

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088549.D
 Acq On : 1 Jul 2016 00:50
 Operator : UM/SJ
 Sample : H3630-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

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-BF063016.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	1.690	5	9	11	rVB	4581196	6387473	100.00%	7.742%
2	1.735	11	13	23	rVV	267392	536667	8.40%	0.650%
3	1.873	23	25	41	rVV	1302917	2203155	34.49%	2.670%
4	2.078	41	43	49	rVB	110209	160095	2.51%	0.194%
5	5.004	296	299	304	rBV	365900	629204	9.85%	0.763%
6	5.416	331	335	337	rBV	3157798	3690511	57.78%	4.473%
7	5.827	368	371	373	rVB2	133453	215538	3.37%	0.261%
8	5.884	373	376	381	rBV3	75464	178909	2.80%	0.217%
9	5.964	381	383	386	rVB	205394	220551	3.45%	0.267%
10	6.022	386	388	390	rBV2	84719	134851	2.11%	0.163%
11	6.067	390	392	395	rVB	560507	590352	9.24%	0.716%
12	6.124	395	397	398	rBV	262306	243367	3.81%	0.295%
13	6.262	406	409	410	rBV	242507	359723	5.63%	0.436%
14	6.319	412	414	415	rVB	161328	114920	1.80%	0.139%
15	6.353	415	417	422	rVB3	195710	410623	6.43%	0.498%
16	6.456	422	426	428	rBV	2934055	4725840	73.99%	5.728%
17	6.582	433	437	440	rBV	3274306	4405282	68.97%	5.339%
18	6.673	442	445	447	rBV3	129224	251046	3.93%	0.304%
19	6.765	451	453	456	rBV3	126435	341535	5.35%	0.414%
20	6.810	456	457	459	rVV	877187	1068693	16.73%	1.295%
21	6.845	459	460	462	rVB	833592	573503	8.98%	0.695%
22	6.879	462	463	465	rBV	185080	258084	4.04%	0.313%
23	6.913	465	466	467	rBV	110762	148696	2.33%	0.180%
24	6.970	467	471	473	rVV	2948963	3466311	54.27%	4.201%
25	7.005	473	474	475	rVB	174933	119917	1.88%	0.145%
26	7.062	475	479	480	rBV2	146336	273654	4.28%	0.332%
27	7.096	480	482	484	rVB2	268980	417943	6.54%	0.507%
28	7.176	487	489	491	rBV	194347	277812	4.35%	0.337%
29	7.210	491	492	494	rBV	292172	345126	5.40%	0.418%
30	7.382	502	507	508	rBV	2564028	3548722	55.56%	4.301%
31	7.405	508	509	512	rVB2	304853	333256	5.22%	0.404%
32	7.462	512	514	517	rVB3	370477	612220	9.58%	0.742%
33	7.542	517	521	523	rBV3	263456	642993	10.07%	0.779%
34	7.587	523	525	526	rBV2	256938	402641	6.30%	0.488%

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35	7.633	526	529	530	rVB2	370597	647660	10.14%	0.785%
36	7.747	533	539	541	rBV5	490097	1304824	20.43%	1.581%
37	7.793	541	543	544	rVB2	155234	126416	1.98%	0.153%
38	7.850	544	548	553	rVB5	279669	748982	11.73%	0.908%
39	7.930	553	555	557	rBV3	206296	226388	3.54%	0.274%
40	7.976	557	559	560	rBV	272320	289600	4.53%	0.351%
41	8.010	560	562	563	rVB2	116631	132476	2.07%	0.161%
42	8.067	563	567	568	rBV3	291538	676827	10.60%	0.820%
43	8.102	568	570	571	rVV	1443939	1690671	26.47%	2.049%
44	8.170	571	576	580	rVV5	481926	1390569	21.77%	1.685%
45	8.273	583	585	587	rBV3	168578	336722	5.27%	0.408%
46	8.308	587	588	592	rVB3	93480	185484	2.90%	0.225%
47	8.399	592	596	598	rBV4	561748	908408	14.22%	1.101%
48	8.456	600	601	602	rVV	206834	150143	2.35%	0.182%
49	8.490	602	604	606	rVB2	278410	292165	4.57%	0.354%
50	8.536	606	608	610	rBV	1224489	1255250	19.65%	1.521%
51	8.570	610	611	613	rVB2	341563	247685	3.88%	0.300%
52	8.616	613	615	616	rBV2	121069	141811	2.22%	0.172%
53	8.650	616	618	620	rBV3	185675	275394	4.31%	0.334%
54	8.719	620	624	625	rVV4	207942	529224	8.29%	0.641%
55	8.799	629	631	633	rVB	517591	601879	9.42%	0.729%
56	8.856	633	636	637	rBV2	136299	257123	4.03%	0.312%
57	8.902	639	640	643	rVV3	180630	282362	4.42%	0.342%
58	8.982	646	647	648	rBV	135440	161631	2.53%	0.196%
59	9.016	648	650	652	rVB3	404140	466422	7.30%	0.565%
60	9.130	658	660	662	rVB	846942	894163	14.00%	1.084%
61	9.176	662	664	667	rVB	3216328	3693015	57.82%	4.476%
62	9.268	669	672	674	rBV2	369593	695807	10.89%	0.843%
63	9.313	674	676	680	rVB5	219778	539532	8.45%	0.654%
64	9.382	680	682	684	rVB2	194243	197535	3.09%	0.239%
65	9.439	684	687	690	rBV2	196683	413979	6.48%	0.502%
66	9.508	690	693	697	rBV3	424093	903233	14.14%	1.095%
67	9.588	697	700	701	rVV2	1393691	2000721	31.32%	2.425%
68	9.622	701	703	706	rVV3	236172	378231	5.92%	0.458%
69	9.725	710	712	714	rVV3	94401	151564	2.37%	0.184%
70	9.771	714	716	717	rVB	306185	314346	4.92%	0.381%
71	9.793	717	718	720	rBV2	222766	246801	3.86%	0.299%

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72	9.851	720	723	725 rBV	1381477	1433825	22.45%	1.738%
73	9.896	725	727	730 rVV2	127507	145581	2.28%	0.176%
74	9.965	730	733	735 rVB	185380	305219	4.78%	0.370%
75	10.056	738	741	742 rVB2	256567	312083	4.89%	0.378%
76	10.091	742	744	745 rVB	256689	224892	3.52%	0.273%
77	10.125	745	747	749 rBV3	215050	391146	6.12%	0.474%
78	10.171	749	751	754 rVB2	191707	358658	5.62%	0.435%
79	10.262	754	759	761 rBV5	145191	409535	6.41%	0.496%
80	10.422	771	773	774 rVB2	96228	125316	1.96%	0.152%
81	10.513	778	781	783 rBV	368193	344446	5.39%	0.417%
82	10.628	789	791	794 rBV2	1398058	2000602	31.32%	2.425%
83	10.776	801	804	806 rVB	475814	619814	9.70%	0.751%
84	11.245	843	845	847 rVB	264481	284211	4.45%	0.344%
85	11.325	850	852	854 rBV	1118416	959206	15.02%	1.163%
86	11.588	873	875	877 rBV	132404	143256	2.24%	0.174%
87	11.862	897	899	901 rVV2	242330	285653	4.47%	0.346%
88	12.319	937	939	941 rBV	208275	329235	5.15%	0.399%
89	12.537	956	958	960 rBV	229168	314085	4.92%	0.381%
90	12.582	960	962	964 rVB2	280367	306943	4.81%	0.372%
91	12.914	988	991	993 rBV	2483026	2437641	38.16%	2.954%
92	13.199	1014	1016	1020 rBV2	276147	555502	8.70%	0.673%
93	13.805	1067	1069	1074 rBV2	389913	1080416	16.91%	1.309%
94	13.954	1080	1082	1084 rBV	556061	592729	9.28%	0.718%
95	14.308	1111	1113	1116 rBV	429279	713375	11.17%	0.865%
96	16.045	1263	1265	1272 rVB2	445398	1325992	20.76%	1.607%
97	16.457	1298	1301	1307 rVB	551610	1258705	19.71%	1.526%
98	17.817	1417	1420	1430 rVB	280575	755913	11.83%	0.916%
99	18.057	1438	1441	1446 rBV2	286974	805745	12.61%	0.977%
100	19.223	1538	1543	1556 rVB2	390821	1643986	25.74%	1.993%

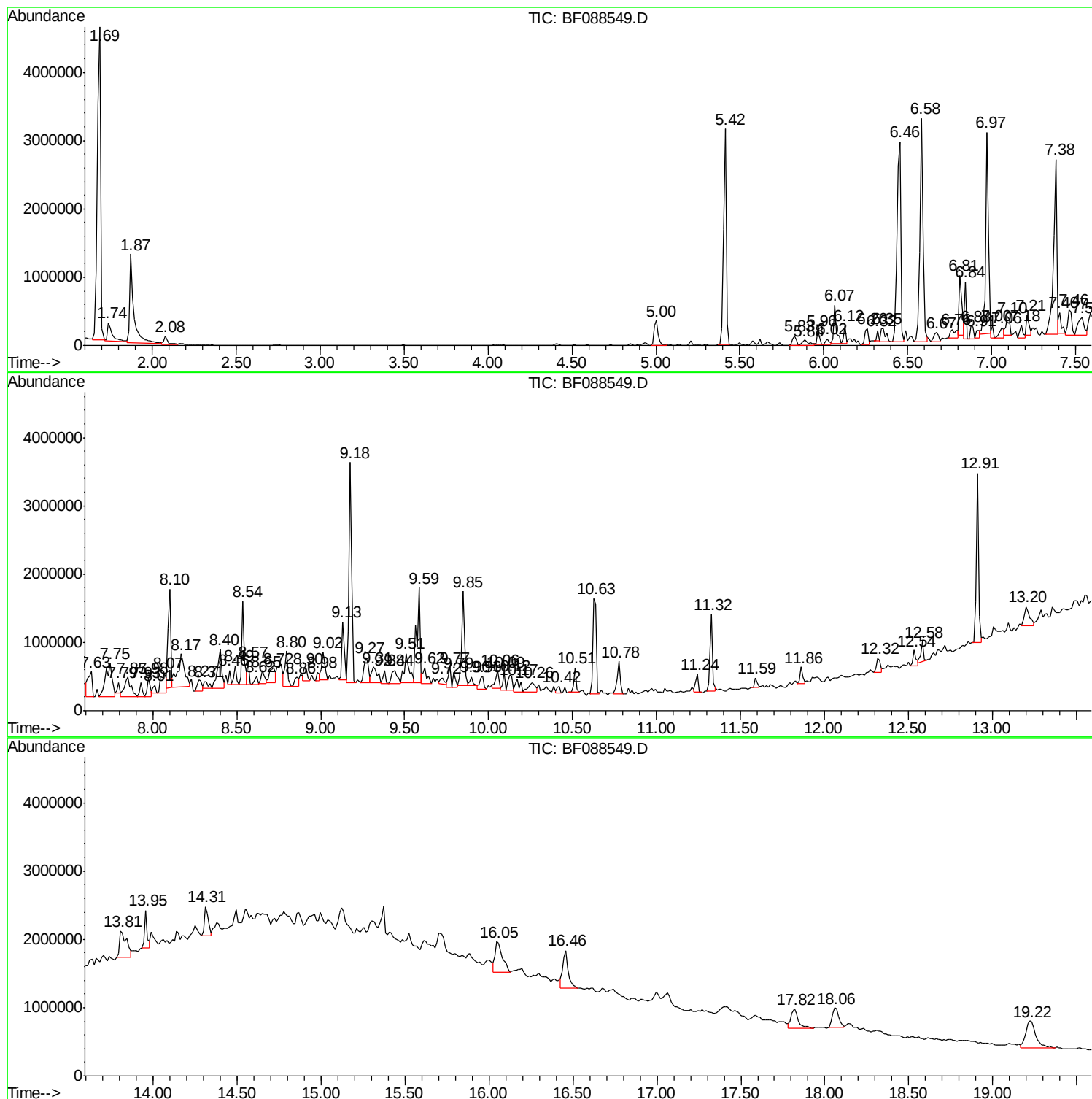
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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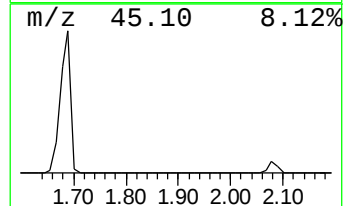
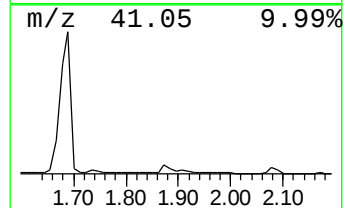
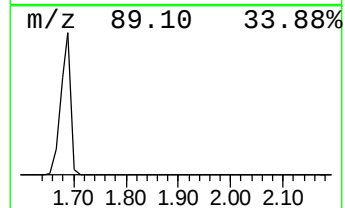
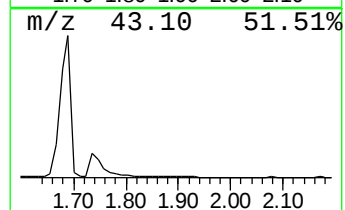
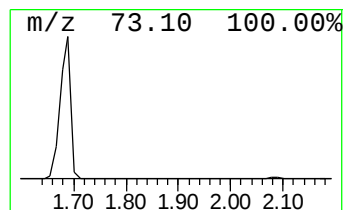
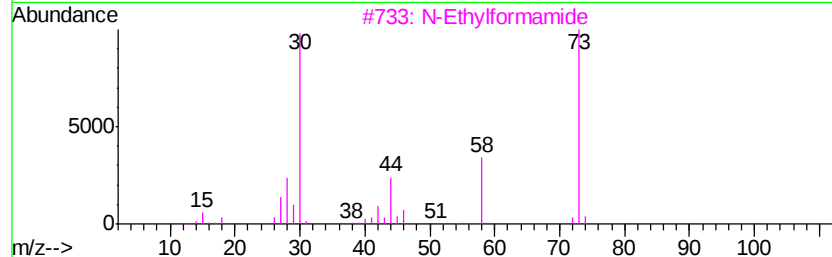
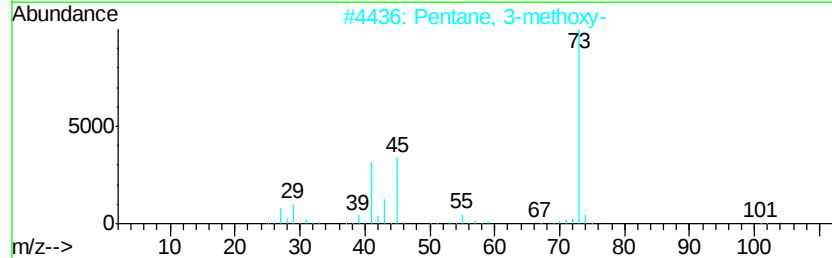
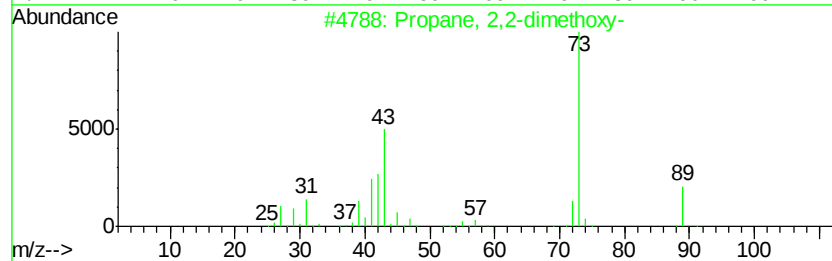
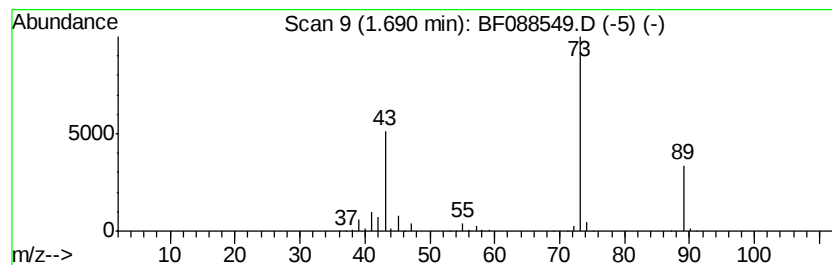
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.69	119.54 ng	6387470	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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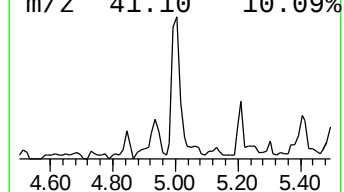
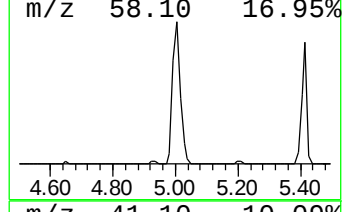
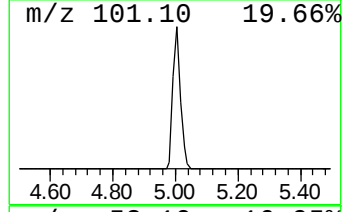
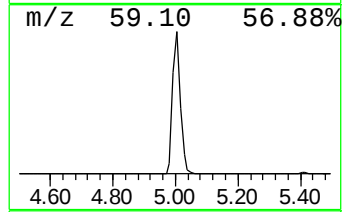
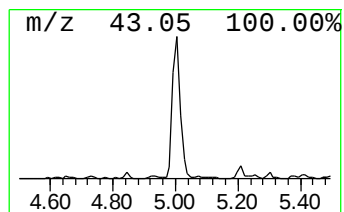
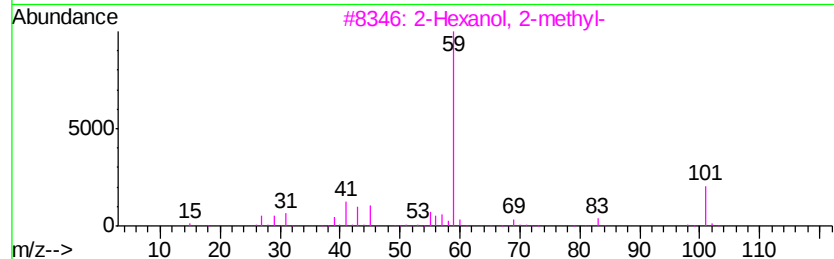
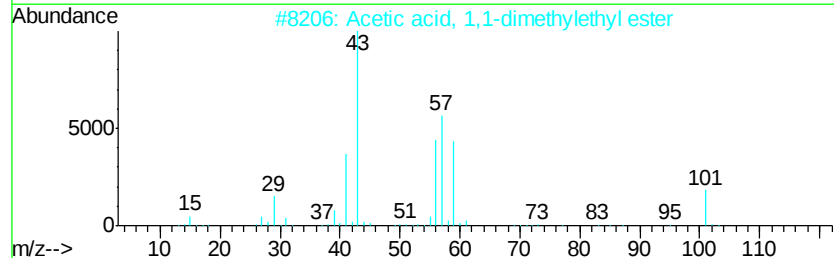
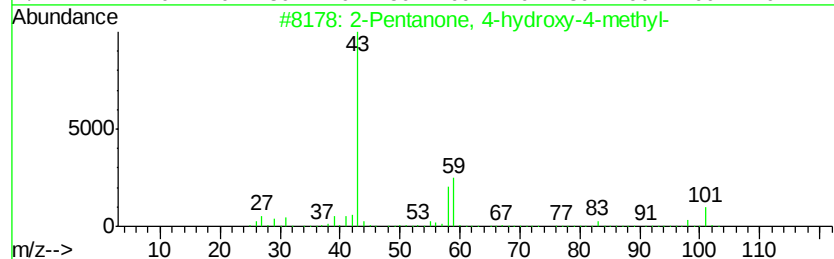
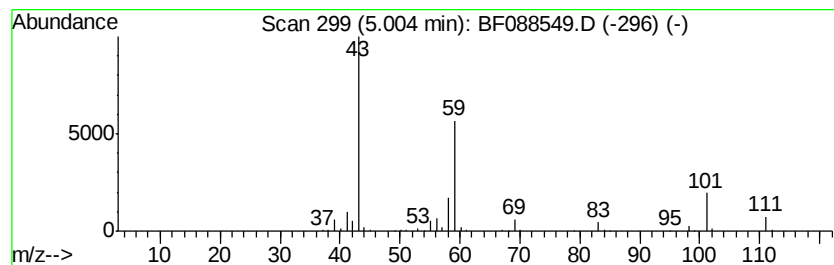
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	11.78 ng	629204	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	17
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12



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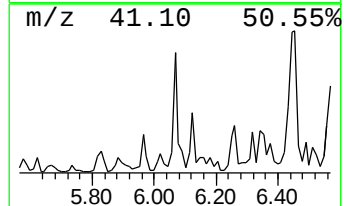
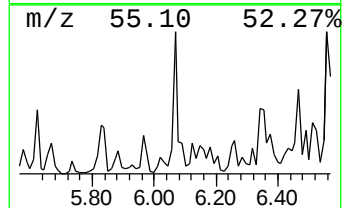
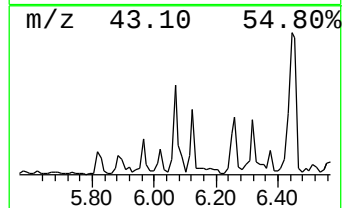
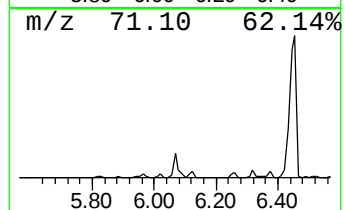
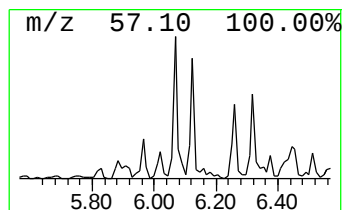
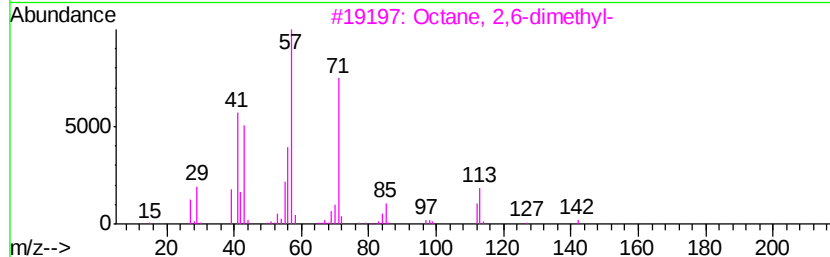
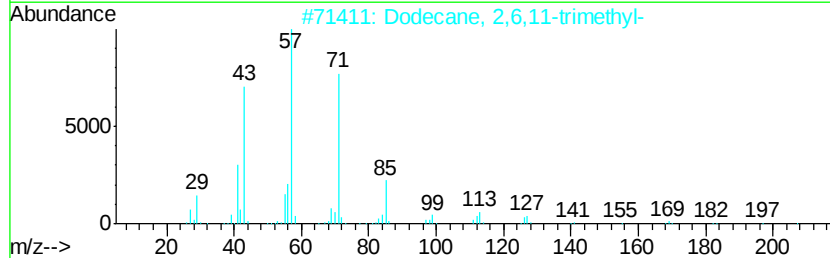
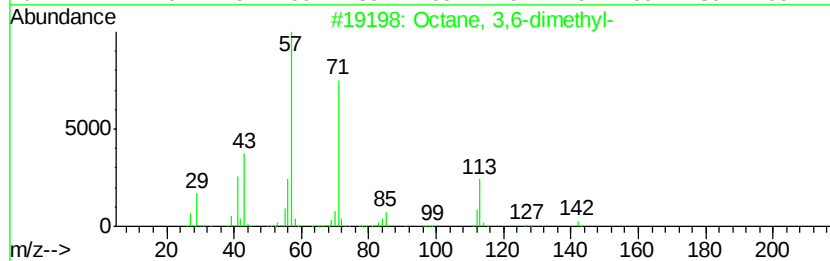
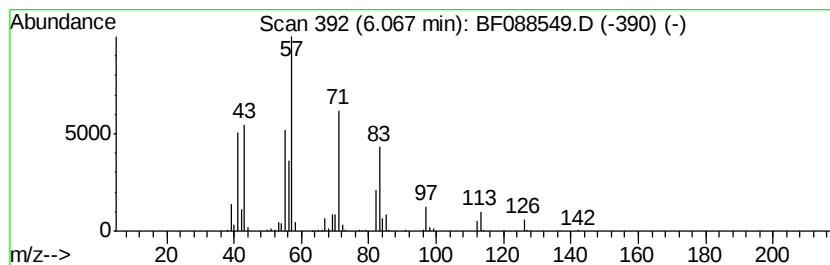
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	11.05 ng	590352	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088549.D
Acq On : 1 Jul 2016 00:50
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
B1409-TP01W-1224

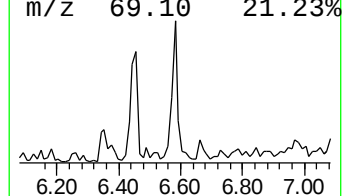
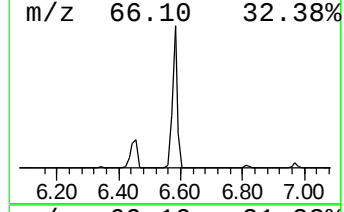
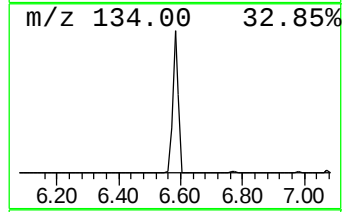
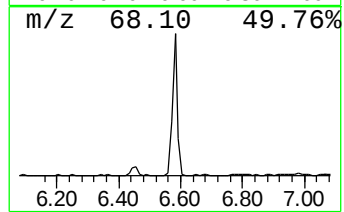
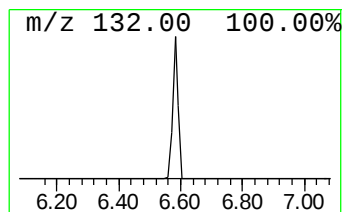
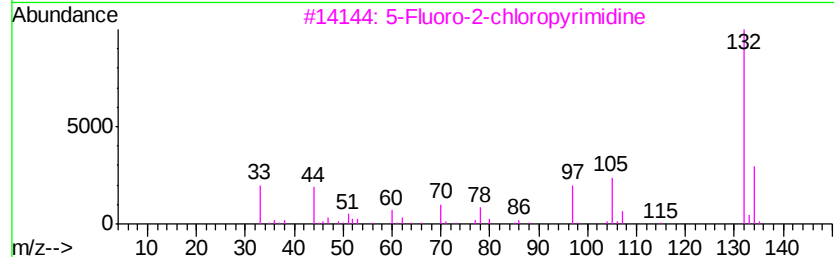
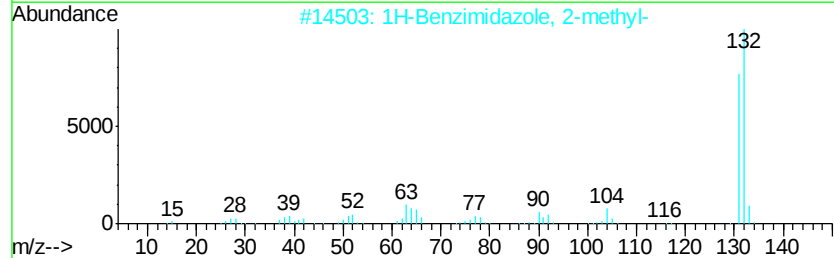
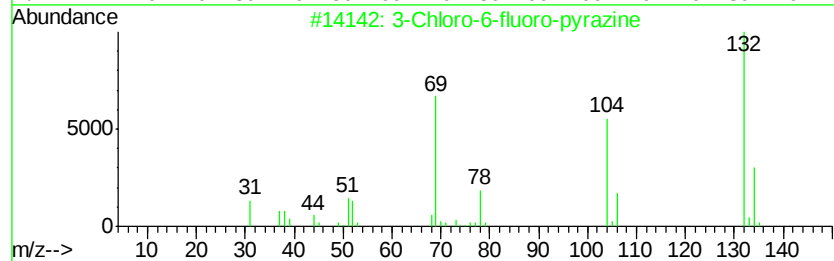
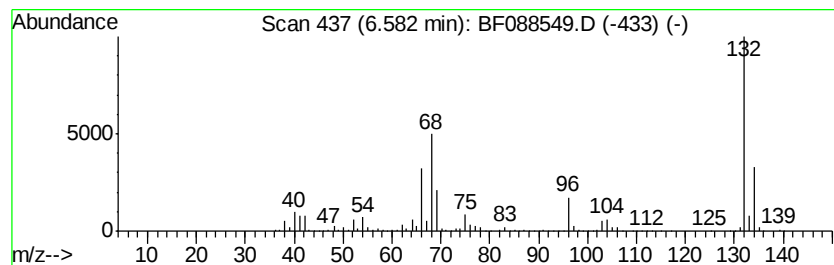
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	82.44 ng	4405280	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile			132	C8H8N2	1000241-93-9	10
5	Cyclopropanamine, 1-phenyl-			133	C9H11N	1000351-26-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088549.D
Acq On : 1 Jul 2016 00:50
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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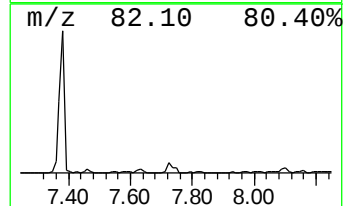
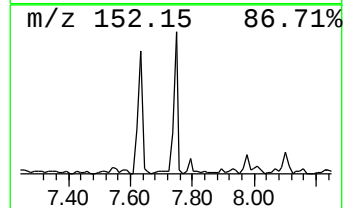
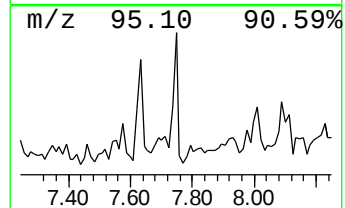
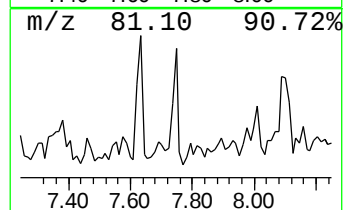
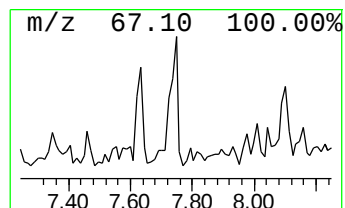
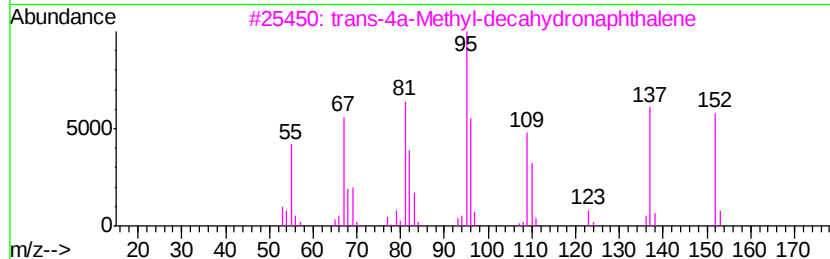
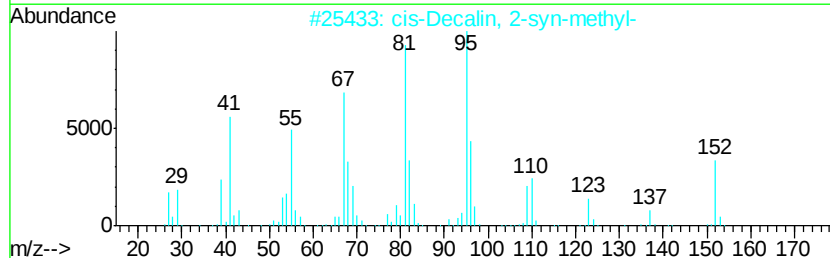
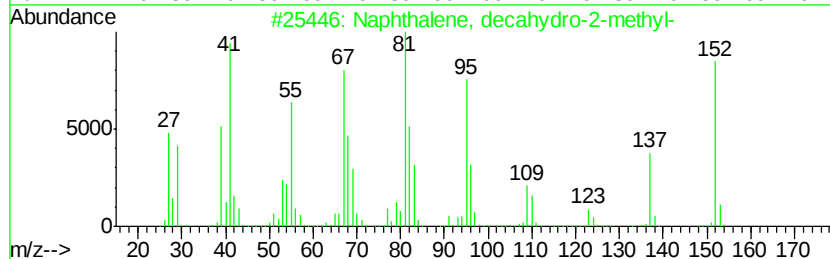
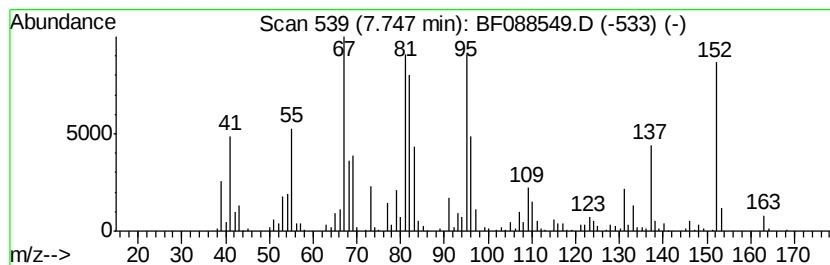
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	15.44 ng	1304820	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
3		trans-4a-Methyl-decahydro-2-naphtha...	152	C11H20	002547-27-5	64
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088549.D
Acq On : 1 Jul 2016 00:50
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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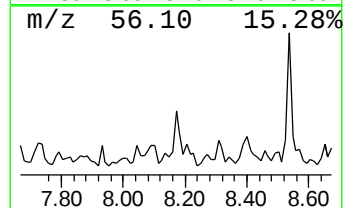
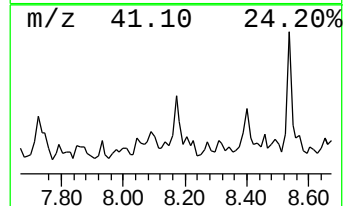
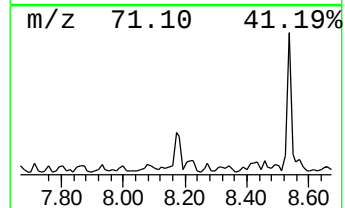
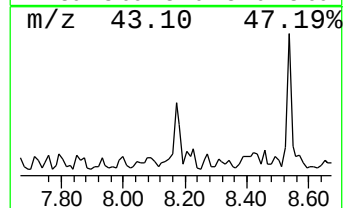
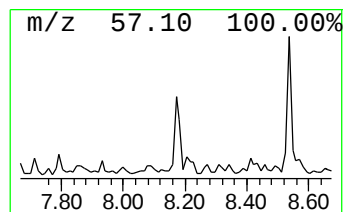
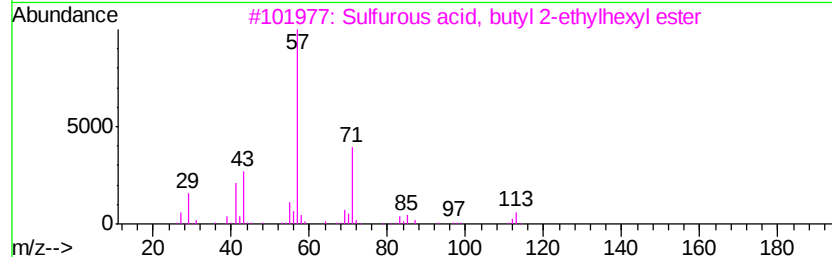
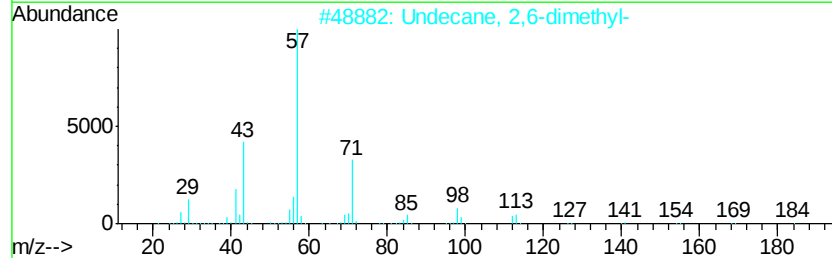
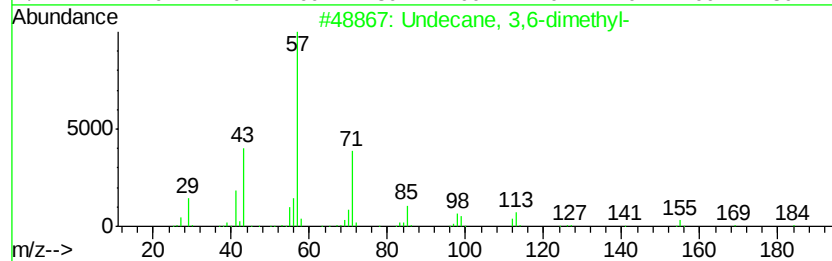
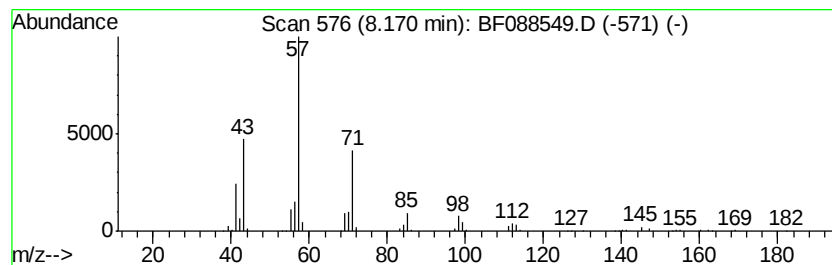
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	16.45 ng	1390570	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088549.D
Acq On : 1 Jul 2016 00:50
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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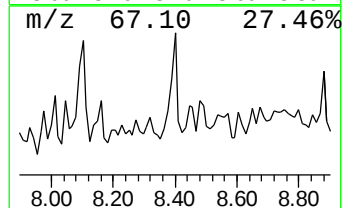
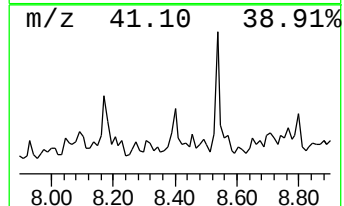
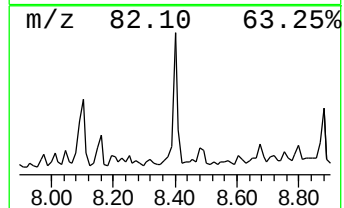
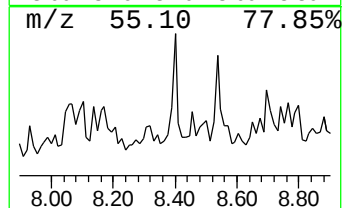
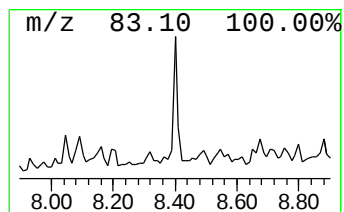
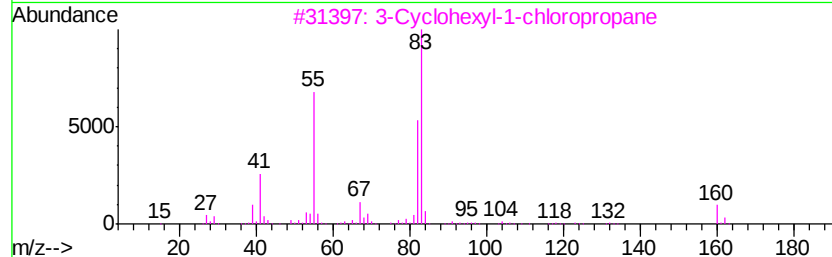
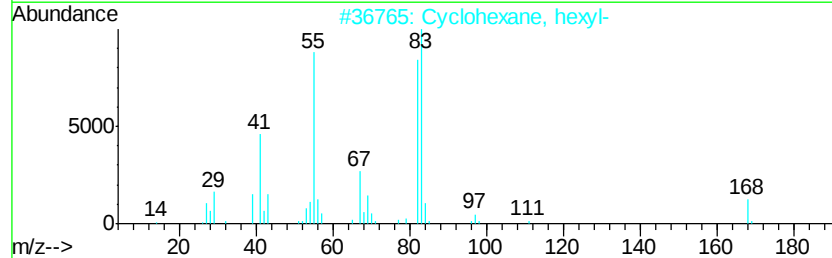
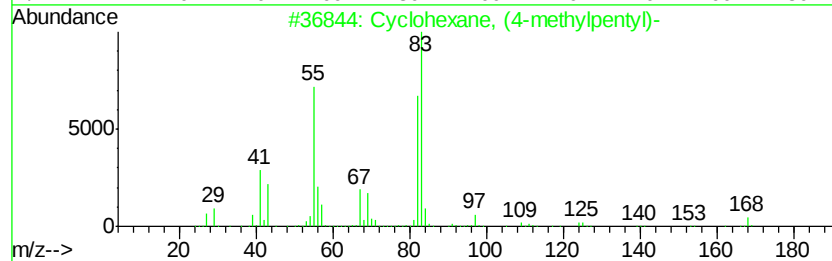
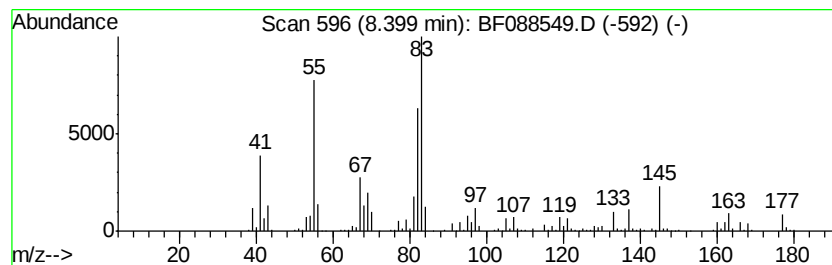
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, (4-methylpentyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	10.75 ng	908408	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
3		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	58
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
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ClientSampleId :
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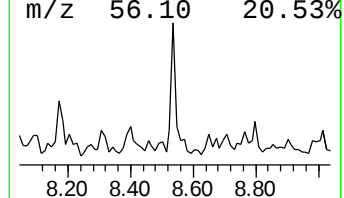
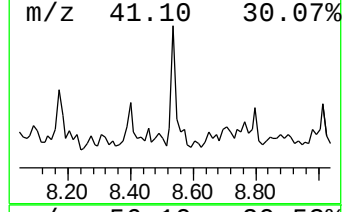
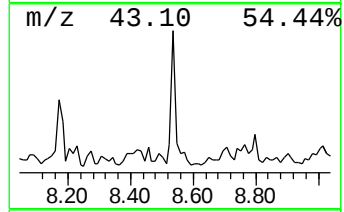
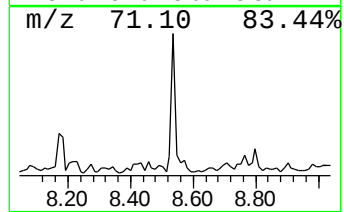
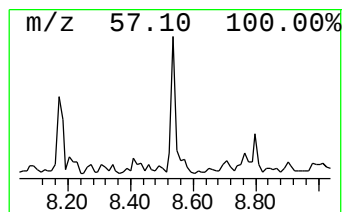
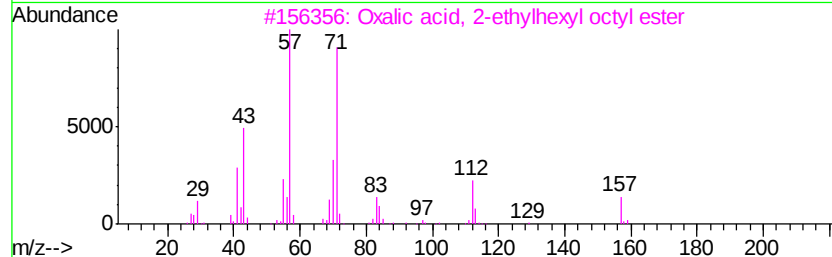
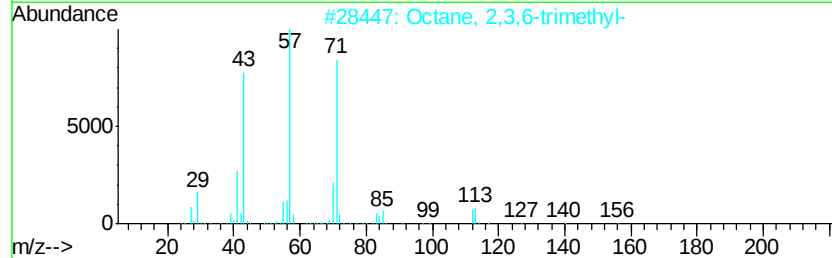
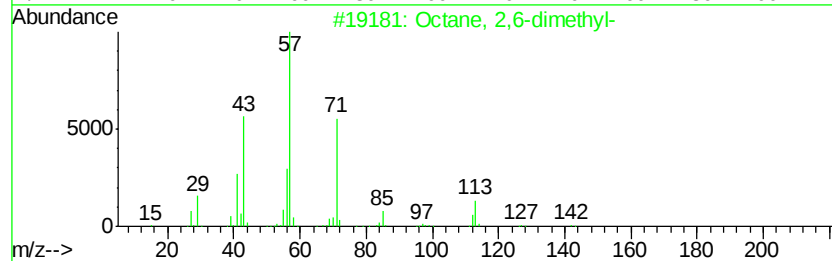
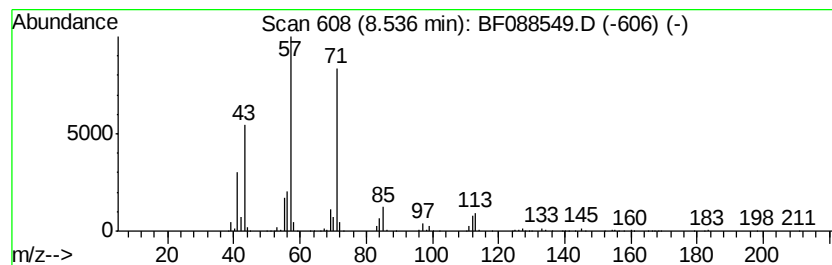
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	14.85 ng	1255250	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088549.D
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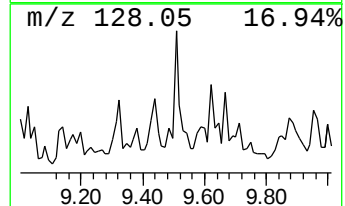
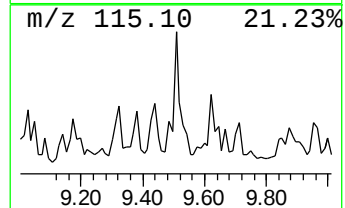
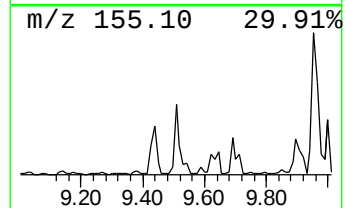
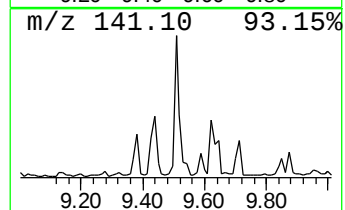
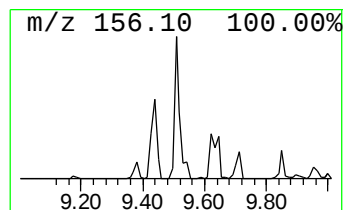
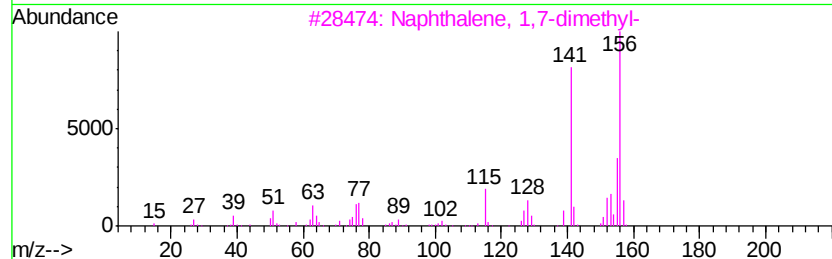
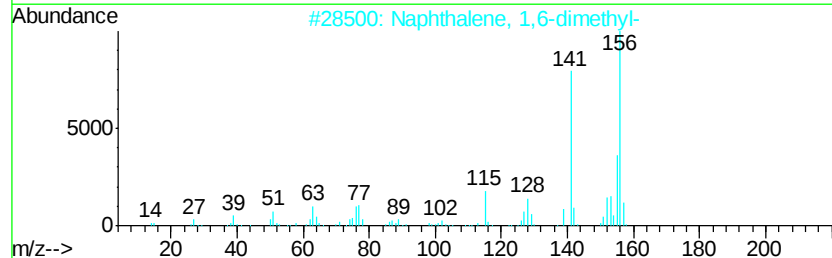
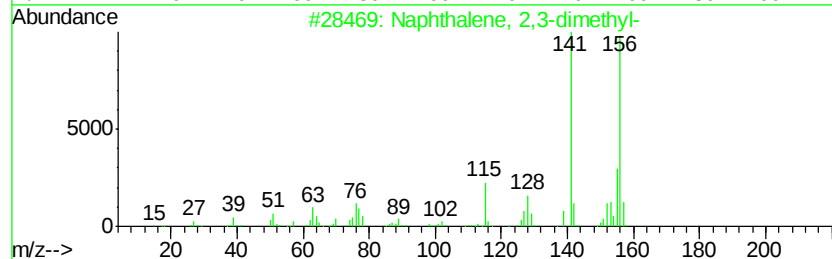
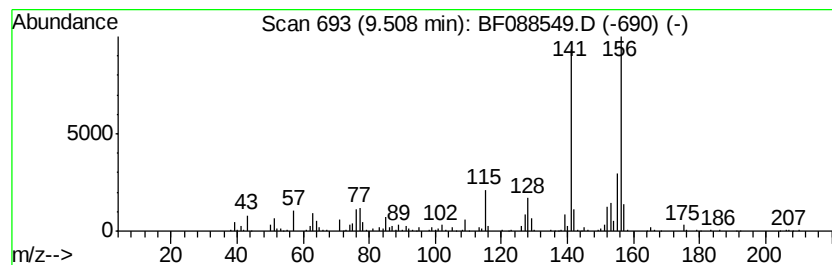
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	12.60 ng	903233	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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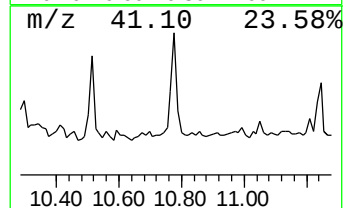
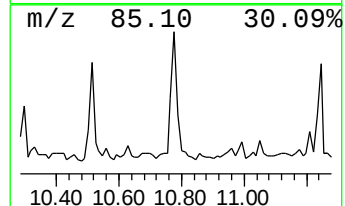
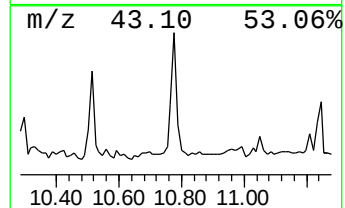
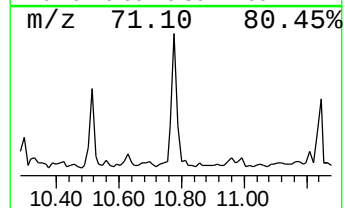
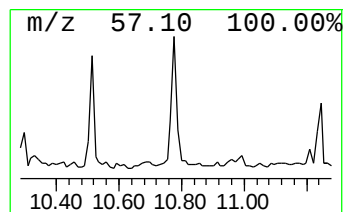
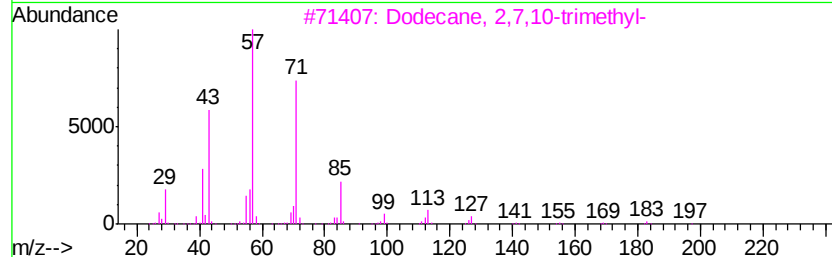
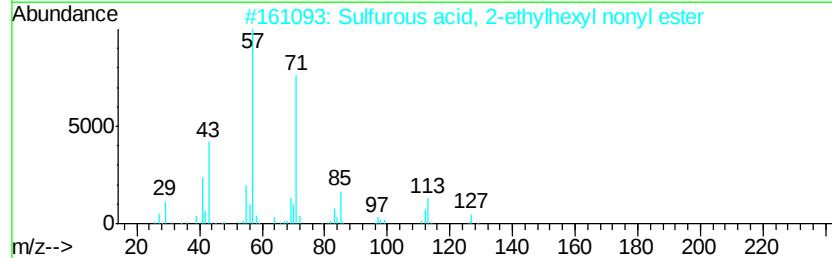
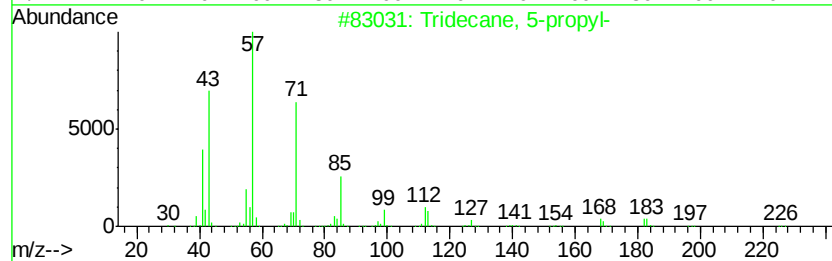
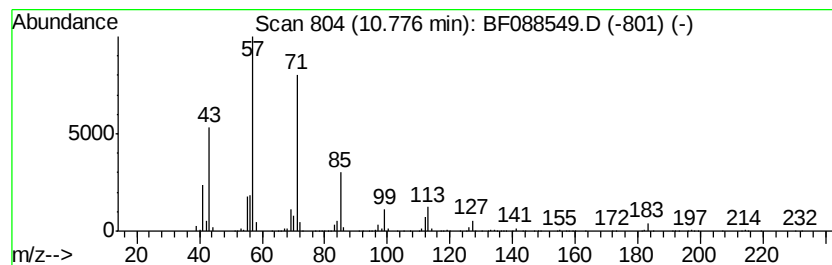
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.78	12.92 ng	619814	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
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Acq On : 1 Jul 2016 00:50
Operator : UM/SJ
Sample : H3630-02
Misc :
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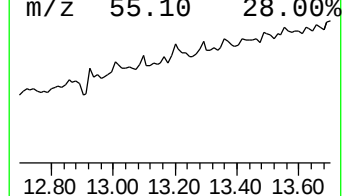
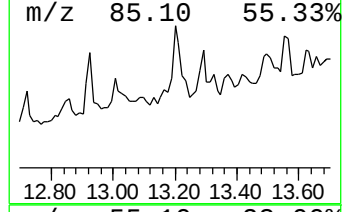
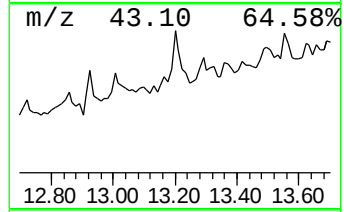
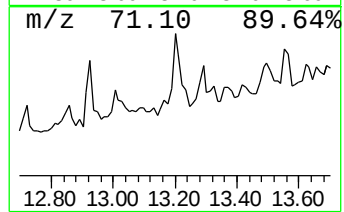
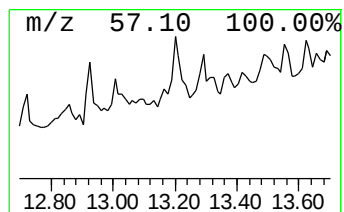
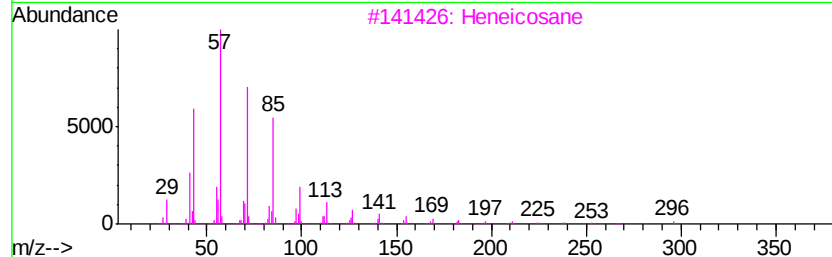
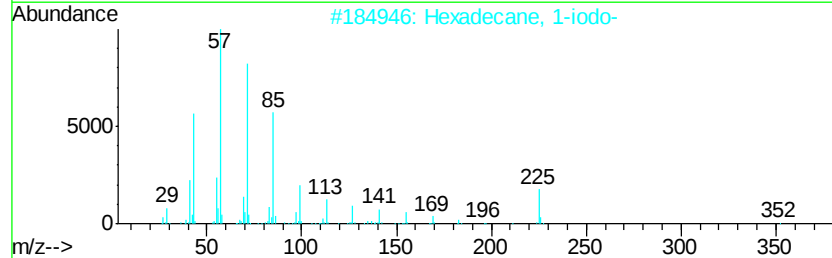
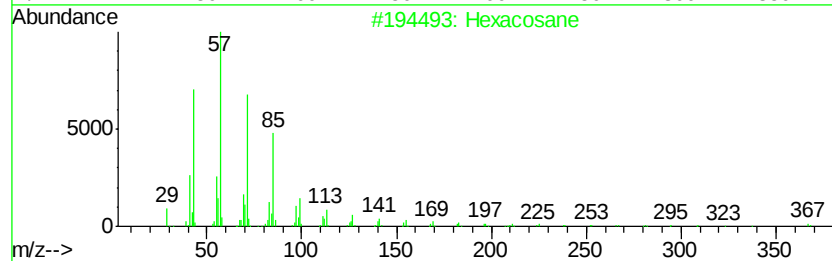
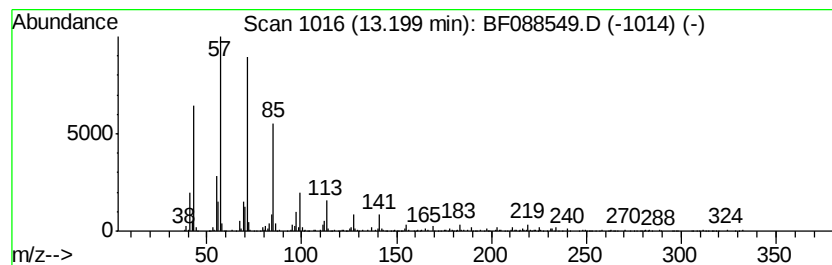
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	18.74 ng	555502	Chrysene-d12	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	90
2	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	87
3	Heneicosane	296 C21H44	000629-94-7	87
4	2-Bromotetradecane	276 C14H29Br	074036-95-6	87
5	Octadecane	254 C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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Misc :
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Instrument :
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ClientSampleId :
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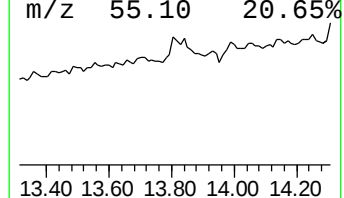
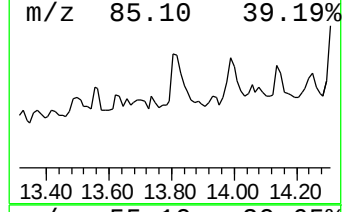
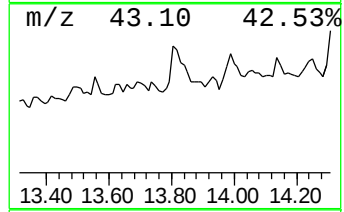
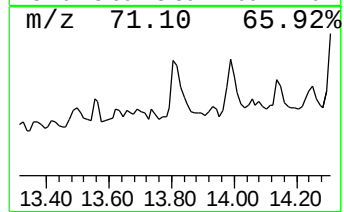
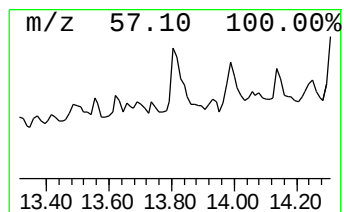
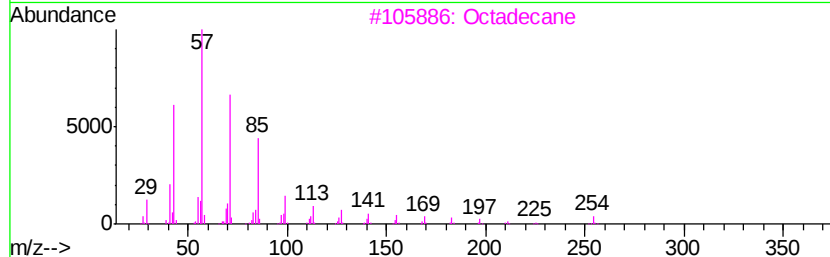
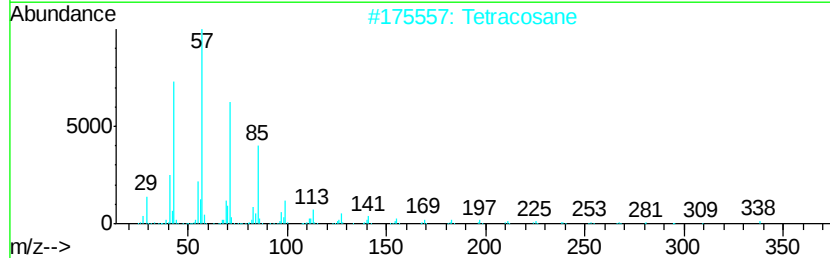
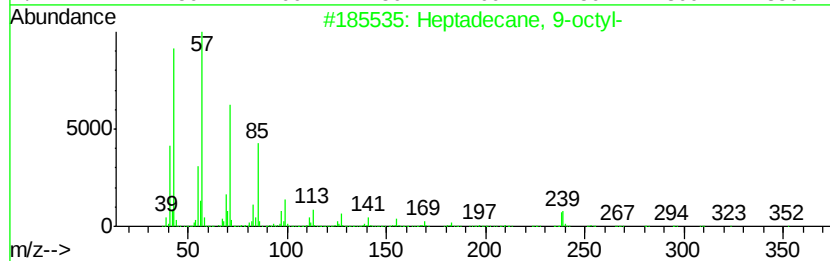
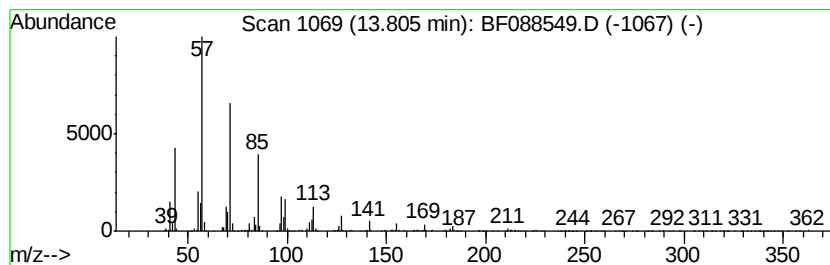
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	36.46 ng	1080420	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		Tetracosane	338	C24H50	000646-31-1	93
3		Octadecane	254	C18H38	000593-45-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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Misc :
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Instrument :
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ClientSampleId :
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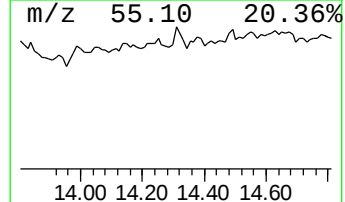
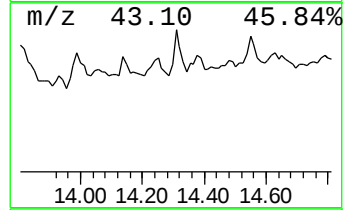
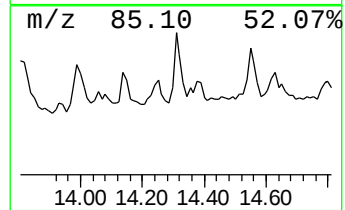
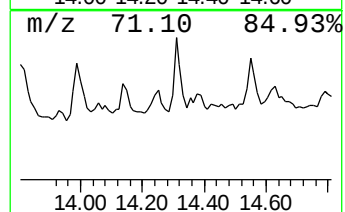
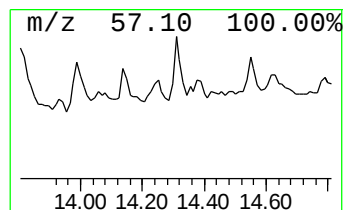
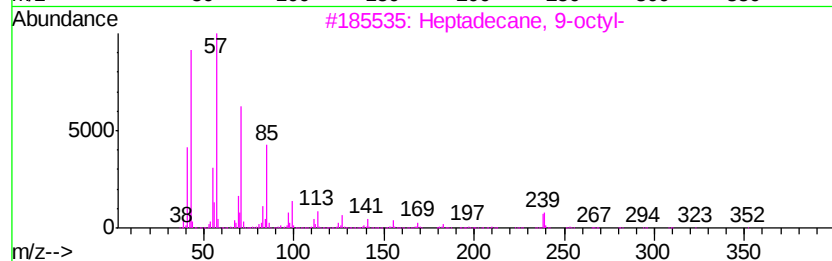
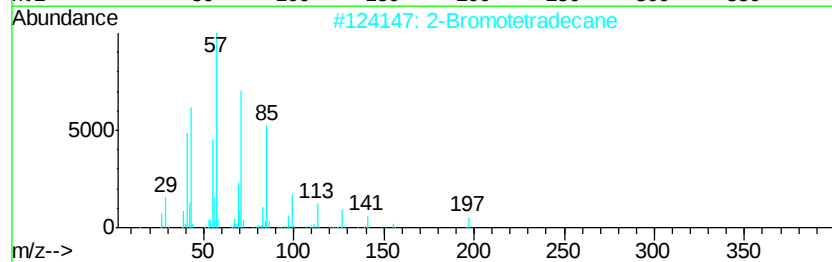
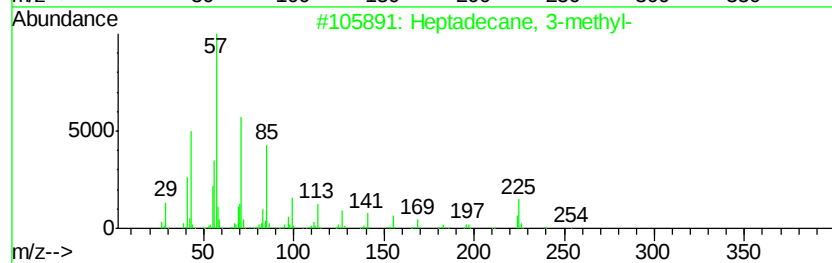
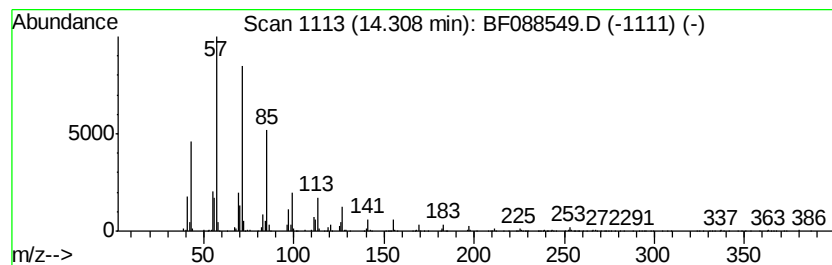
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	24.07 ng	713375	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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ClientSampleId :
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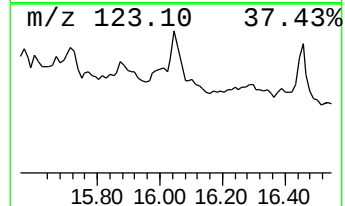
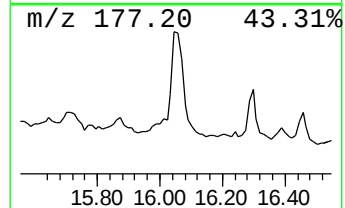
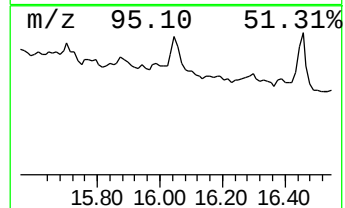
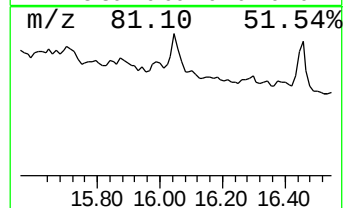
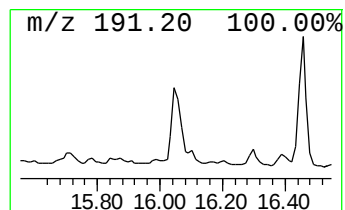
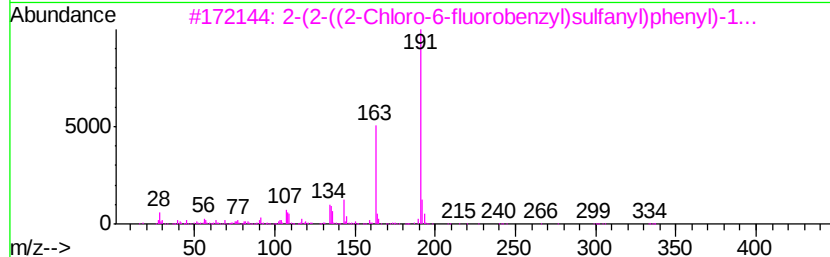
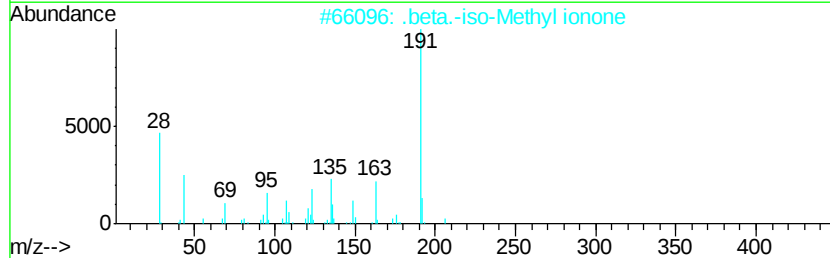
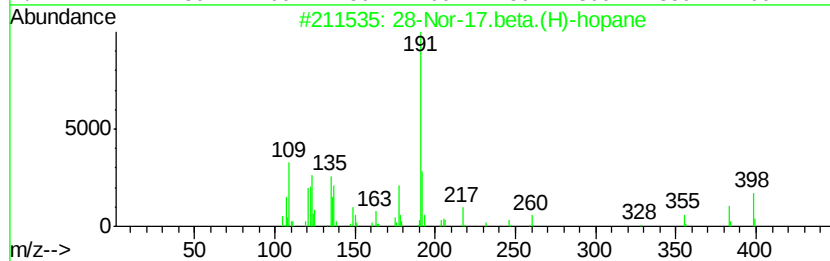
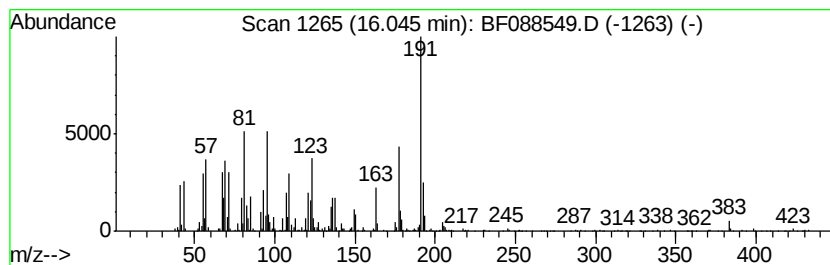
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 28-Nor-17.beta.(H)-hopane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	20.00 ng	1325990	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	62
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
3		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	38
4		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
5		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088549.D
Acq On : 1 Jul 2016 00:50
Operator : UM/SJ
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ALS Vial : 20 Sample Multiplier: 1

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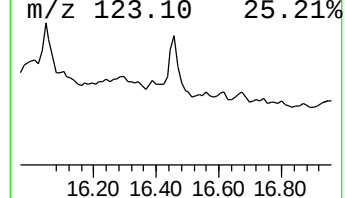
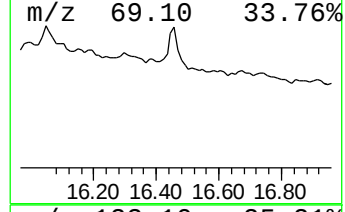
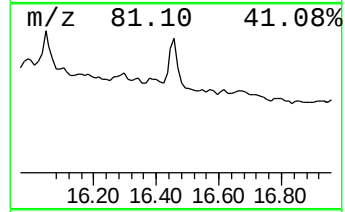
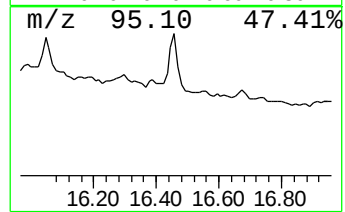
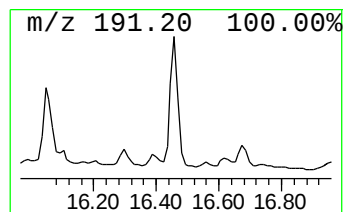
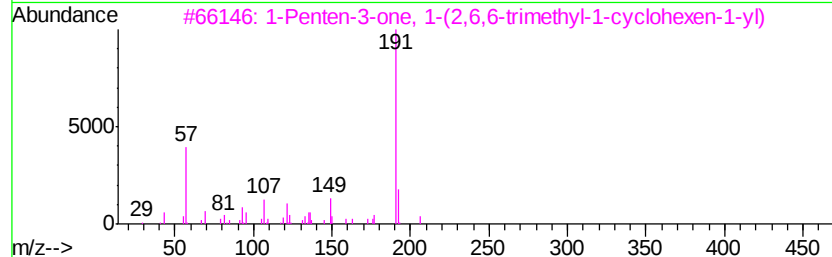
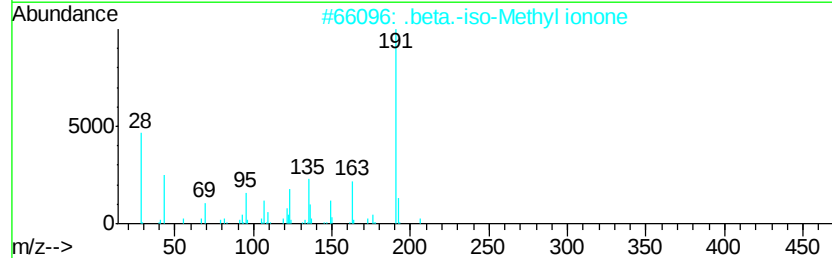
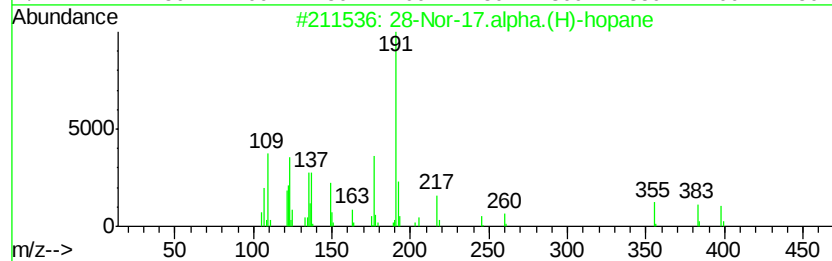
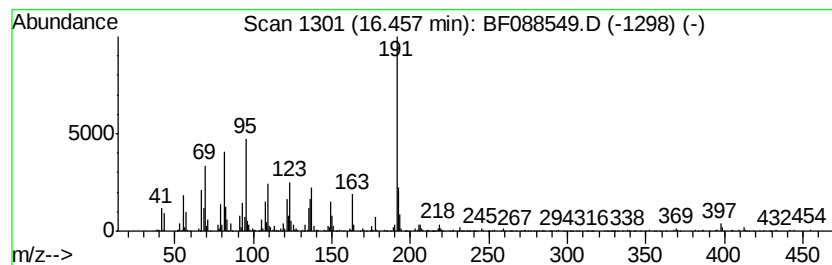
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 28-Nor-17.alpha.(H)-hopane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	18.99 ng	1258710	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5		4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	35



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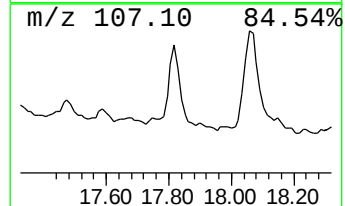
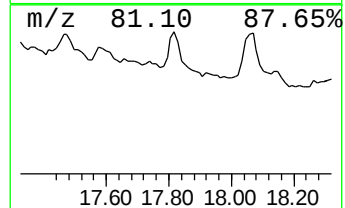
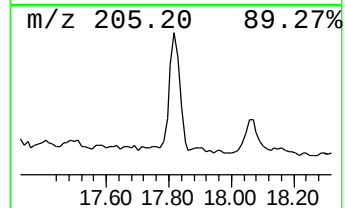
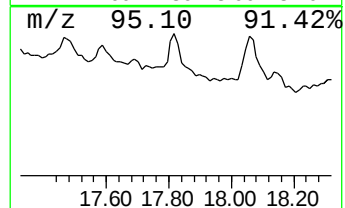
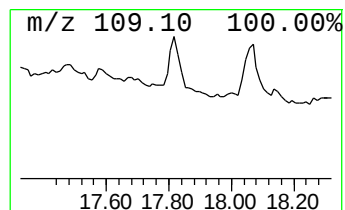
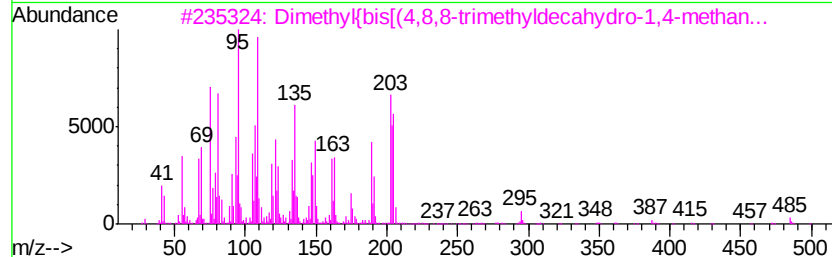
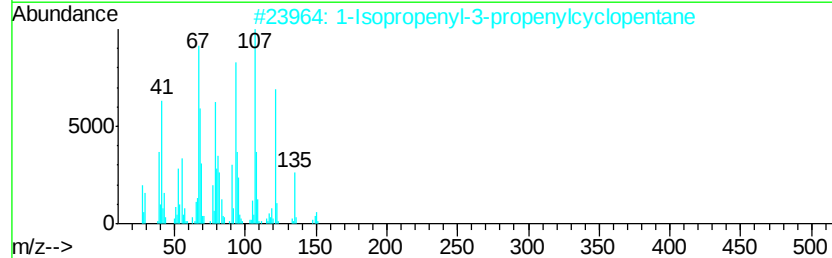
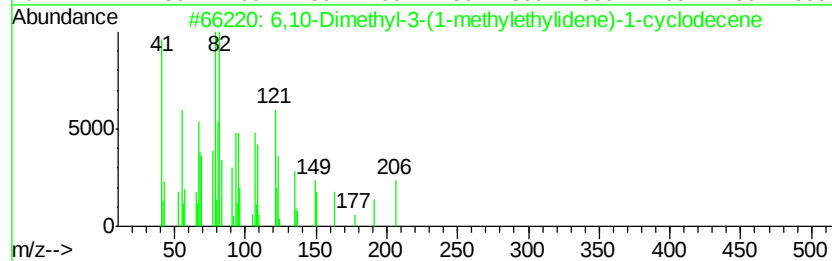
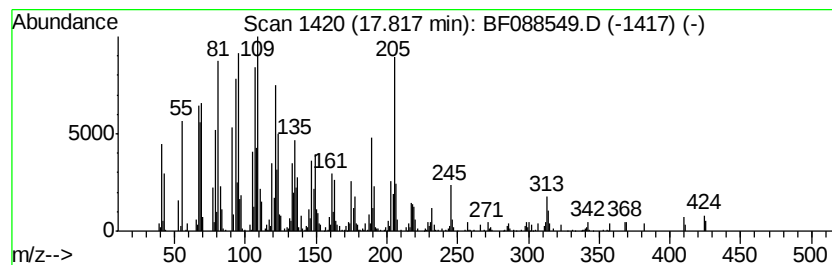
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 6,10-Dimethyl-3-(1-methylet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	11.40 ng	755913	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,10-Dimethyl-3-(1-methylethylidene)-1-cyclodecene	206	C15H26	069239-71-0	64
2		1-Isopropenyl-3-propenylcyclopentane	150	C11H18	1000192-81-2	58
3		Dimethylbis(4,8,8-trimethyldecylidene)-1,4-methanododecane	500	C32H56O2Si	1000364-69-0	52
4		2,6,6,9,2',6',9'-Octamethyl-1,4-methanododecane	410	C30H50	1000189-48-2	46
5		Cyclohexane, 1-ethenyl-1-methyl-	204	C15H24	003242-08-8	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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Acq On : 1 Jul 2016 00:50
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Sample : H3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

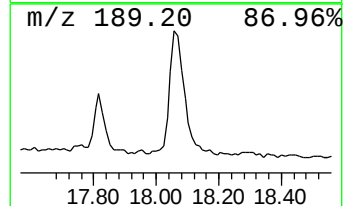
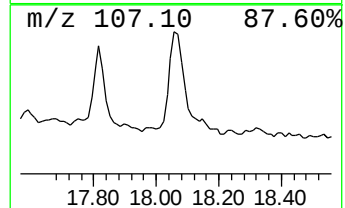
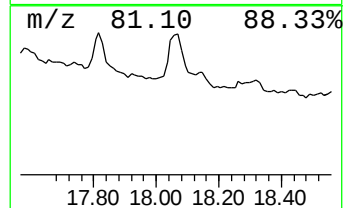
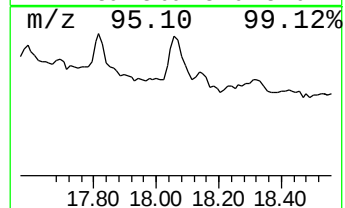
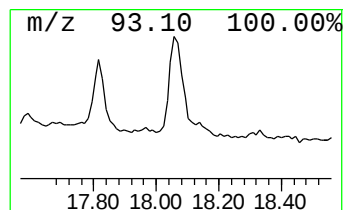
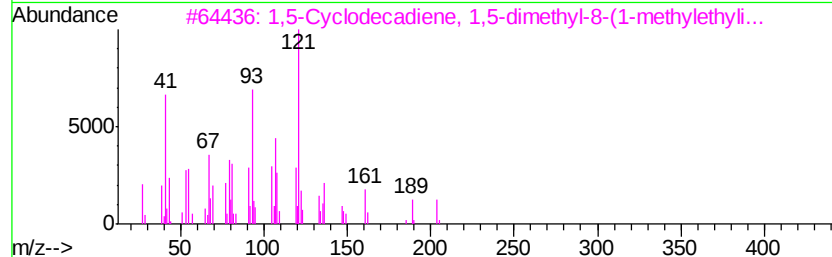
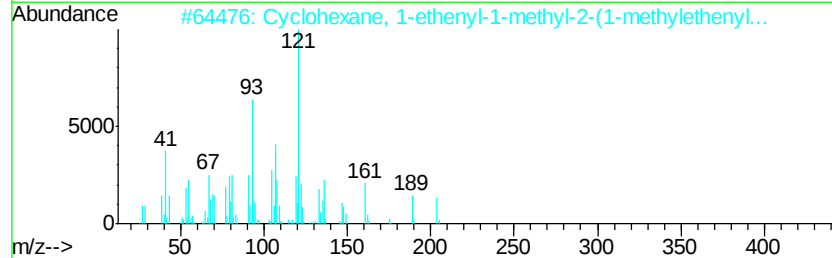
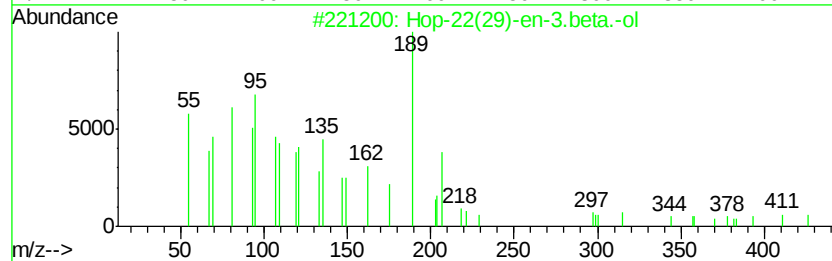
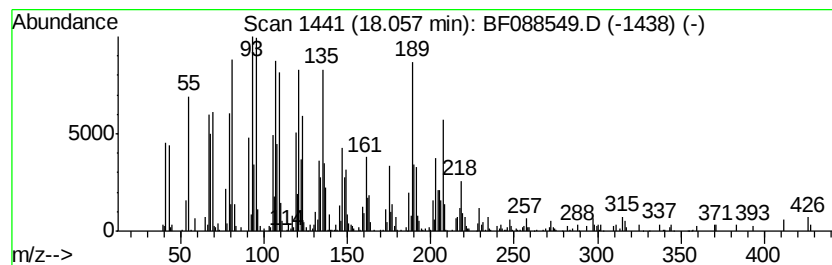
Instrument :
BNA_F
ClientSampleId :
B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	12.15 ng	805745	Perylene-d12	15.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hop-22(29)-en-3.beta.-ol	426 C30H50O	058801-23-3 64
2		Cyclohexane, 1-ethenyl-1-methyl-...	204 C15H24	003242-08-8 55
3		1,5-Cyclodecadiene, 1,5-dimethyl...	204 C15H24	015423-57-1 53
4		Guaia-9,11-diene	204 C15H24	1000374-19-8 49
5		.gamma.-Elemene	204 C15H24	029873-99-2 46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088549.D
Acq On : 1 Jul 2016 00:50
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1409-TP01W-1224

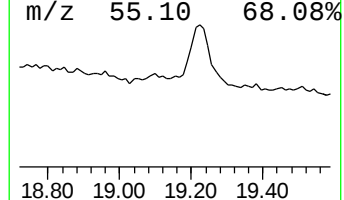
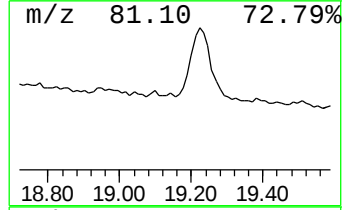
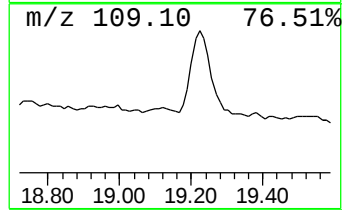
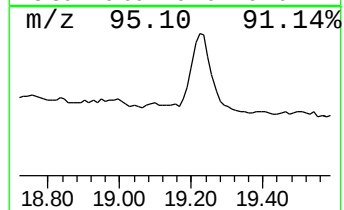
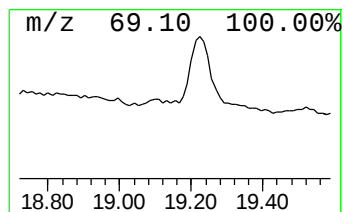
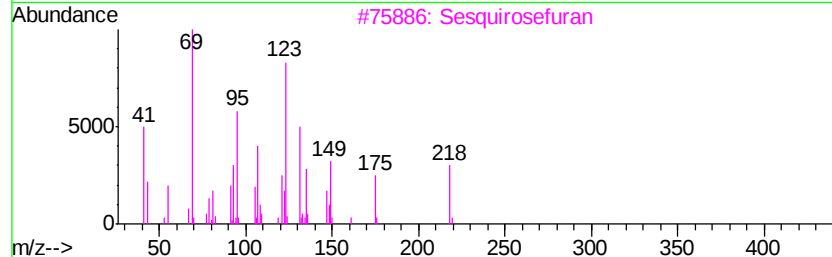
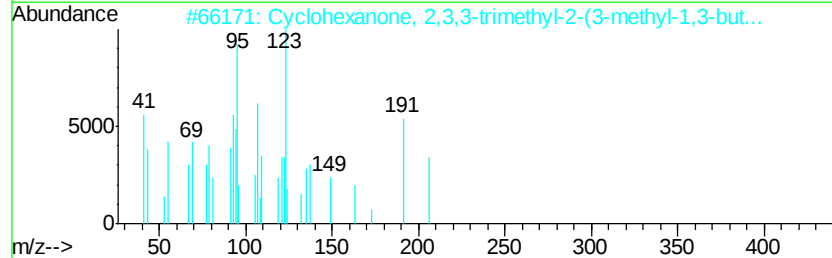
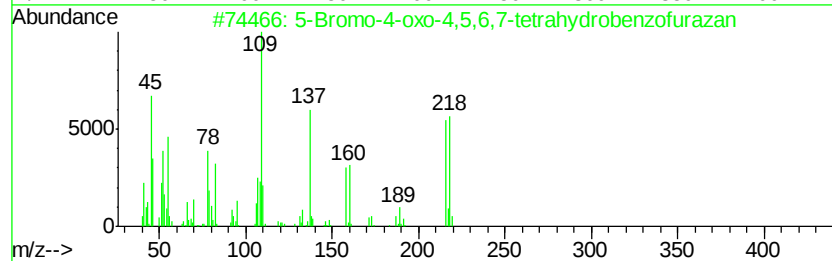
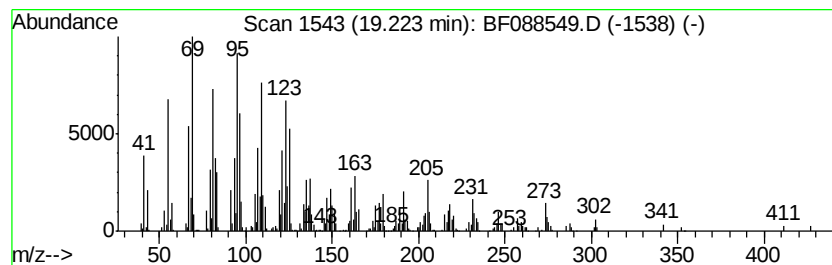
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	24.80 ng	1643990	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	60
2		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	60
3		Sesquirosefuran	218	C15H22O	039007-93-7	60
4		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	45
5		1H-3a,7-Methanoazulen-5-ol, octa...	220	C15H24O	028231-03-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088549.D
 Acq On : 1 Jul 2016 00:50
 Operator : UM/SJ
 Sample : H3630-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	1.69	119.5	ng	6387470	1	6.81	1068690	20.0
2-Pentanone, 4-hy...	5.00	11.8	ng	629204	1	6.81	1068690	20.0
unknown6.07	6.07	11.1	ng	590352	1	6.81	1068690	20.0
unknown6.58	6.58	82.4	ng	4405280	1	6.81	1068690	20.0
Naphthalene, deca...	7.75	15.4	ng	1304820	2	8.10	1690670	20.0
Undecane, 3,6-dim...	8.17	16.4	ng	1390570	2	8.10	1690670	20.0
Cyclohexane, (4-m...	8.40	10.8	ng	908408	2	8.10	1690670	20.0
Octane, 2,6-dimet...	8.54	14.9	ng	1255250	2	8.10	1690670	20.0
Naphthalene, 2,3-...	9.51	12.6	ng	903233	3	9.85	1433830	20.0
Tridecane, 5-propyl-	10.78	12.9	ng	619814	4	11.32	959206	20.0
Hexacosane	13.20	18.7	ng	555502	5	13.95	592729	20.0
Heptadecane, 9-oc...	13.81	36.5	ng	1080420	5	13.95	592729	20.0
Heptadecane, 3-me...	14.31	24.1	ng	713375	5	13.95	592729	20.0
28-Nor-17.beta.(H...	16.05	20.0	ng	1325990	6	15.37	1325990	20.0
28-Nor-17.alpha.(...	16.46	19.0	ng	1258710	6	15.37	1325990	20.0
6,10-Dimethyl-3-(...	17.82	11.4	ng	755913	6	15.37	1325990	20.0
Hop-22(29)-en-3.b...	18.06	12.2	ng	805745	6	15.37	1325990	20.0
5-Bromo-4-oxo-4,5...	19.22	24.8	ng	1643990	6	15.37	1325990	20.0