

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091928.D
 Acq On : 23 Dec 2016 17:17
 Operator : UM/SJ
 Sample : H6068-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

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-BF122116.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	4.910	243	247	254	rBV	1740557	2551753	32.88%	1.643%
2	5.379	285	288	291	rBV	4305288	5528686	71.24%	3.559%
3	5.973	339	340	344	rVV2	71417	112896	1.45%	0.073%
4	6.030	344	345	354	rVB3	84023	214452	2.76%	0.138%
5	6.259	363	365	370	rBV	183187	245164	3.16%	0.158%
6	6.362	370	374	375	rBV2	38364	101492	1.31%	0.065%
7	6.430	377	380	383	rVV	4375585	5801436	74.75%	3.734%
8	6.522	386	388	391	rVV	4378613	5838299	75.23%	3.758%
9	6.590	391	394	396	rVB	79049	101450	1.31%	0.065%
10	6.682	396	402	403	rBV3	79412	241422	3.11%	0.155%
11	6.739	405	407	411	rVV	1431993	1503557	19.37%	0.968%
12	6.796	411	412	414	rVV	107068	162605	2.10%	0.105%
13	6.842	414	416	417	rVV	147149	241344	3.11%	0.155%
14	6.899	419	421	423	rVV	4509752	4678634	60.29%	3.012%
15	6.979	425	428	429	rVV3	121161	261756	3.37%	0.168%
16	7.013	429	431	433	rVB	393447	559165	7.21%	0.360%
17	7.127	439	441	442	rBV	231961	256089	3.30%	0.165%
18	7.162	442	444	447	rVB4	254628	449714	5.79%	0.289%
19	7.219	447	449	451	rBV	129861	222029	2.86%	0.143%
20	7.264	451	453	454	rBV	395627	567773	7.32%	0.365%
21	7.310	454	457	459	rVV	3143903	3596141	46.34%	2.315%
22	7.390	461	464	466	rBV	555992	830603	10.70%	0.535%
23	7.436	466	468	469	rBV	258007	286387	3.69%	0.184%
24	7.493	472	473	475	rBV	138507	177827	2.29%	0.114%
25	7.550	475	478	480	rVB2	843614	1280738	16.50%	0.824%
26	7.607	480	483	484	rBV2	397550	661123	8.52%	0.426%
27	7.665	486	488	490	rVB2	1175036	1236253	15.93%	0.796%
28	7.710	490	492	493	rBV2	165352	302663	3.90%	0.195%
29	7.745	493	495	496	rBV	229081	329939	4.25%	0.212%
30	7.790	496	499	502	rVB3	442976	900187	11.60%	0.579%
31	7.859	502	505	507	rBV3	835599	1369320	17.64%	0.881%
32	7.916	507	510	513	rBV2	1031374	1955467	25.20%	1.259%
33	7.973	513	515	516	rBV	259679	437394	5.64%	0.282%
34	8.030	516	520	521	rBV	1871296	2615705	33.70%	1.684%

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35	8.076	521	524	525	rBV3	434673	725432	9.35%	0.467%
36	8.099	525	526	530	rVV2	1207803	1370943	17.67%	0.882%
37	8.202	532	535	536	rBV	1008509	1652020	21.29%	1.063%
38	8.236	536	538	540	rVB	1962591	1973220	25.43%	1.270%
39	8.316	542	545	547	rVB3	1152040	1598065	20.59%	1.029%
40	8.362	547	549	550	rBV	480900	878994	11.33%	0.566%
41	8.465	555	558	562	rBV2	4482440	6024018	77.62%	3.878%
42	8.533	562	564	566	rBV2	700774	784800	10.11%	0.505%
43	8.579	566	568	571	rBV	1457172	2293140	29.55%	1.476%
44	8.727	579	581	583	rVB2	1891640	2209482	28.47%	1.422%
45	8.773	583	585	586	rBV2	574782	892483	11.50%	0.575%
46	8.830	588	590	594	rVB3	934693	1842733	23.74%	1.186%
47	8.910	596	597	599	rBV2	573650	711974	9.17%	0.458%
48	9.070	608	611	612	rBV	4051223	6419704	82.72%	4.132%
49	9.105	612	614	616	rVB	3288877	4951930	63.81%	3.188%
50	9.150	616	618	619	rBV2	389635	462476	5.96%	0.298%
51	9.196	619	622	624	rVV2	1984115	3904373	50.31%	2.513%
52	9.242	624	626	627	rVV2	1334877	2003920	25.82%	1.290%
53	9.310	630	632	634	rBV2	1174633	1393967	17.96%	0.897%
54	9.516	647	650	654	rVB	4124958	6951455	89.57%	4.475%
55	9.619	656	659	661	rVB	952276	1546882	19.93%	0.996%
56	9.665	661	663	664	rBV2	1145811	1354626	17.46%	0.872%
57	9.699	664	666	667	rBV	1645339	1560095	20.10%	1.004%
58	9.733	667	669	670	rBV2	491310	687593	8.86%	0.443%
59	9.779	670	673	675	rVB3	1557325	2695912	34.74%	1.735%
60	9.825	675	677	679	rBV3	527741	633532	8.16%	0.408%
61	9.950	685	688	689	rBV2	973700	1710091	22.04%	1.101%
62	9.985	689	691	694	rVV	1873692	2520863	32.48%	1.623%
63	10.053	694	697	700	rVV2	1719936	2411572	31.07%	1.552%
64	10.110	700	702	704	rBV2	591333	1016996	13.10%	0.655%
65	10.248	712	714	715	rBV	572249	764082	9.85%	0.492%
66	10.350	719	723	724	rBV3	865625	1879881	24.22%	1.210%
67	10.453	728	732	734	rBV	5180707	7328788	94.44%	4.718%
68	10.488	734	735	738	rVB3	656281	830744	10.70%	0.535%
69	10.579	741	743	744	rVB	2192023	1915208	24.68%	1.233%
70	10.716	752	755	758	rVB	6423666	7760632	100.00%	4.996%
71	10.922	771	773	775	rVB	1506971	1834651	23.64%	1.181%

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72	11.173	792	795	798	rVB	5165174	6930105	89.30%	4.461%
73	11.231	798	800	801	rBV2	285752	384081	4.95%	0.247%
74	11.265	801	803	808	rVB2	1447332	2233382	28.78%	1.438%
75	11.516	823	825	831	rVB2	1488330	2457555	31.67%	1.582%
76	12.248	887	889	892	rVB	768181	1094332	14.10%	0.704%
77	12.854	939	942	944	rVV	3619584	5535513	71.33%	3.563%
78	12.888	944	945	946	rVB	153299	105086	1.35%	0.068%
79	13.734	1017	1019	1025	rVB	235762	520811	6.71%	0.335%
80	13.882	1030	1032	1035	rVV	1170437	1539731	19.84%	0.991%
81	13.939	1035	1037	1045	rVB4	112220	273387	3.52%	0.176%
82	15.277	1151	1154	1157	rBV	849503	1158455	14.93%	0.746%

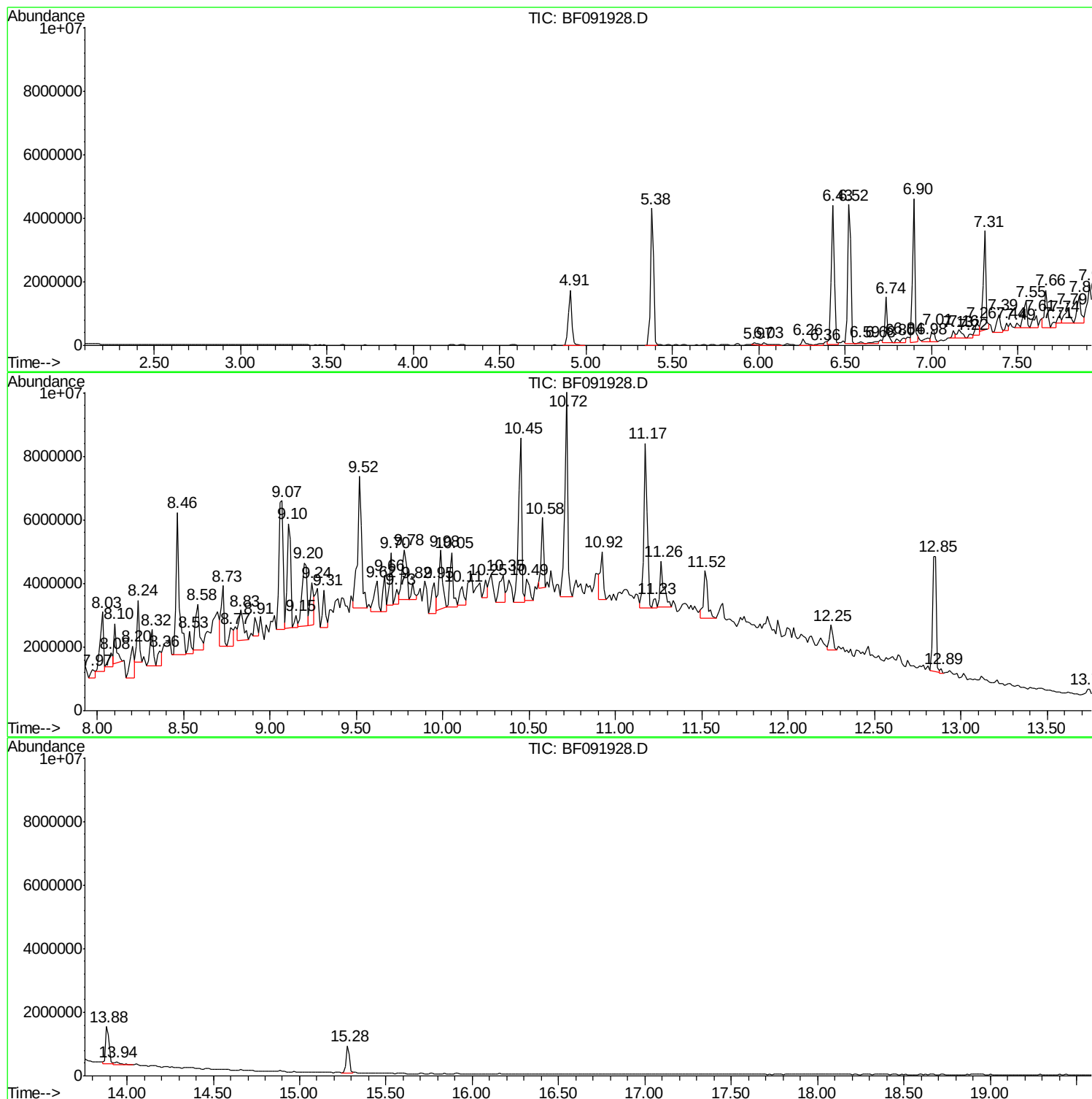
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Instrument :
BNA_F
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B-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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Operator : UM/SJ
Sample : H6068-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
B-4

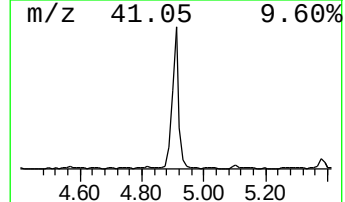
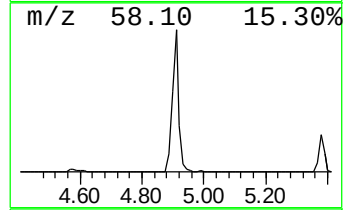
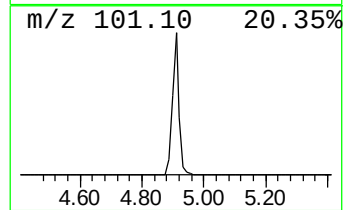
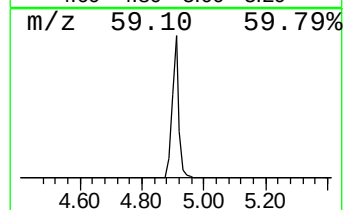
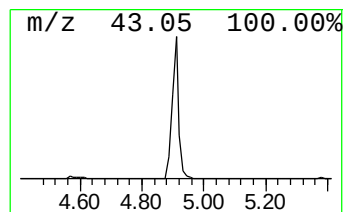
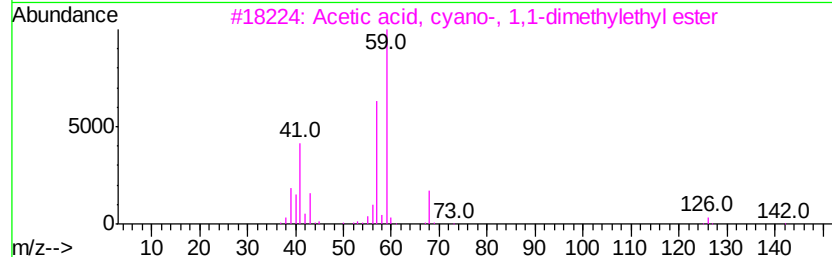
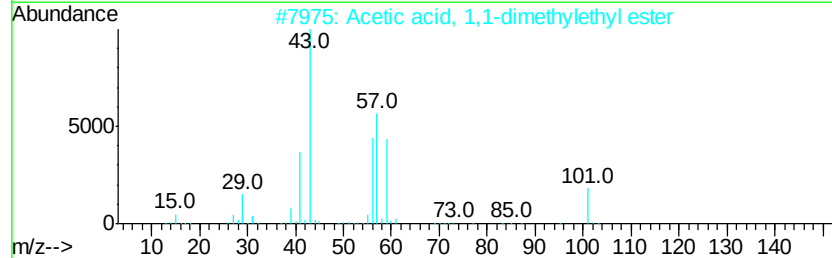
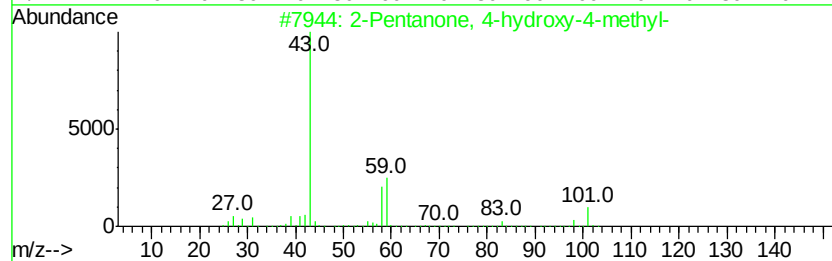
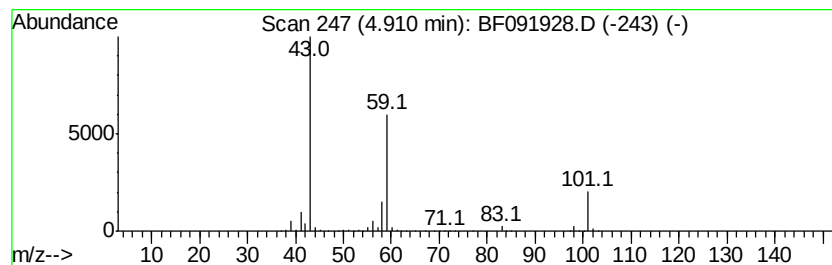
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	33.94 ng	2551750	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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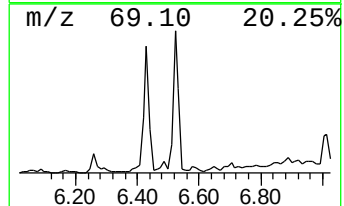
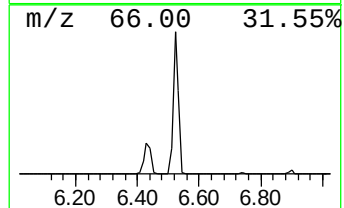
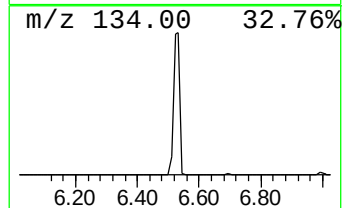
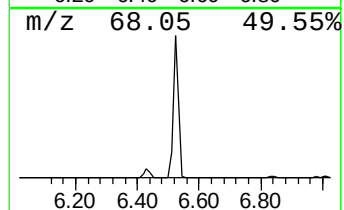
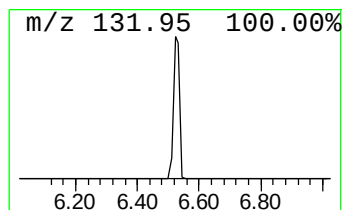
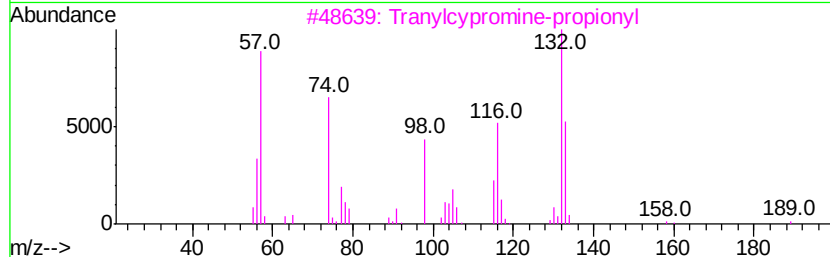
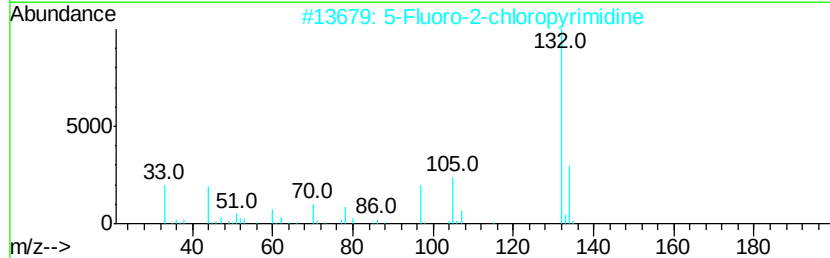
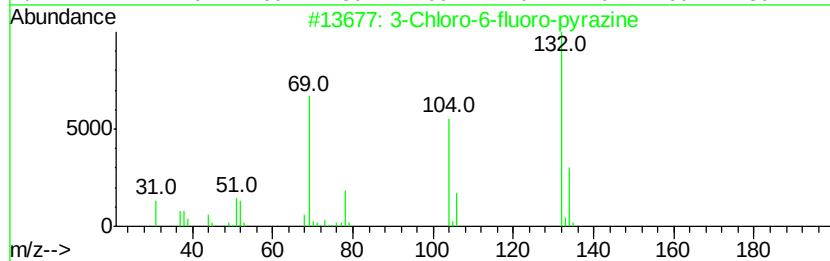
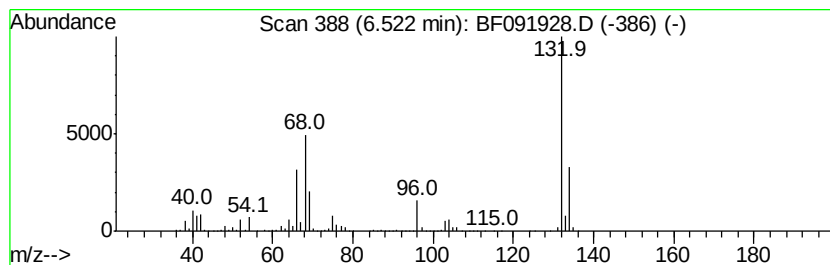
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	77.66 ng	5838300	1,4-Dichlorobenzene-d4	6.74

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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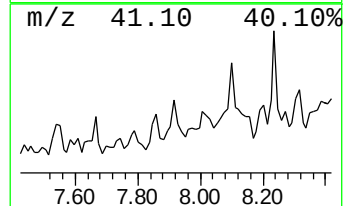
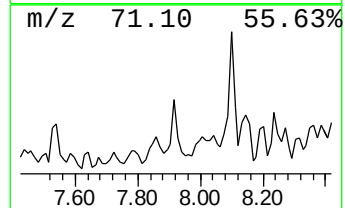
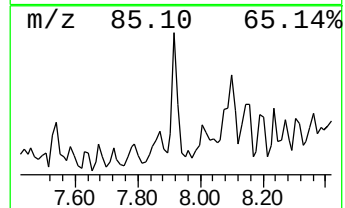
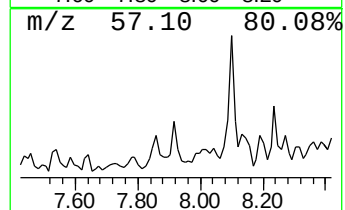
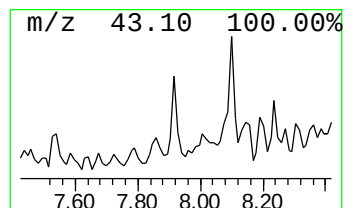
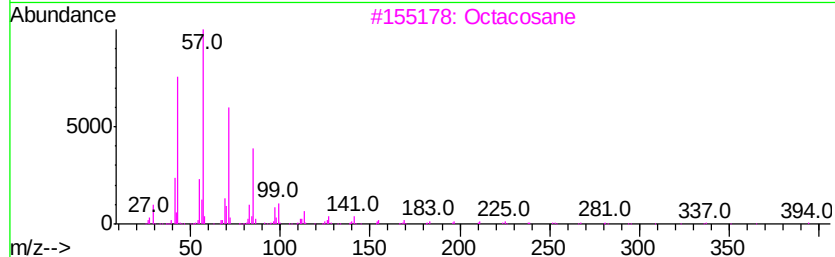
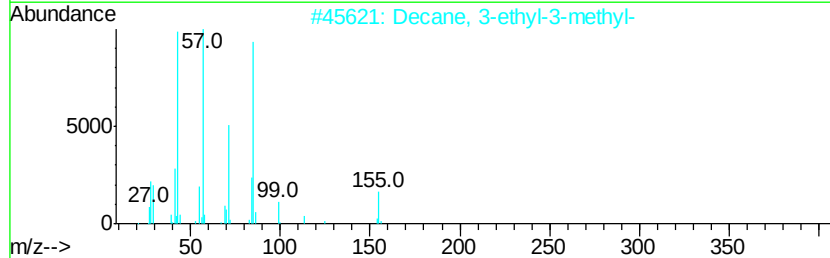
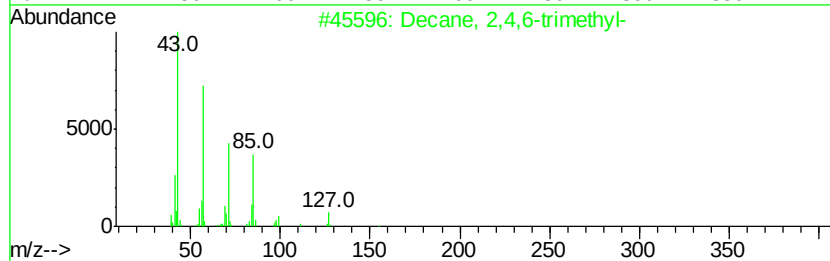
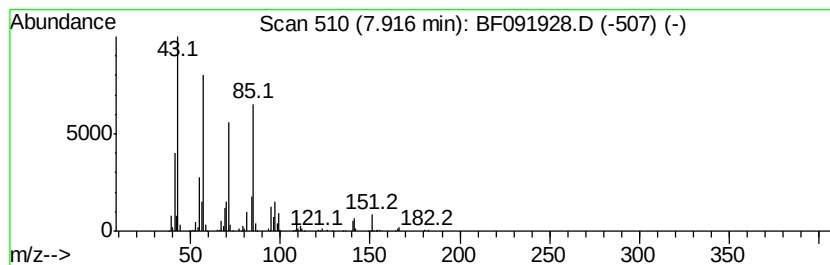
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	14.95 ng	1955470	Napthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50
2		Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	50
3		Octacosane	394	C28H58	000630-02-4	50
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	47



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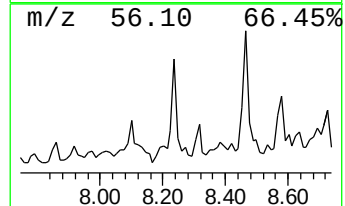
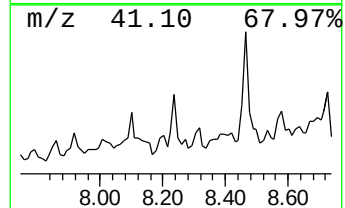
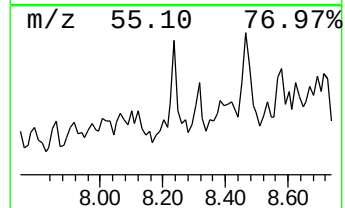
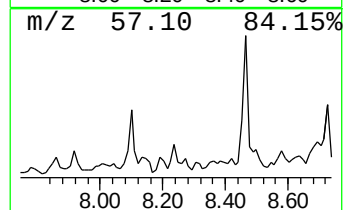
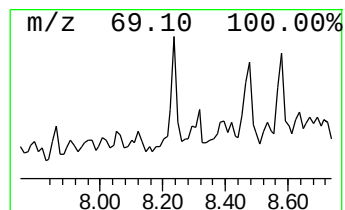
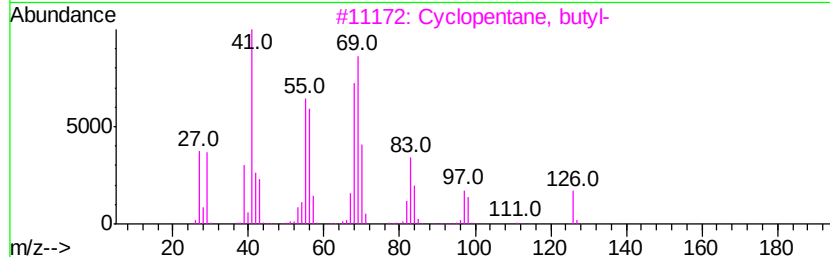
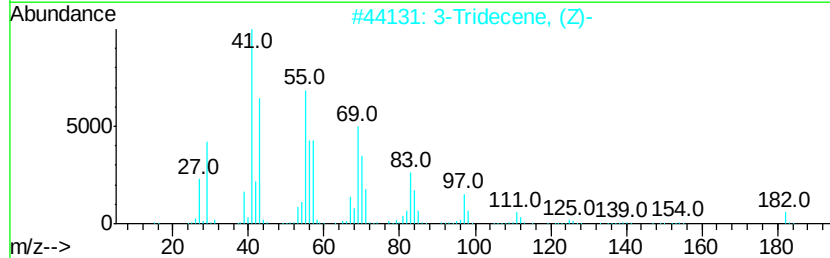
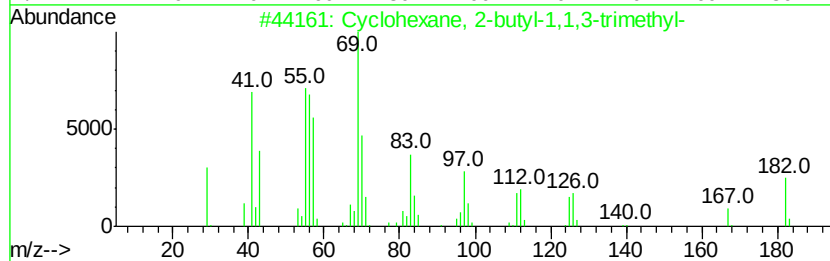
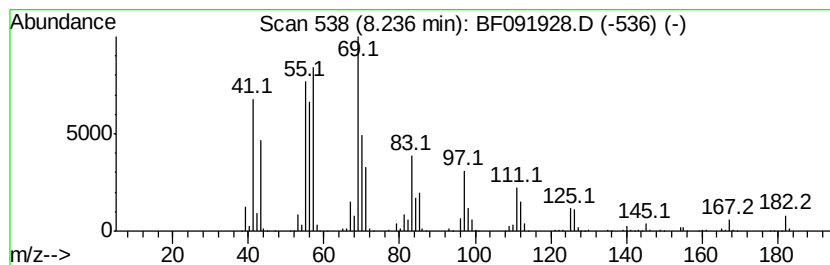
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	15.09 ng	1973220	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2		3-Tridecene, (Z)-	182	C13H26	041446-53-1	74
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	68
4		2-Tridecene, (Z)-	182	C13H26	041446-59-7	49
5		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
Operator : UM/SJ
Sample : H6068-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

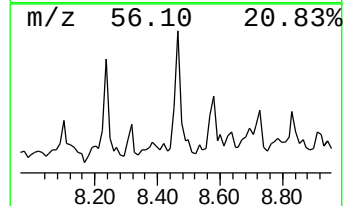
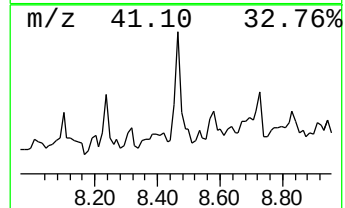
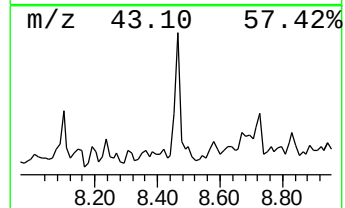
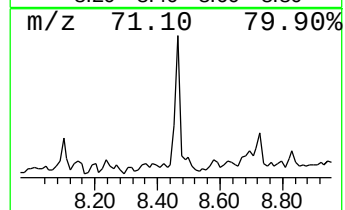
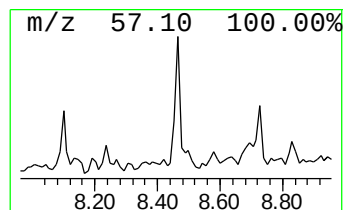
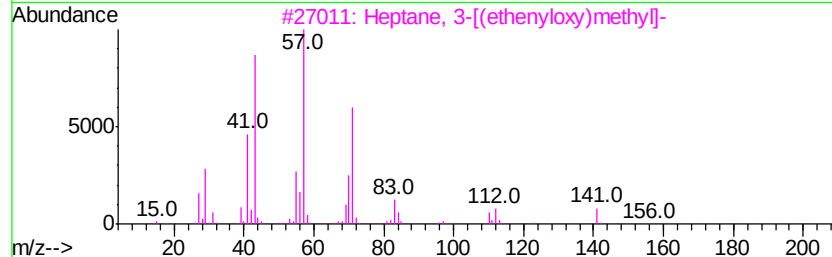
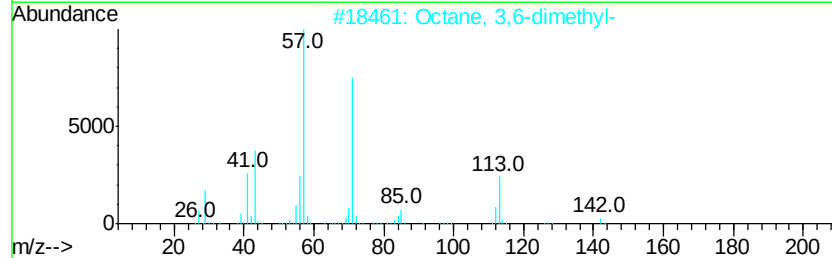
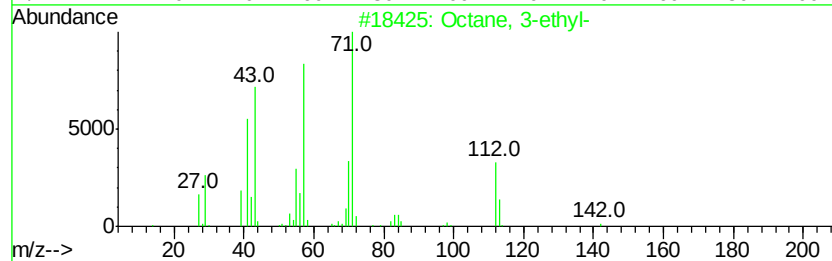
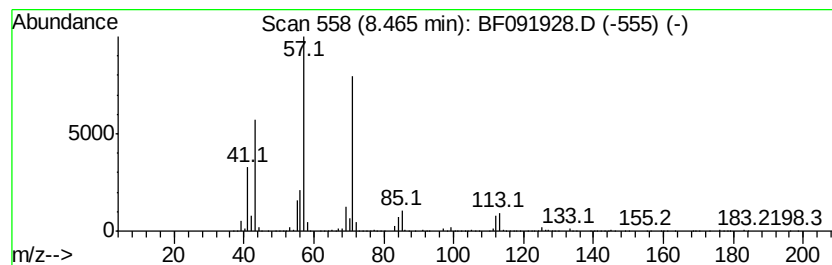
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.46	46.06 ng	6024020	Naphthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Heptane, 3-[(ethenvloxy)methyl]-	156	C10H20O	000103-44-6	72
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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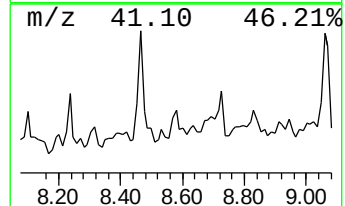
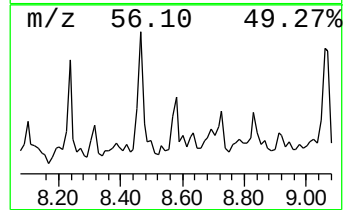
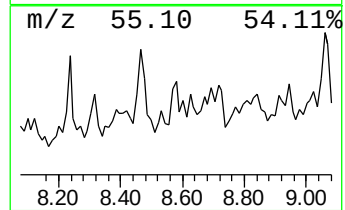
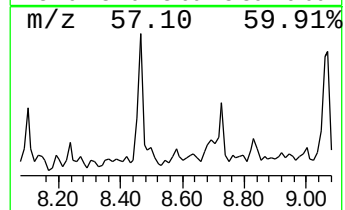
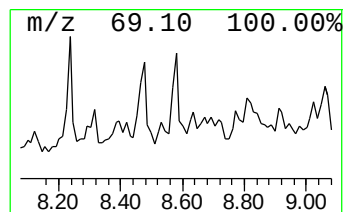
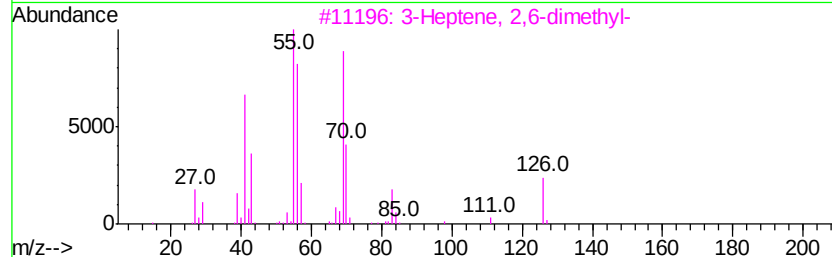
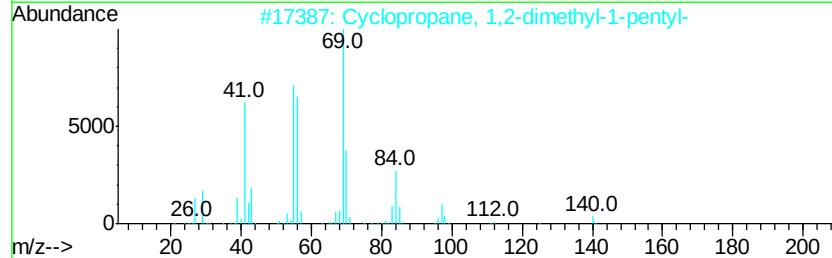
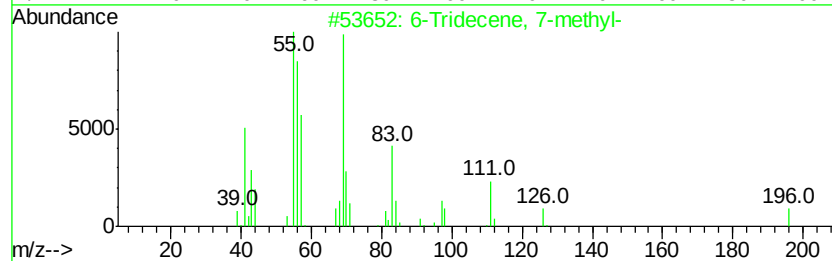
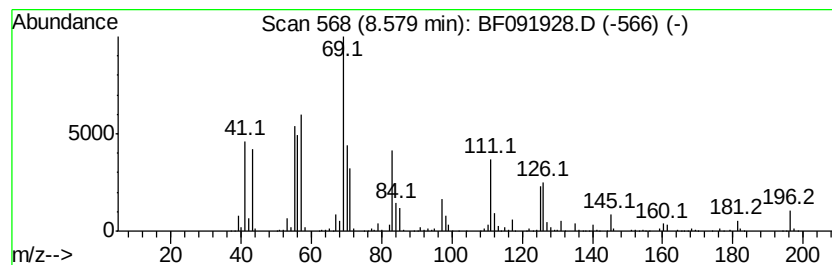
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 6-Tridecene, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	17.53 ng	2293140	Napthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Tridecene, 7-methyl-	196 C14H28	024949-42-6	72
2	Cyclopropane, 1,2-dimethyl-1-pen...	140 C10H20	062238-04-4	53
3	3-Heptene, 2,6-dimethyl-	126 C9H18	002738-18-3	50
4	1-Hexene, 3,3-dimethyl-	112 C8H16	003404-77-1	46
5	Cyclopropane, 1,1-dimethyl-2-nonyl-	196 C14H28	041977-38-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
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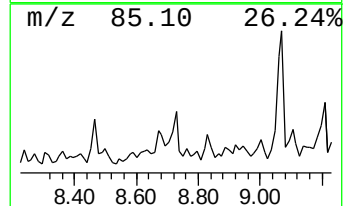
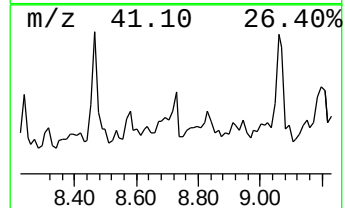
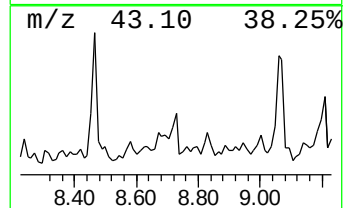
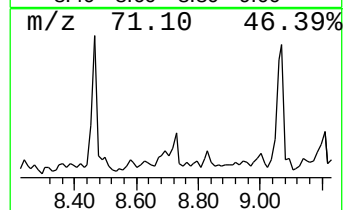
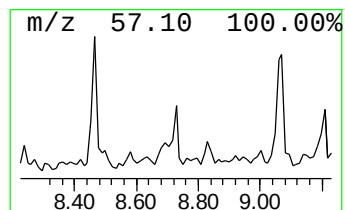
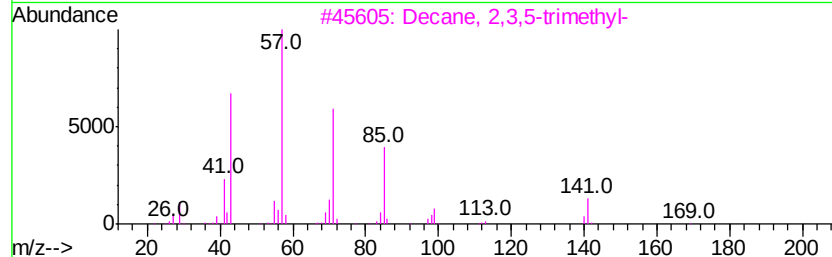
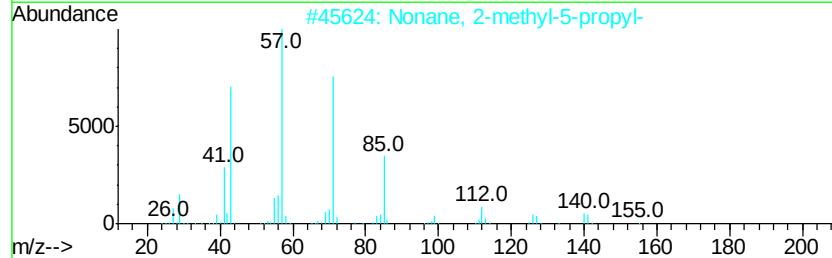
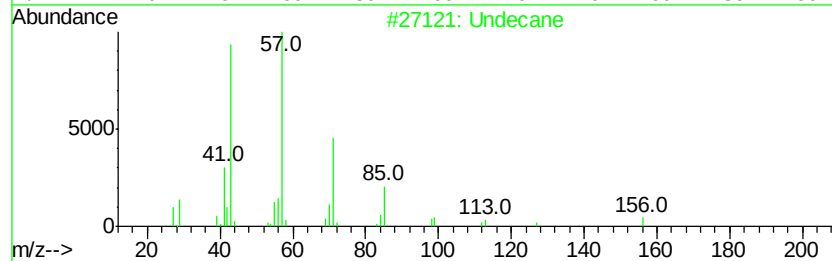
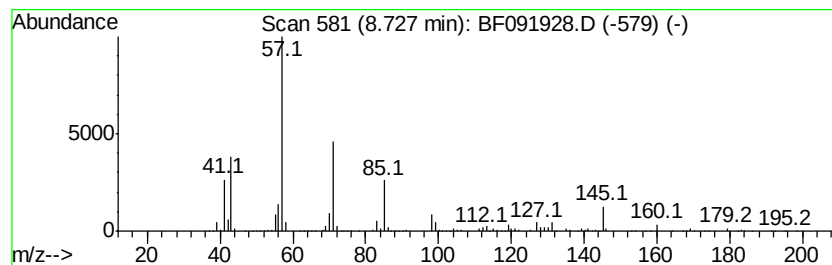
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	16.89 ng	2209480	Napthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	50
2	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	50
3	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	50
4	Tetradecane	198 C14H30	000629-59-4	50
5	Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
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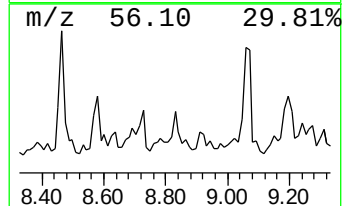
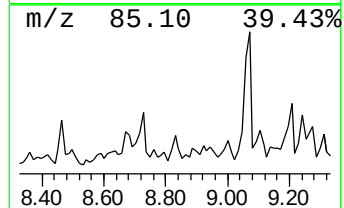
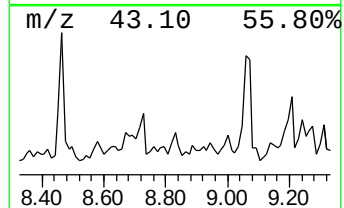
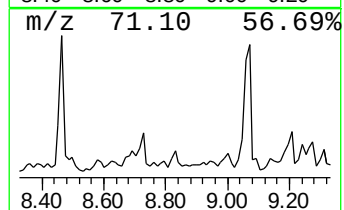
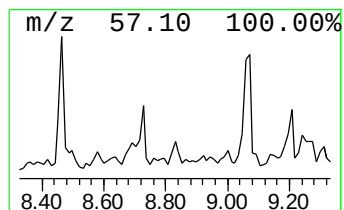
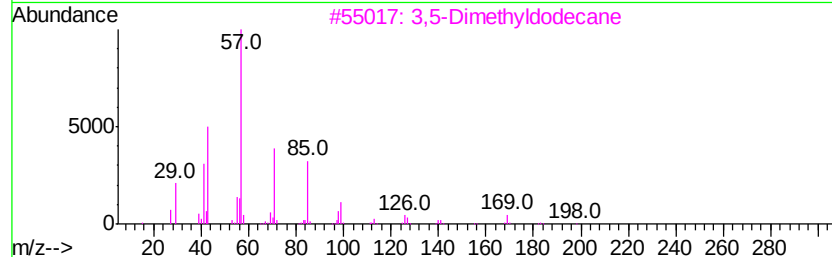
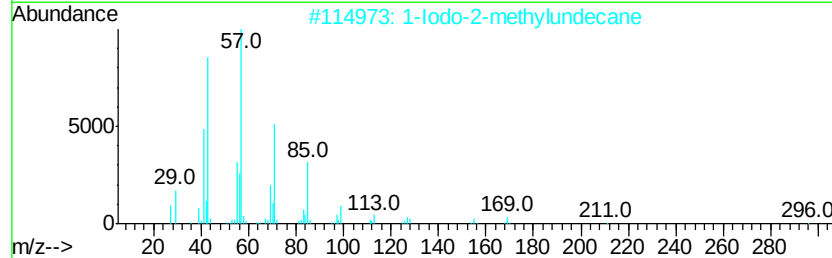
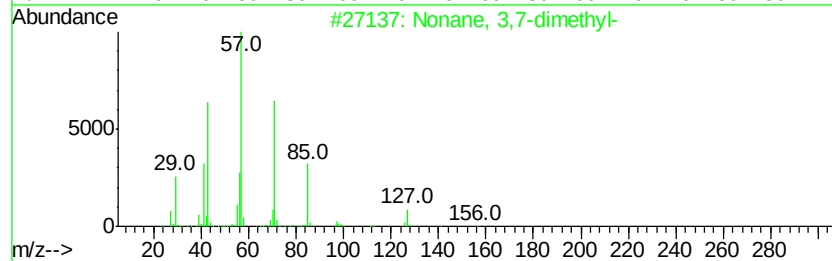
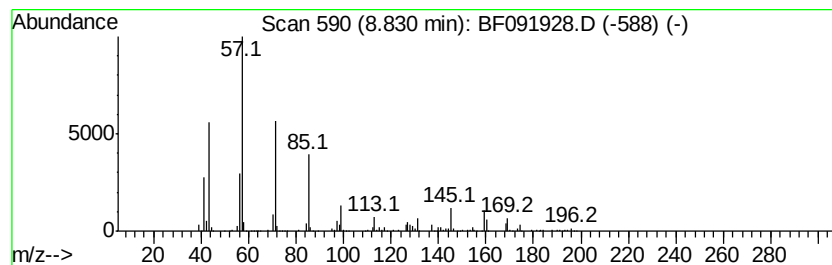
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	14.09 ng	1842730	Naphthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 68
2		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 64
3		3,5-Dimethyldodecane	198 C14H30	107770-99-0 64
4		Heptacosane	380 C27H56	000593-49-7 58
5		Dodecane	170 C12H26	000112-40-3 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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Instrument :
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ClientSampleId :
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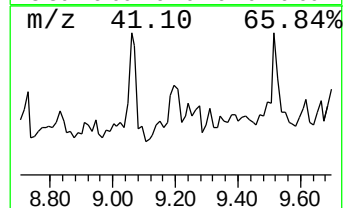
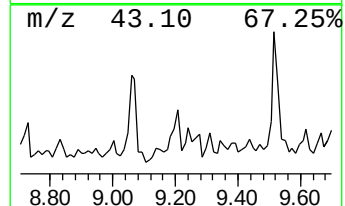
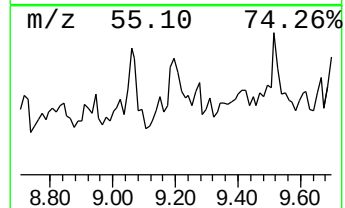
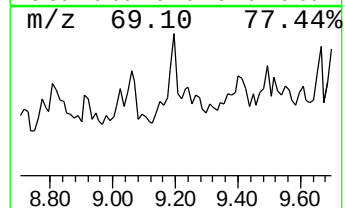
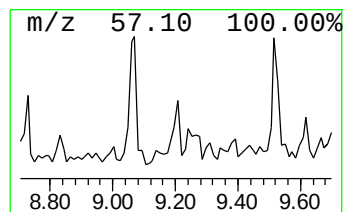
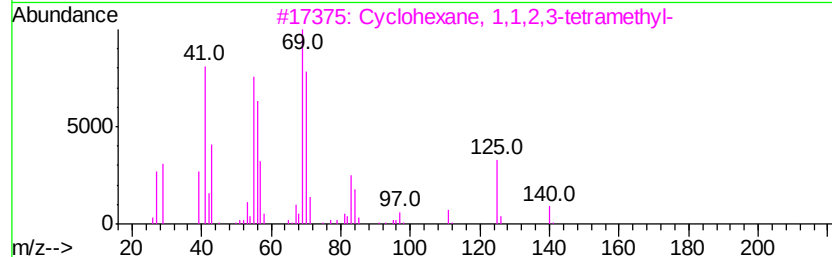
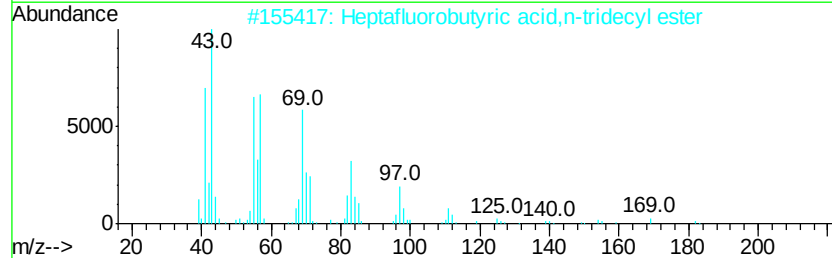
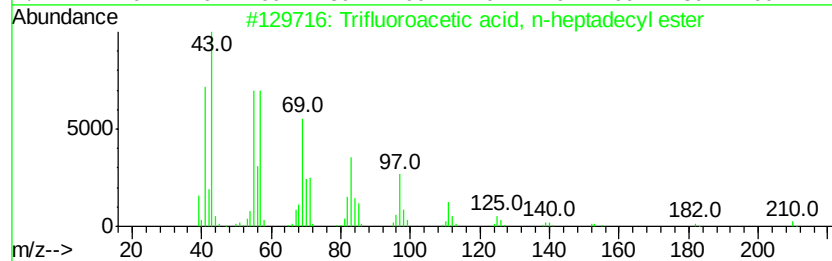
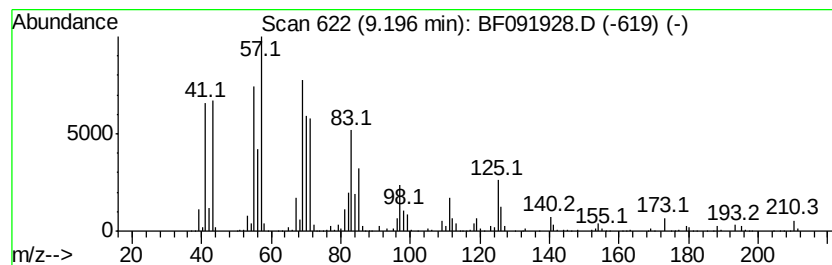
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Trifluoroacetic acid, n-hep... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	28.97 ng	3904370	Acenaphthene-d10	9.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	58
2			Heptafluorobutyric acid, n-tridec...	396	C17H27F7O2	1000216-78-9	58
3			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	52
4			5-Dodecene, (Z)-	168	C12H24	007206-28-2	49
5			cis-3-Decene	140	C10H20	019398-86-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
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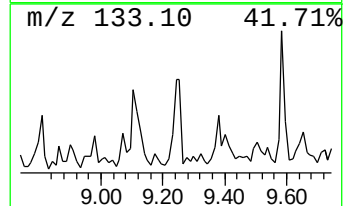
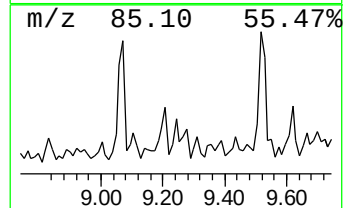
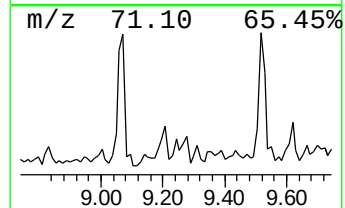
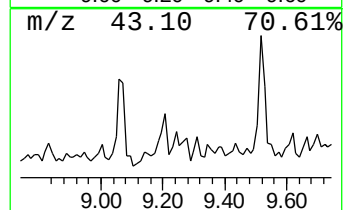
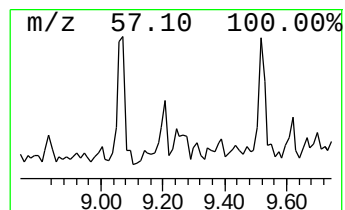
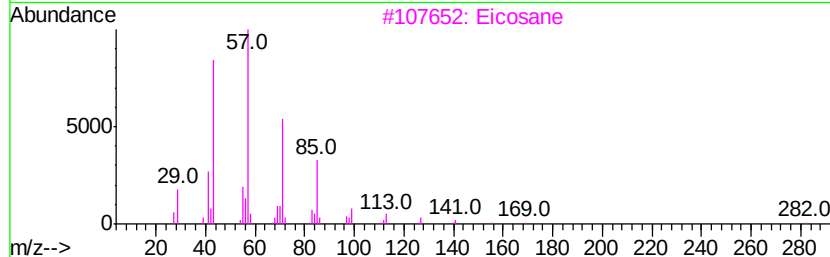
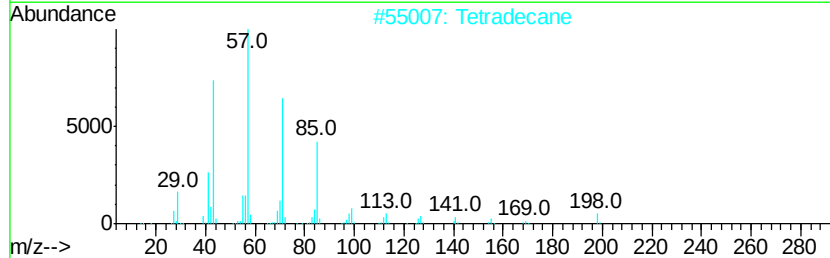
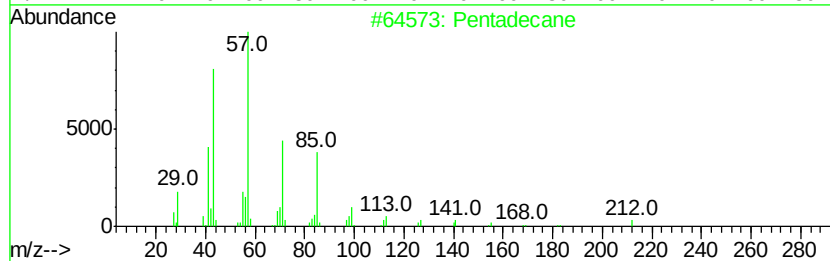
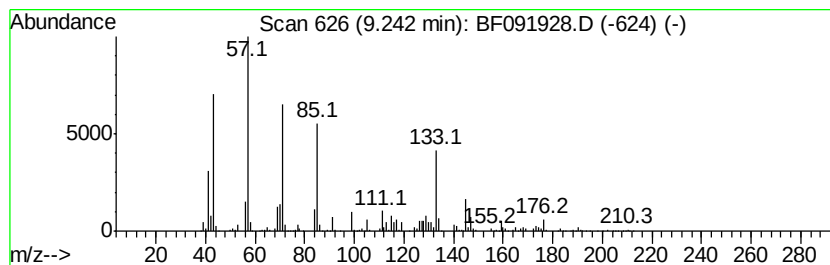
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.24 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	14.87 ng	2003920	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	49
2		Tetradecane	198	C14H30	000629-59-4	47
3		Eicosane	282	C20H42	000112-95-8	43
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	43
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
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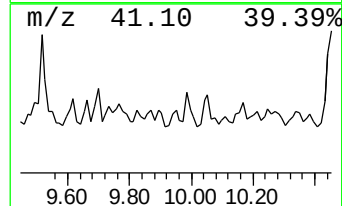
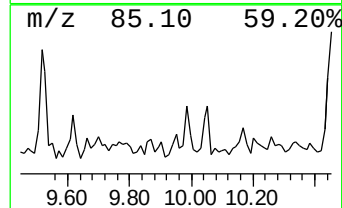
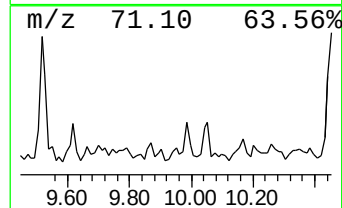
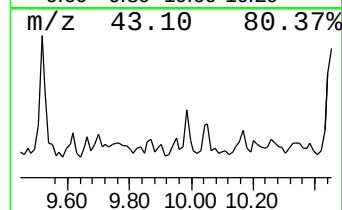
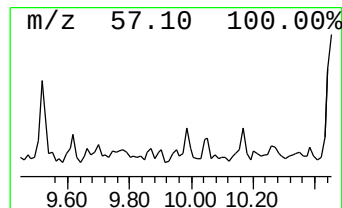
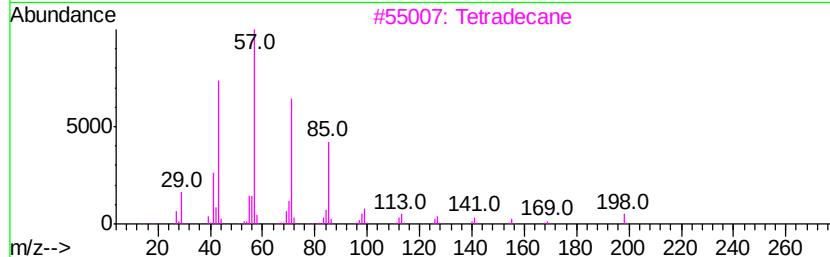
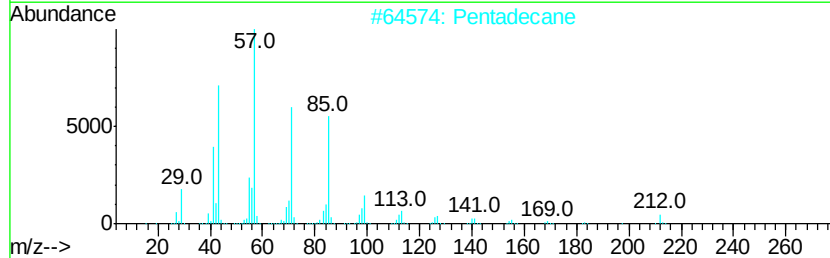
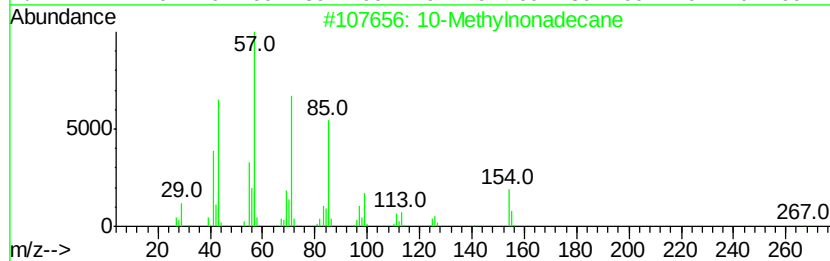
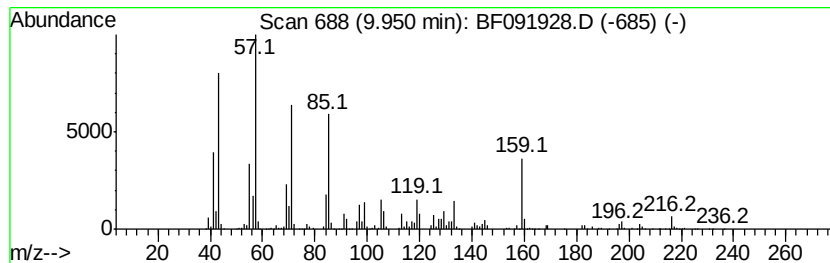
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.95 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	12.69 ng	1710090	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	49
2		Pentadecane	212	C15H32	000629-62-9	46
3		Tetradecane	198	C14H30	000629-59-4	46
4		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	38
5		Tetratetracontane	619	C44H90	007098-22-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
Operator : UM/SJ
Sample : H6068-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4

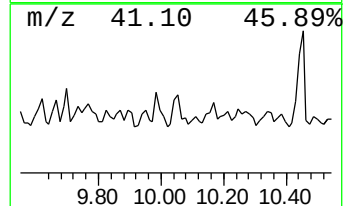
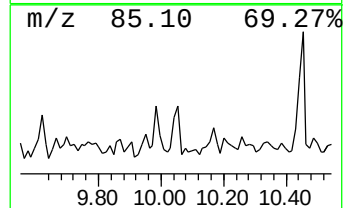
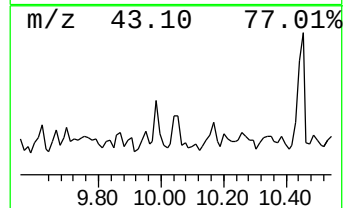
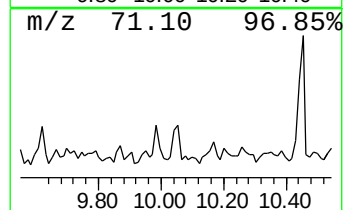
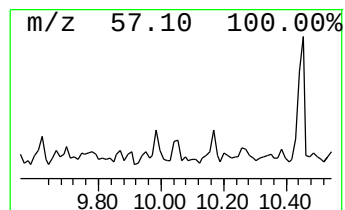
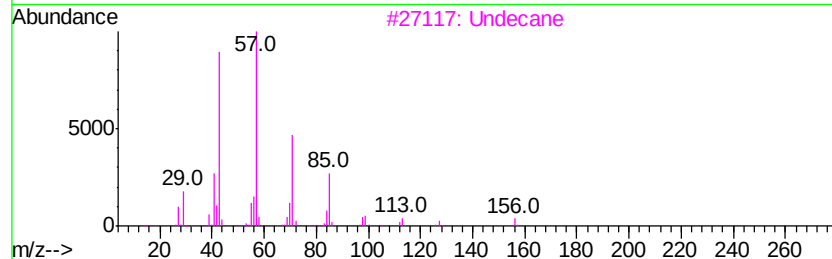
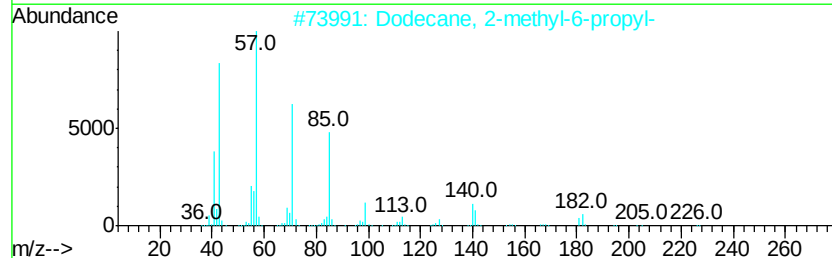
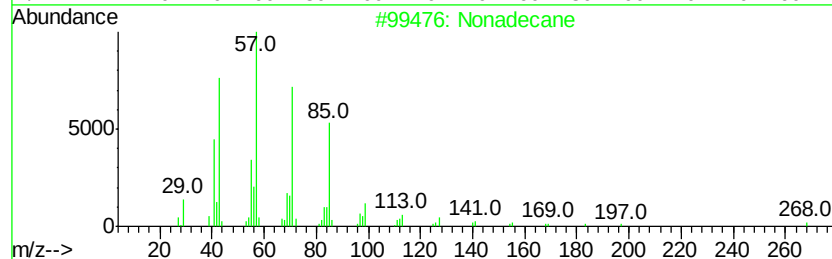
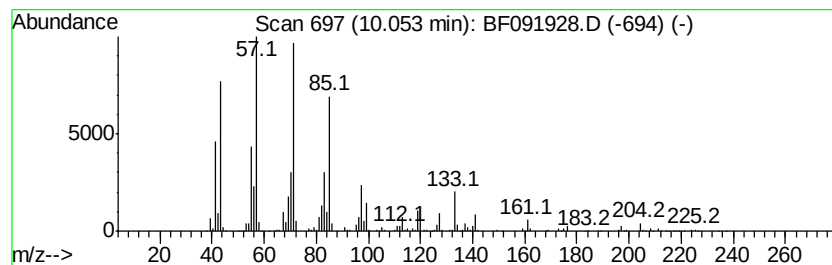
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	17.89 ng	2411570	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	53
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
3		Undecane	156	C11H24	001120-21-4	50
4		Hexadecane	226	C16H34	000544-76-3	50
5		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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Sample : H6068-04
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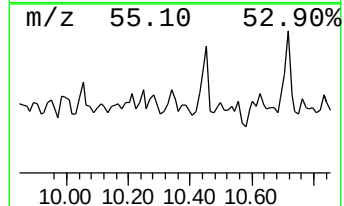
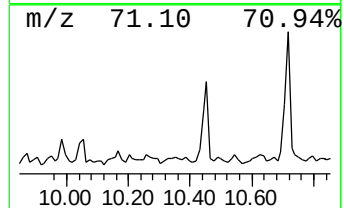
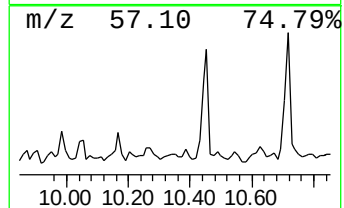
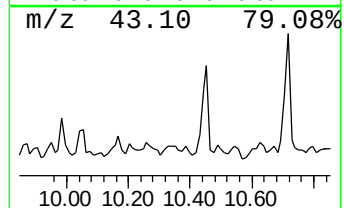
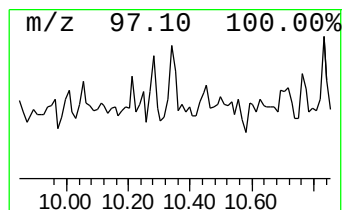
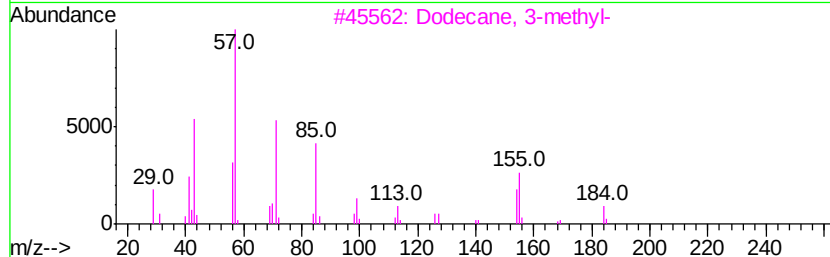
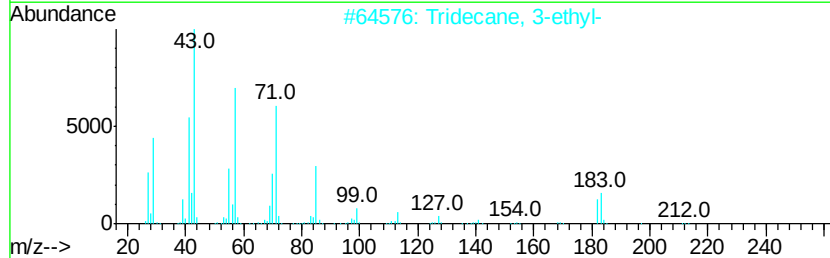
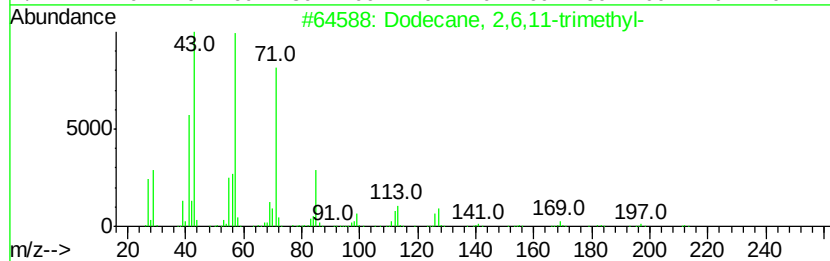
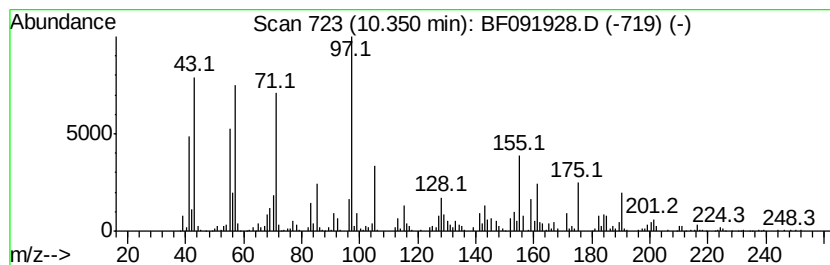
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.35 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.35	13.95 ng	1879880	Acenaphthene-d10		9.78	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane,	2,6,11-trimethyl-	212	C15H32	031295-56-4	46
2	Tridecane,	3-ethyl-	212	C15H32	013286-73-2	25
3	Dodecane,	3-methyl-	184	C13H28	017312-57-1	25
4	1-Phosphetanamine,	N-butyl-2,2,3...	231	C12H26NOP	050377-92-9	22
5	2,4-Hexadienedioic acid,	(Z,Z)-	142	C6H6O4	001119-72-8	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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Sample : H6068-04
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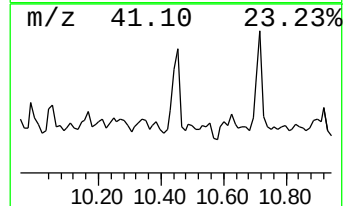
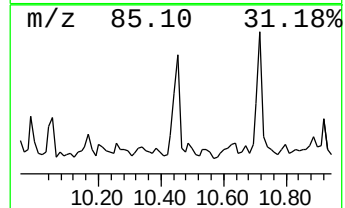
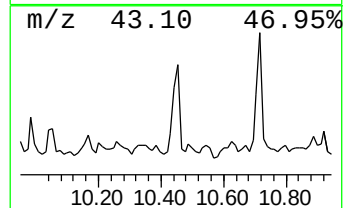
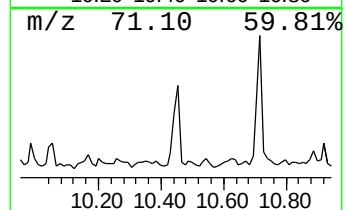
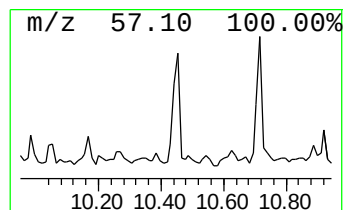
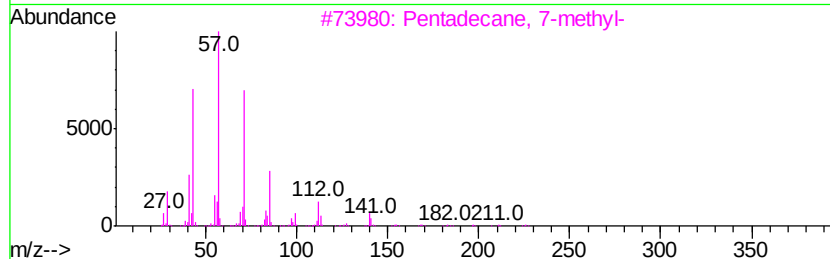
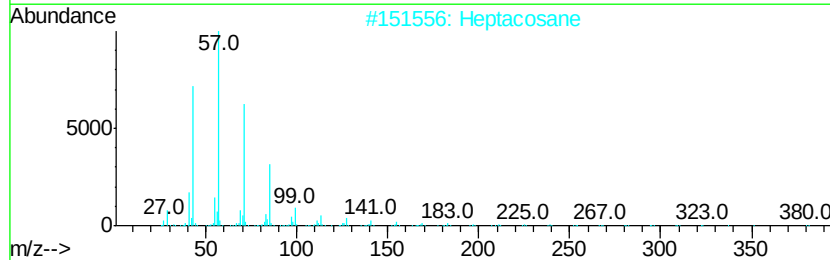
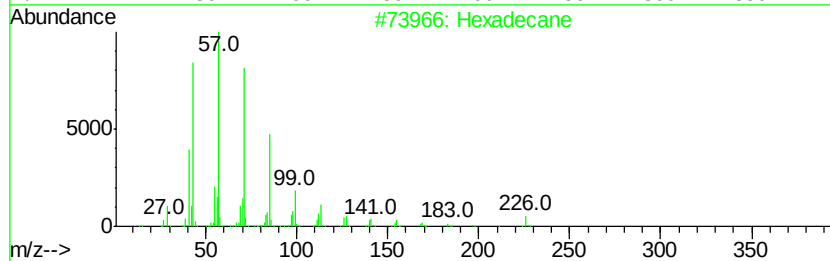
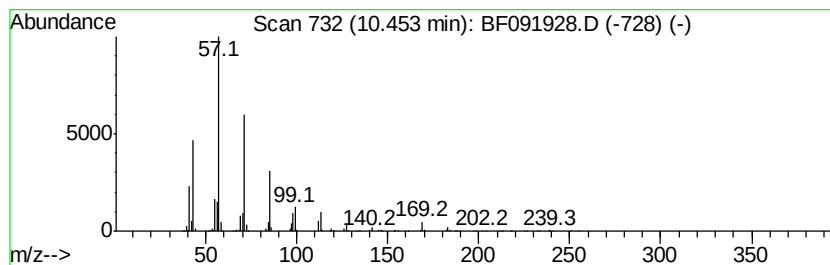
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	54.37 ng	7328790	Acenaphthene-d10	9.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	68
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	62
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
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Sample : H6068-04
Misc :
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ClientSampleId :
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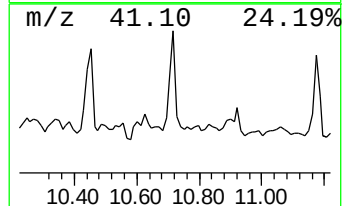
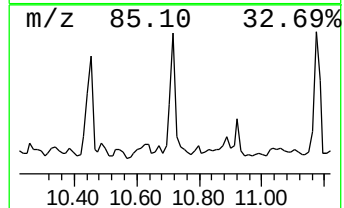
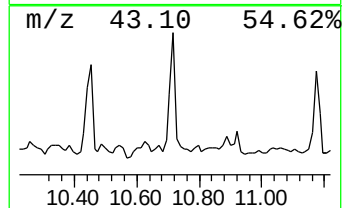
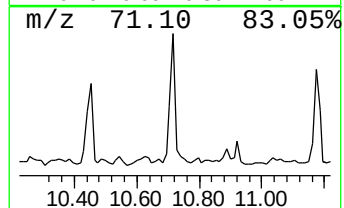
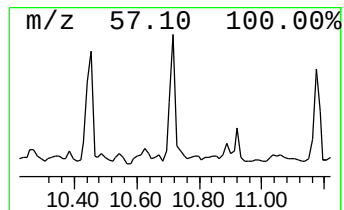
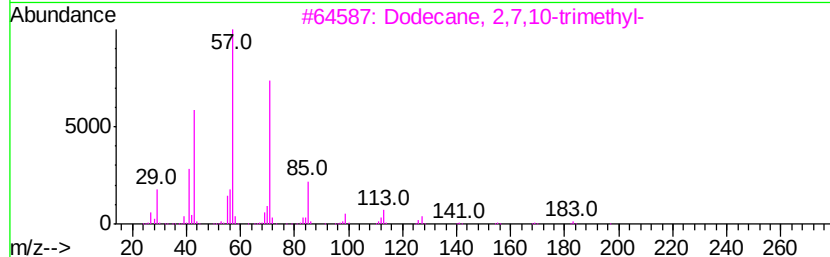
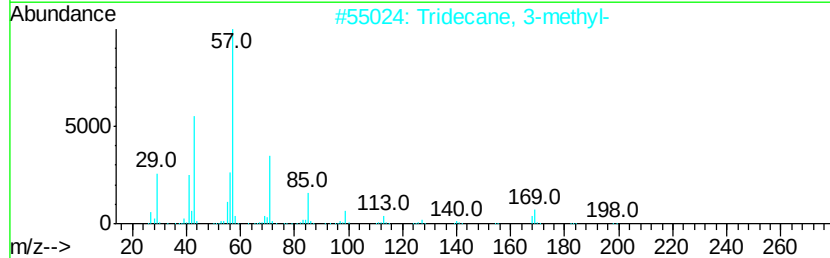
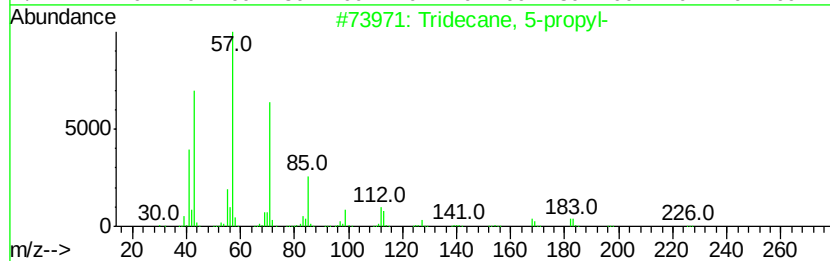
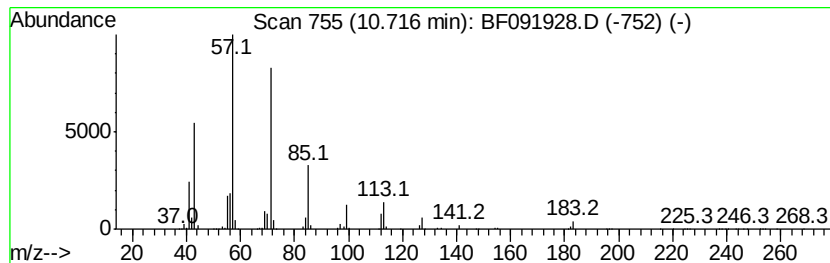
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	69.50 ng	7760630	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
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ClientSampleId :
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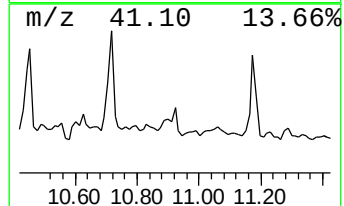
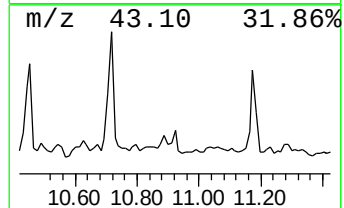
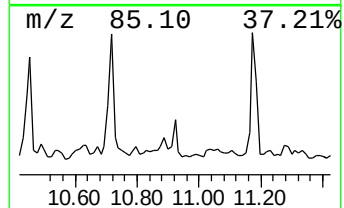
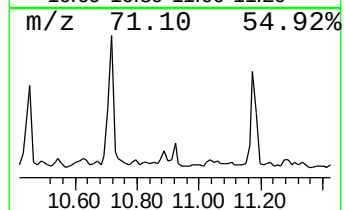
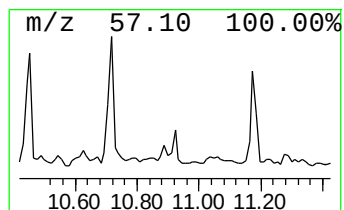
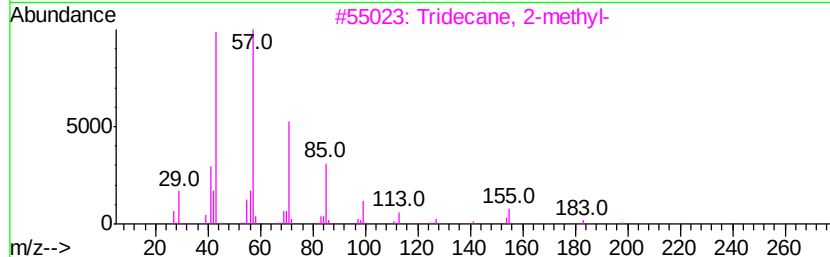
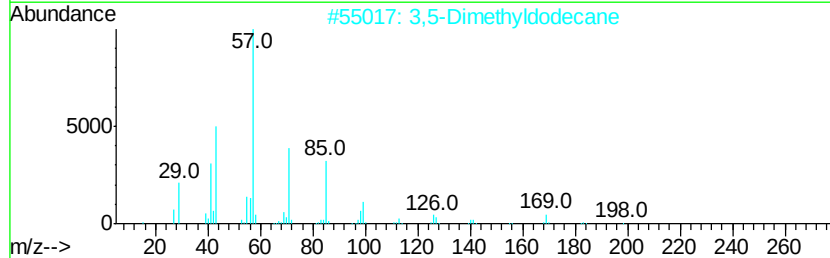
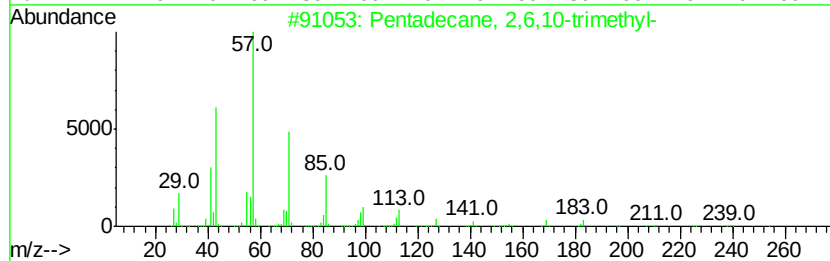
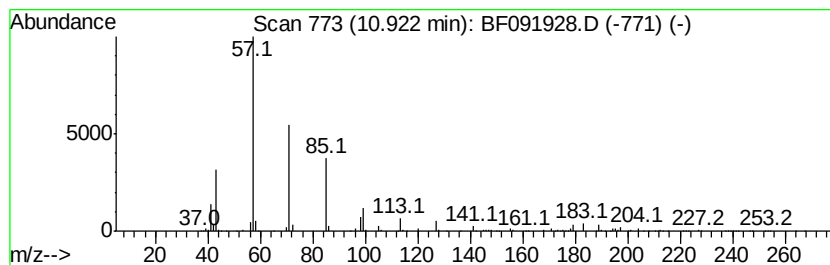
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	16.43 ng	1834650	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	78
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4		triacontane	422	C30H62	000638-68-6	78
5		Nonacosane	408	C29H60	000630-03-5	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
Operator : UM/SJ
Sample : H6068-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

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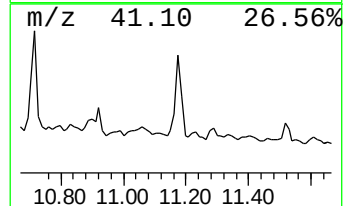
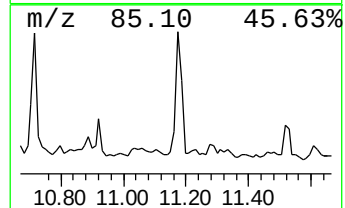
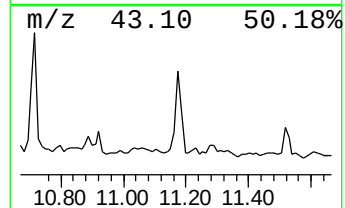
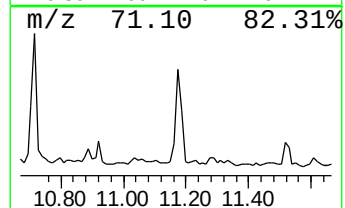
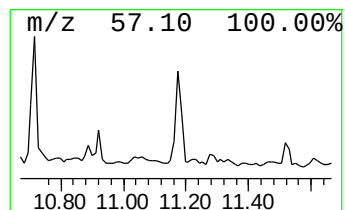
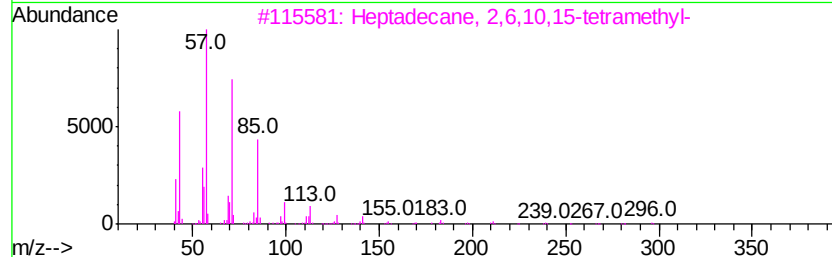
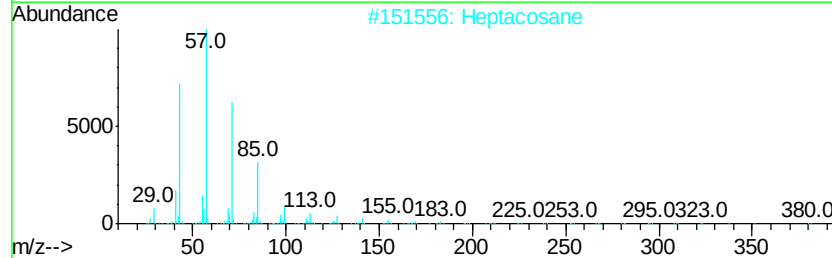
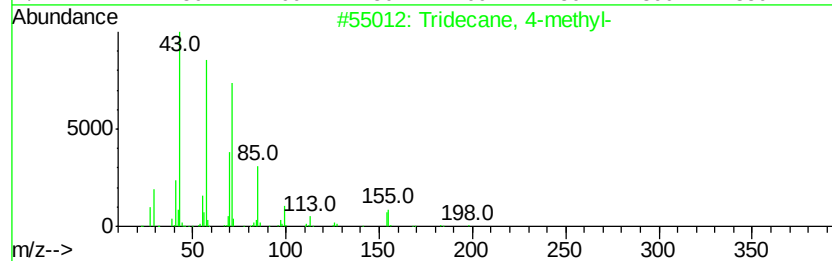
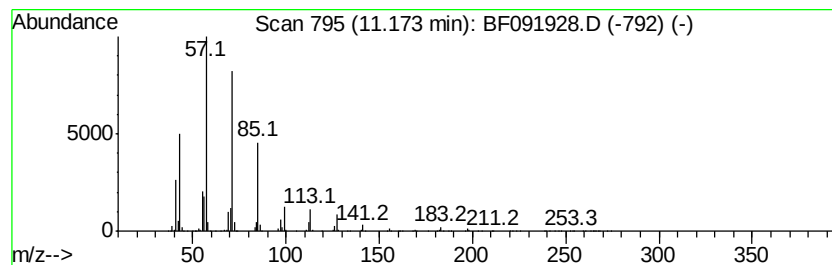
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	62.06 ng	6930110	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091928.D
Acq On : 23 Dec 2016 17:17
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Sample : H6068-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

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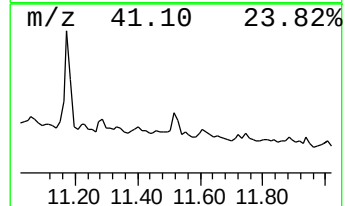
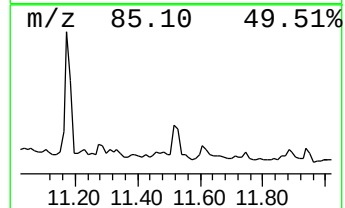
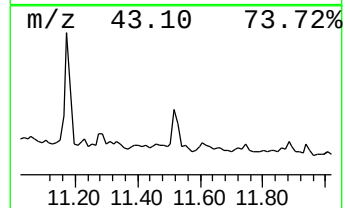
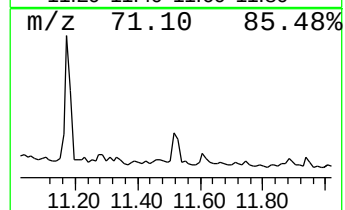
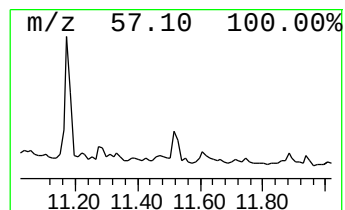
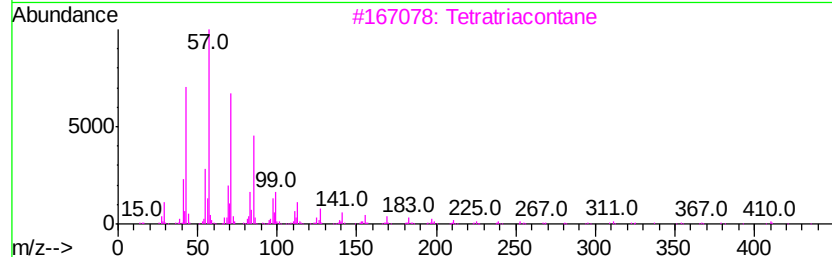
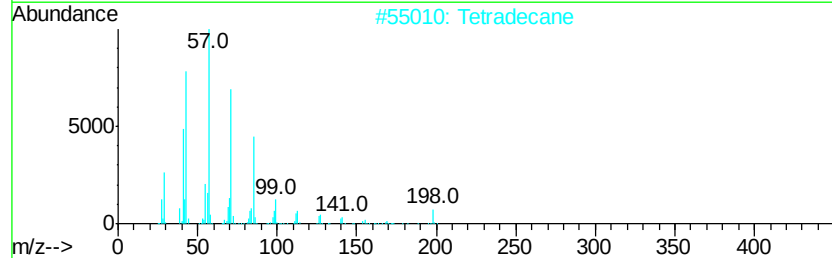
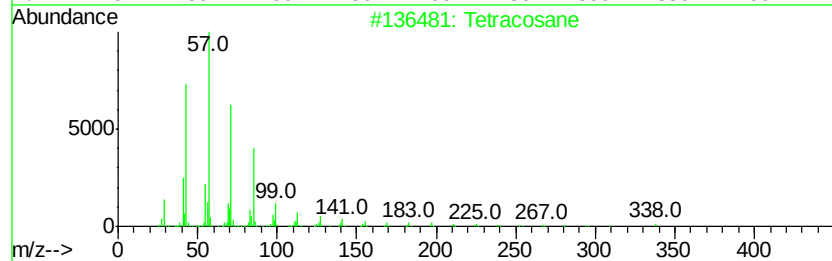
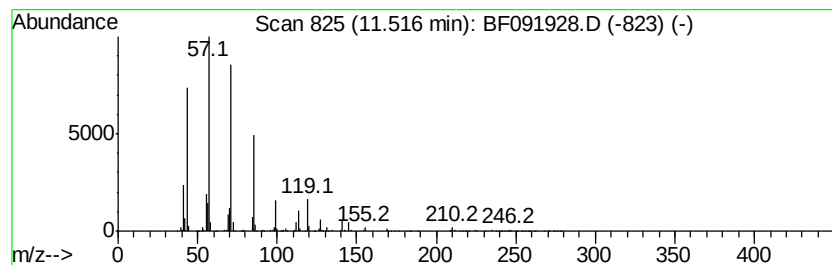
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	22.01 ng	2457560	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	86
2			Tetradecane	198	C14H30	000629-59-4	86
3			Tetratriacontane	479	C34H70	014167-59-0	80
4			Tritetracontane	605	C43H88	007098-21-7	78
5			Tetratetracontane	619	C44H90	007098-22-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091928.D
 Acq On : 23 Dec 2016 17:17
 Operator : UM/SJ
 Sample : H6068-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.91	33.9	ng	2551750	1	6.74	1503560	20.0
unknown6.52	6.52	77.7	ng	5838300	1	6.74	1503560	20.0
Decane, 2,4,6-tri...	7.92	14.9	ng	1955470	2	8.03	2615710	20.0
Cyclohexane, 2-bu...	8.24	15.1	ng	1973220	2	8.03	2615710	20.0
Octane, 3-ethyl-	8.46	46.1	ng	6024020	2	8.03	2615710	20.0
6-Tridecene, 7-me...	8.58	17.5	ng	2293140	2	8.03	2615710	20.0
Undecane	8.73	16.9	ng	2209480	2	8.03	2615710	20.0
Nonane, 3,7-dimet...	8.83	14.1	ng	1842730	2	8.03	2615710	20.0
Trifluoroacetic a...	9.20	29.0	ng	3904370	3	9.78	2695910	20.0
unknown9.24	9.24	14.9	ng	2003920	3	9.78	2695910	20.0
unknown9.95	9.95	12.7	ng	1710090	3	9.78	2695910	20.0
Nonadecane	10.05	17.9	ng	2411570	3	9.78	2695910	20.0
unknown10.35	10.35	13.9	ng	1879880	3	9.78	2695910	20.0
Hexadecane	10.45	54.4	ng	7328790	3	9.78	2695910	20.0
Tridecane, 5-propyl-	10.72	69.5	ng	7760630	4	11.26	2233380	20.0
Pentadecane, 2,6,...	10.92	16.4	ng	1834650	4	11.26	2233380	20.0
Tridecane, 4-methyl-	11.17	62.1	ng	6930110	4	11.26	2233380	20.0
Tetracosane	11.52	22.0	ng	2457560	4	11.26	2233380	20.0