

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087438.D
 Acq On : 27 May 2016 10:12
 Operator : UM/SJ
 Sample : H3242-05 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-11(5.5-6)

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-BF052316.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	1.644	3	5	54	rVB	2767668	6967536	100.00%	17.031%
2	5.302	322	325	330	rVB	38052	72112	1.03%	0.176%
3	5.473	337	340	344	rBV3	62381	175330	2.52%	0.429%
4	5.804	366	369	374	rBV	294551	420579	6.04%	1.028%
5	6.182	400	402	406	rVB	54401	75005	1.08%	0.183%
6	6.273	406	410	411	rBV2	32974	74801	1.07%	0.183%
7	6.342	414	416	420	rVB	89382	136589	1.96%	0.334%
8	6.422	420	423	427	rBV2	37525	93270	1.34%	0.228%
9	6.650	440	443	447	rVB	82279	140727	2.02%	0.344%
10	6.719	447	449	450	rBV	91056	117268	1.68%	0.287%
11	6.753	450	452	454	rVV	185549	231583	3.32%	0.566%
12	6.799	454	456	462	rVB	193884	349555	5.02%	0.854%
13	6.890	462	464	467	rBV	180718	292518	4.20%	0.715%
14	7.096	479	482	486	rBV2	121367	301466	4.33%	0.737%
15	7.187	488	490	497	rVB	130241	268599	3.86%	0.657%
16	7.302	497	500	504	rVB	849712	1215499	17.45%	2.971%
17	7.507	516	518	522	rBV2	501457	775870	11.14%	1.896%
18	7.576	522	524	527	rVB	102937	149262	2.14%	0.365%
19	7.645	527	530	533	rVB2	60382	126686	1.82%	0.310%
20	7.747	536	539	542	rBV2	258766	452535	6.49%	1.106%
21	7.930	553	555	557	rVV	47705	74419	1.07%	0.182%
22	8.010	557	562	564	rVV	186094	270176	3.88%	0.660%
23	8.056	564	566	568	rVV	204361	253861	3.64%	0.621%
24	8.113	568	571	574	rVB	224513	383275	5.50%	0.937%
25	8.182	574	577	581	rBV	203071	289157	4.15%	0.707%
26	8.388	592	595	598	rBV	130418	190571	2.74%	0.466%
27	8.456	598	601	605	rVV2	71731	179418	2.58%	0.439%
28	8.525	605	607	610	rVV	729317	1115009	16.00%	2.725%
29	8.616	613	615	618	rVV2	59696	116000	1.66%	0.284%
30	8.696	619	622	626	rVV3	76451	174200	2.50%	0.426%
31	8.765	626	628	629	rVV	190356	271876	3.90%	0.665%
32	8.799	629	631	639	rVB	253593	460559	6.61%	1.126%
33	8.959	642	645	647	rVV2	70359	150695	2.16%	0.368%
34	9.005	647	649	650	rVV2	49583	75806	1.09%	0.185%

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 E-11(5.5-6)

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-BF052316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.050	650	653	656	rVV2	102256	210379	3.02%	0.514%
36	9.153	656	662	666	rVV4	251420	894767	12.84%	2.187%
37	9.233	666	669	672	rVV	298215	445923	6.40%	1.090%
38	9.302	672	675	678	rVV3	236416	388899	5.58%	0.951%
39	9.382	680	682	686	rVB	139703	219777	3.15%	0.537%
40	9.542	693	696	697	rBV	680287	806047	11.57%	1.970%
41	9.576	697	699	700	rVV	376951	533248	7.65%	1.303%
42	9.611	700	702	708	rVB2	989172	1636767	23.49%	4.001%
43	9.736	711	713	716	rVB	261262	353134	5.07%	0.863%
44	9.782	716	717	719	rBV	54107	69946	1.00%	0.171%
45	9.816	719	720	723	rVB3	74140	115786	1.66%	0.283%
46	9.896	723	727	729	rBV2	107153	163345	2.34%	0.399%
47	10.011	735	737	740	rVB2	115153	171194	2.46%	0.418%
48	10.068	740	742	745	rBV2	116322	193060	2.77%	0.472%
49	10.148	745	749	751	rBV2	248028	520891	7.48%	1.273%
50	10.205	751	754	756	rBV	188745	261943	3.76%	0.640%
51	10.251	756	758	762	rVB	313325	431105	6.19%	1.054%
52	10.319	762	764	766	rBV	384956	529472	7.60%	1.294%
53	10.479	775	778	780	rBV2	38378	82716	1.19%	0.202%
54	10.605	786	789	792	rVV	1686527	2035669	29.22%	4.976%
55	10.708	795	798	801	rVV2	186926	394467	5.66%	0.964%
56	10.754	801	802	805	rVV2	125059	183760	2.64%	0.449%
57	10.868	810	812	814	rBV2	83070	130363	1.87%	0.319%
58	11.062	827	829	834	rVV2	243788	489647	7.03%	1.197%
59	11.142	834	836	838	rVV	137452	167460	2.40%	0.409%
60	11.199	838	841	844	rVV	185344	255847	3.67%	0.625%
61	11.256	844	846	848	rVV	169864	211302	3.03%	0.516%
62	11.314	848	851	856	rVB2	224601	462574	6.64%	1.131%
63	11.519	864	869	872	rBV	512542	760105	10.91%	1.858%
64	12.365	940	943	946	rBV	689261	933619	13.40%	2.282%
65	12.422	946	948	954	rVB	156687	250587	3.60%	0.613%
66	12.719	972	974	980	rBV	76407	155446	2.23%	0.380%
67	13.268	1020	1022	1028	rBV	138999	191271	2.75%	0.468%
68	13.680	1055	1058	1063	rBV	74502	165172	2.37%	0.404%
69	14.765	1150	1153	1155	rBV	637672	811419	11.65%	1.983%
70	14.800	1155	1156	1162	rVV	915410	1246093	17.88%	3.046%
71	14.902	1162	1165	1171	rVV	188631	330575	4.74%	0.808%

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Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.211	1187	1192	1196	rBV2	57976	134189	1.93%	0.328%
73	15.565	1221	1223	1226	rBV	70550	104789	1.50%	0.256%
74	15.611	1226	1227	1231	rVV	93622	122242	1.75%	0.299%
75	15.714	1231	1236	1239	rVV3	103802	223621	3.21%	0.547%
76	16.023	1261	1263	1268	rVB	53399	91742	1.32%	0.224%
77	16.571	1309	1311	1318	rVV	732612	1022691	14.68%	2.500%
78	16.868	1335	1337	1343	rVV	722933	1005942	14.44%	2.459%
79	16.960	1343	1345	1350	rVB3	36325	71128	1.02%	0.174%
80	17.120	1357	1359	1363	rVV	191107	258465	3.71%	0.632%
81	17.211	1363	1367	1369	rVV2	31282	70199	1.01%	0.172%
82	17.348	1377	1379	1382	rVB	69937	98315	1.41%	0.240%
83	17.440	1384	1387	1389	rBV	58373	80332	1.15%	0.196%
84	17.486	1389	1391	1394	rBV3	65987	122169	1.75%	0.299%
85	17.668	1403	1407	1413	rVB4	30084	104026	1.49%	0.254%
86	17.897	1425	1427	1429	rBV	52337	78109	1.12%	0.191%
87	18.183	1447	1452	1454	rBV2	54796	135683	1.95%	0.332%
88	18.457	1474	1476	1479	rBV2	656810	1137522	16.33%	2.780%
89	18.503	1479	1480	1486	rVV2	249790	398155	5.71%	0.973%
90	18.606	1486	1489	1494	rVV	53238	109084	1.57%	0.267%
91	19.737	1586	1588	1590	rBV	267336	383397	5.50%	0.937%
92	19.863	1597	1599	1604	rBV2	59940	135538	1.95%	0.331%
93	20.034	1612	1614	1617	rBV	148163	235624	3.38%	0.576%
94	20.092	1617	1619	1622	rVV	242373	321389	4.61%	0.786%
95	20.137	1622	1623	1628	rVV	438920	572828	8.22%	1.400%
96	21.395	1731	1733	1737	rBV	66549	137360	1.97%	0.336%
97	21.760	1763	1765	1771	rVB	50848	111479	1.60%	0.272%

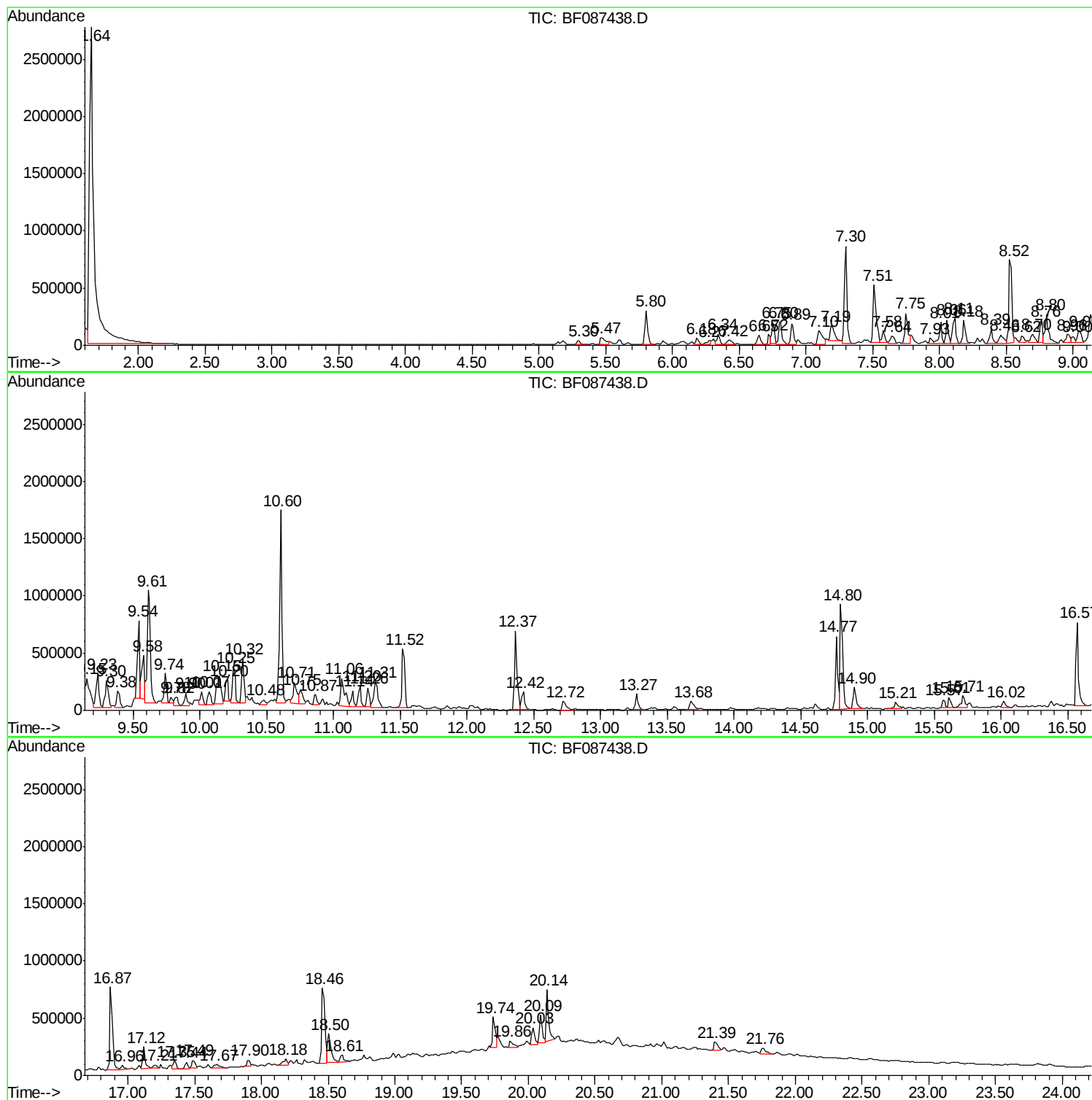
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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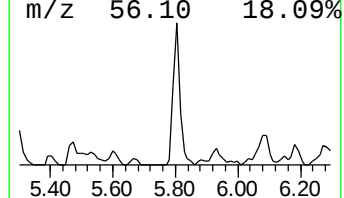
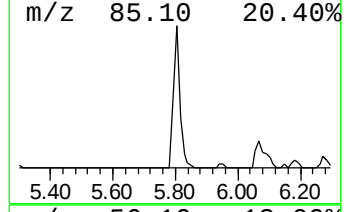
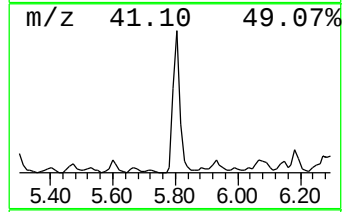
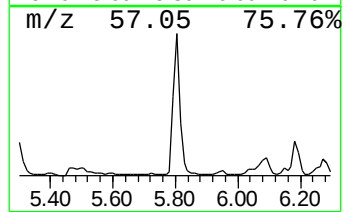
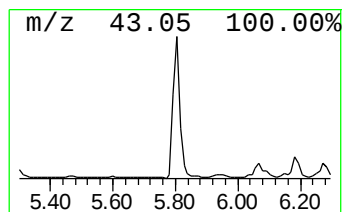
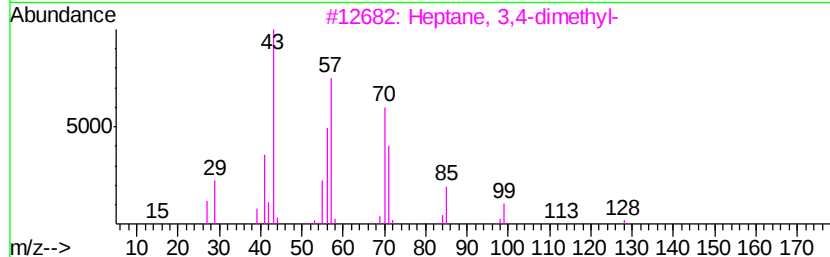
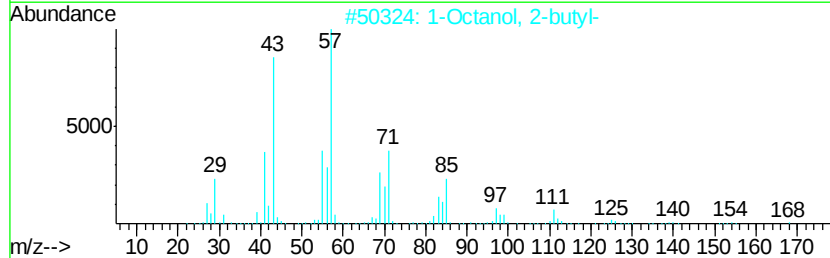
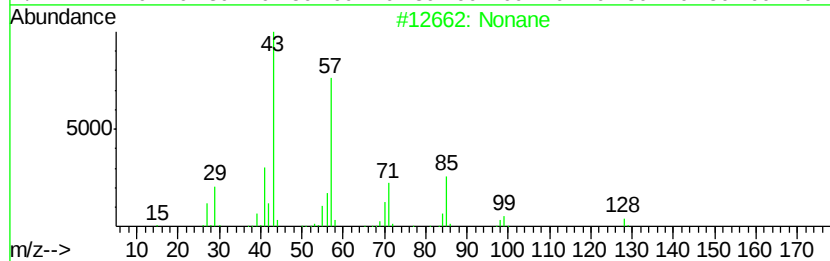
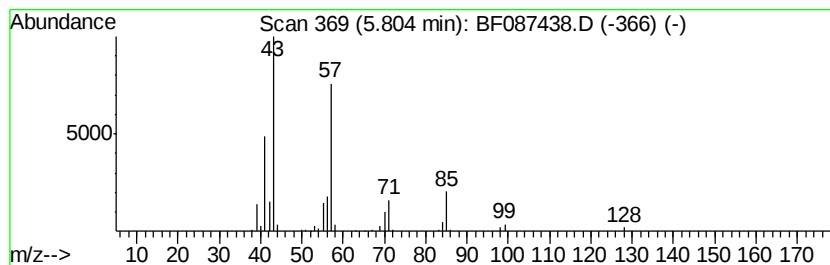
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	10.84 ng	420579	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	83
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50
4		Octane, 4-methyl-	128	C9H20	002216-34-4	50
5		Decane, 2-methyl-	156	C11H24	006975-98-0	50



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ALS Vial : 37 Sample Multiplier: 1

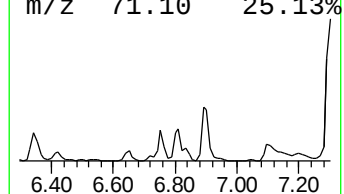
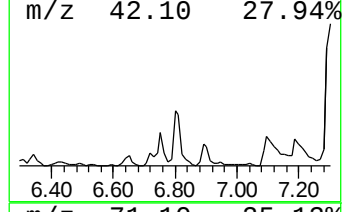
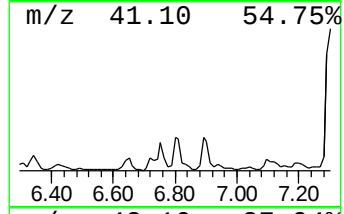
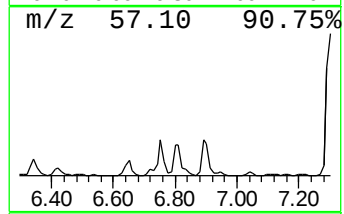
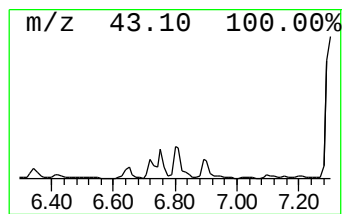
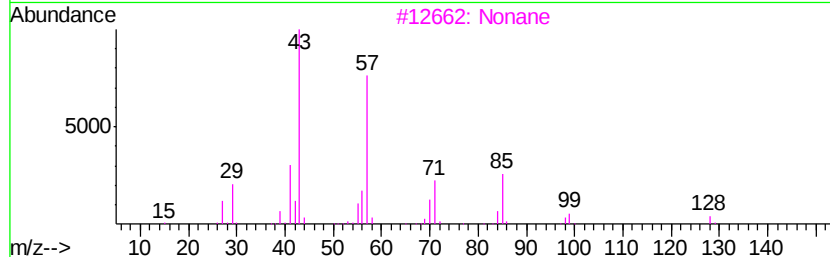
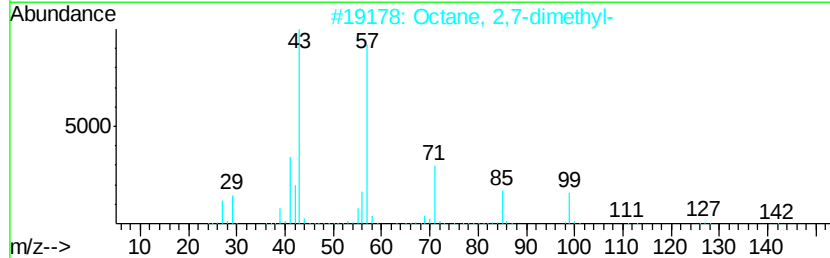
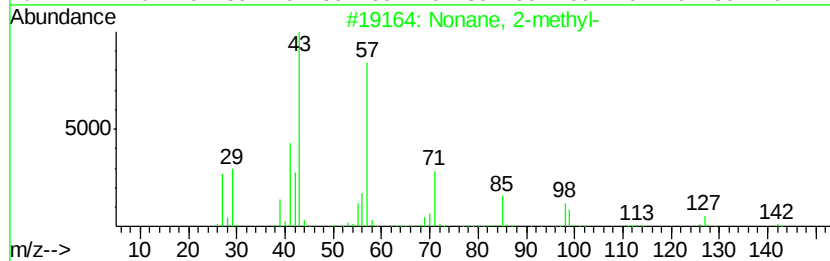
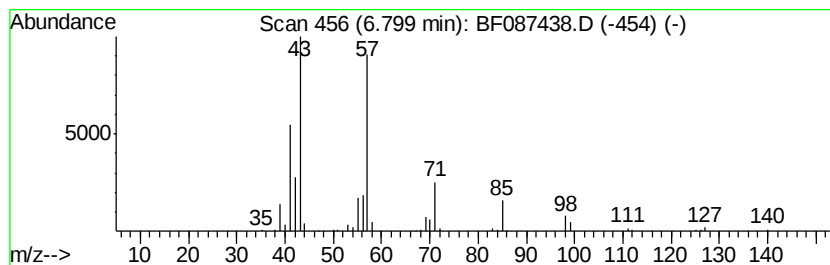
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.80	9.01 ng	349555	1,4-Dichlorobenzene-d4	7.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3	Nonane	128	C9H20	000111-84-2	64
4	Octane, 2-methyl-	128	C9H20	003221-61-2	59
5	Hexadecane	226	C16H34	000544-76-3	50



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Instrument :
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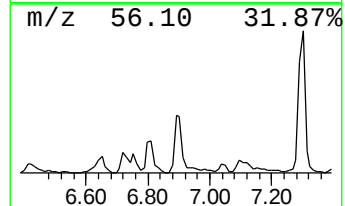
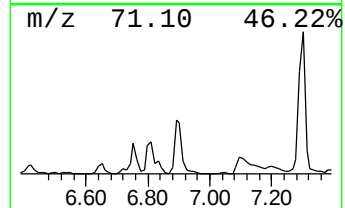
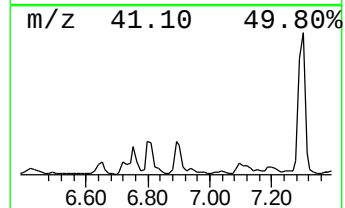
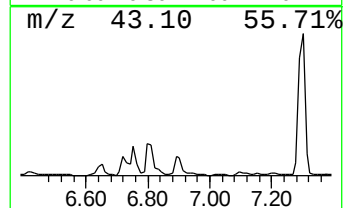
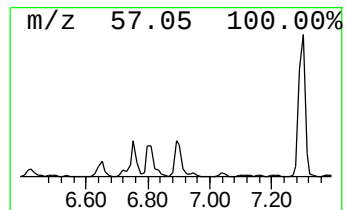
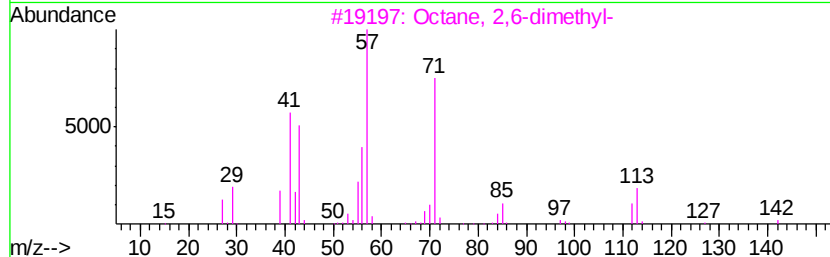
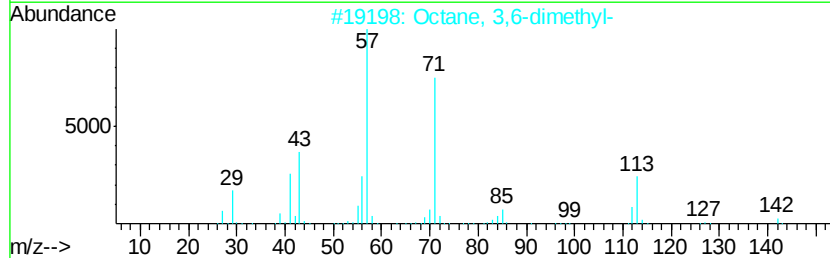
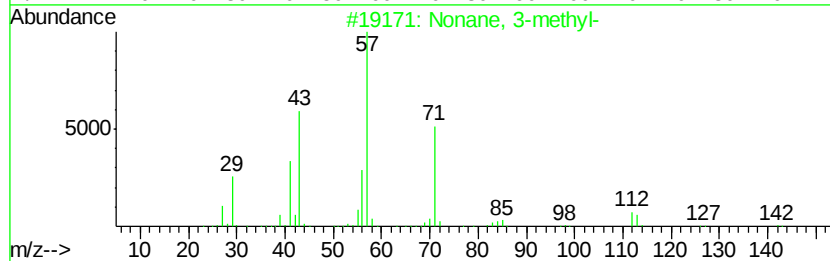
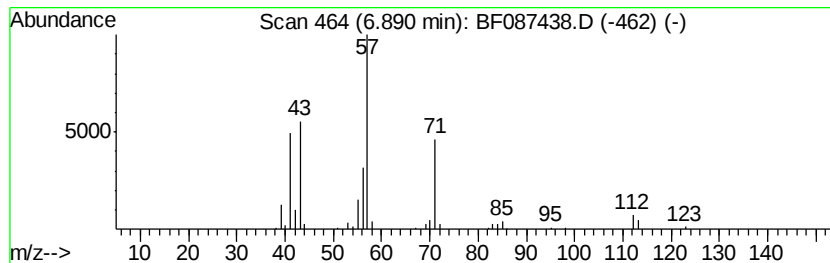
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	7.54 ng	292518	1,4-Dichlorobenzene-d4	7.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	83
2	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	83
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	64
4	Sulfurous acid, butyl 2-ethylhex...		250	C12H26O3S	1000309-18-8	59
5	Decane, 4-methyl-		156	C11H24	002847-72-5	59



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ClientSampleId :
E-11(5.5-6)

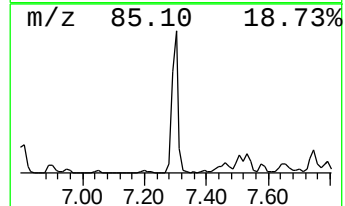
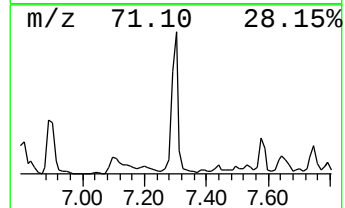
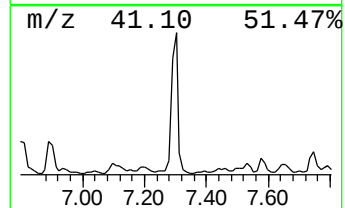
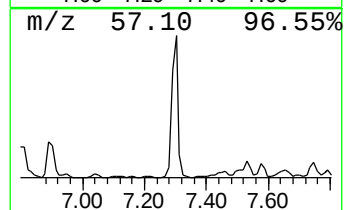
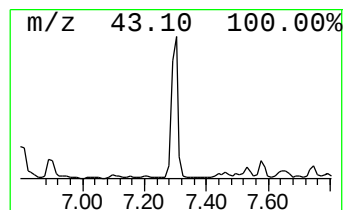
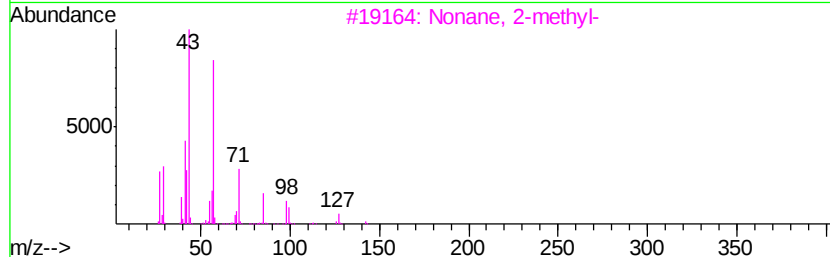
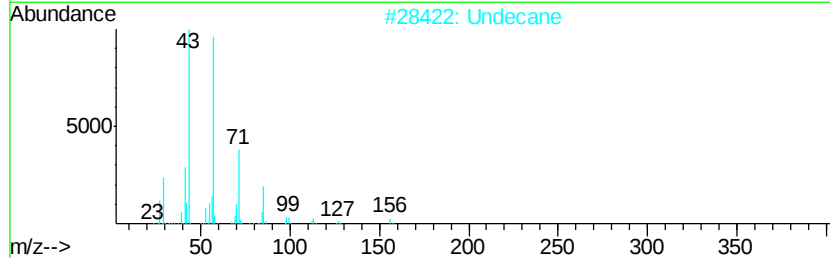
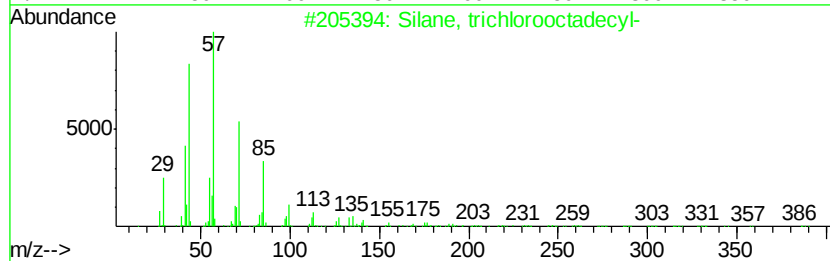
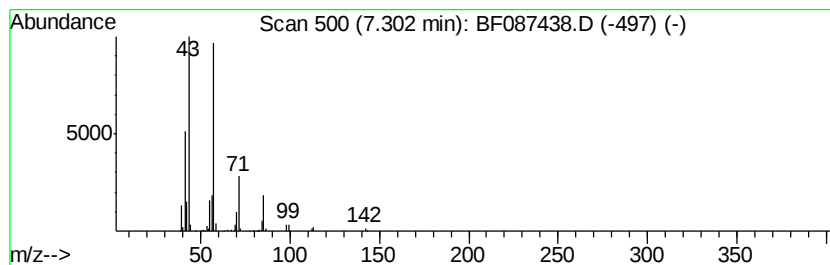
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Silane, trichlorooctadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	31.33 ng	1215500	1,4-Dichlorobenzene-d4	7.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
2		Undecane	156	C11H24	001120-21-4	83
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	80
4		Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
Sample : H3242-05 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E-11(5.5-6)

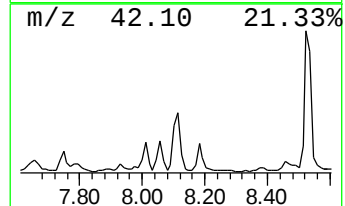
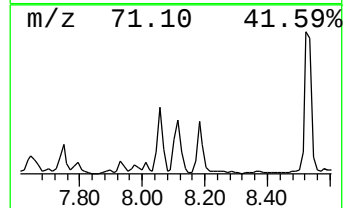
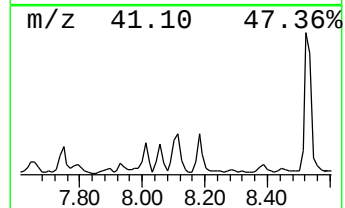
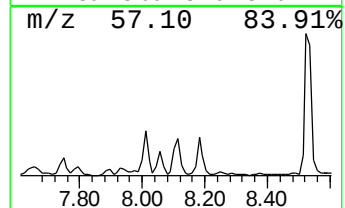
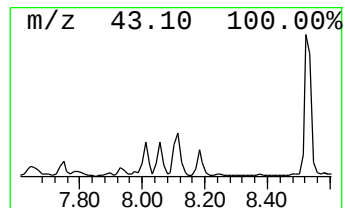
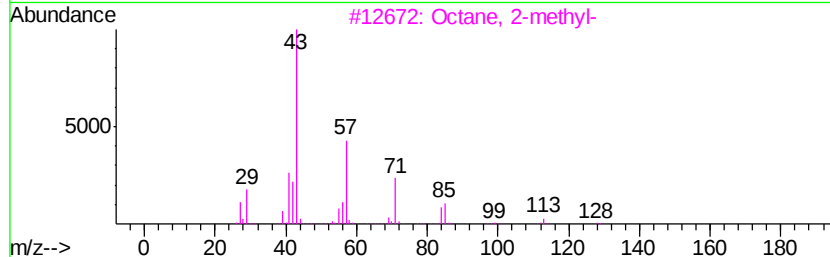
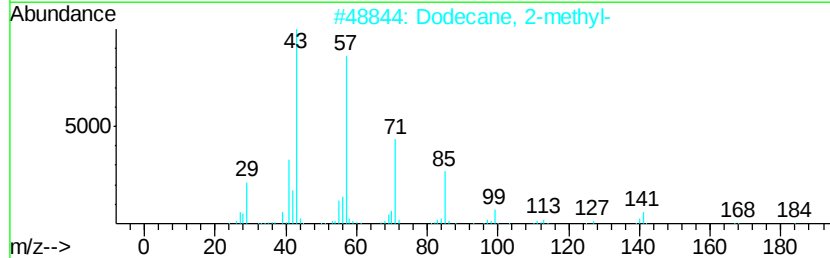
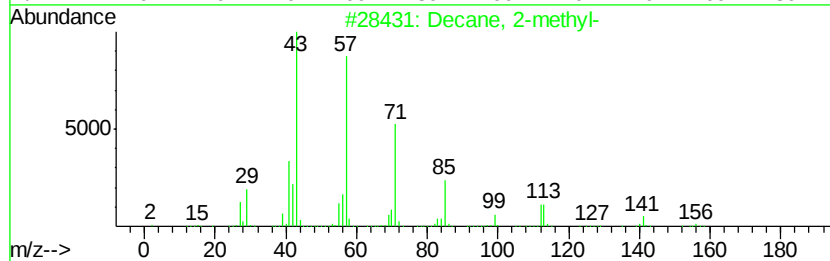
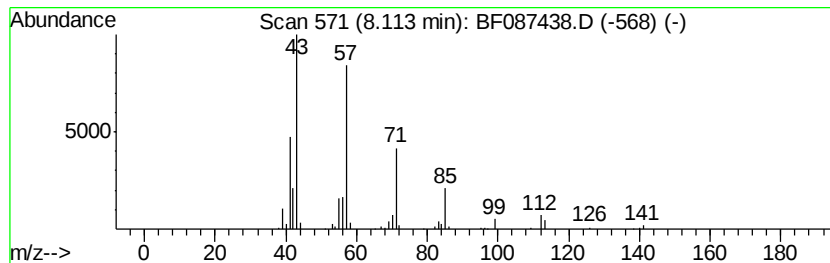
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	9.88 ng	383275	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	83
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
Sample : H3242-05 10X
Misc :
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Instrument :
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ClientSampleId :
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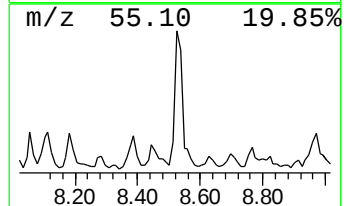
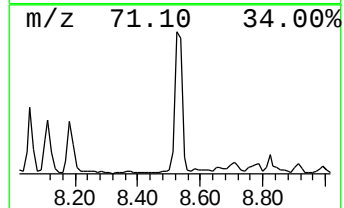
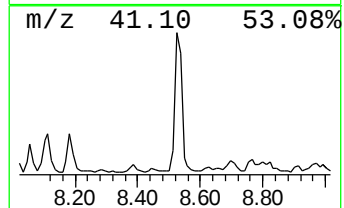
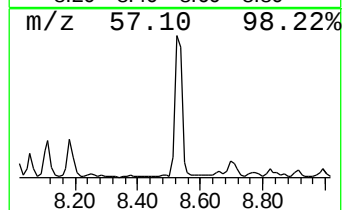
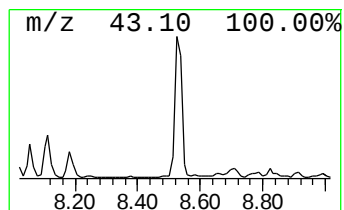
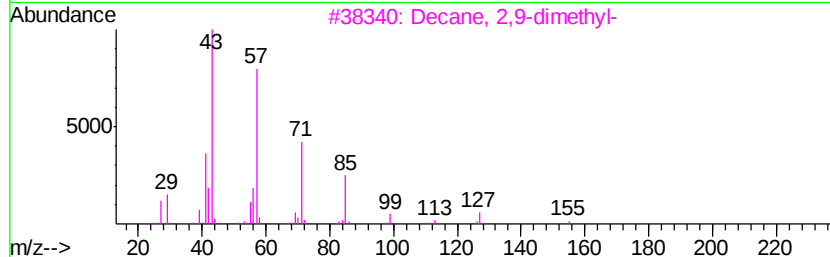
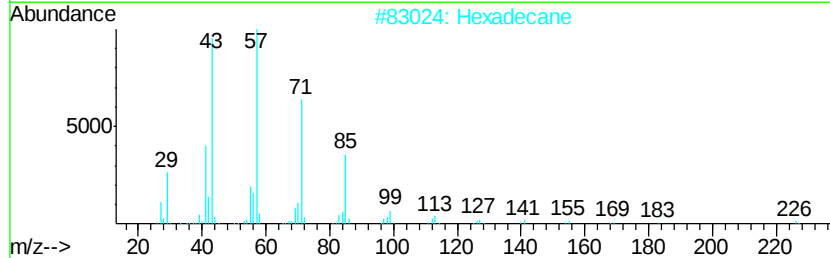
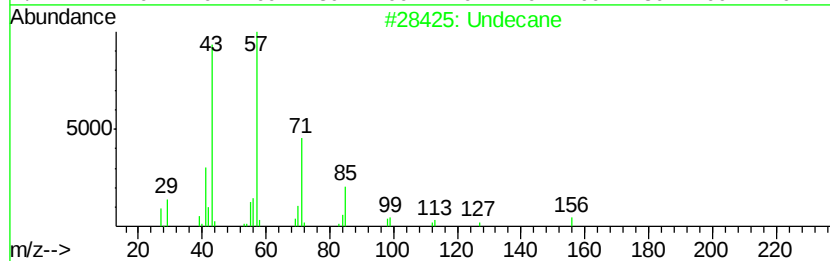
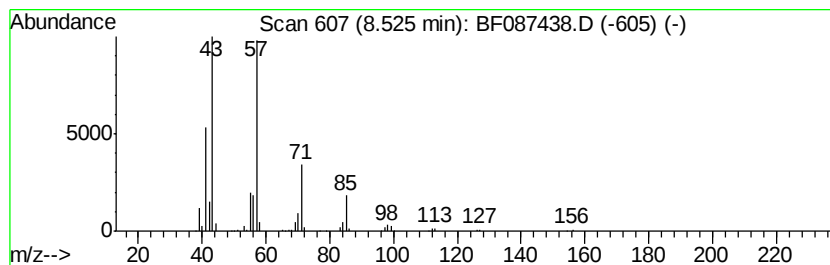
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	28.74 ng	1115010	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
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Misc :
ALS Vial : 37 Sample Multiplier: 1

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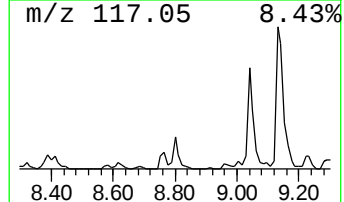
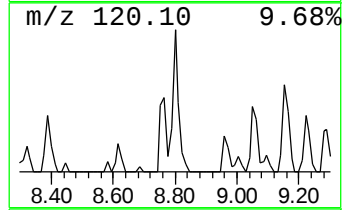
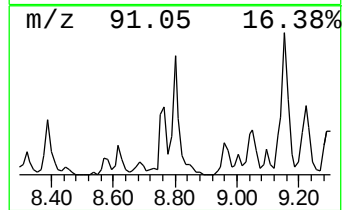
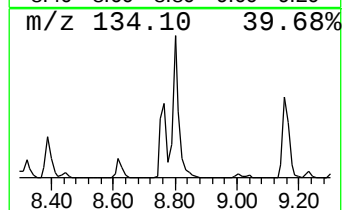
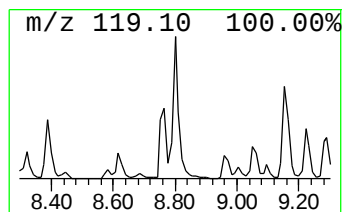
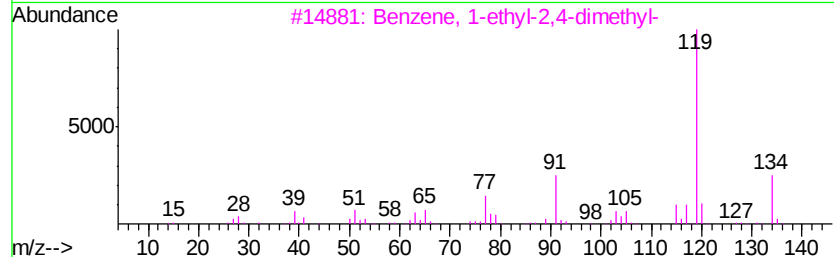
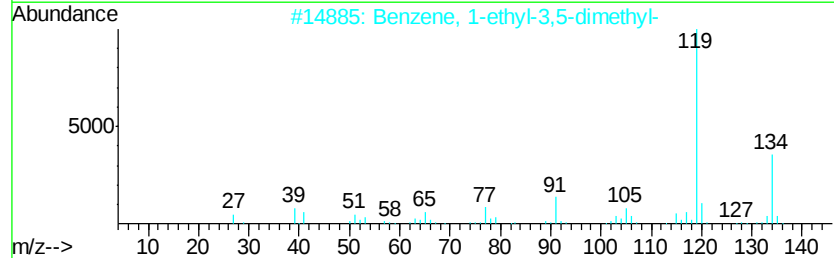
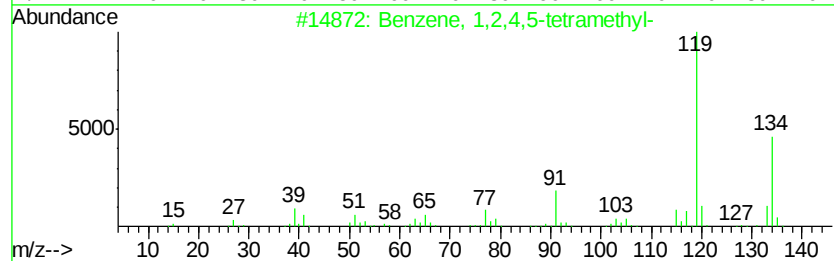
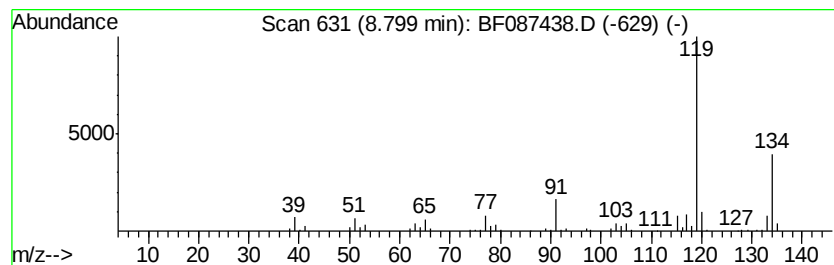
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	11.43 ng	460559	Napthalene-d8	9.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
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Acq On : 27 May 2016 10:12
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Instrument :
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ClientSampleId :
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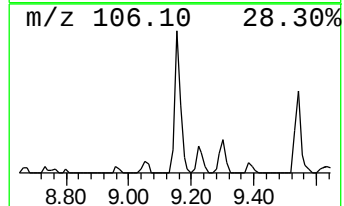
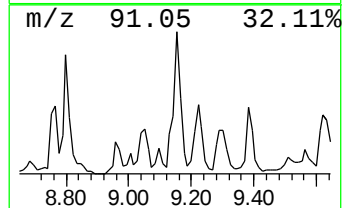
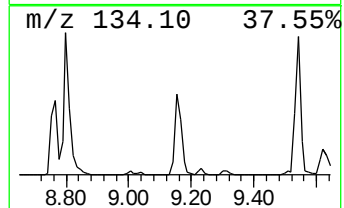
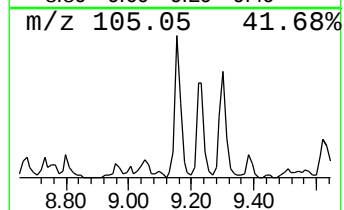
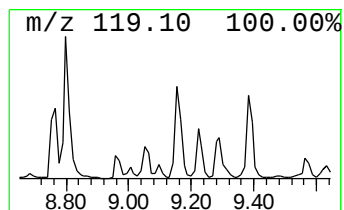
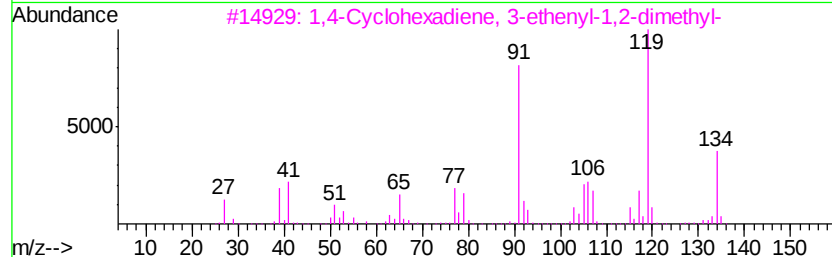
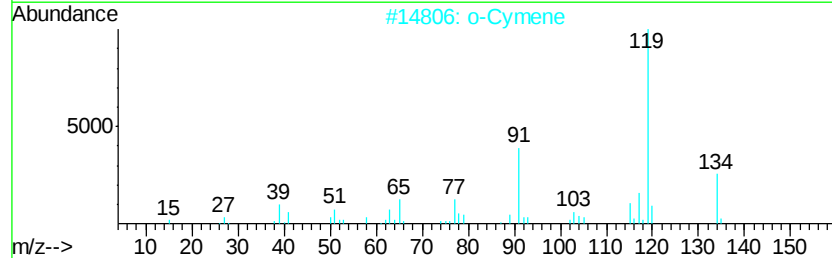
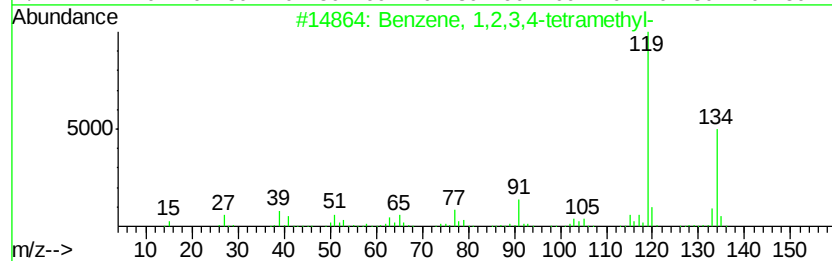
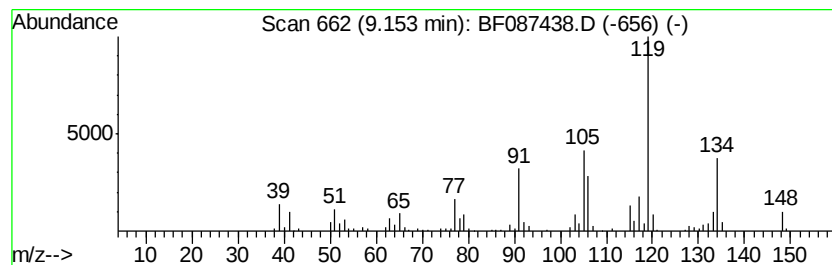
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	22.20 ng	894767	Naphthalene-d8	9.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2		o-Cymene	134	C10H14	000527-84-4	86
3		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	83
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
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Operator : UM/SJ
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E-11(5.5-6)

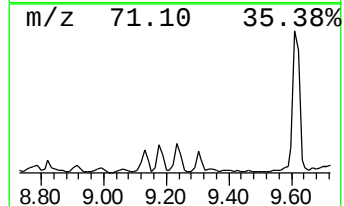
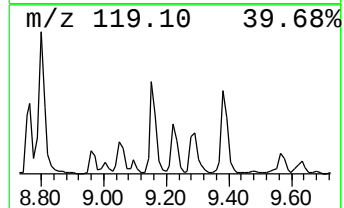
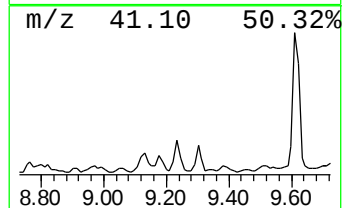
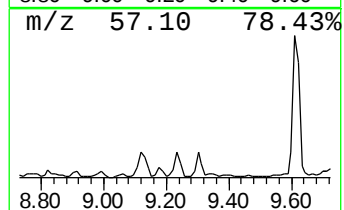
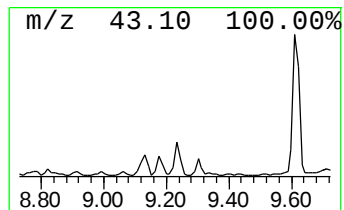
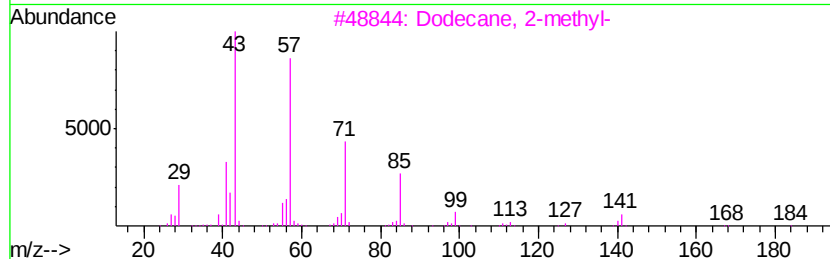
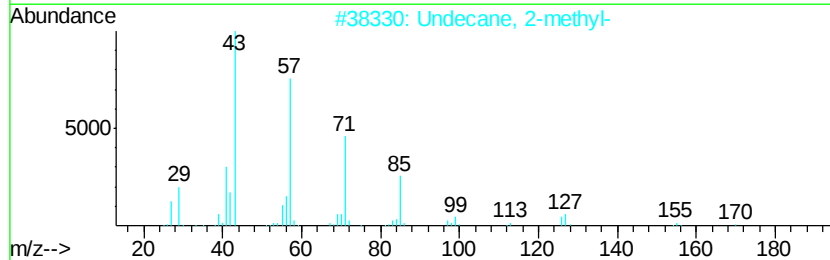
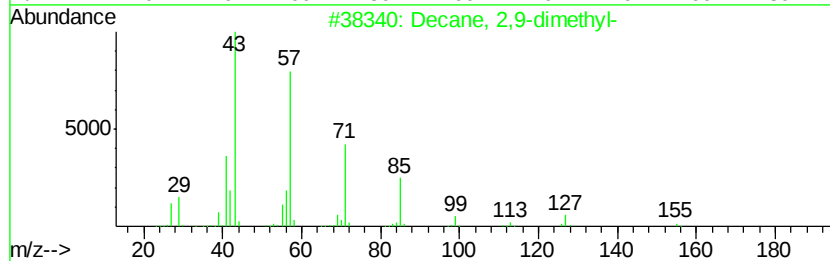
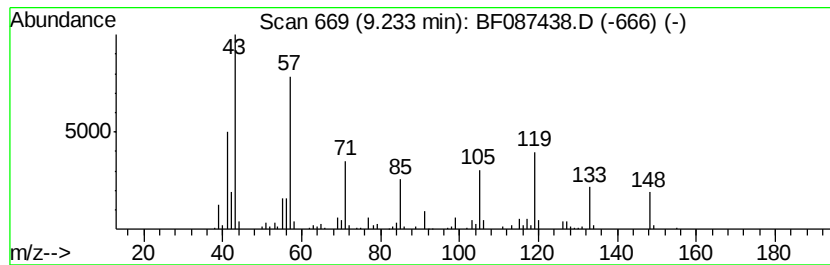
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	11.06 ng	445923	Napthalene-d8	9.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	35
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	27
4		Decane	142	C10H22	000124-18-5	22
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
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Misc :
ALS Vial : 37 Sample Multiplier: 1

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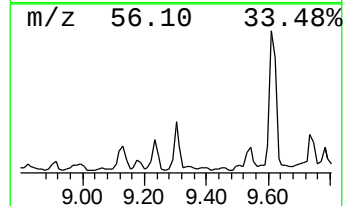
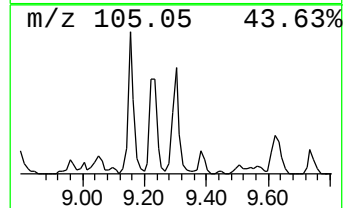
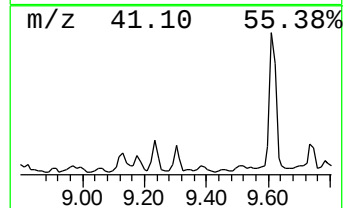
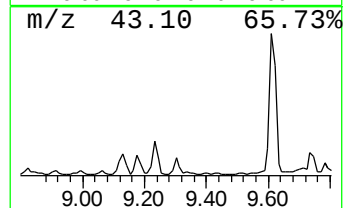
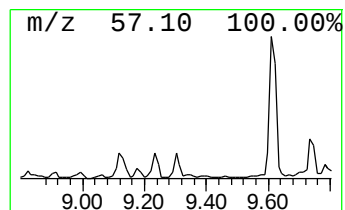
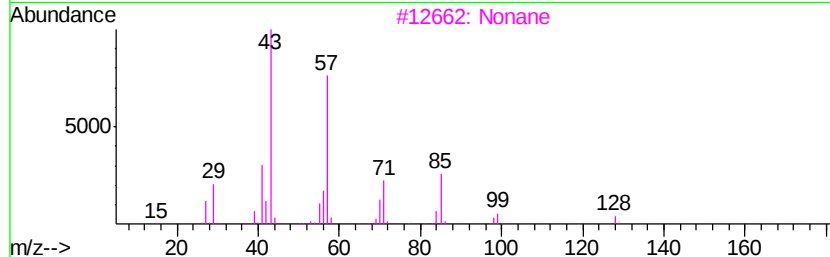
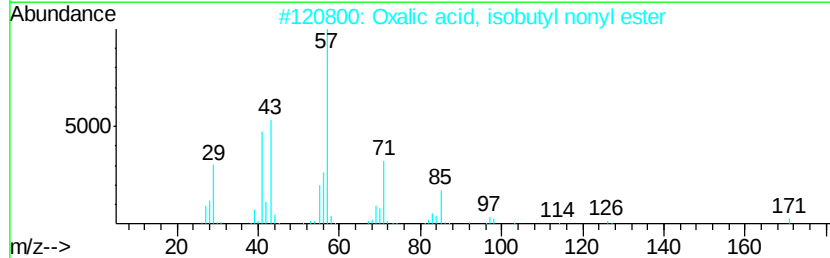
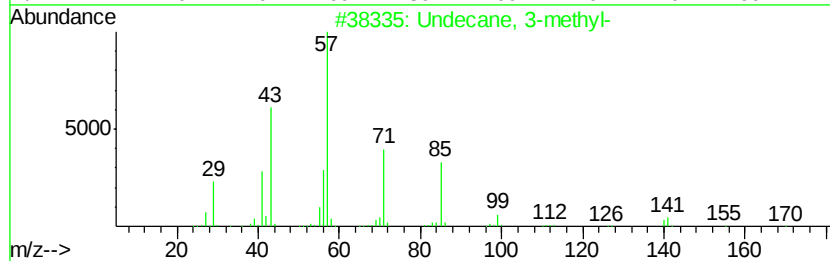
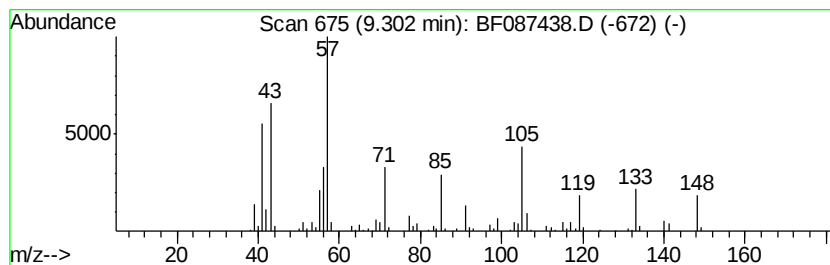
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	9.65 ng	388899	Naphthalene-d8	9.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	52
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
3			Nonane	128	C9H20	000111-84-2	38
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	35
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
Sample : H3242-05 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampled :
E-11(5.5-6)

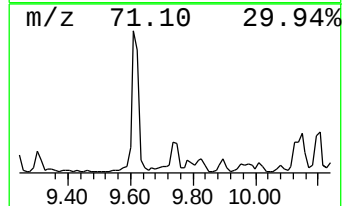
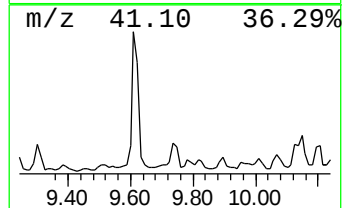
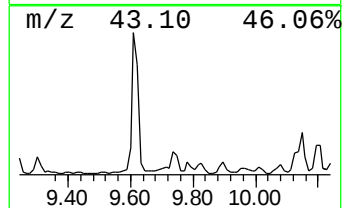
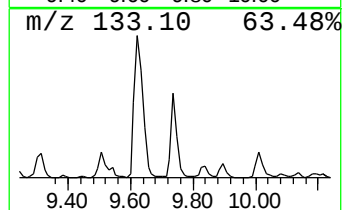
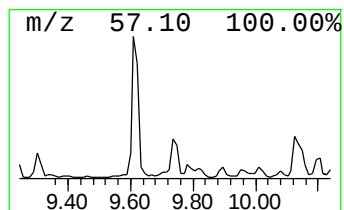
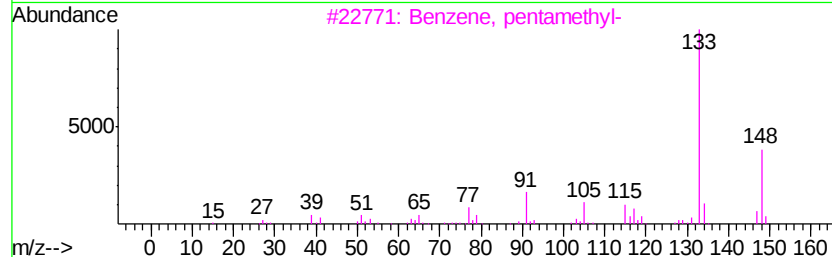
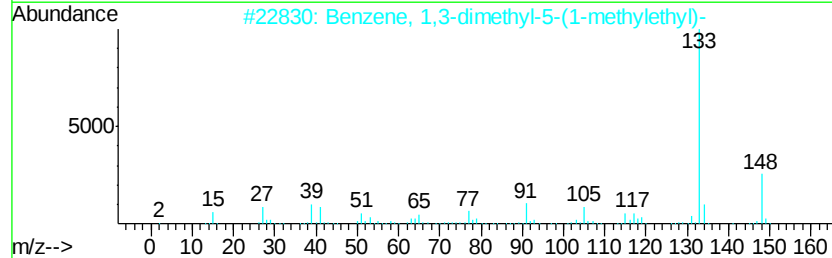
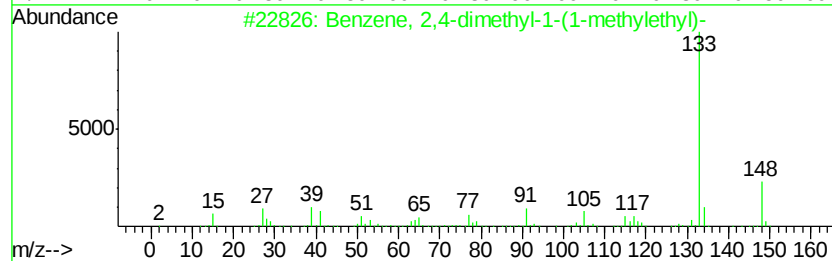
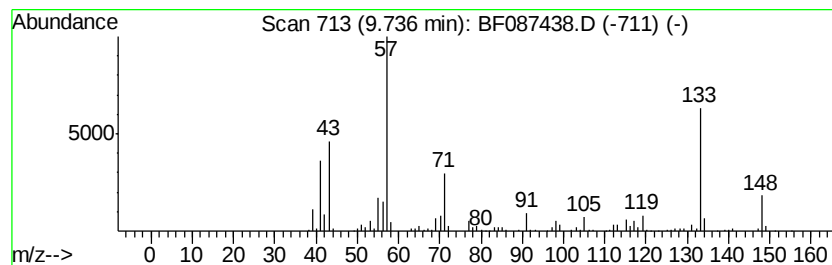
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	8.76 ng	353134	Napthalene-d8	9.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	87
2			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	55
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	55
4			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49
5			4-tert-Butyltoluene	148	C11H16	000098-51-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
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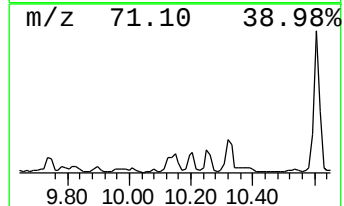
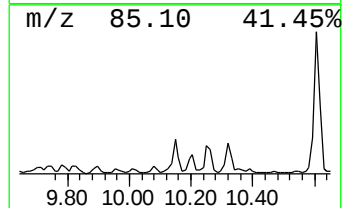
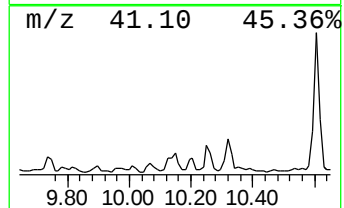
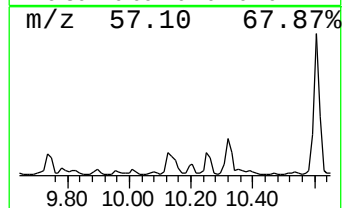
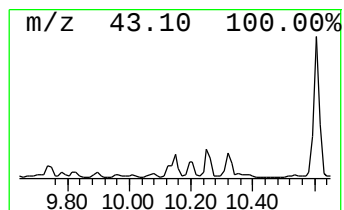
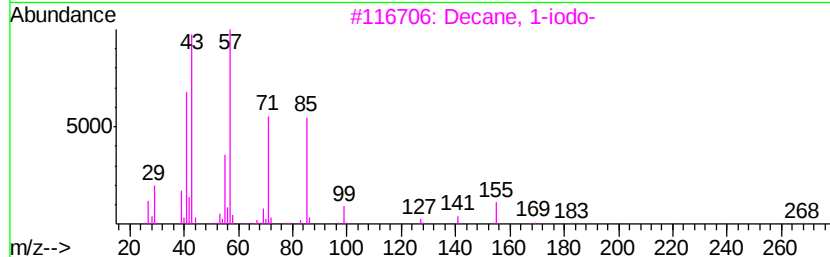
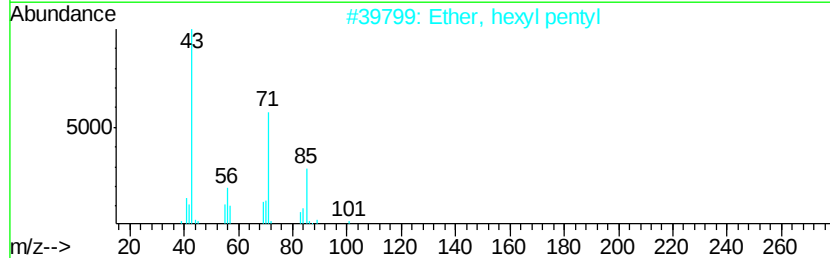
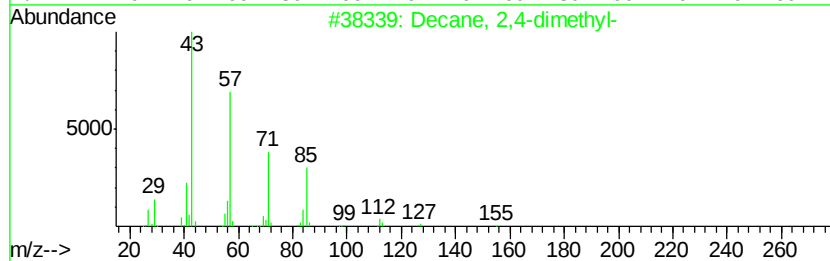
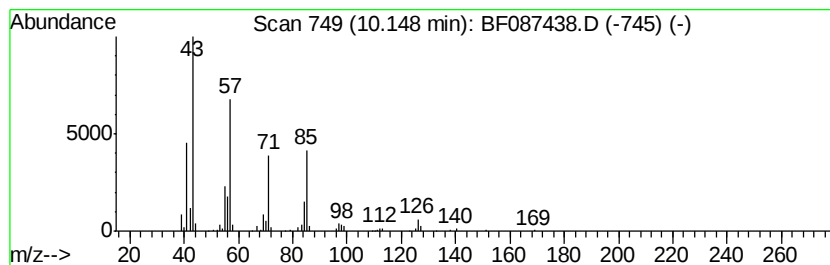
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	12.92 ng	520891	Naphthalene-d8	9.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	78
2		Ether, hexyl pentyl	172	C11H24O	032357-83-8	72
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	64
4		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	59
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
Sample : H3242-05 10X
Misc :
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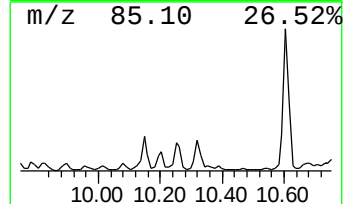
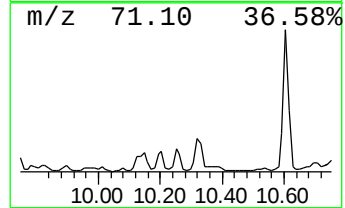
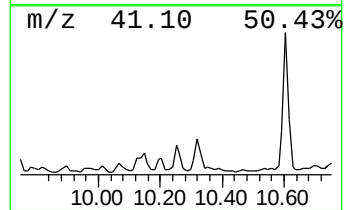
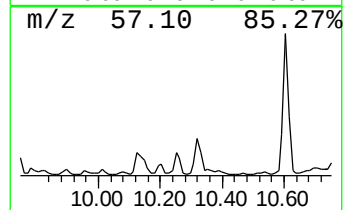
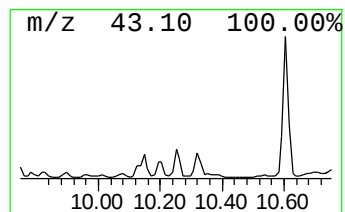
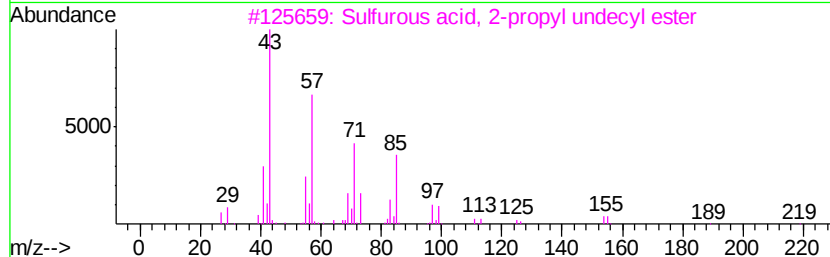
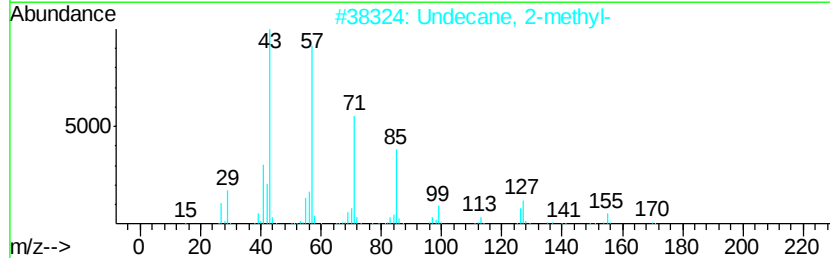
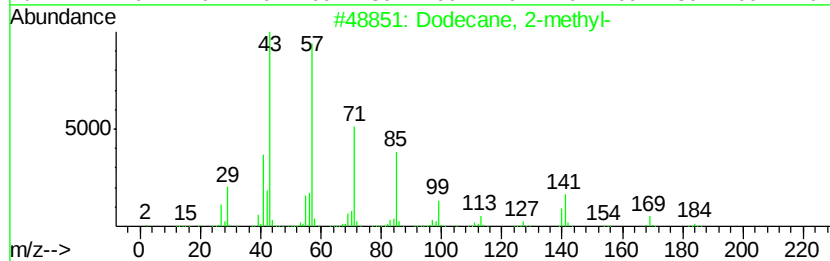
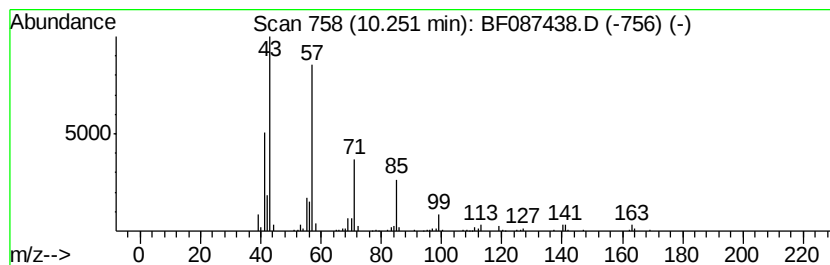
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.25	10.70 ng	431105	Napthalene-d8	9.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	78
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	78
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
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Sample : H3242-05 10X
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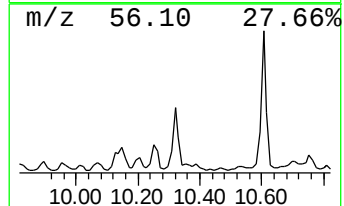
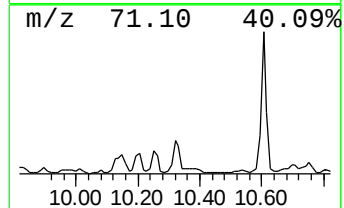
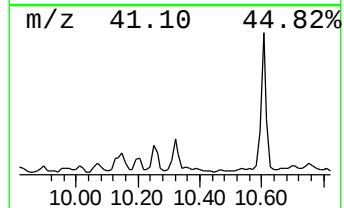
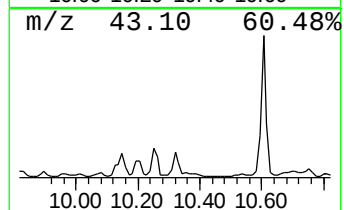
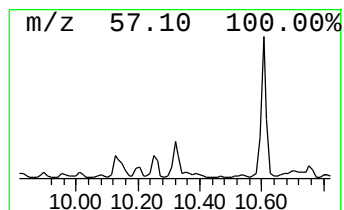
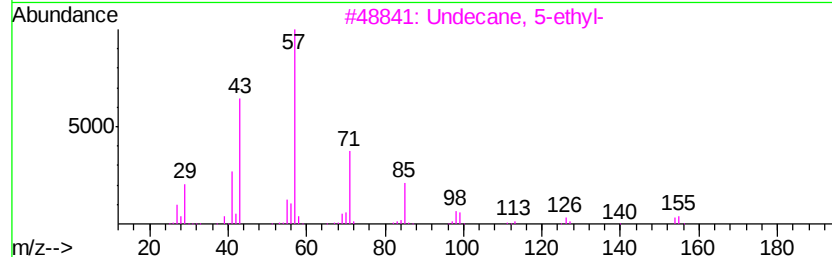
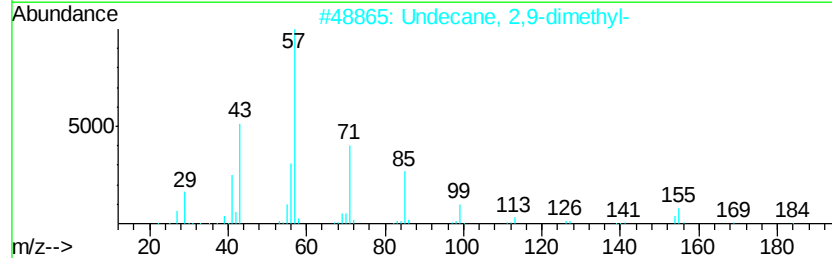
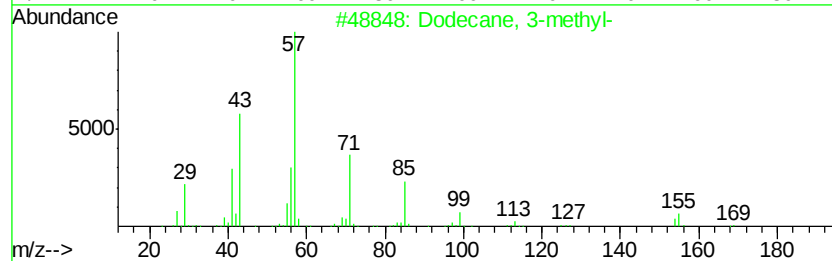
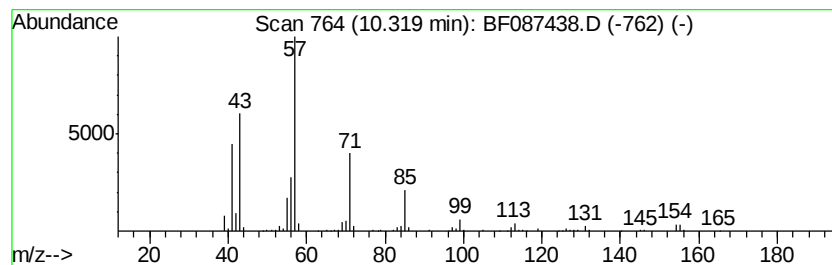
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	13.14 ng	529472	Napthalene-d8	9.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 3-methyl-	184 C13H28	017312-57-1	80
2	Undecane, 2,9-dimethyl-	184 C13H28	017301-26-7	72
3	Undecane, 5-ethyl-	184 C13H28	017453-94-0	59
4	Octane, 2,7-dimethyl-	142 C10H22	001072-16-8	59
5	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
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Sample : H3242-05 10X
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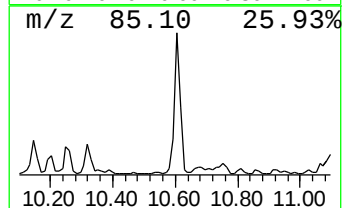
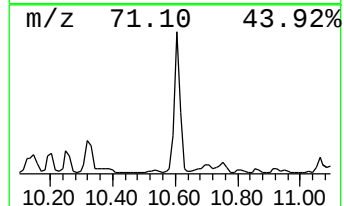
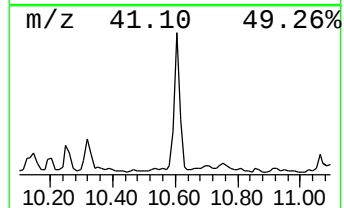
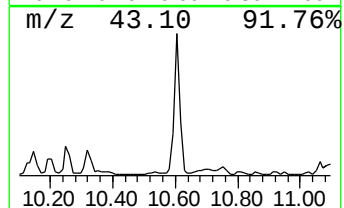
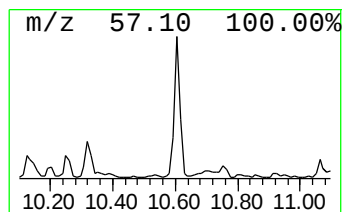
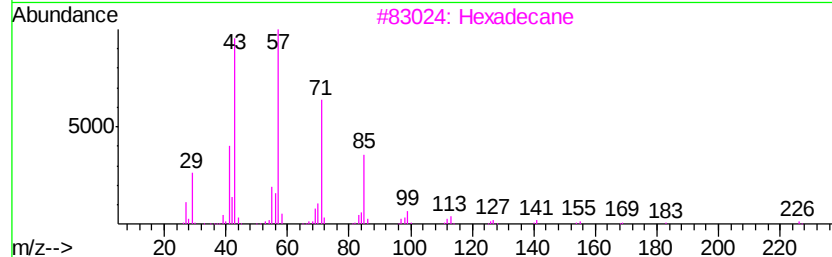
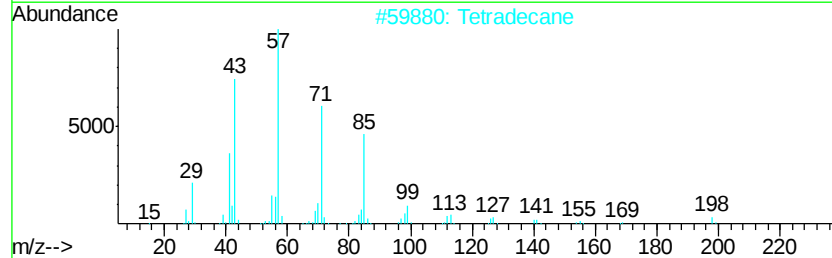
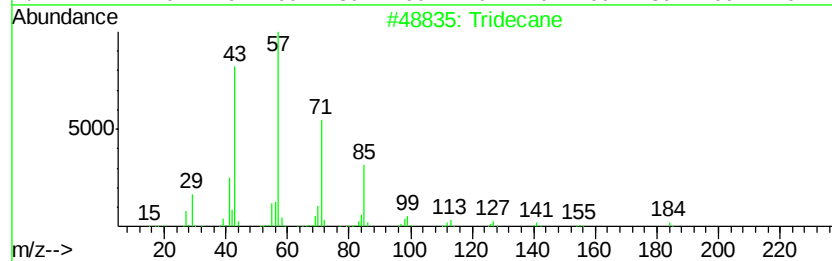
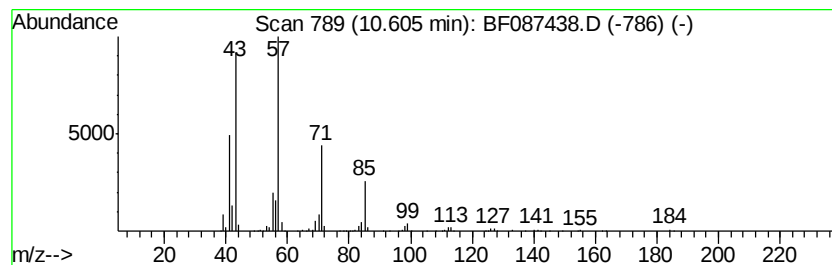
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	50.51 ng	2035670	Napthalene-d8	9.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane	170	C12H26	000112-40-3	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
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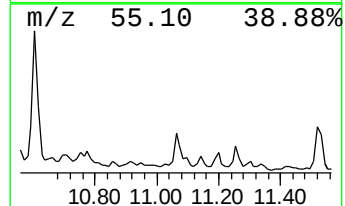
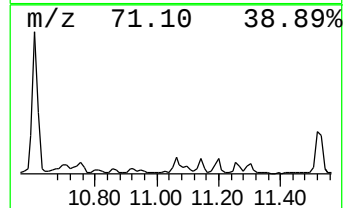
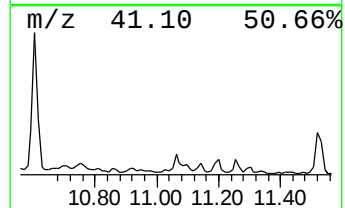
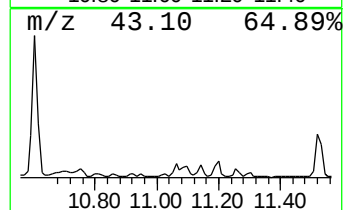
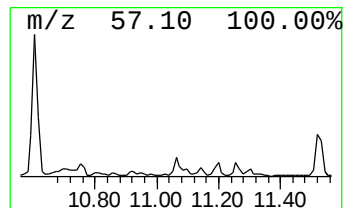
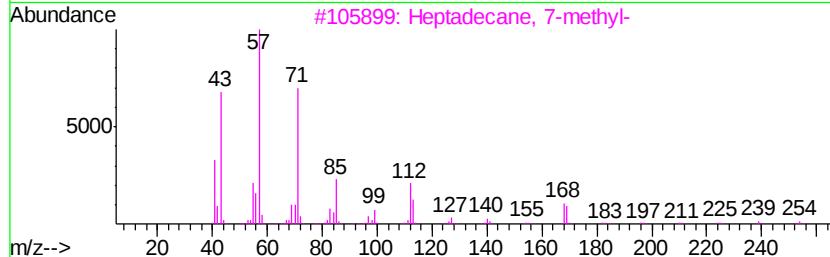
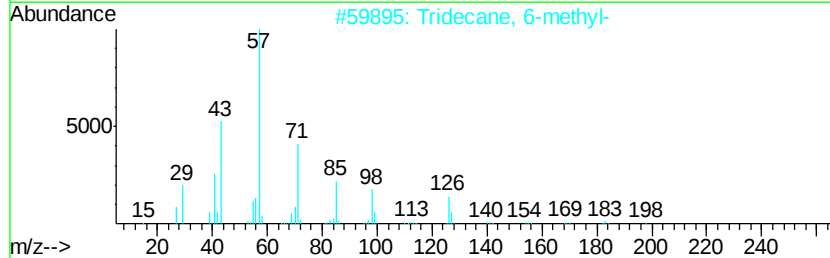
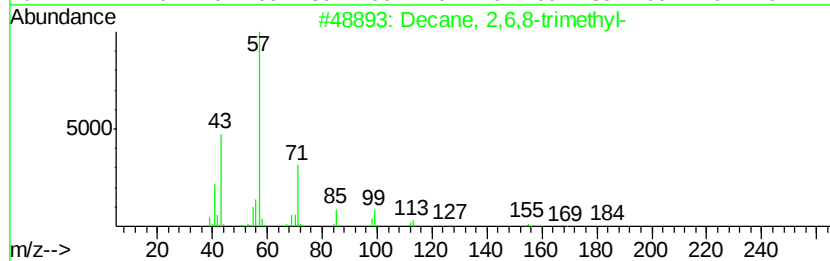
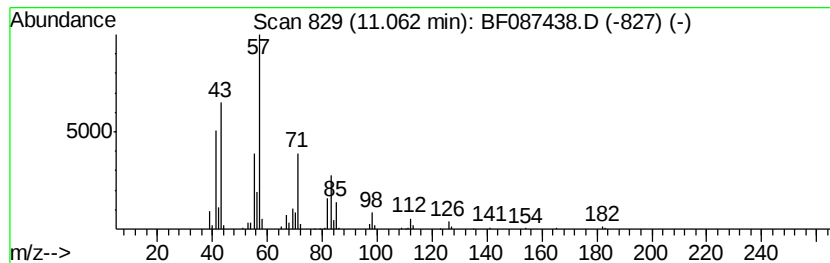
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 2,6,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	10.49 ng	489647	Acenaphthene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	50
4		Heneicosane	296	C21H44	000629-94-7	47
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087438.D
Acq On : 27 May 2016 10:12
Operator : UM/SJ
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E-11(5.5-6)

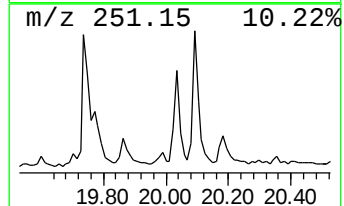
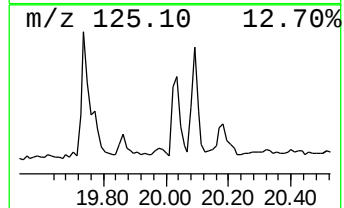
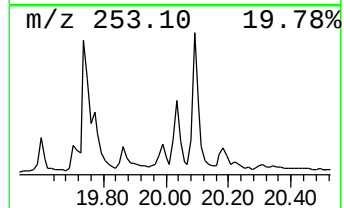
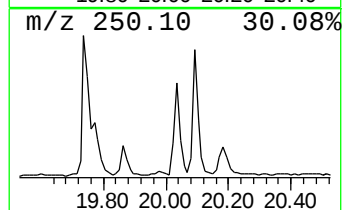
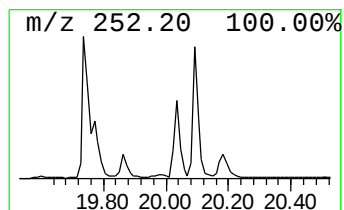
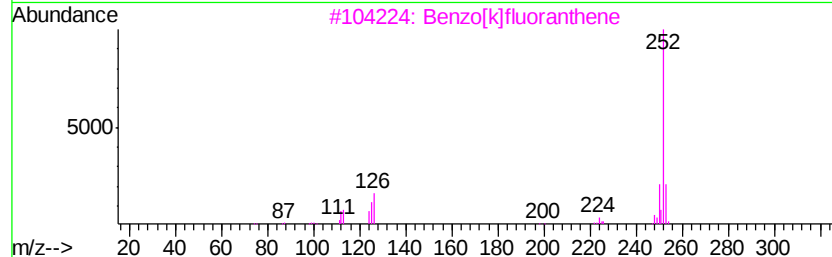
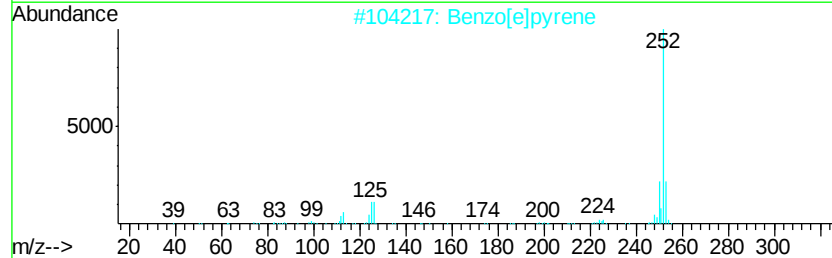
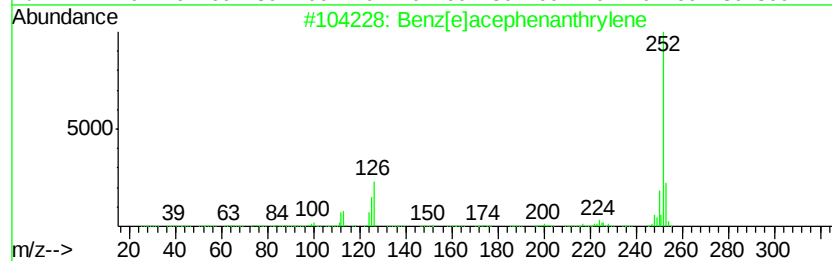
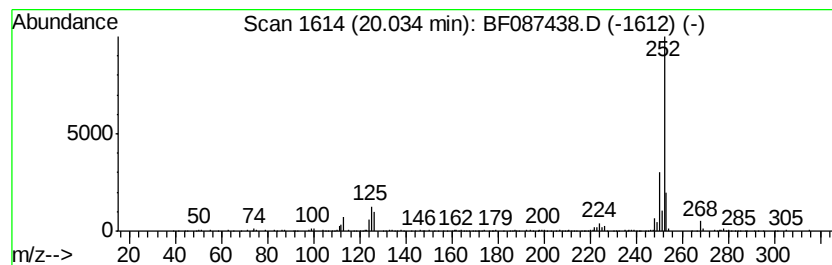
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benz[e]acephenanthrylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	8.23 ng	235624	Perylene-d12	20.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
2			Benzo[e]pyrene	252	C20H12	000192-97-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087438.D
 Acq On : 27 May 2016 10:12
 Operator : UM/SJ
 Sample : H3242-05 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-11(5.5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
Nonane	5.80	10.8	ng	420579	1	7.51	775870	20.0
Nonane, 2-methyl-	6.80	9.0	ng	349555	1	7.51	775870	20.0
Nonane, 3-methyl-	6.89	7.5	ng	292518	1	7.51	775870	20.0
Silane, trichloro...	7.30	31.3	ng	1215500	1	7.51	775870	20.0
Decane, 2-methyl-	8.11	9.9	ng	383275	1	7.51	775870	20.0
Undecane	8.52	28.7	ng	1115010	1	7.51	775870	20.0
Benzene, 1,2,4,5-...	8.80	11.4	ng	460559	2	9.54	806047	20.0
Benzene, 1,2,3,4-...	9.15	22.2	ng	894767	2	9.54	806047	20.0
unknown9.23	9.23	11.1	ng	445923	2	9.54	806047	20.0
Undecane, 3-methyl-	9.30	9.7	ng	388899	2	9.54	806047	20.0
Benzene, 2,4-dime...	9.74	8.8	ng	353134	2	9.54	806047	20.0
Decane, 2,4-dimet...	10.15	12.9	ng	520891	2	9.54	806047	20.0
Dodecane, 2-methyl-	10.25	10.7	ng	431105	2	9.54	806047	20.0
Dodecane, 3-methyl-	10.32	13.1	ng	529472	2	9.54	806047	20.0
Tridecane	10.60	50.5	ng	2035670	2	9.54	806047	20.0
Decane, 2,6,8-tri...	11.06	10.5	ng	489647	3	12.37	933619	20.0
Benz[e]acephenant...	20.03	8.2	ng	235624	6	20.14	572828	20.0