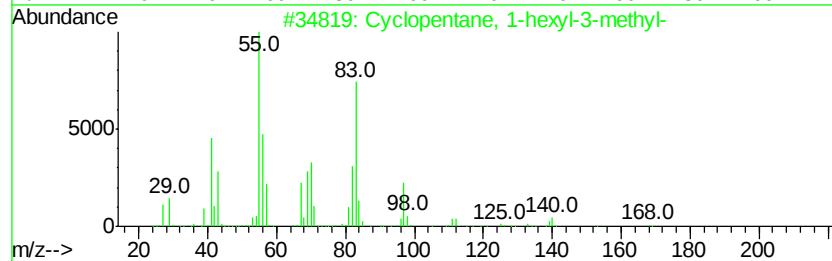
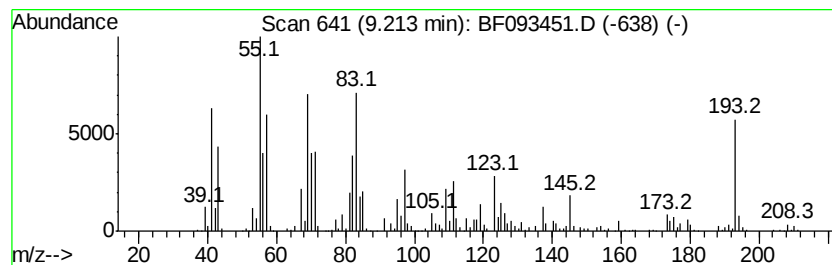
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.21 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	41.95 ng	2391940	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	46
2		Cyclohexanecarboxaldehyde, 3,3-dimethyl-5-oxo-	154	C9H14O2	065080-66-2	38
3		7-Tetradecene	196	C14H28	010374-74-0	38
4		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	35
5		Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093451.D
Acq On : 9 Mar 2017 1:40
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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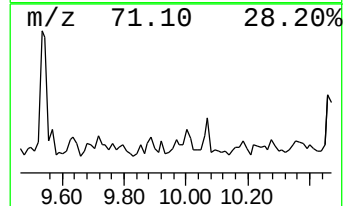
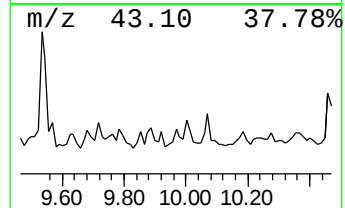
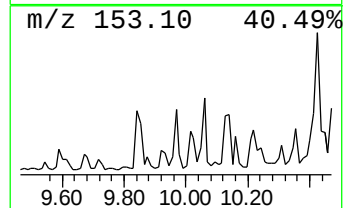
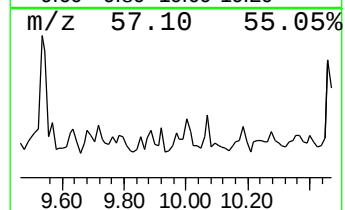
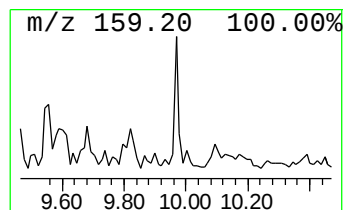
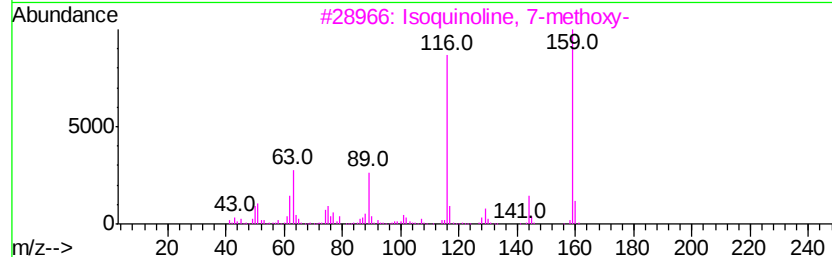
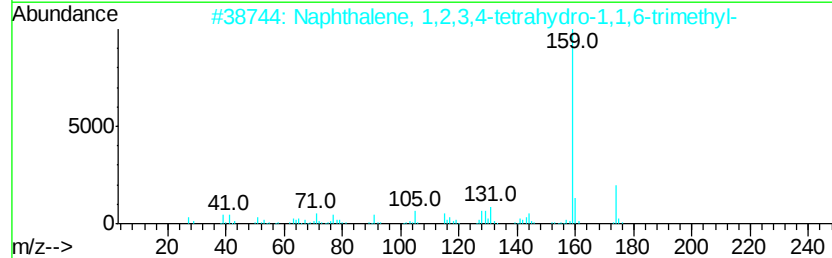
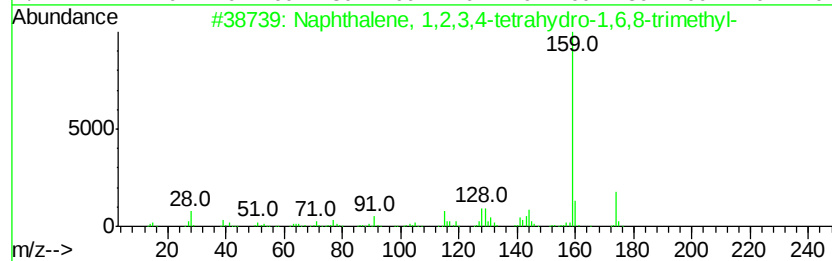
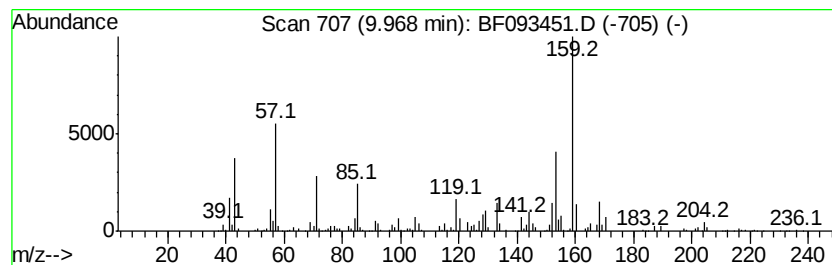
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.97 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	17.75 ng	1012260	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	38
3		Isoquinoline, 7-methoxy-	159	C10H9NO	039989-39-4	32
4		Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	32
5		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	27



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Sample : I2133-10
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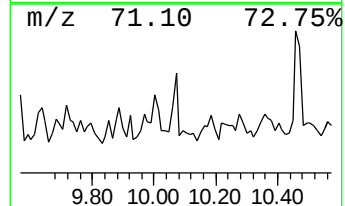
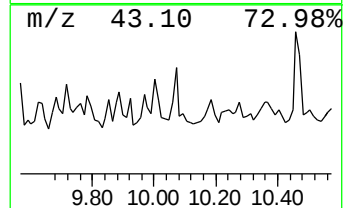
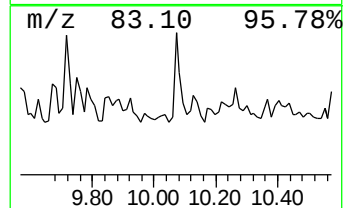
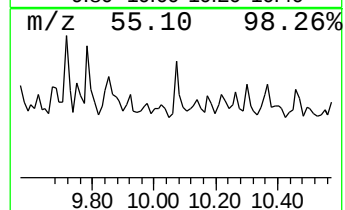
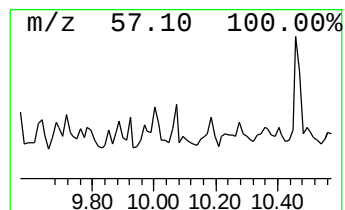
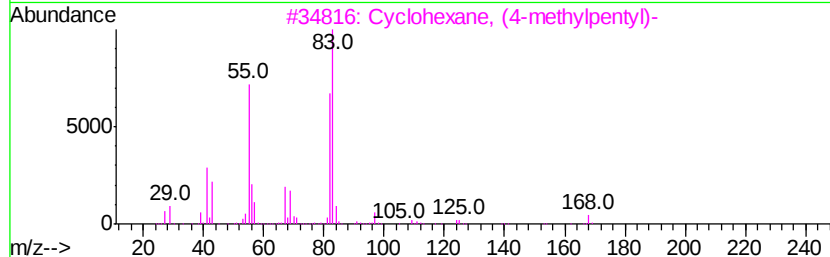
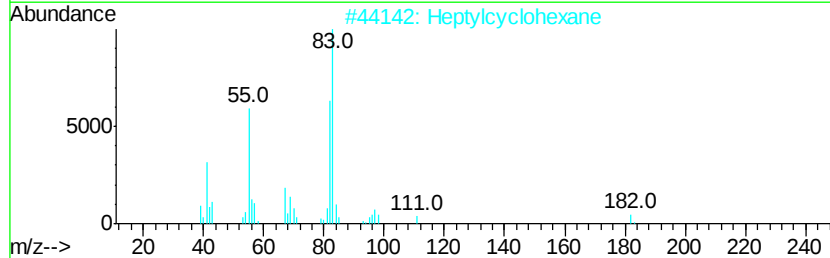
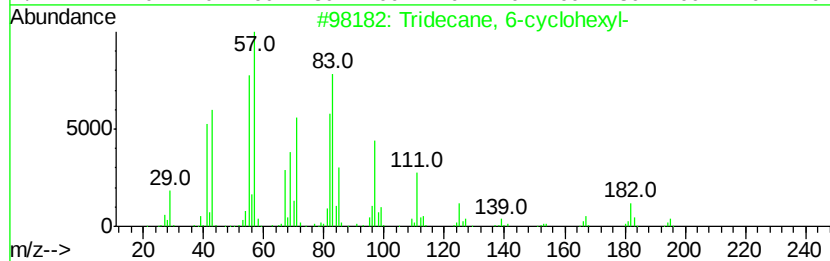
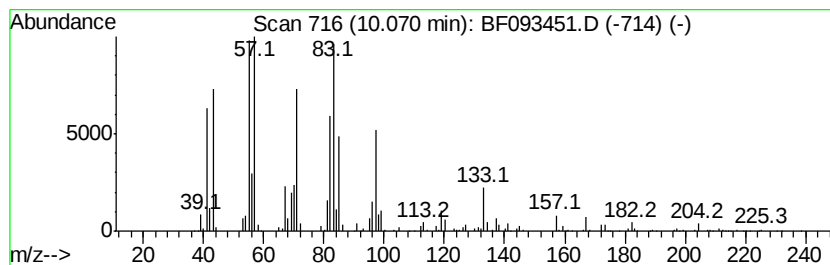
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 6-cyclohexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	34.90 ng	1990110	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 6-cvclohexvl-	266 C19H38	013151-91-2 64
2		Heptylcyclohexane	182 C13H26	005617-41-4 38
3		Cvclohexane, (4-methvlpentvl)-	168 C12H24	061142-20-9 38
4		Tetradecane	198 C14H30	000629-59-4 35
5		Tridecane	184 C13H28	000629-50-5 35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
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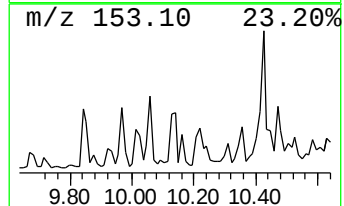
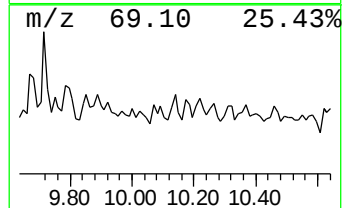
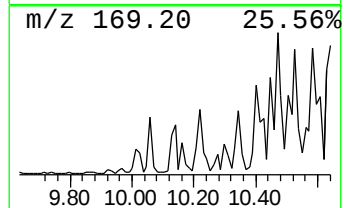
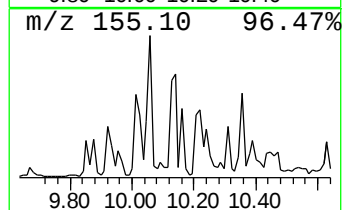
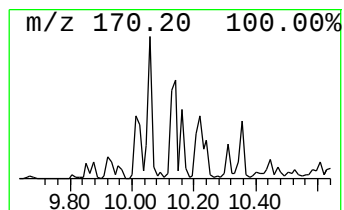
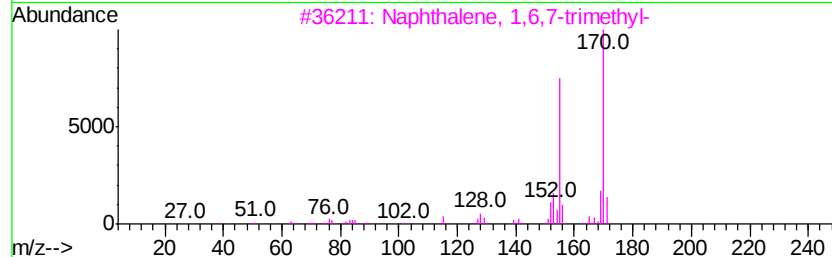
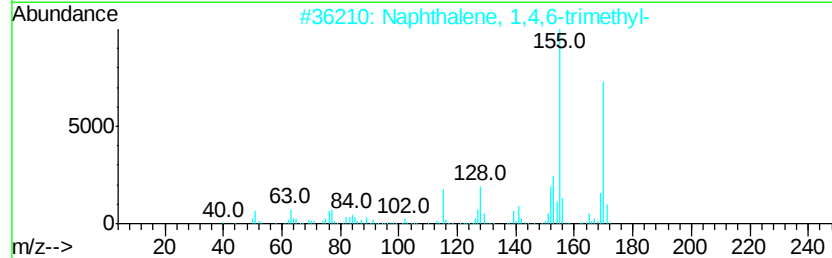
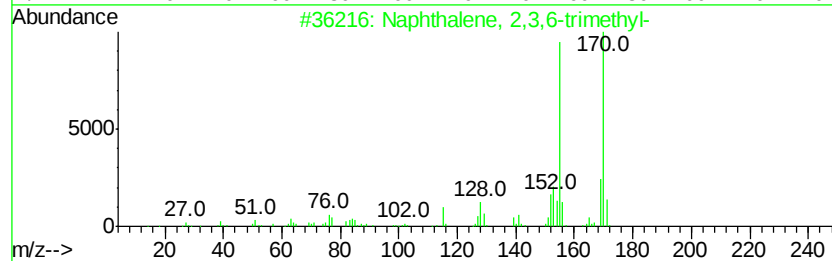
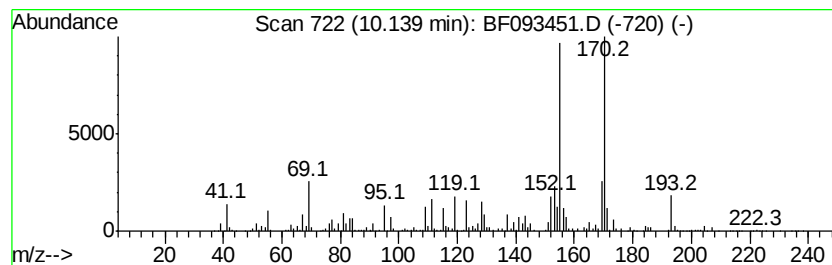
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	29.50 ng	1681970	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



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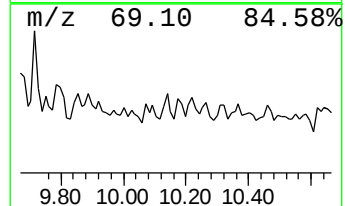
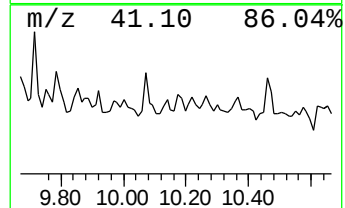
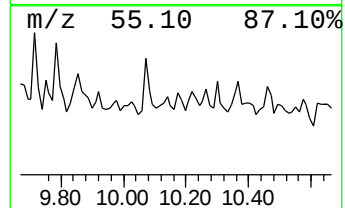
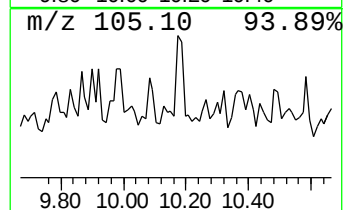
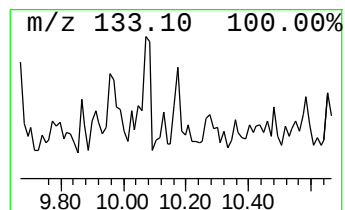
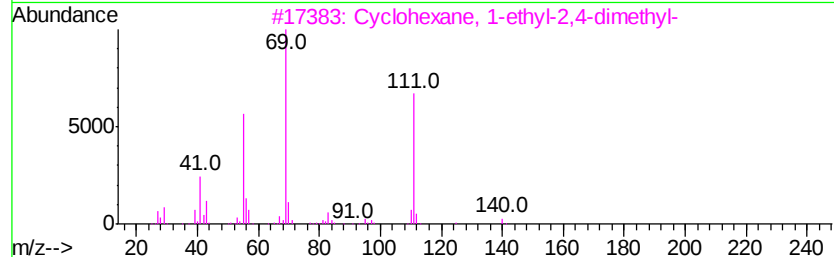
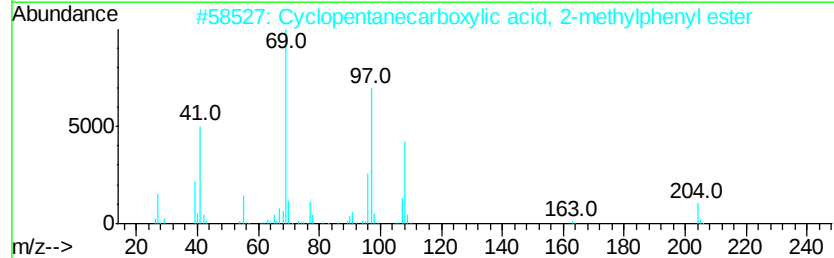
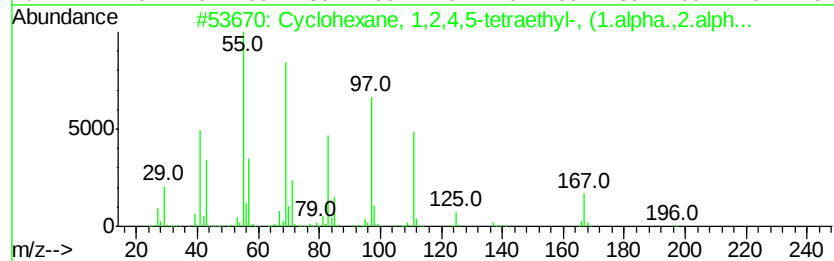
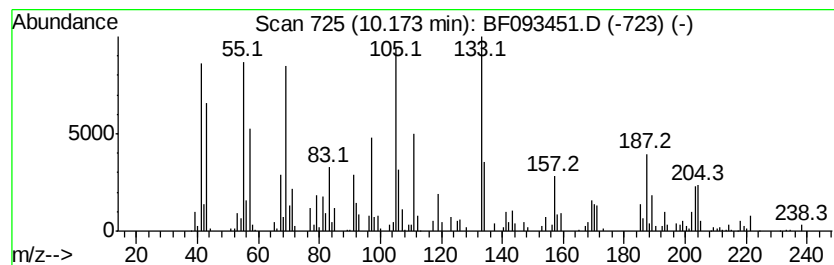
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.17 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	16.08 ng	916861	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	22
2		Cyclopentanecarboxylic acid, 2-m...	204	C13H16O2	055229-43-1	22
3		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	14
4		Cyclopentanecarboxylic acid, 4-p...	324	C21H40O2	1000280-59-2	14
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	14



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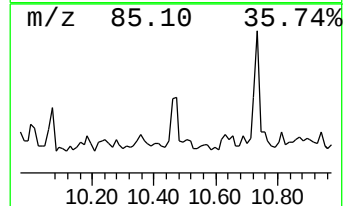
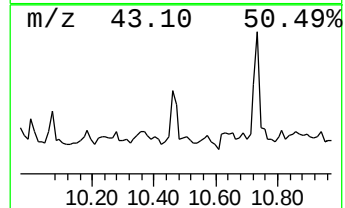
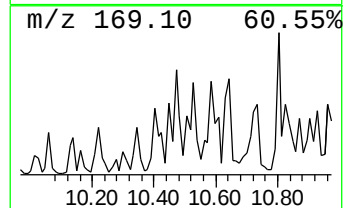
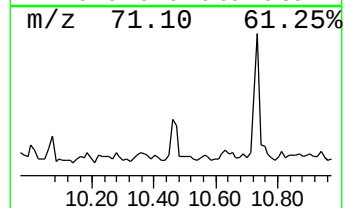
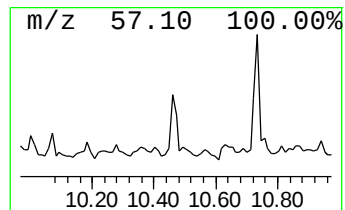
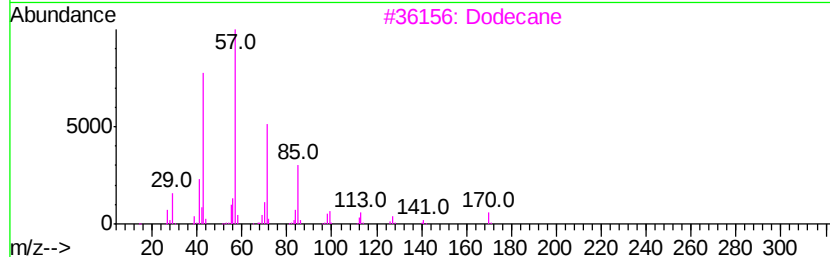
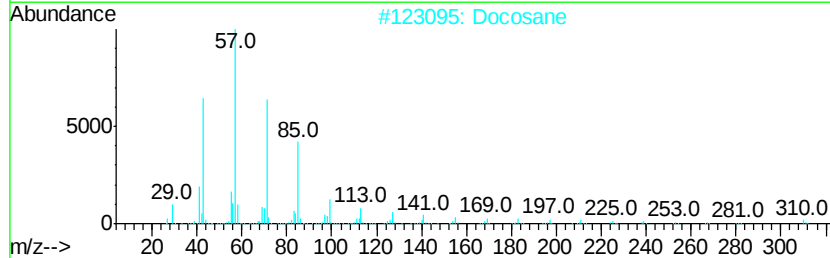
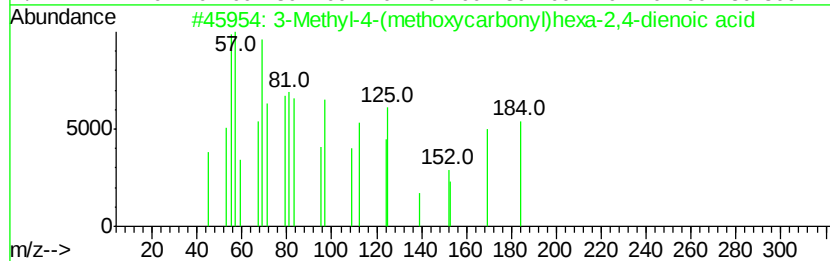
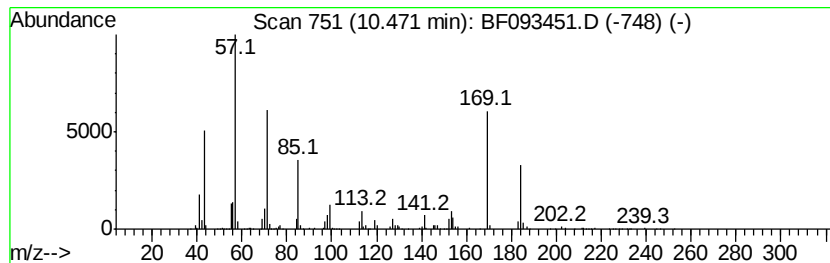
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3-Methyl-4-(methoxycarbonyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	29.66 ng	1691510	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	50
2	Docosane	310 C22H46	000629-97-0	49
3	Dodecane	170 C12H26	000112-40-3	46
4	Tritetracontane	605 C43H88	007098-21-7	46
5	Heptadecane	240 C17H36	000629-78-7	46



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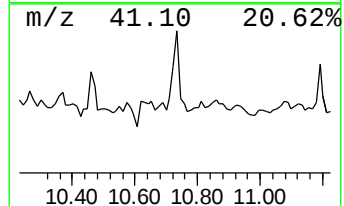
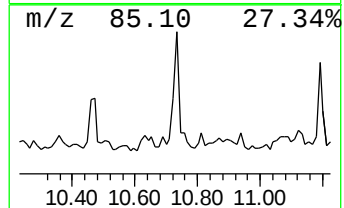
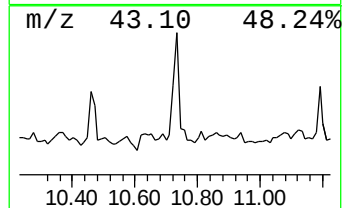
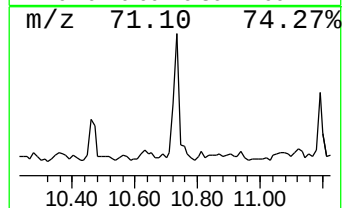
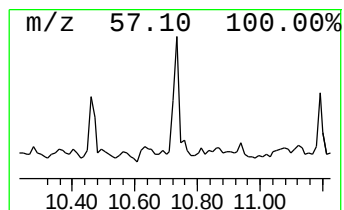
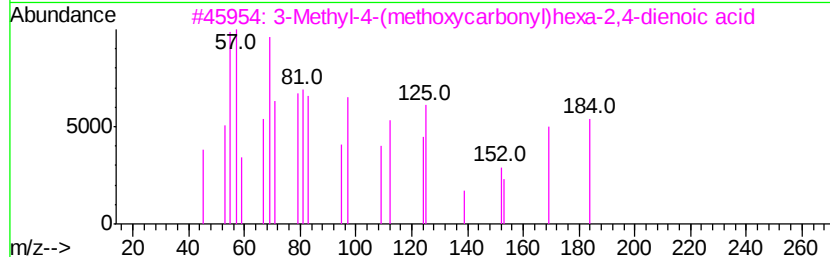
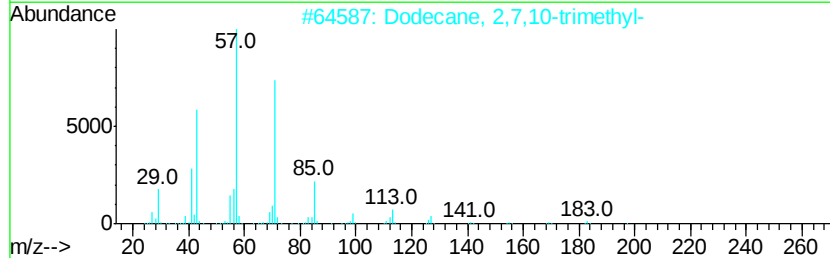
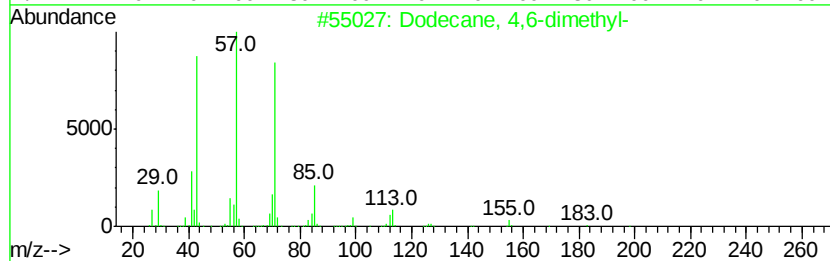
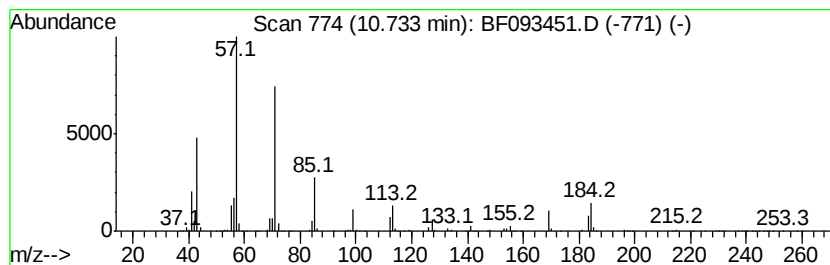
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dodecane, 4,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	66.80 ng	3487820	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
4		Pentadecane	212	C15H32	000629-62-9	53
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



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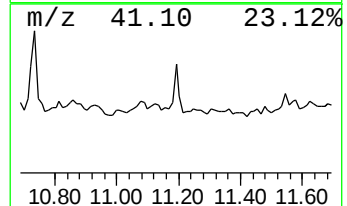
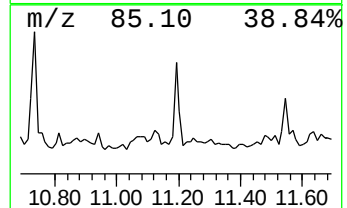
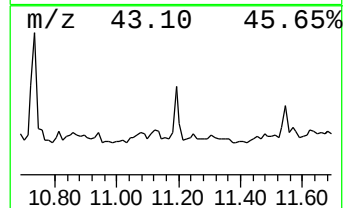
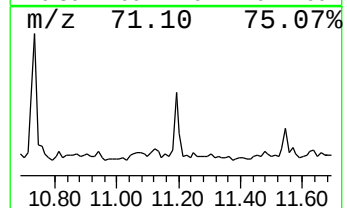
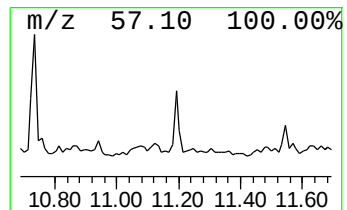
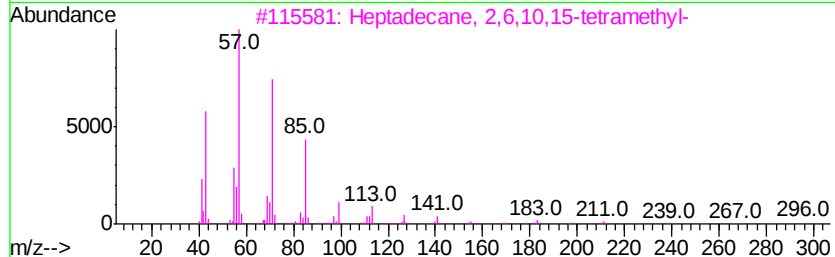
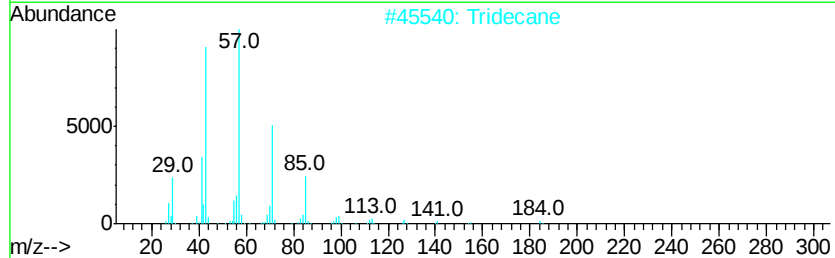
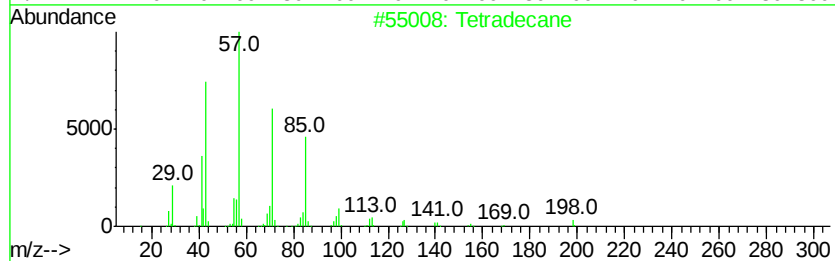
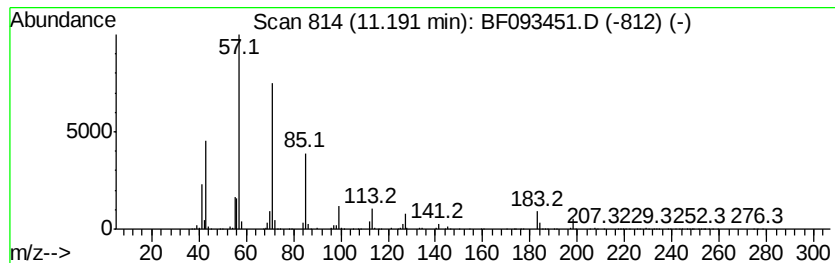
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	35.76 ng	1867130	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Tridecane	184	C13H28	000629-50-5	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptacosane	380	C27H56	000593-49-7	78



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ClientSampleId :
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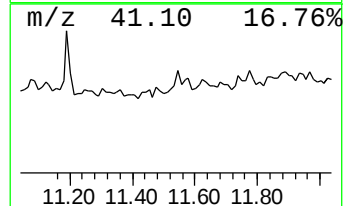
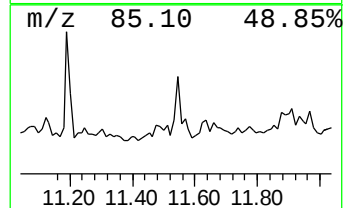
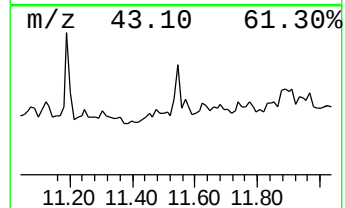
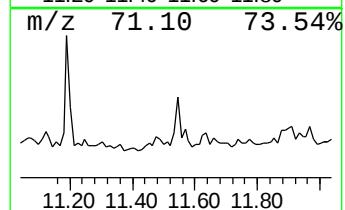
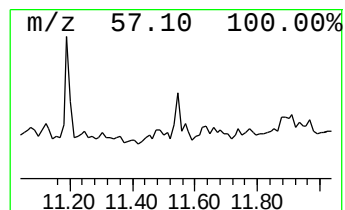
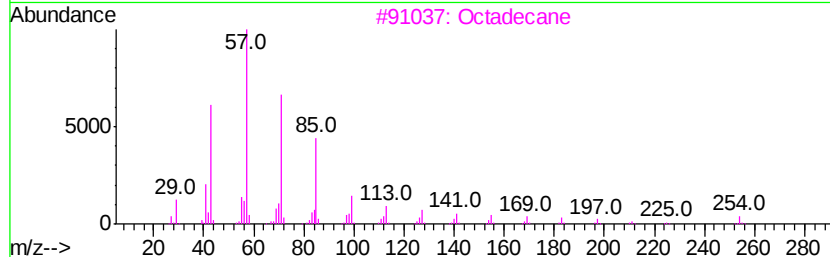
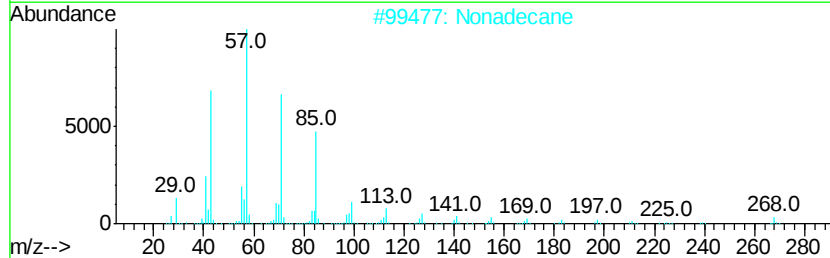
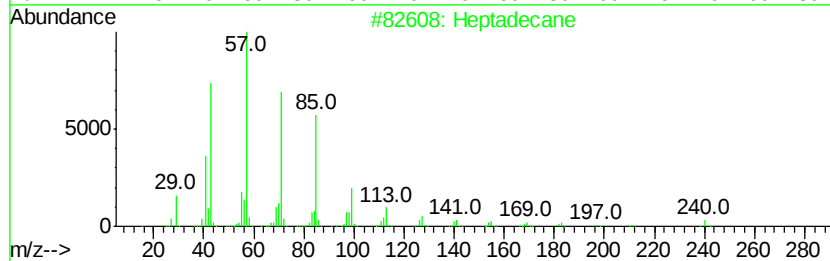
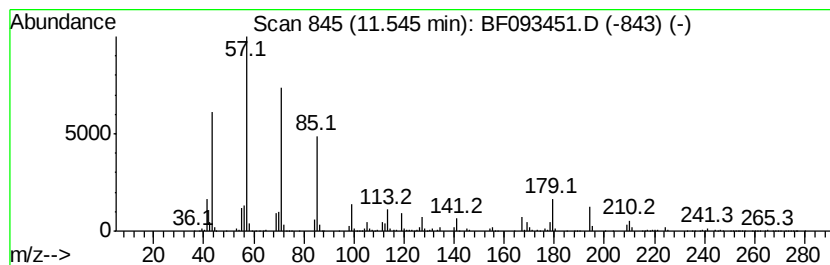
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	13.78 ng	719393	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Nonadecane	268	C19H40	000629-92-5	74
3		Octadecane	254	C18H38	000593-45-3	72
4		Heptacosane	380	C27H56	000593-49-7	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093451.D
 Acq On : 9 Mar 2017 1:40
 Operator : SJ/MA
 Sample : I2133-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB415A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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...	4.92	15.8	ng	1184280	1	6.77	1501300	20.0
unknown6.54	6.54	56.0	ng	4203600	1	6.77	1501300	20.0
trans-Decalin, 2-...	7.57	18.8	ng	1647810	2	8.06	1755910	20.0
unknown7.69	7.69	18.1	ng	1593060	2	8.06	1755910	20.0
Decane, 2,6,7-tri...	8.48	33.5	ng	2943630	2	8.06	1755910	20.0
unknown8.69	8.69	14.0	ng	1229160	2	8.06	1755910	20.0
unknown8.74	8.74	17.5	ng	1534940	2	8.06	1755910	20.0
Heptylcyclohexane	8.96	16.7	ng	953561	3	9.82	1140450	20.0
unknown9.21	9.21	42.0	ng	2391940	3	9.82	1140450	20.0
unknown9.97	9.97	17.8	ng	1012260	3	9.82	1140450	20.0
Tridecane, 6-cycl...	10.07	34.9	ng	1990110	3	9.82	1140450	20.0
Naphthalene, 2,3,...	10.14	29.5	ng	1681970	3	9.82	1140450	20.0
unknown10.17	10.17	16.1	ng	916861	3	9.82	1140450	20.0
3-Methyl-4-(metho...	10.47	29.7	ng	1691510	3	9.82	1140450	20.0
Dodecane, 4,6-dim...	10.73	66.8	ng	3487820	4	11.30	1044180	20.0
Tetradecane	11.19	35.8	ng	1867130	4	11.30	1044180	20.0
Heptadecane	11.54	13.8	ng	719393	4	11.30	1044180	20.0