

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084272.D
 Acq On : 5 Jan 2016 8:16
 Operator : UM/SJ
 Sample : G4949-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(18.0-18.5)

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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.082	259	262	266	rBV	1643320	2124512	9.38%	0.406%
2	5.470	292	296	297	rBV	251923	281101	1.24%	0.054%
3	5.504	297	299	301	rVB	5558817	5694452	25.14%	1.087%
4	5.642	309	311	314	rBV	142558	247326	1.09%	0.047%
5	5.687	314	315	317	rVB	243838	240375	1.06%	0.046%
6	5.733	317	319	323	rVB2	198529	280881	1.24%	0.054%
7	5.904	331	334	336	rBV2	372138	562763	2.48%	0.107%
8	5.950	336	338	343	rBV3	245510	615546	2.72%	0.118%
9	6.030	343	345	348	rVB3	536950	882397	3.90%	0.169%
10	6.087	348	350	352	rBV	348675	525306	2.32%	0.100%
11	6.133	352	354	357	rVB	1951376	2089095	9.22%	0.399%
12	6.190	357	359	360	rBV	955193	816723	3.61%	0.156%
13	6.327	368	371	372	rBV	1153108	1452394	6.41%	0.277%
14	6.385	372	376	378	rVV2	1169829	1564702	6.91%	0.299%
15	6.419	378	379	383	rVB3	1427136	1732249	7.65%	0.331%
16	6.476	383	384	386	rBV	737086	911023	4.02%	0.174%
17	6.533	386	389	393	rVB	5323984	6874210	30.35%	1.313%
18	6.590	393	394	395	rVB	451054	309423	1.37%	0.059%
19	6.659	398	400	403	rVB	4732623	7278525	32.13%	1.390%
20	6.750	404	408	409	rBV3	965587	1653962	7.30%	0.316%
21	6.785	409	411	412	rBV2	259195	396464	1.75%	0.076%
22	6.910	412	422	424	rVB2	5194084	10674278	47.12%	2.038%
23	6.956	424	426	427	rBV	1739847	2018998	8.91%	0.386%
24	7.013	427	431	432	rBV3	1793393	2869900	12.67%	0.548%
25	7.047	432	434	438	rVB2	7459035	10509562	46.40%	2.007%
26	7.127	438	441	442	rBV2	1469100	2245791	9.91%	0.429%
27	7.173	442	445	447	rVB	3022997	4120096	18.19%	0.787%
28	7.207	447	448	450	rVB2	1732643	1659893	7.33%	0.317%
29	7.242	450	451	453	rBV	883983	1320059	5.83%	0.252%
30	7.287	453	455	457	rBV	3101734	3876466	17.11%	0.740%
31	7.367	461	462	464	rBV2	440331	777163	3.43%	0.148%
32	7.436	464	468	475	rBV5	4974001	16358683	72.22%	3.124%
33	7.539	475	477	479	rBV3	3433727	5607896	24.76%	1.071%
34	7.619	479	484	485	rBV2	3081492	7113236	31.40%	1.358%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.688	485	490	493	rBV5	4033802	12344824	54.50%	2.357%
36	7.745	493	495	496	rBV	1008436	898543	3.97%	0.172%
37	7.825	496	502	504	rBV5	4774057	14416413	63.64%	2.753%
38	7.870	504	506	508	rBV2	3249862	3815581	16.84%	0.729%
39	7.928	508	511	512	rBV2	2765255	3664531	16.18%	0.700%
40	8.008	516	518	520	rBV2	3173757	4610890	20.36%	0.880%
41	8.053	520	522	527	rBV5	2103846	7016807	30.98%	1.340%
42	8.179	527	533	535	rBV5	6713795	19689407	86.92%	3.760%
43	8.259	537	540	544	rVB	6730603	14388838	63.52%	2.748%
44	8.350	546	548	549	rBV2	2442952	3824049	16.88%	0.730%
45	8.396	550	552	554	rVB2	2500115	3565017	15.74%	0.681%
46	8.488	556	560	562	rBV4	5586266	9750981	43.05%	1.862%
47	8.579	566	568	570	rBV2	3562812	4225307	18.65%	0.807%
48	8.636	570	573	577	rVB3	8012067	18559943	81.94%	3.544%
49	8.705	577	579	580	rBV	3259136	3653327	16.13%	0.698%
50	8.739	580	582	585	rBV3	2033952	4460840	19.69%	0.852%
51	8.796	585	587	589	rBV3	2375381	5365106	23.69%	1.025%
52	8.888	594	595	599	rVB2	5530218	9443942	41.69%	1.803%
53	8.956	599	601	602	rBV2	1770127	2750874	12.14%	0.525%
54	9.013	602	606	611	rBV5	6055506	17060372	75.32%	3.258%
55	9.116	613	615	616	rVB	3952179	4924201	21.74%	0.940%
56	9.151	616	618	621	rBV4	1416623	3182967	14.05%	0.608%
57	9.231	622	625	627	rBV	7640232	13277718	58.62%	2.535%
58	9.276	627	629	630	rVB	3968726	3803292	16.79%	0.726%
59	9.379	634	638	639	rBV2	4144069	9352274	41.29%	1.786%
60	9.436	639	643	645	rBV4	2307834	6037479	26.65%	1.153%
61	9.551	650	653	655	rVB2	5875587	10577837	46.70%	2.020%
62	9.631	655	660	663	rBV3	7390433	22651603	100.00%	4.326%
63	9.699	663	666	667	rVB2	8667063	13935240	61.52%	2.661%
64	9.836	676	678	680	rBV2	2985403	4991027	22.03%	0.953%
65	9.882	680	682	683	rVB2	3199656	4264156	18.82%	0.814%
66	9.951	686	688	690	rBV3	3300559	6919886	30.55%	1.321%
67	10.076	697	699	701	rVB	5946238	8102283	35.77%	1.547%
68	10.122	701	703	704	rBV2	2372899	4153132	18.33%	0.793%
69	10.168	705	707	709	rVV	6248585	9411433	41.55%	1.797%
70	10.225	709	712	715	rVB4	5337287	12013565	53.04%	2.294%
71	10.294	715	718	719	rBV	5032249	8137132	35.92%	1.554%

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72	10.385	723	726	728	rVB3	3400317	7278943	32.13%	1.390%
73	10.431	728	730	731	rBV2	1888713	2596925	11.46%	0.496%
74	10.511	735	737	738	rBV2	4010724	5834368	25.76%	1.114%
75	10.625	745	747	749	rVB	8301805	9701367	42.83%	1.853%
76	10.899	768	771	774	rVB2	10471951	18395783	81.21%	3.513%
77	10.956	774	776	778	rBV3	2247315	3344355	14.76%	0.639%
78	11.059	783	785	786	rVV2	2286087	2697233	11.91%	0.515%
79	11.094	786	788	791	rVB4	4089995	5138873	22.69%	0.981%
80	11.208	796	798	801	rVB4	3235175	5100811	22.52%	0.974%
81	11.356	808	811	813	rVB	8146770	13729738	60.61%	2.622%
82	11.688	838	840	845	rVB3	4165123	6911808	30.51%	1.320%
83	11.779	846	848	853	rVB3	3142017	6292429	27.78%	1.202%
84	11.951	861	863	864	rBV	2420151	2843776	12.55%	0.543%
85	12.054	871	872	873	rVB	2664733	1828007	8.07%	0.349%
86	12.408	902	903	907	rVB2	2285980	4036564	17.82%	0.771%
87	12.488	908	910	912	rBV	2429269	2379633	10.51%	0.454%
88	12.922	947	948	950	rVB	871584	967607	4.27%	0.185%
89	13.014	954	956	958	rVB	4402756	4640552	20.49%	0.886%
90	13.448	992	994	997	rVB2	254425	296425	1.31%	0.057%
91	13.905	1032	1034	1041	rVB	343009	580053	2.56%	0.111%
92	14.054	1044	1047	1049	rBV	1609957	1544515	6.82%	0.295%
93	15.494	1171	1173	1180	rVB	1161091	1531159	6.76%	0.292%
94	16.180	1231	1233	1241	rVB3	206992	553454	2.44%	0.106%
95	16.603	1267	1270	1277	rVB	238521	524763	2.32%	0.100%

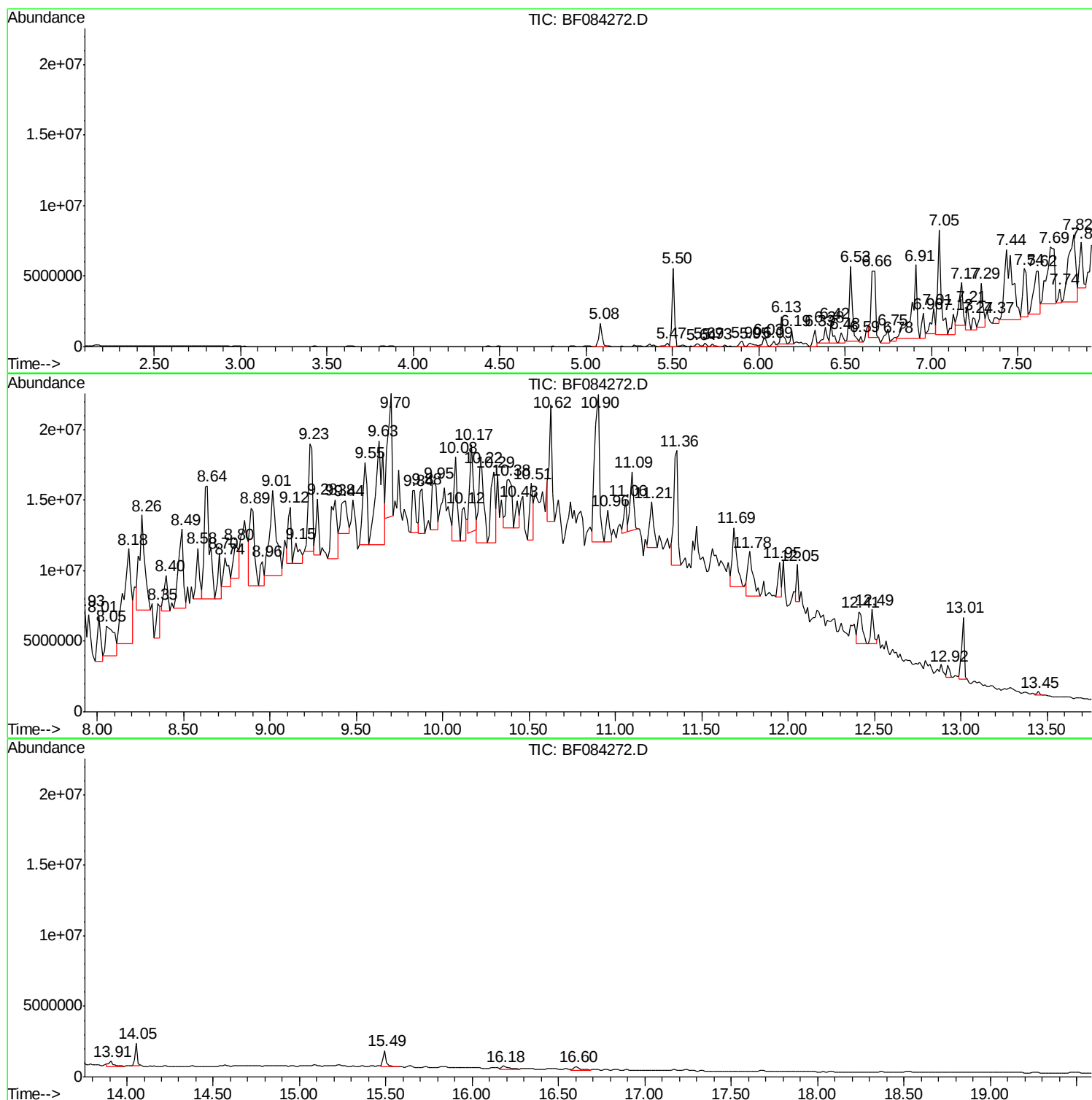
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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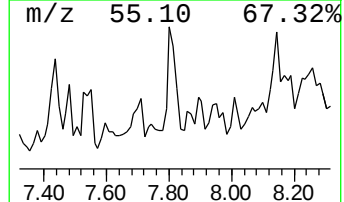
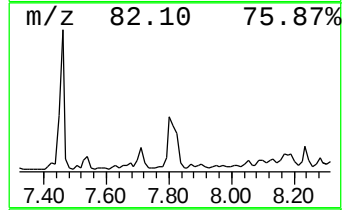
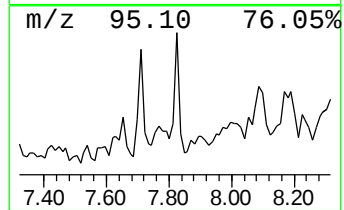
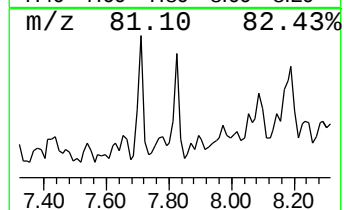
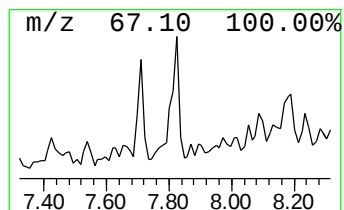
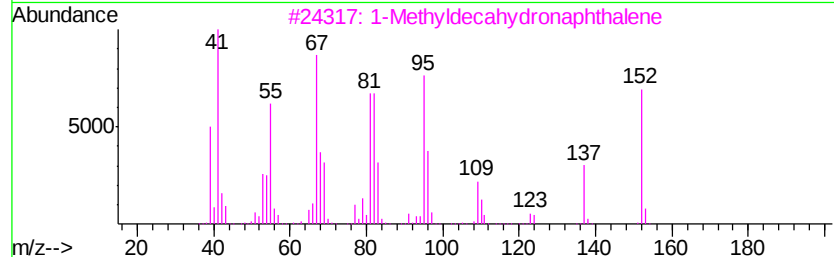
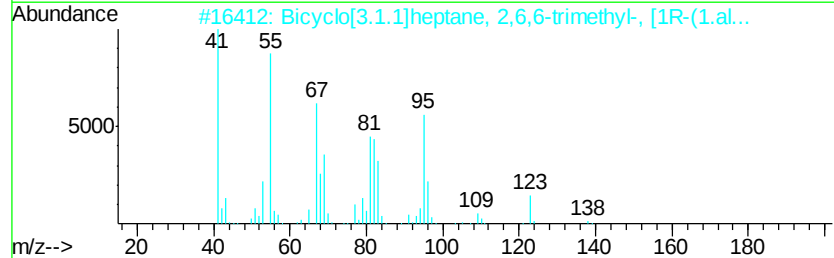
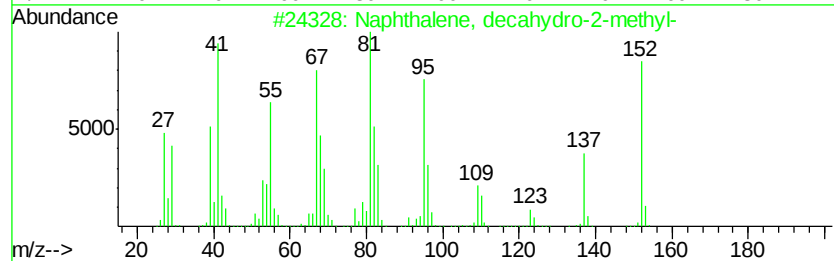
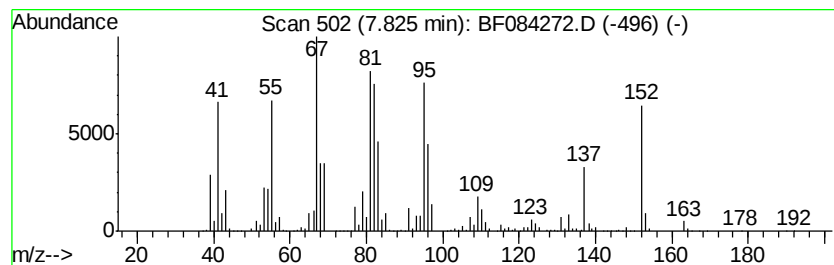
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	14.64 ng	14416400	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	74
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	68
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5		Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	62



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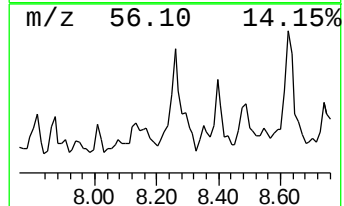
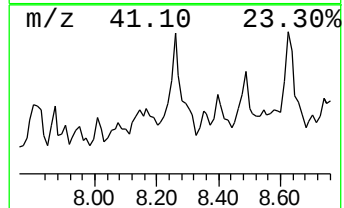
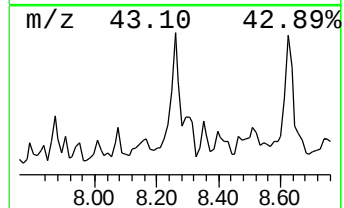
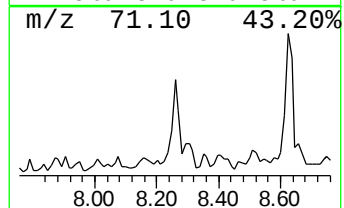
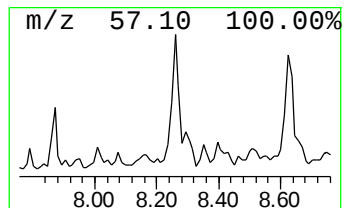
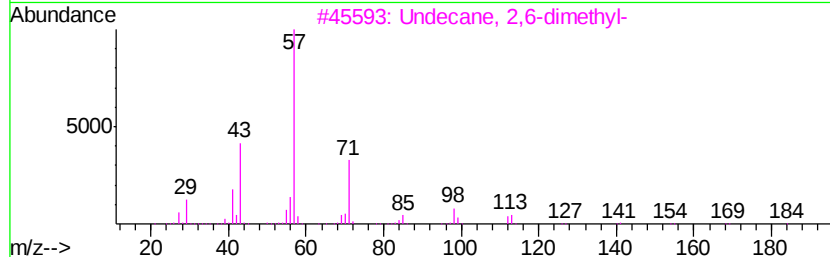
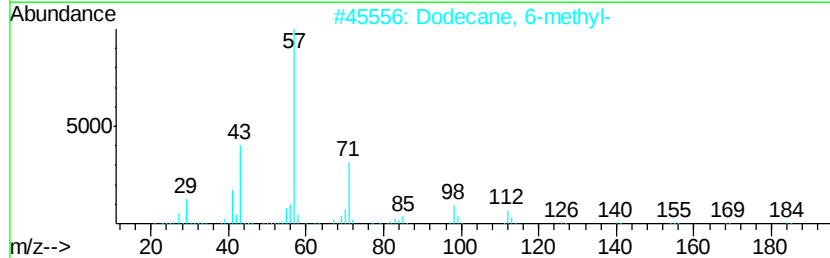
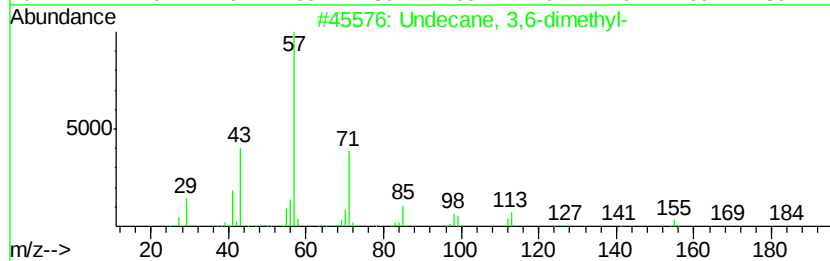
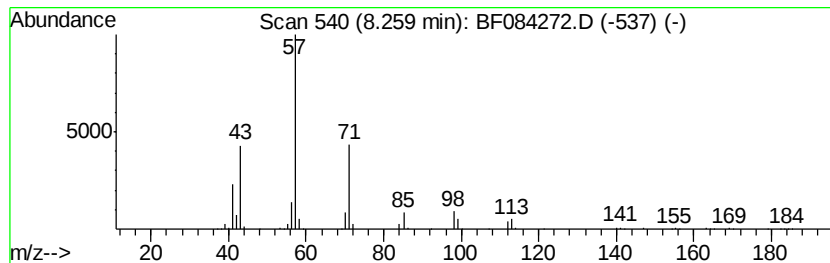
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.26	14.62 ng	14388800	Napthalene-d8	8.19	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184 C13H28	017301-28-9	83
2	Dodecane, 6-methyl-		184 C13H28	006044-71-9	78
3	Undecane, 2,6-dimethyl-		184 C13H28	017301-23-4	76
4	Decane, 2,5,9-trimethyl-		184 C13H28	062108-22-9	72
5	Octane, 2,5-dimethyl-		142 C10H22	015869-89-3	64



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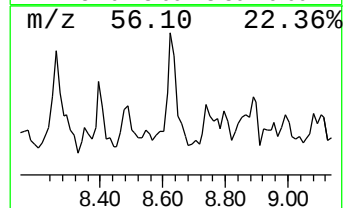
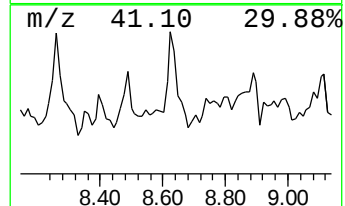
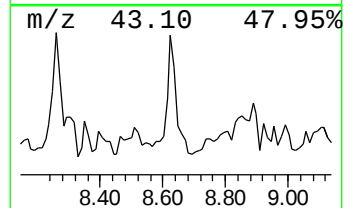
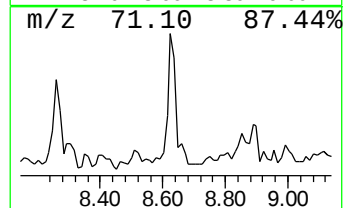
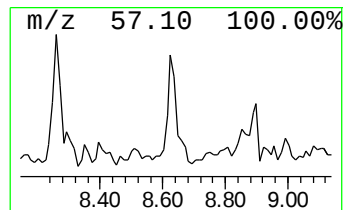
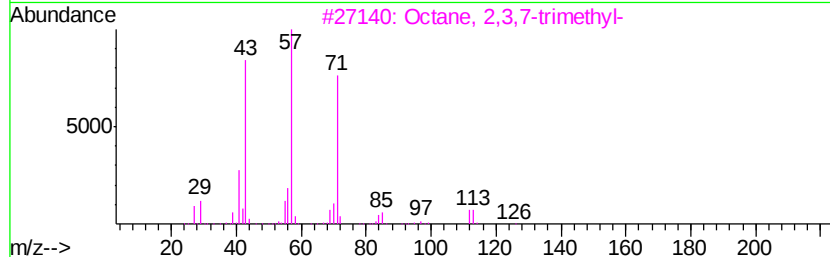
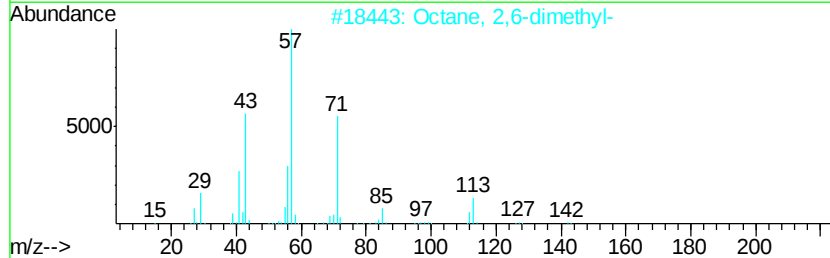
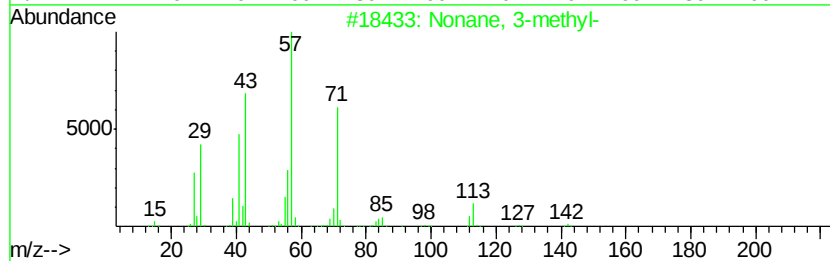
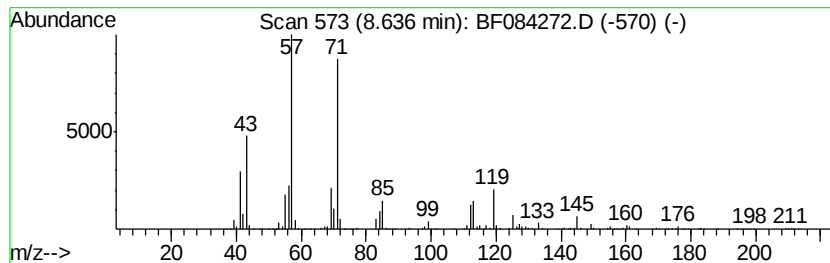
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	18.85 ng	18559900	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Decane, 5-propyl-	184	C13H28	017312-62-8	53



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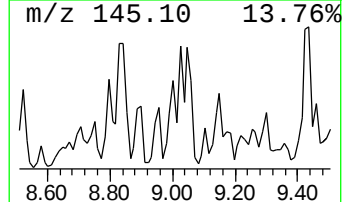
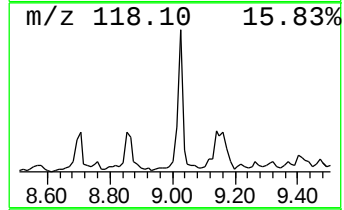
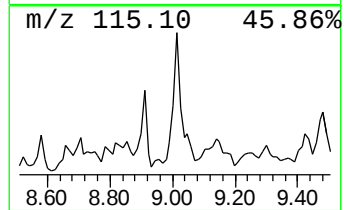
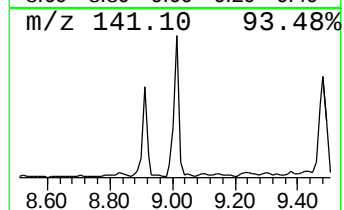
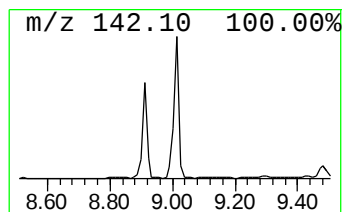
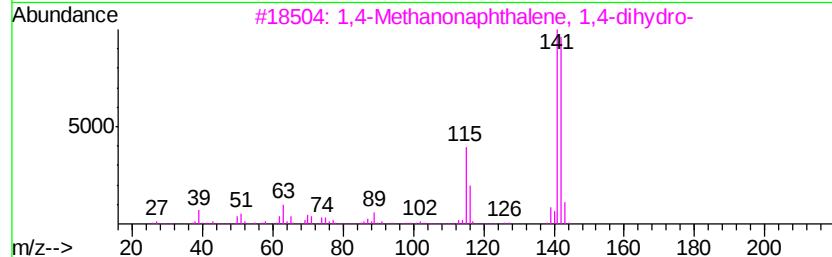
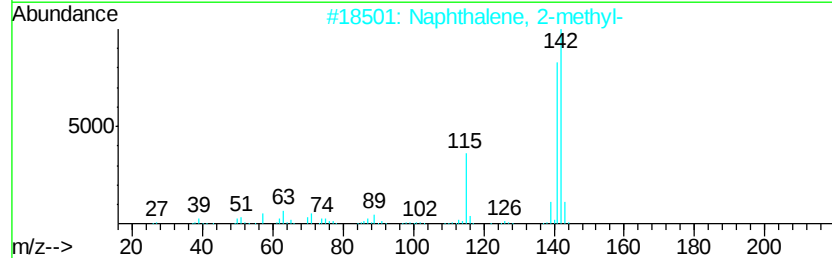
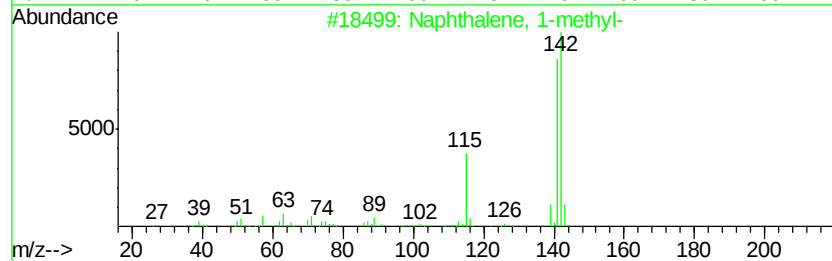
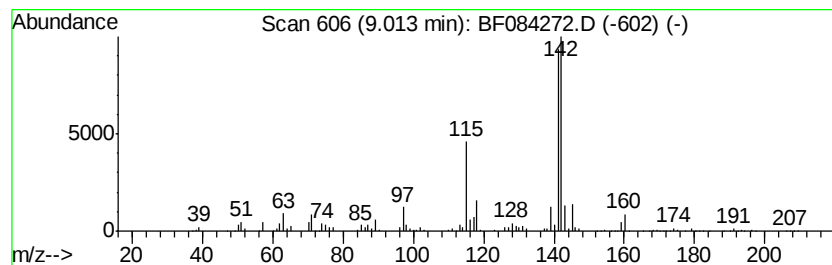
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	17.33 ng	17060400	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

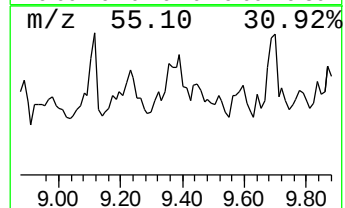
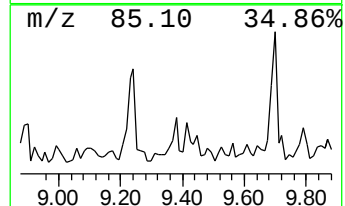
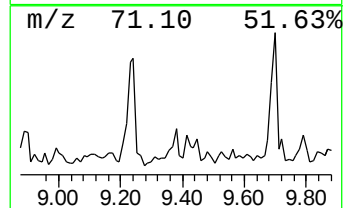
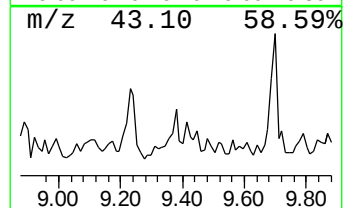
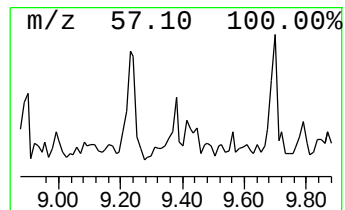
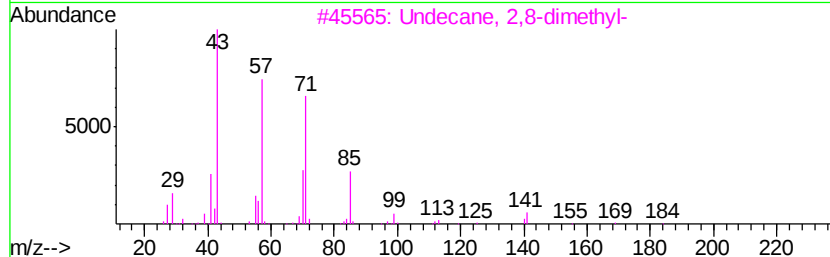
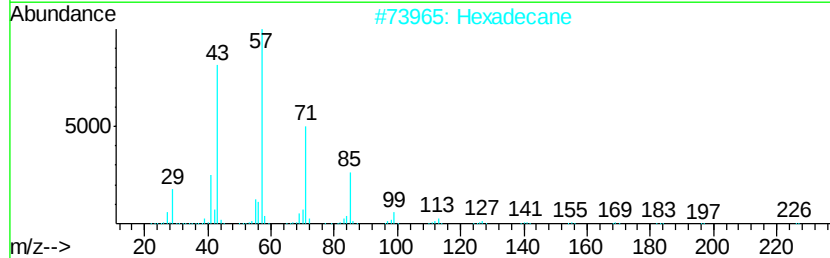
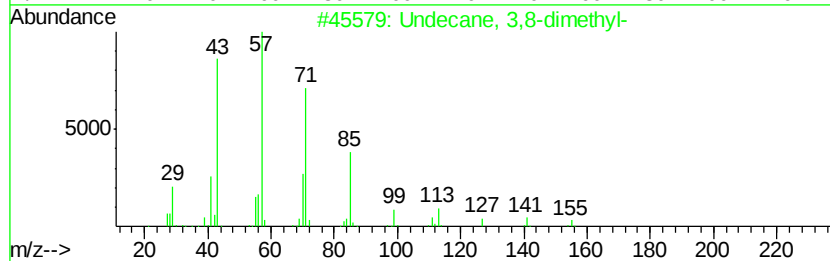
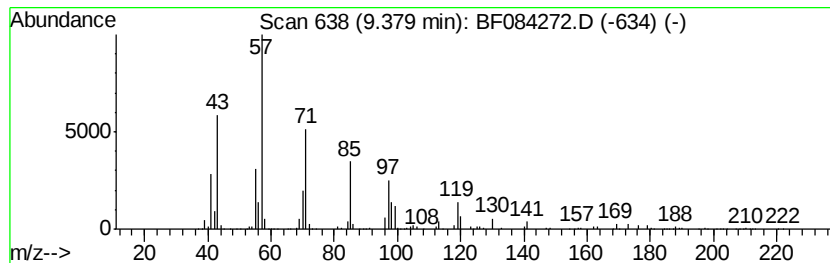
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	27.03 ng	9352270	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,8-dimethyl-	184 C13H28	017301-30-3	53
2	Hexadecane	226 C16H34	000544-76-3	47
3	Undecane, 2,8-dimethyl-	184 C13H28	017301-25-6	47
4	Dodecane, 4-methyl-	184 C13H28	006117-97-1	47
5	Decane, 3,7-dimethyl-	170 C12H26	017312-54-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PJ-SB-1(18.0-18.5)

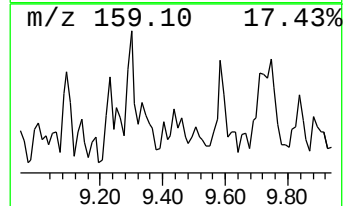
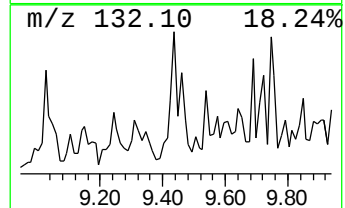
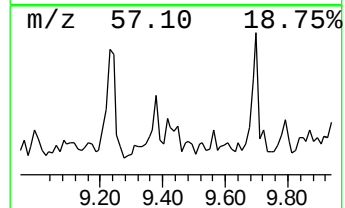
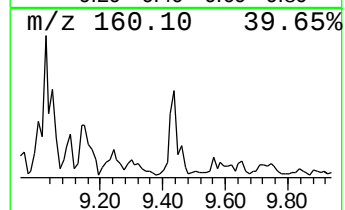
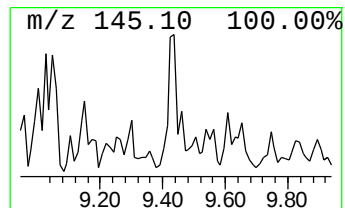
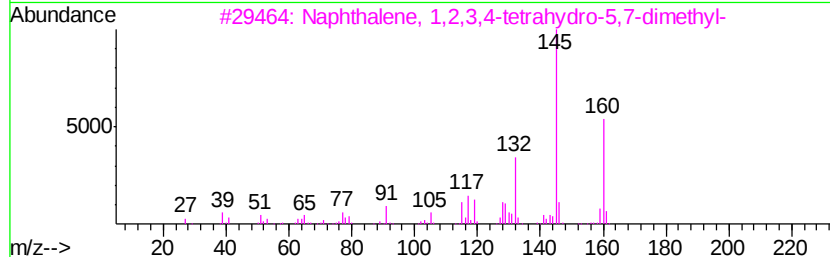
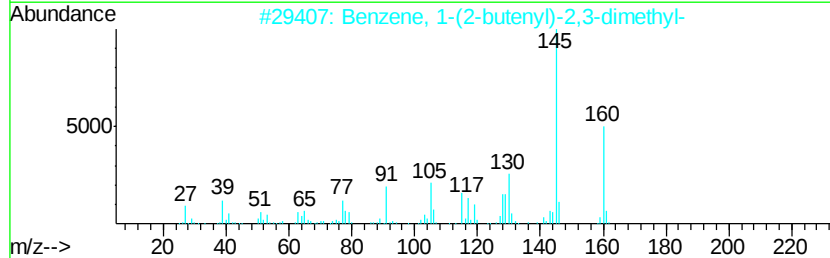
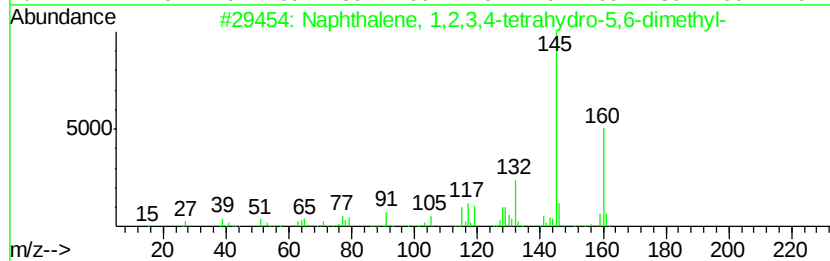
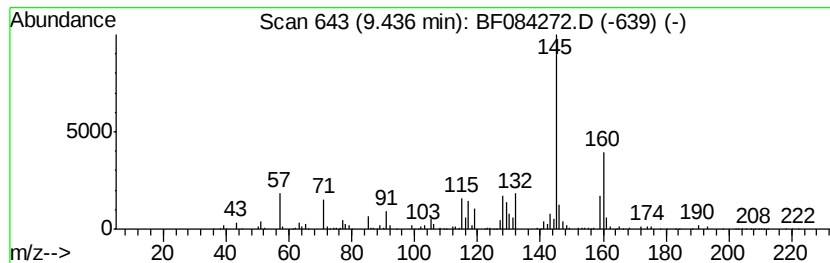
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	17.45 ng	6037480	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PJ-SB-1(18.0-18.5)

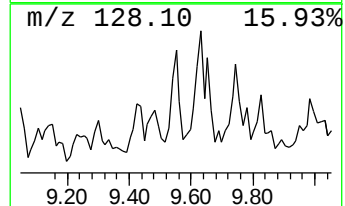
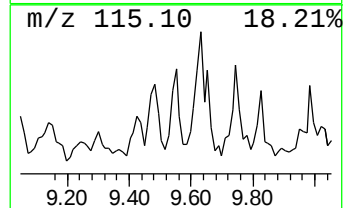
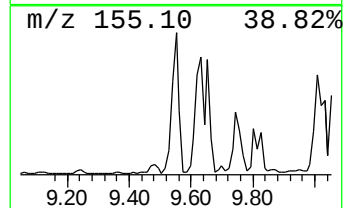
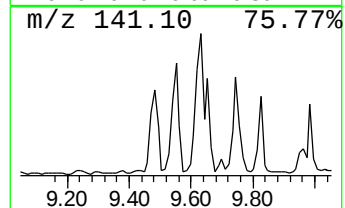
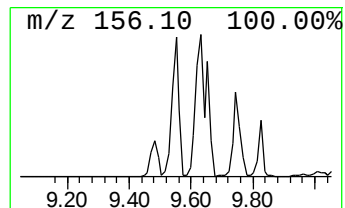
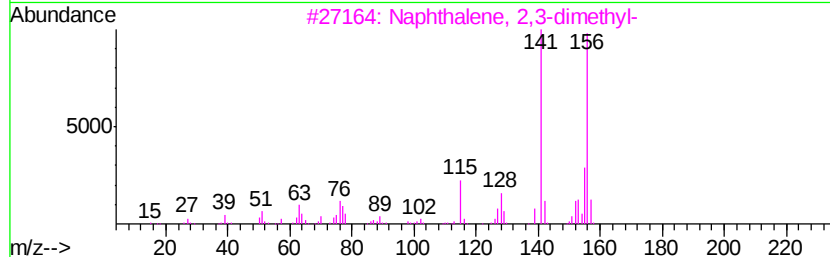
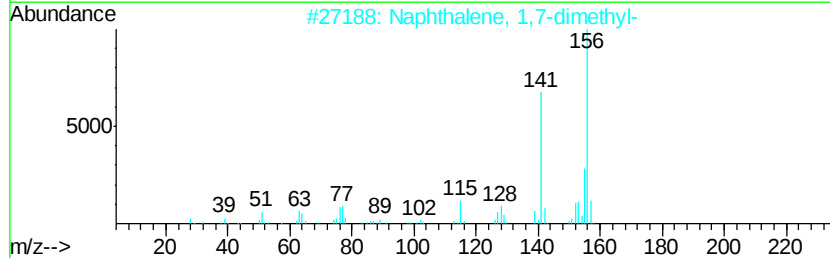
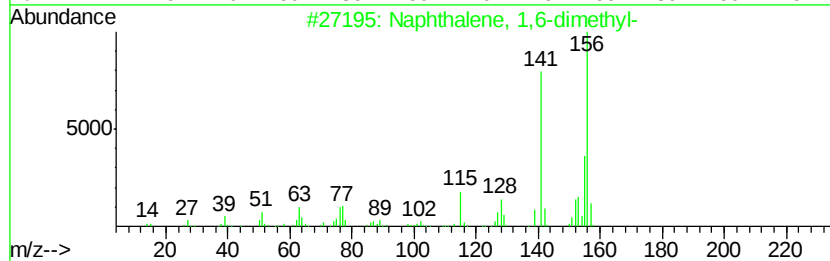
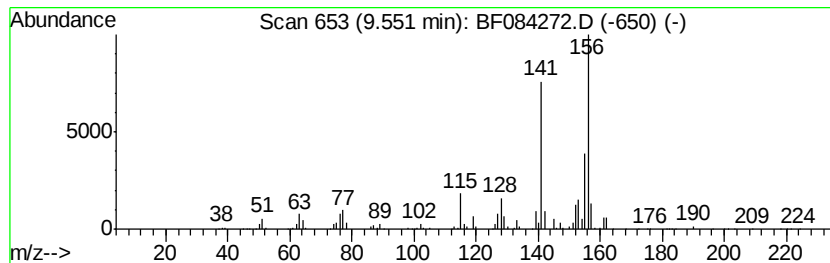
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	30.57 ng	10577800	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
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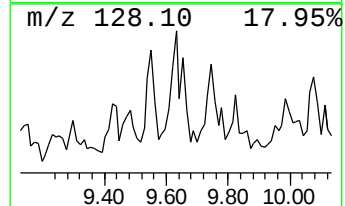
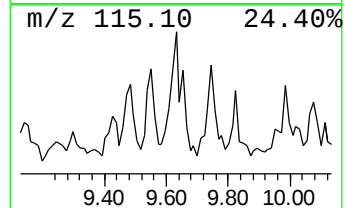
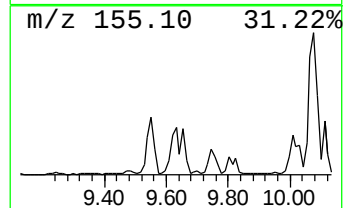
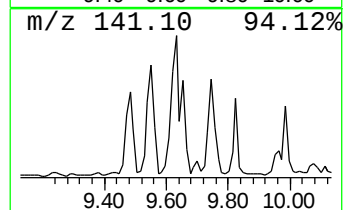
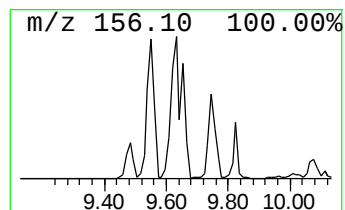
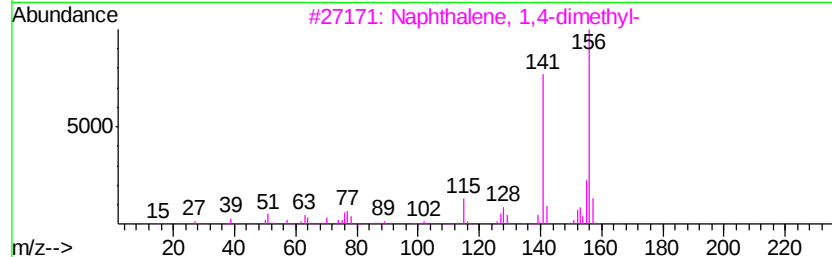
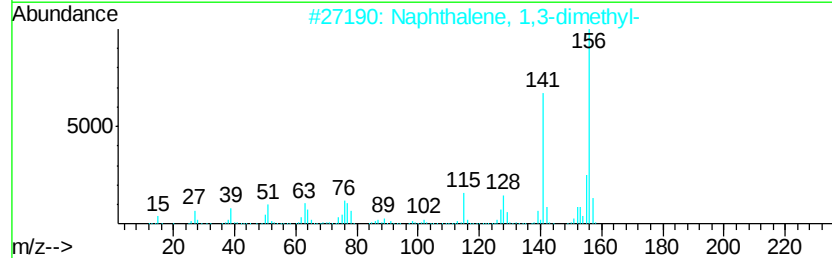
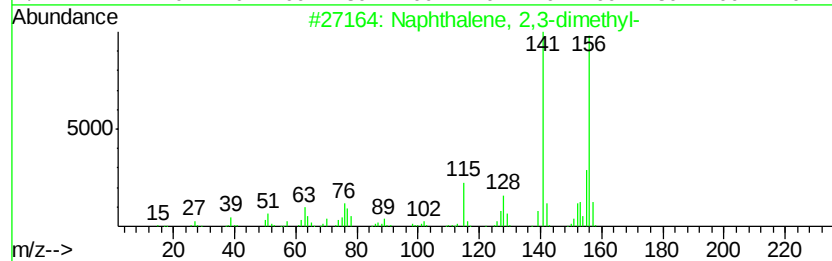
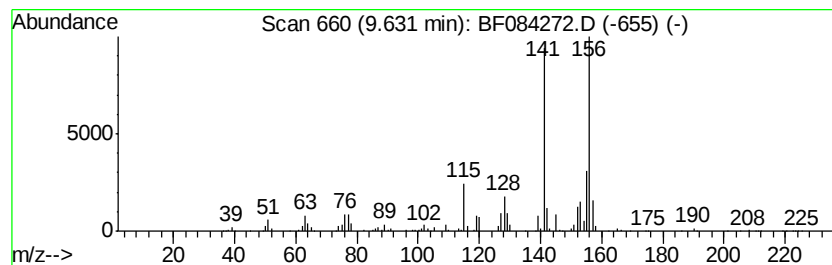
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	65.47 ng	22651600	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
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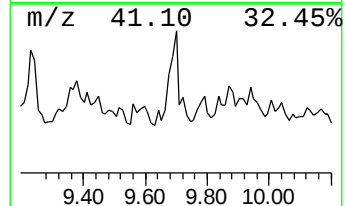
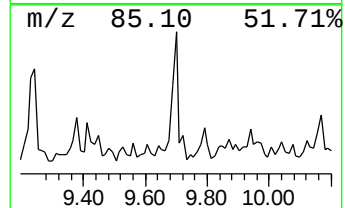
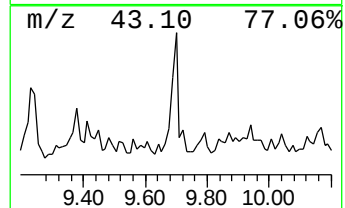
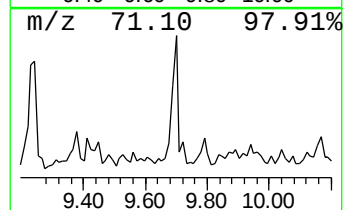
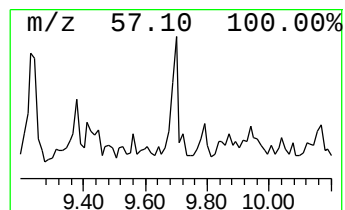
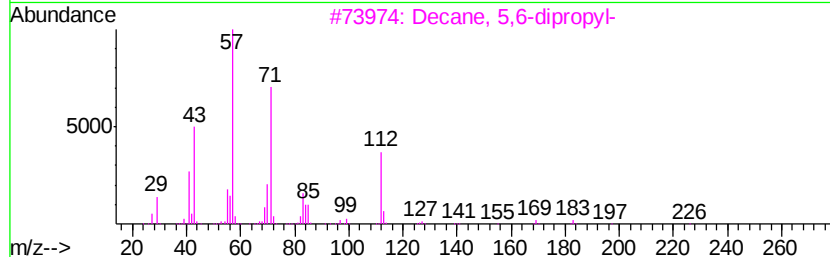
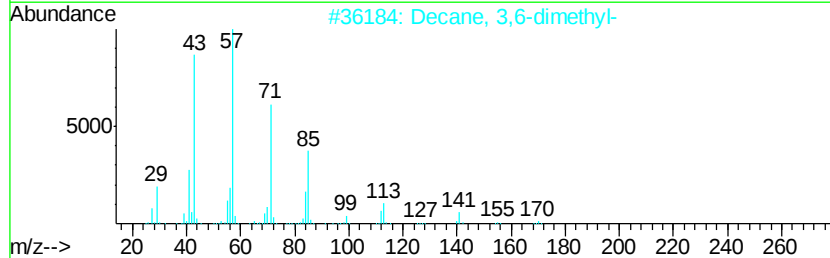
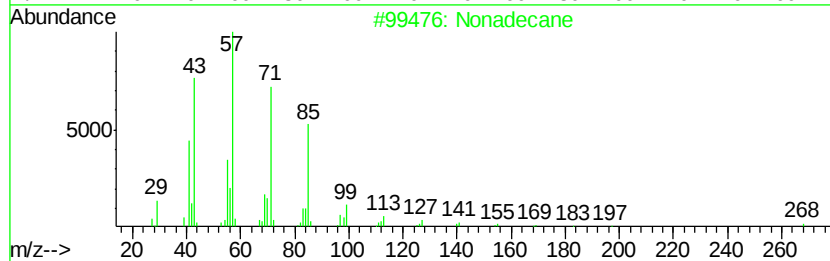
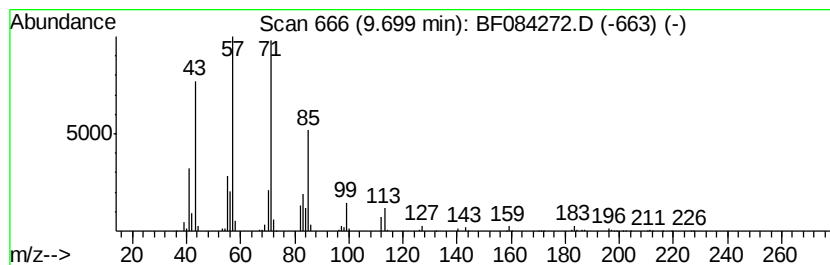
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	40.28 ng	13935200	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	83
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
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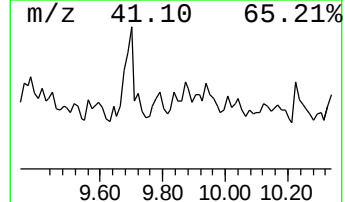
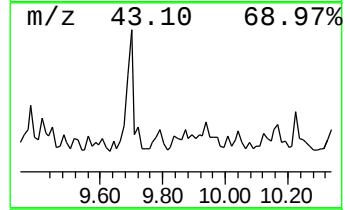
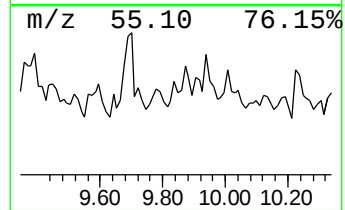
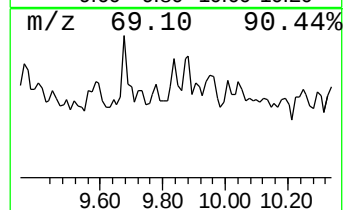
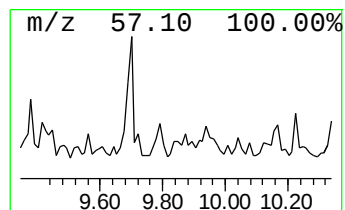
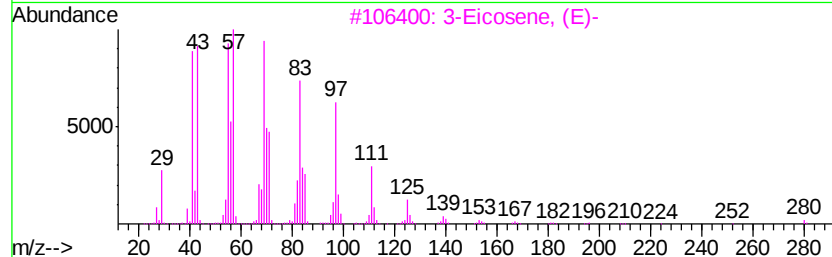
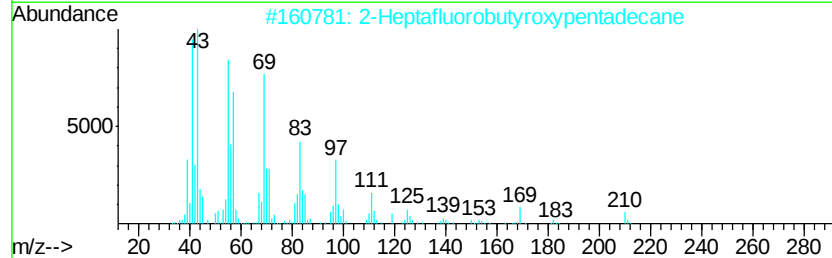
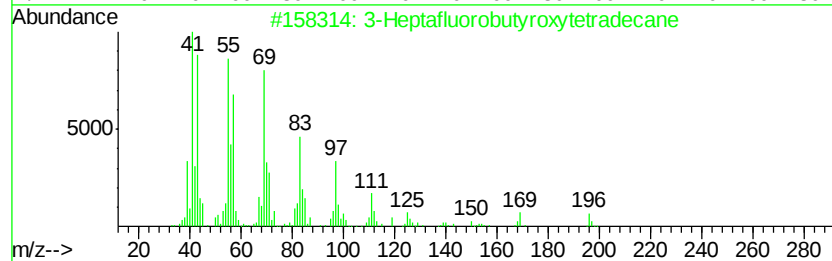
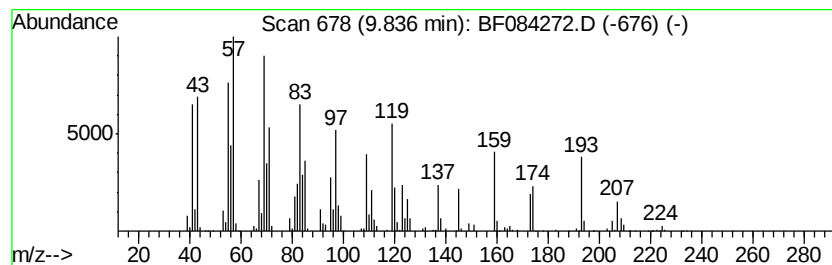
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	14.43 ng	4991030	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptafluorobutyltetradecane	410	C18H29F7O2	1000245-49-8	25
2		2-Heptafluorobutylpentadecane	424	C19H31F7O2	1000245-50-0	25
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	20
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	20
5		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
Misc :
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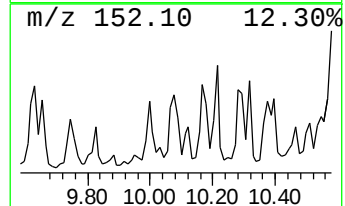
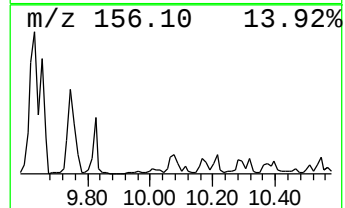
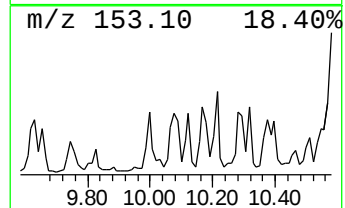
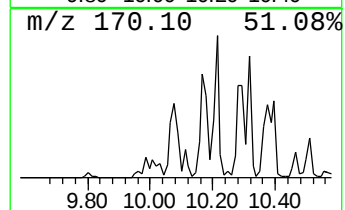
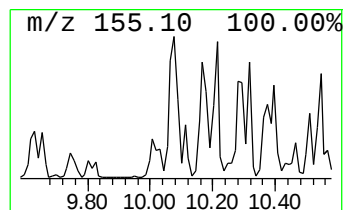
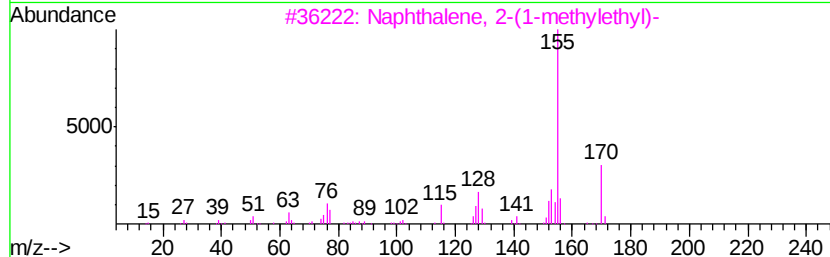
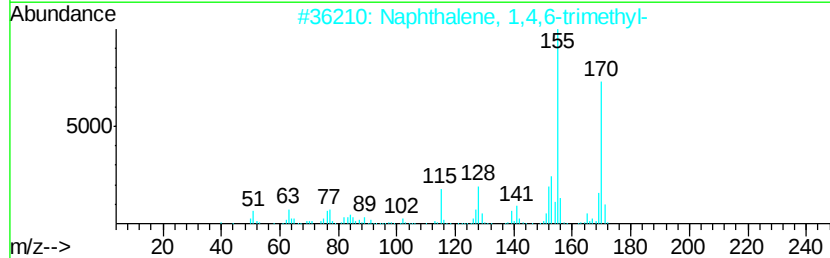
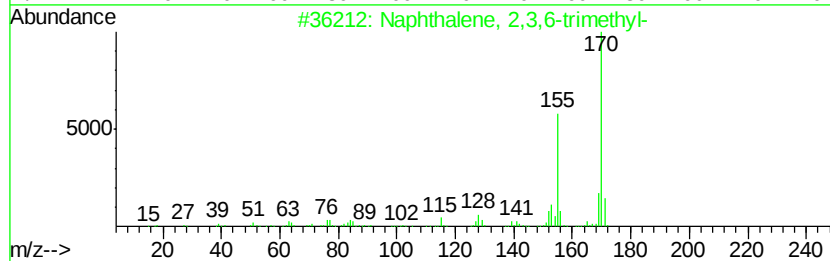
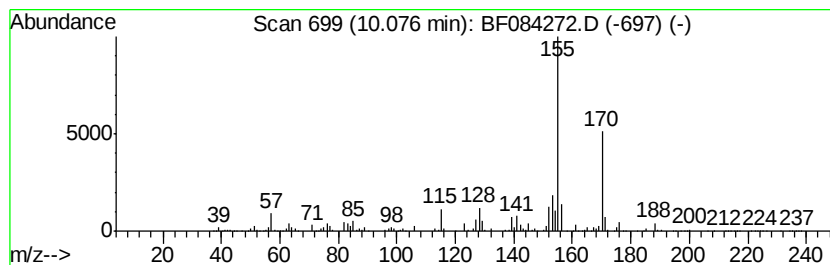
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ClientSampleId :
PJ-SB-1(18.0-18.5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.08	23.42 ng	8102280	Acenaphthene-d10	9.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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PJ-SB-1(18.0-18.5)

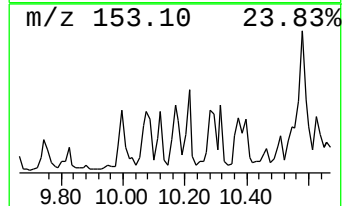
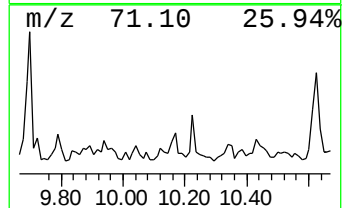
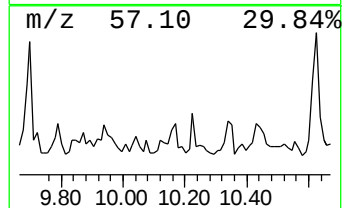
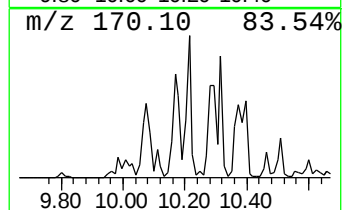
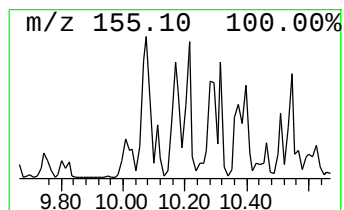
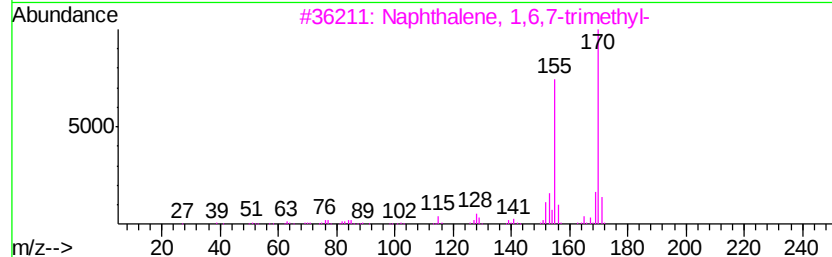
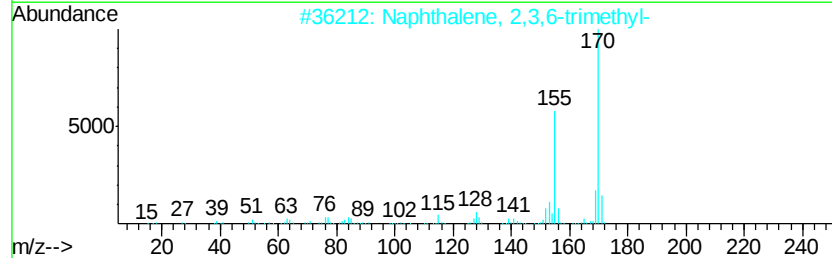
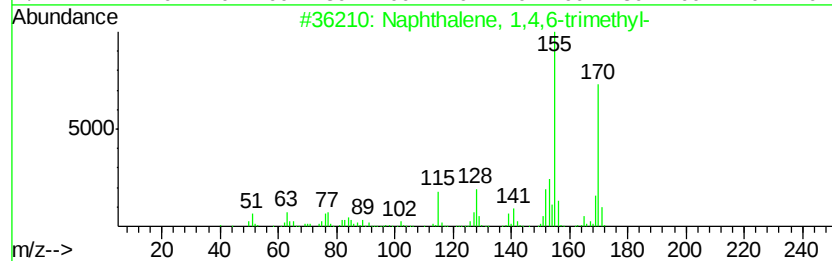
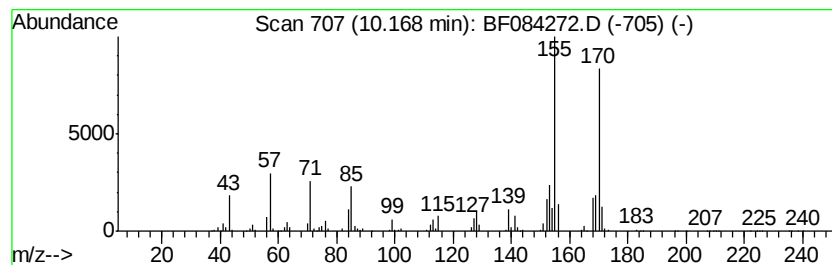
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	27.20 ng	9411430	Acenaphthene-d10	9.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

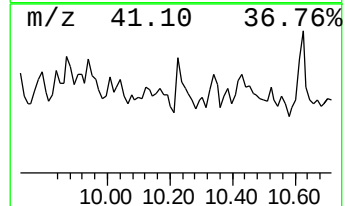
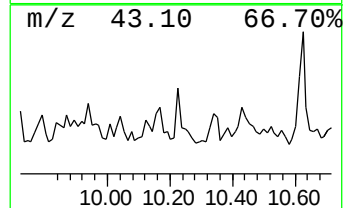
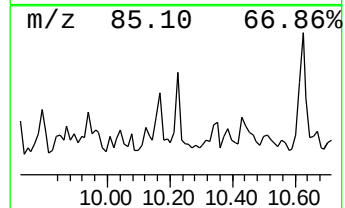
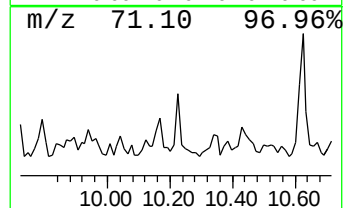
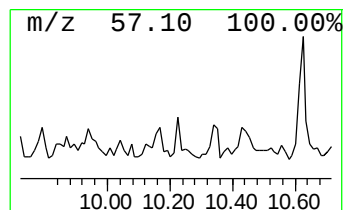
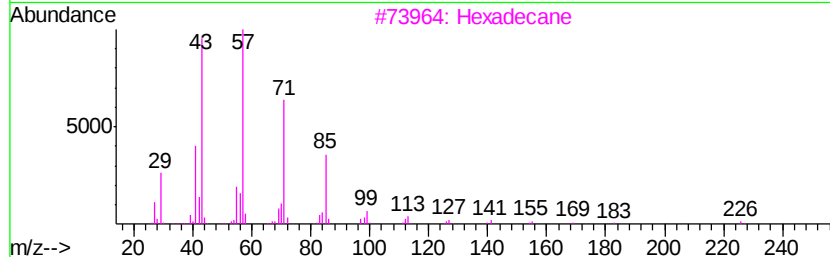
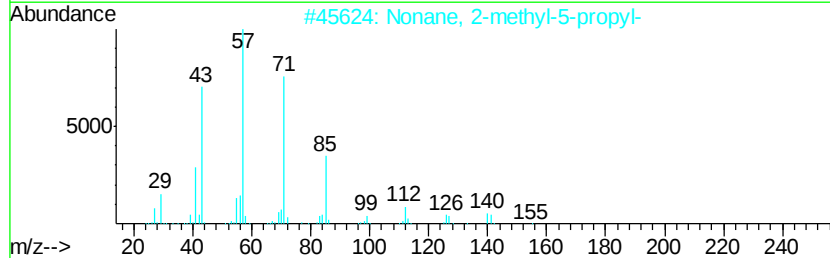
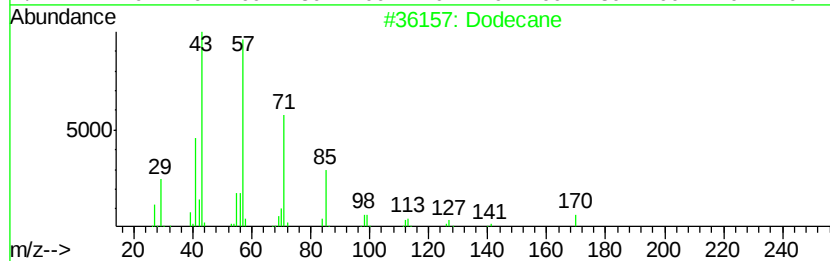
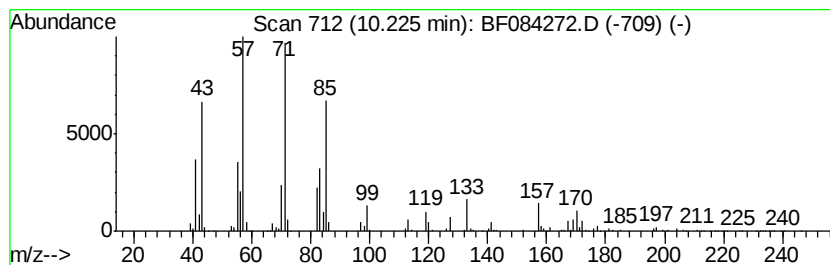
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ClientSampleId :
PJ-SB-1(18.0-18.5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	34.72 ng	12013600	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	58
2	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	50
3	Hexadecane	226 C16H34	000544-76-3	50
4	Heptano-dibutyrin	344 C18H32O6	065235-13-4	47
5	Undecane, 6-ethyl-	184 C13H28	017312-60-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
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ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
PJ-SB-1(18.0-18.5)

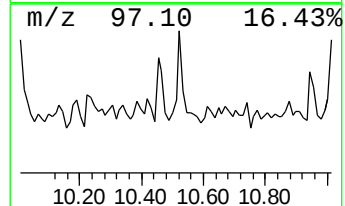
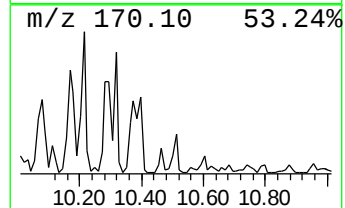
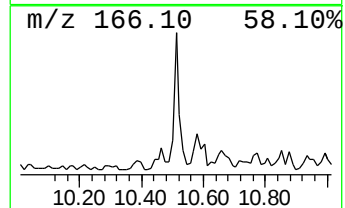
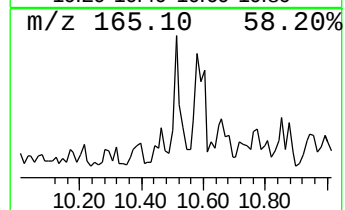
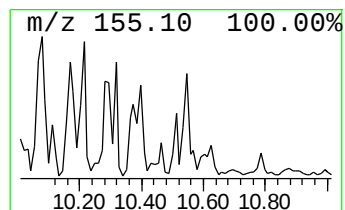
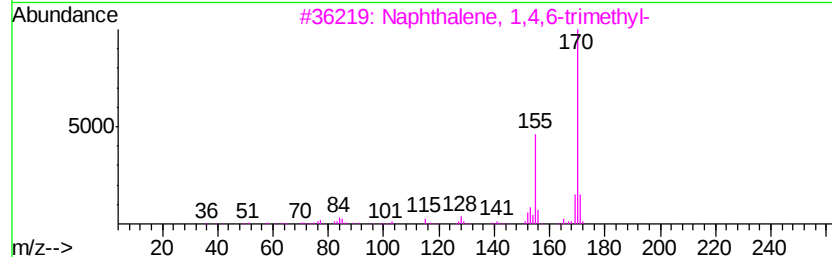
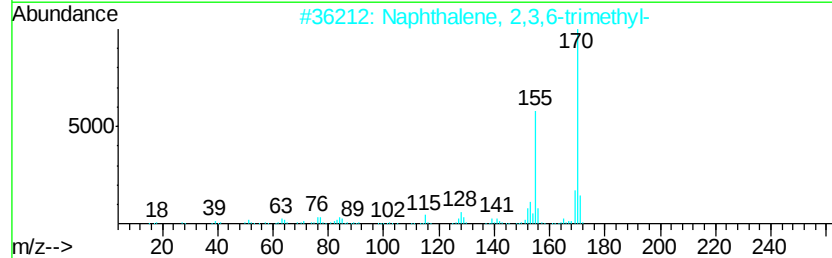
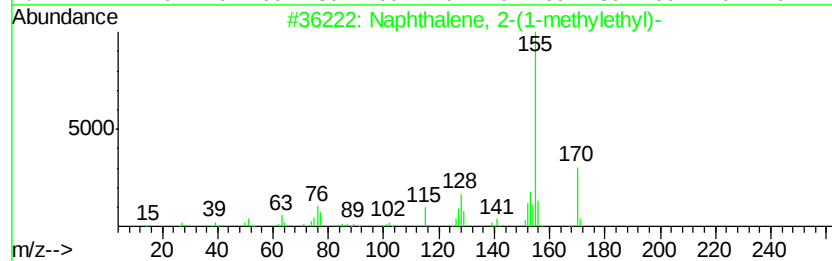
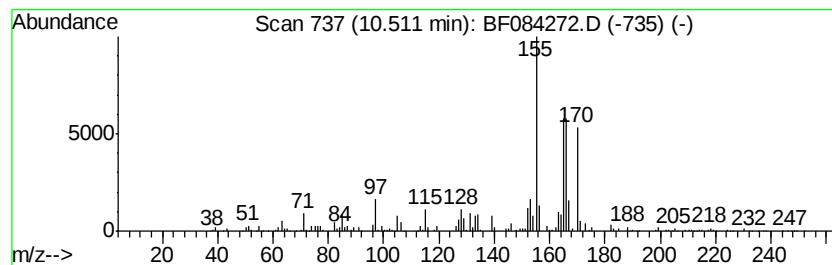
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	16.86 ng	5834370	Acenaphthene-d10	9.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

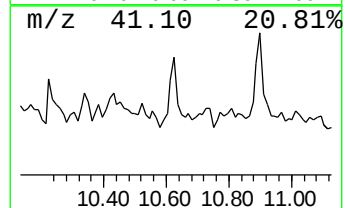
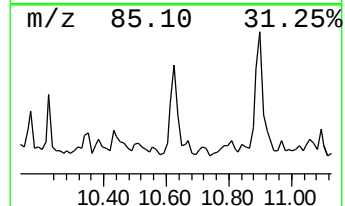
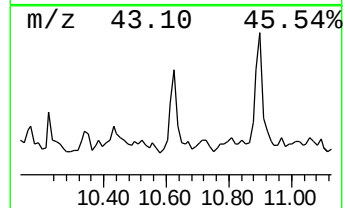
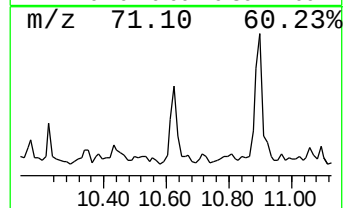
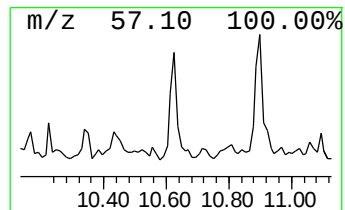
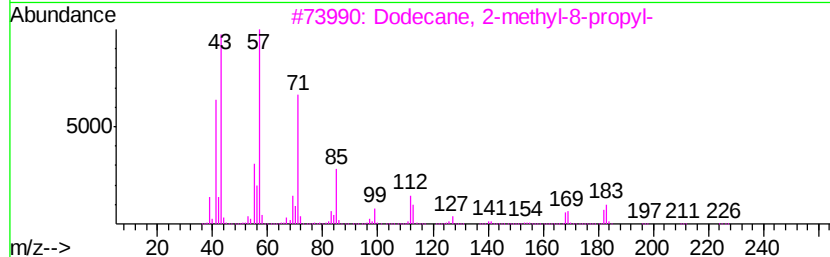
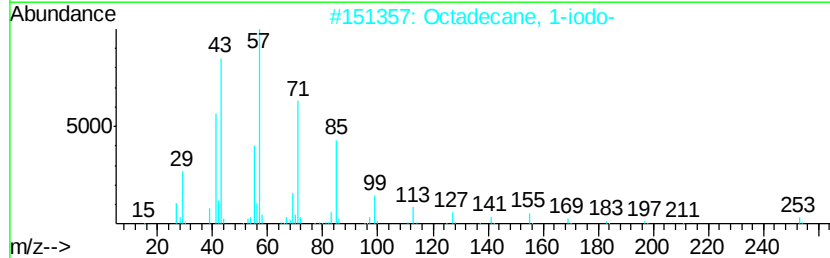
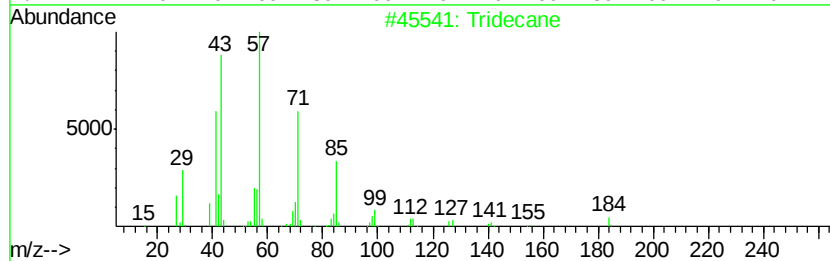
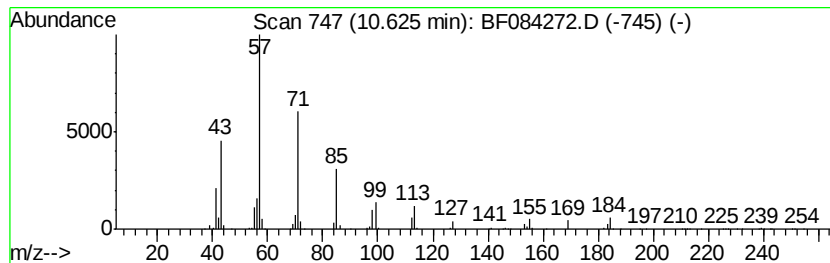
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.63	28.04 ng	9701370	Acenaphthene-d10	9.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
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Sample : G4949-01
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ALS Vial : 39 Sample Multiplier: 1

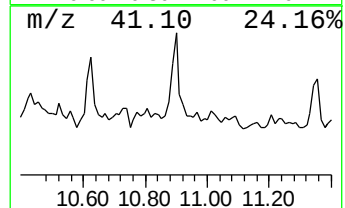
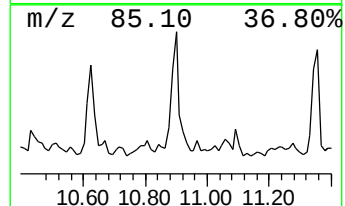
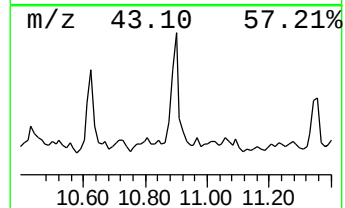
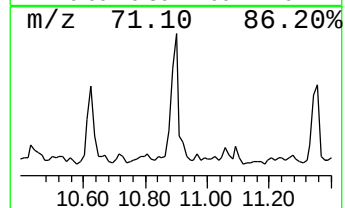
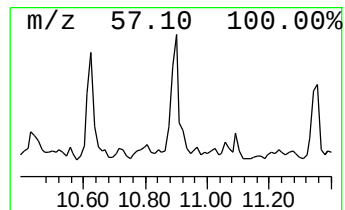
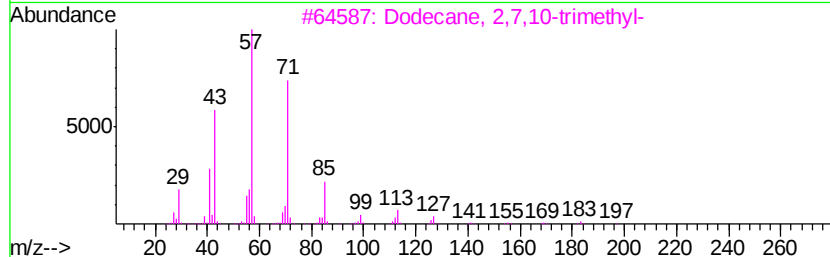
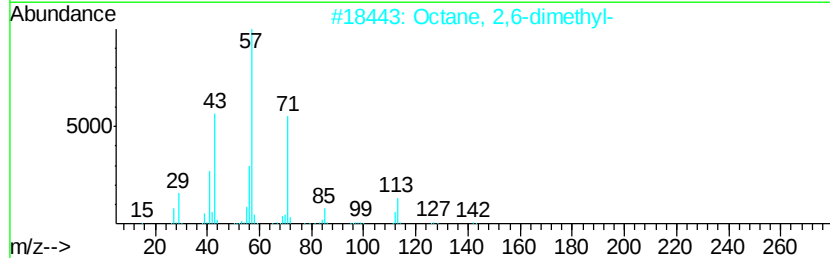
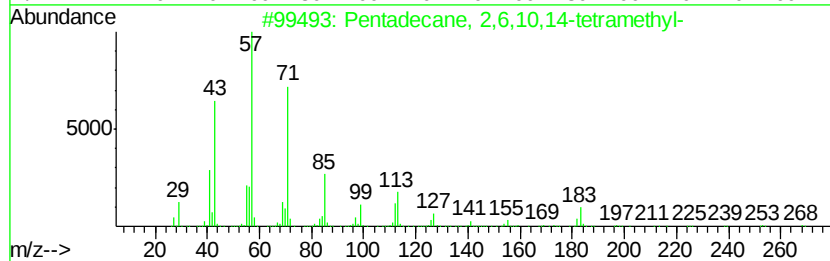
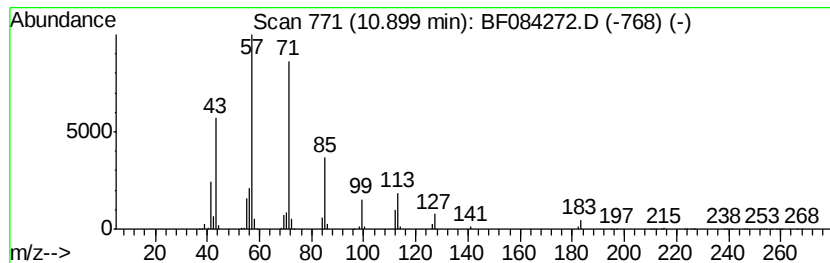
Instrument :
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ClientSampleId :
PJ-SB-1(18.0-18.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.90	26.80 ng	18395800	Phenanthrene-d10	11.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
5		3,5-Dimethyl-4-octanone	156	C10H20O	007335-17-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084272.D
 Acq On : 5 Jan 2016 8:16
 Operator : UM/SJ
 Sample : G4949-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(18.0-18.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, deca...	7.82	14.6	ng	14416400	2	8.19	19689400	20.0
Undecane, 3,6-dim...	8.26	14.6	ng	14388800	2	8.19	19689400	20.0
Nonane, 3-methyl-	8.64	18.9	ng	18559900	2	8.19	19689400	20.0
Naphthalene, 1-me...	9.01	17.3	ng	17060400	2	8.19	19689400	20.0
Undecane, 3,8-dim...	9.38	27.0	ng	9352270	3	9.96	6919890	20.0
Naphthalene, 1,2,...	9.44	17.4	ng	6037480	3	9.96	6919890	20.0
Naphthalene, 1,6-...	9.55	30.6	ng	10577800	3	9.96	6919890	20.0
Naphthalene, 2,3-...	9.63	65.5	ng	22651600	3	9.96	6919890	20.0
Nonadecane	9.70	40.3	ng	13935200	3	9.96	6919890	20.0
unknown9.84	9.84	14.4	ng	4991030	3	9.96	6919890	20.0
Naphthalene, 2,3,...	10.08	23.4	ng	8102280	3	9.96	6919890	20.0
Naphthalene, 1,4,...	10.17	27.2	ng	9411430	3	9.96	6919890	20.0
Dodecane	10.22	34.7	ng	12013600	3	9.96	6919890	20.0
Naphthalene, 2-(1...	10.51	16.9	ng	5834370	3	9.96	6919890	20.0
Tridecane	10.63	28.0	ng	9701370	3	9.96	6919890	20.0
Pentadecane, 2,6,...	10.90	26.8	ng	18395800	4	11.45	13729700	20.0