

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093297.D
 Acq On : 1 Mar 2017 18:50
 Operator : SJ/MA
 Sample : I2002-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(5.5-7.5)

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.876	240	244	247	rVB2	146220	264691	3.19%	0.144%
2	4.956	247	251	258	rBV	798082	1296424	15.61%	0.705%
3	5.150	265	268	270	rBV	218508	253679	3.05%	0.138%
4	5.401	288	290	293	rBV	2786177	2765220	33.29%	1.505%
5	5.527	299	301	304	rBV2	162541	246845	2.97%	0.134%
6	5.573	304	305	307	rVB	186996	197028	2.37%	0.107%
7	5.619	307	309	313	rVB2	171032	248316	2.99%	0.135%
8	5.790	320	324	326	rBV2	230701	381044	4.59%	0.207%
9	5.847	326	329	331	rBV2	185103	338818	4.08%	0.184%
10	5.927	334	336	339	rVB2	523858	680777	8.20%	0.370%
11	5.984	339	341	343	rBV	220699	331316	3.99%	0.180%
12	6.030	343	345	348	rBV	1626717	1844031	22.20%	1.003%
13	6.087	348	350	352	rBV	747919	687901	8.28%	0.374%
14	6.122	352	353	359	rVB4	215871	624288	7.52%	0.340%
15	6.224	359	362	367	rBV2	603099	1215674	14.64%	0.661%
16	6.293	367	368	369	rBV	248697	176057	2.12%	0.096%
17	6.316	369	370	372	rBV	677764	796771	9.59%	0.434%
18	6.407	375	378	380	rBV2	218696	484691	5.84%	0.264%
19	6.453	380	382	384	rBV	2807422	3156988	38.01%	1.718%
20	6.487	384	385	387	rVB	252521	283473	3.41%	0.154%
21	6.533	387	389	391	rBV3	788175	1559788	18.78%	0.849%
22	6.579	391	393	395	rVB	2843906	2953197	35.56%	1.607%
23	6.647	396	399	401	rBV4	376954	760911	9.16%	0.414%
24	6.704	401	404	405	rBV3	95382	220434	2.65%	0.120%
25	6.762	405	409	410	rBV3	488833	1293305	15.57%	0.704%
26	6.819	410	414	416	rVB2	2960346	4330562	52.14%	2.356%
27	6.864	416	418	419	rBV	809000	950015	11.44%	0.517%
28	6.922	419	423	424	rBV3	803892	1170392	14.09%	0.637%
29	6.956	424	426	430	rVB3	2778556	4945753	59.55%	2.691%
30	7.036	430	433	434	rBV2	693814	1038397	12.50%	0.565%
31	7.070	434	436	439	rVB3	1139476	2106408	25.36%	1.146%
32	7.127	439	441	442	rBV2	474347	590554	7.11%	0.321%
33	7.162	442	444	445	rBV2	345304	424912	5.12%	0.231%
34	7.196	445	447	449	rBV2	786507	996611	12.00%	0.542%

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35	7.345	453	460	462	rBV2	1882700	4729108	56.94%	2.573%
36	7.379	462	463	467	rVB3	2203136	3055456	36.79%	1.663%
37	7.459	467	470	471	rBV3	1242639	2080049	25.04%	1.132%
38	7.527	471	476	477	rBV	1073747	2201605	26.51%	1.198%
39	7.596	477	482	485	rVB4	1519314	3600471	43.35%	1.959%
40	7.653	485	487	489	rBV2	494942	534676	6.44%	0.291%
41	7.710	489	492	497	rBV7	1122607	3744099	45.08%	2.037%
42	7.779	497	498	499	rVB	575206	394591	4.75%	0.215%
43	7.836	502	503	508	rVB3	1667521	2360282	28.42%	1.284%
44	7.916	508	510	512	rBV	1130626	1262029	15.19%	0.687%
45	7.973	512	515	519	rBV3	932341	2050603	24.69%	1.116%
46	8.030	519	520	523	rBV3	684846	1621809	19.53%	0.882%
47	8.087	523	525	527	rVV2	982233	1775004	21.37%	0.966%
48	8.167	529	532	533	rVB	2360577	3616160	43.54%	1.968%
49	8.259	538	540	541	rBV	745066	1157394	13.93%	0.630%
50	8.293	541	543	545	rVV2	1182262	1734162	20.88%	0.944%
51	8.327	545	546	548	rVV2	273839	400106	4.82%	0.218%
52	8.385	548	551	553	rVB3	1565206	2247380	27.06%	1.223%
53	8.476	558	559	561	rVV2	1437960	2199883	26.49%	1.197%
54	8.522	561	563	565	rVV	4398194	6341381	76.35%	3.450%
55	8.602	568	570	571	rVV	2144236	2917851	35.13%	1.588%
56	8.636	571	573	574	rVV2	1725074	2826607	34.03%	1.538%
57	8.693	576	578	580	rVV2	1420790	3667643	44.16%	1.996%
58	8.750	582	583	585	rVV2	2035846	3726880	44.87%	2.028%
59	8.785	585	586	587	rVV	2449529	2399393	28.89%	1.306%
60	8.808	587	588	592	rVV	2046470	4556410	54.86%	2.479%
61	8.910	592	597	601	rVV3	2125988	8305857	100.00%	4.519%
62	9.002	603	605	607	rVV3	1892374	3312431	39.88%	1.802%
63	9.059	607	610	613	rVV3	1179057	4088228	49.22%	2.224%
64	9.116	613	615	618	rVV	3906270	6049721	72.84%	3.292%
65	9.173	618	620	622	rVV	3391679	4606798	55.46%	2.507%
66	9.208	622	623	624	rVV	958875	1114331	13.42%	0.606%
67	9.253	624	627	629	rVV3	1553829	4005266	48.22%	2.179%
68	9.299	629	631	632	rVV	1264349	2473392	29.78%	1.346%
69	9.368	635	637	639	rVV2	1256745	2335010	28.11%	1.271%
70	9.436	640	643	645	rVV	1551534	3366853	40.54%	1.832%
71	9.482	645	647	648	rVV2	899362	1686950	20.31%	0.918%

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72	9.505	648	649	650	rVV	1554368	1804147	21.72%	0.982%
73	9.539	650	652	653	rVV2	1270465	2455623	29.56%	1.336%
74	9.573	653	655	656	rVV	2930048	3652692	43.98%	1.987%
75	9.596	656	657	658	rVV	969599	1039576	12.52%	0.566%
76	9.630	658	660	666	rVV6	789243	3443751	41.46%	1.874%
77	9.710	666	667	669	rVV2	683771	1030196	12.40%	0.561%
78	9.756	669	671	672	rVV2	631772	1066435	12.84%	0.580%
79	9.790	672	674	675	rVV	445349	797539	9.60%	0.434%
80	9.813	675	676	677	rVV	670777	846315	10.19%	0.460%
81	9.848	677	679	681	rVV	1562892	2160813	26.02%	1.176%
82	9.882	681	682	684	rVV2	516978	796608	9.59%	0.433%
83	9.951	686	688	690	rVV	543465	735691	8.86%	0.400%
84	9.996	690	692	694	rVV2	241940	553122	6.66%	0.301%
85	10.042	694	696	699	rVV2	502419	934641	11.25%	0.509%
86	10.099	699	701	705	rVB3	506446	920608	11.08%	0.501%
87	10.168	705	707	708	rBV	272259	359517	4.33%	0.196%
88	10.248	713	714	717	rVV2	410582	922027	11.10%	0.502%
89	10.305	717	719	720	rVV2	323660	586179	7.06%	0.319%
90	10.385	724	726	733	rVV7	295480	1239187	14.92%	0.674%
91	10.488	733	735	738	rVV	554626	1007061	12.12%	0.548%
92	10.545	738	740	742	rVV2	165144	292614	3.52%	0.159%
93	10.636	746	748	751	rVV	1628455	1767391	21.28%	0.962%
94	10.762	756	759	762	rVB	461143	720905	8.68%	0.392%
95	11.219	797	799	802	rVB	221419	264117	3.18%	0.144%
96	11.334	806	809	811	rBV	949766	1255953	15.12%	0.683%
97	12.911	944	947	950	rBV	2785691	2710754	32.64%	1.475%
98	13.814	1023	1026	1032	rBV	77154	131963	1.59%	0.072%
99	13.974	1037	1040	1042	rVB	911700	1126048	13.56%	0.613%
100	15.391	1161	1164	1177	rVB	708573	1002360	12.07%	0.545%

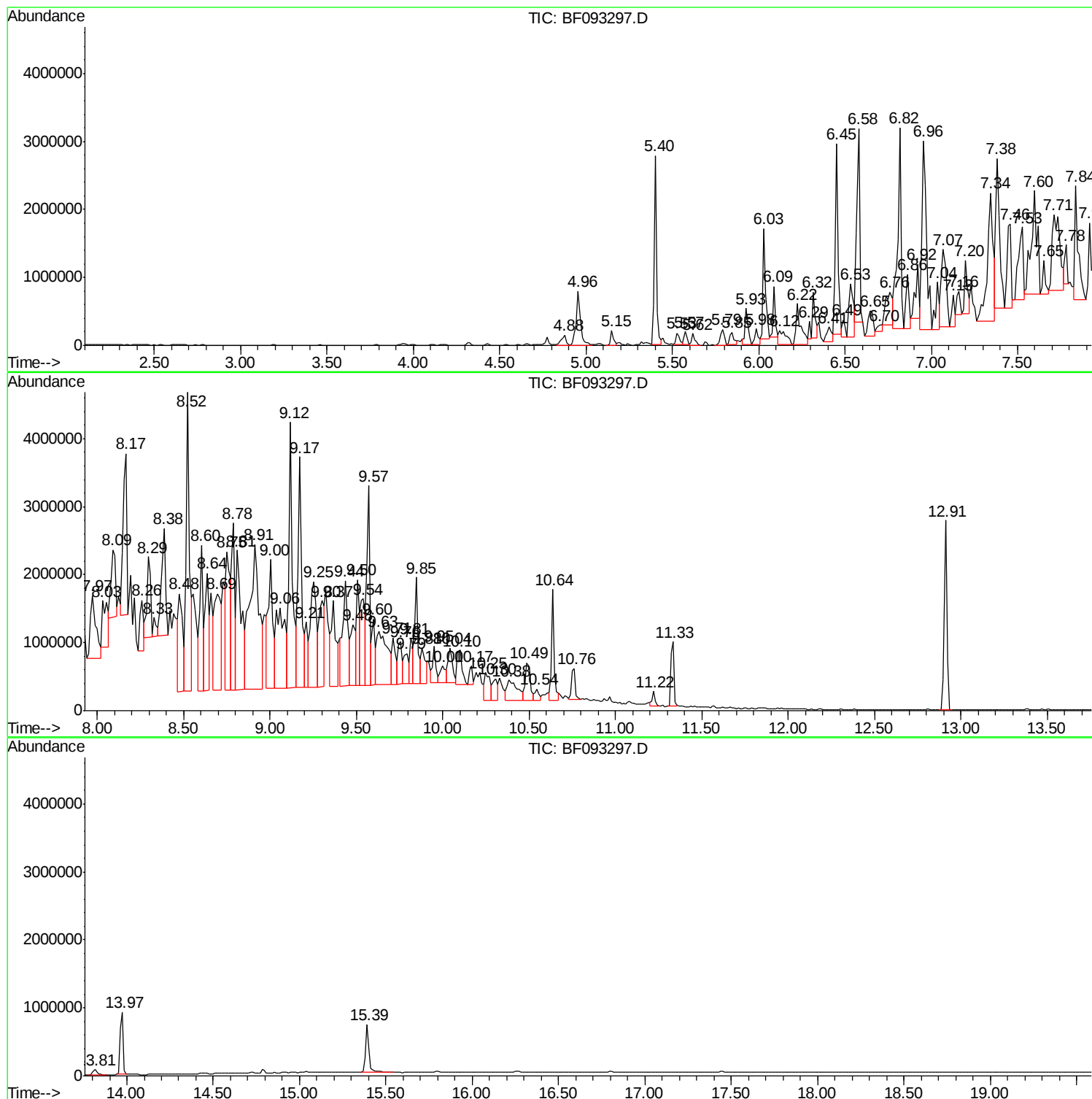
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TIC Library : C:\DATABASE\NIST02.L
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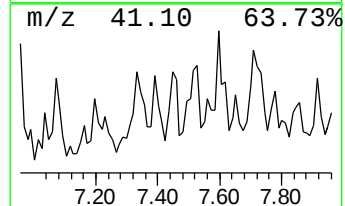
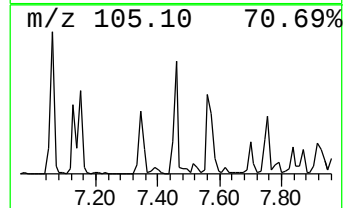
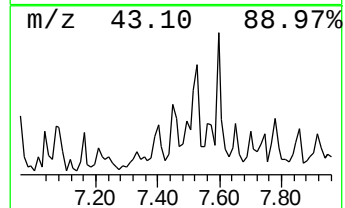
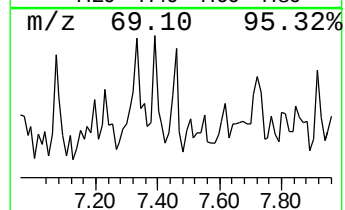
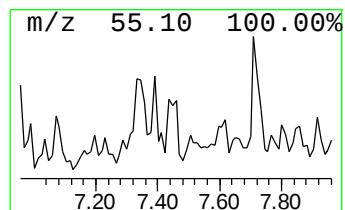
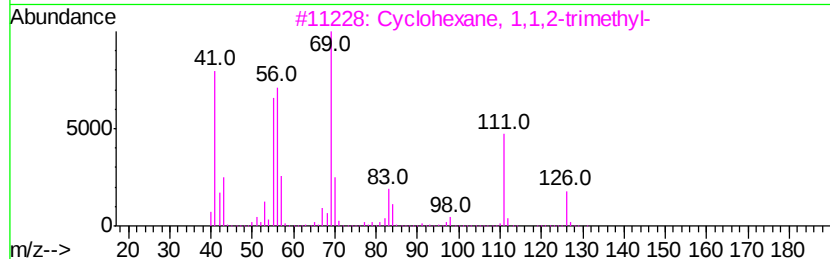
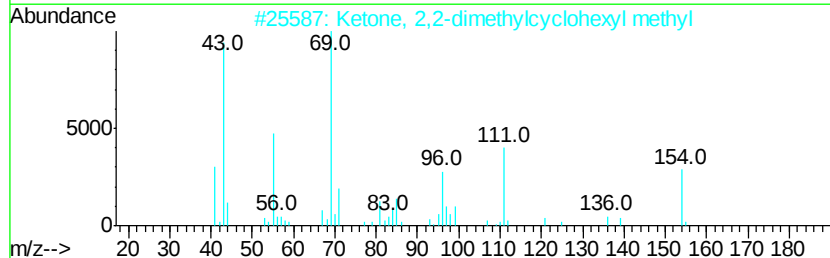
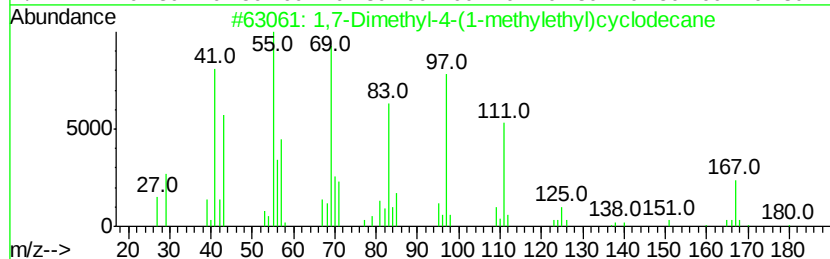
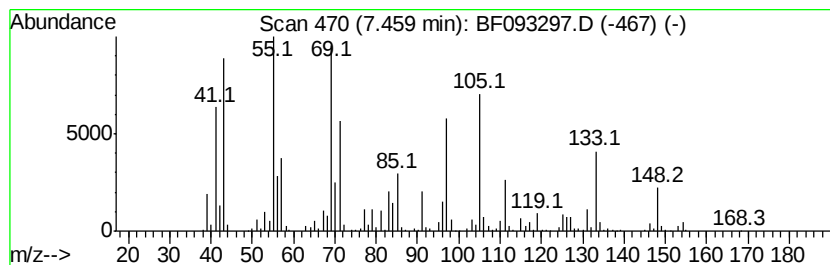
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.46 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	23.44 ng	2080050	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cv...	210	C15H30	000645-10-3	43
2		Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27
5		2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	22



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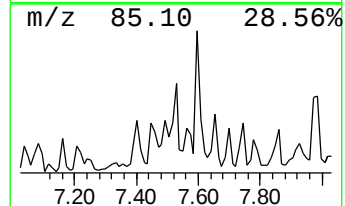
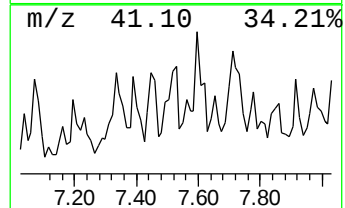
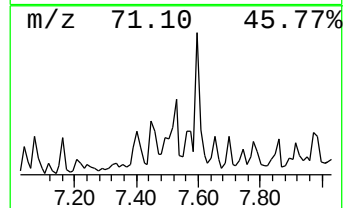
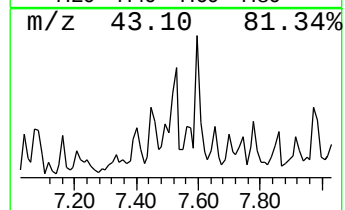
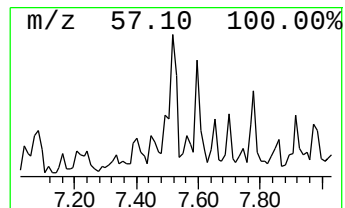
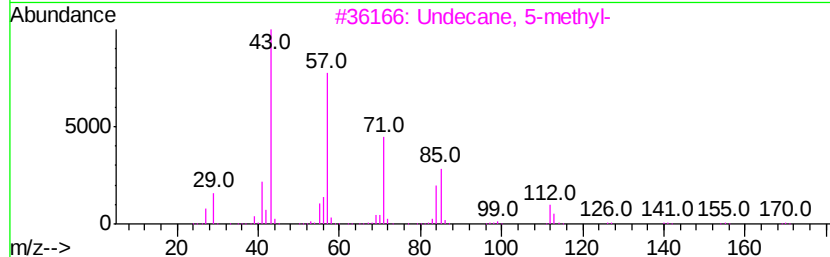
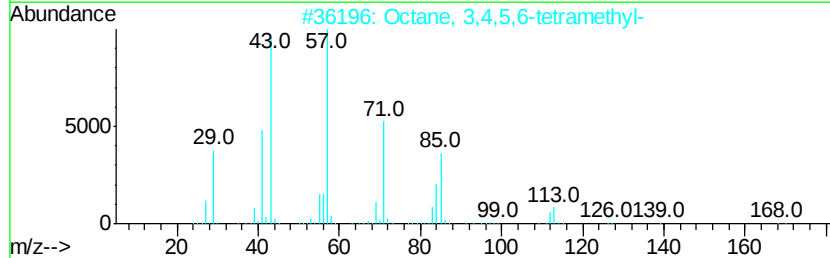
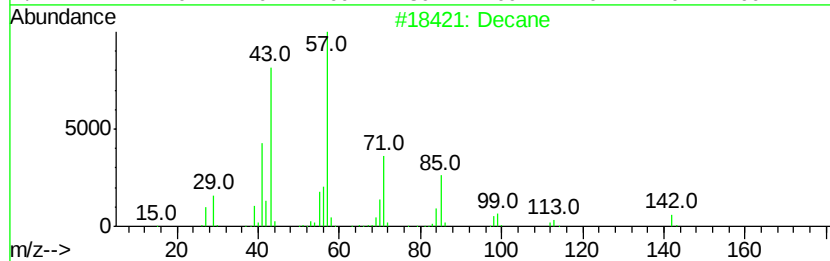
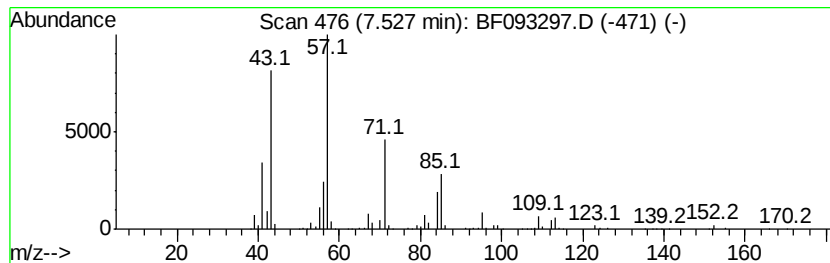
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	24.81 ng	2201610	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	78
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64



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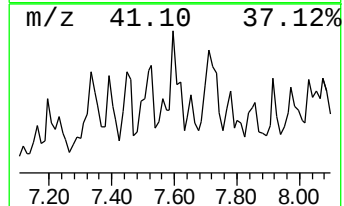
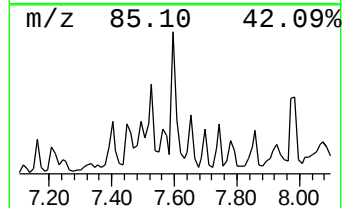
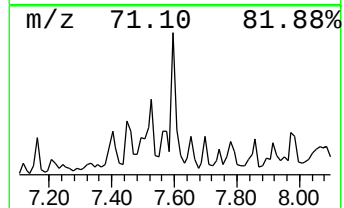
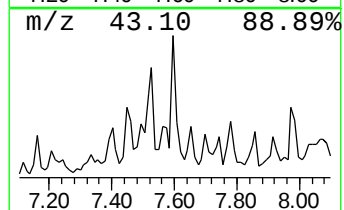
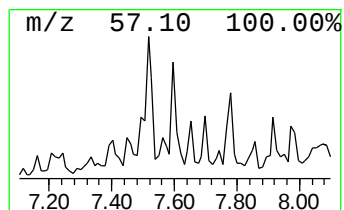
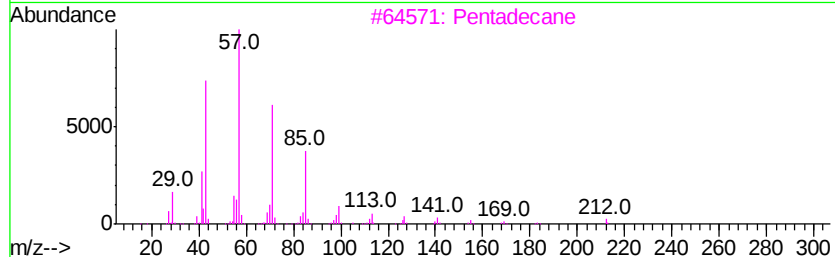
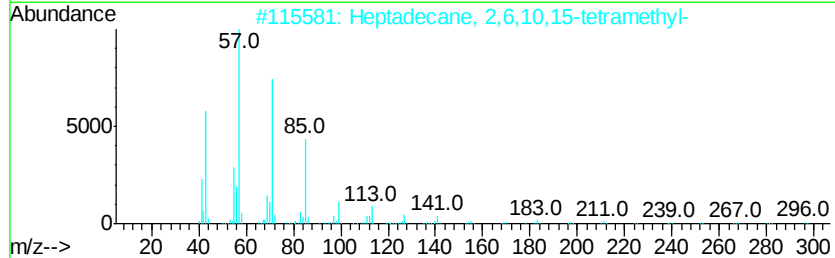
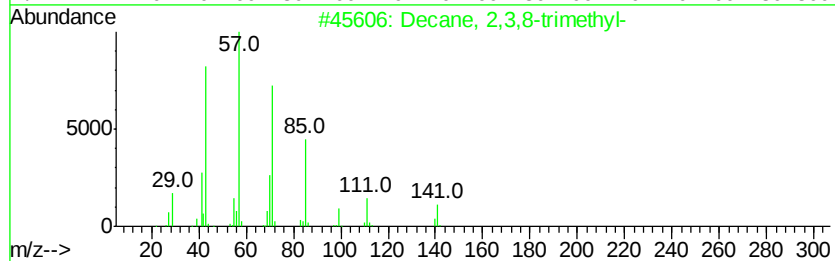
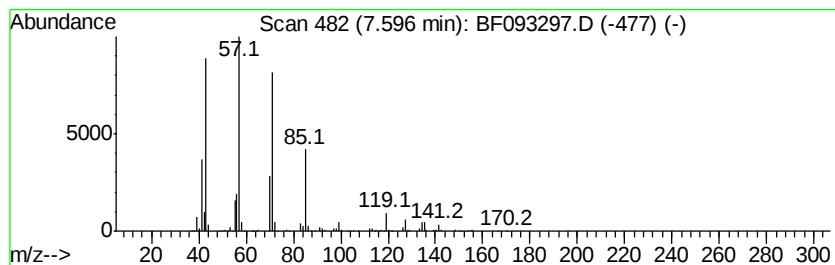
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Peak Number 3 Decane, 2,3,8-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	40.57 ng	3600470	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		Pentadecane	212	C15H32	000629-62-9	64
4		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
Sample : I2002-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(5.5-7.5)

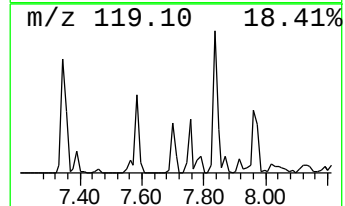
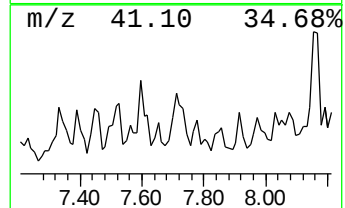
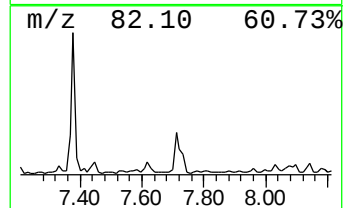
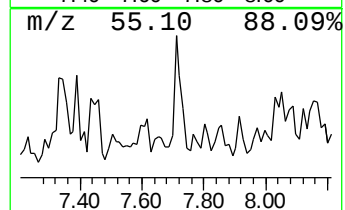
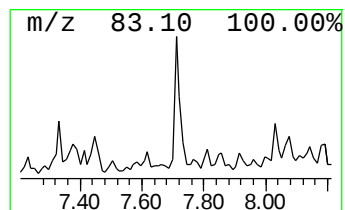
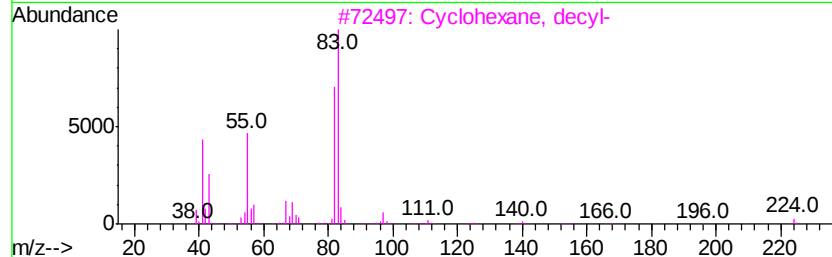
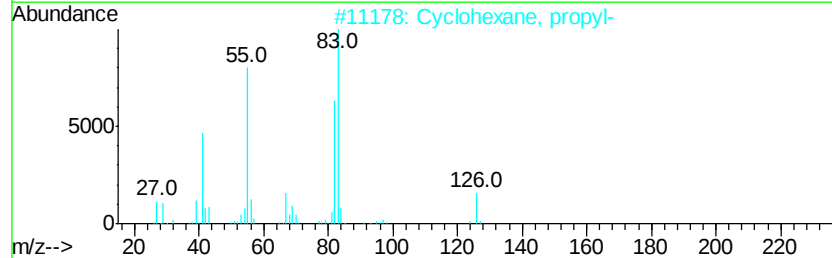
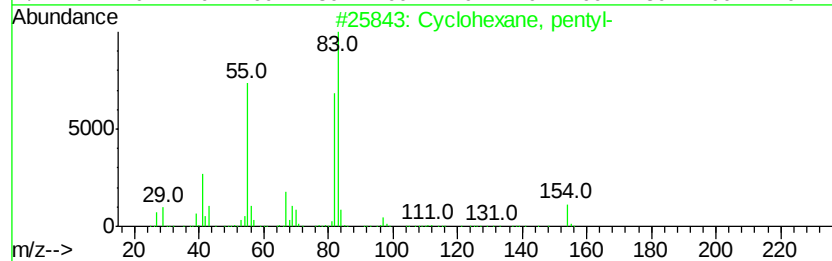
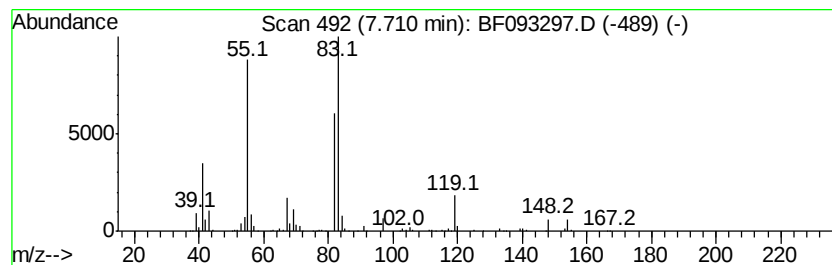
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	42.19 ng	3744100	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	64
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
Sample : I2002-02
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Instrument :
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ClientSampleId :
SSP-8(5.5-7.5)

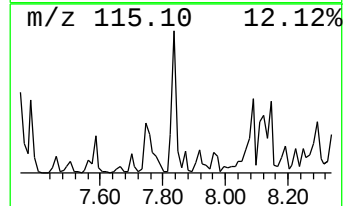
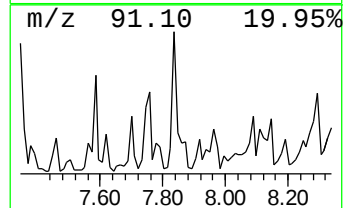
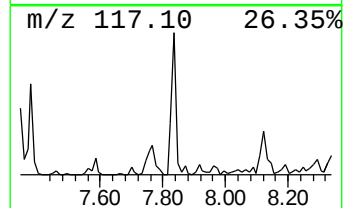
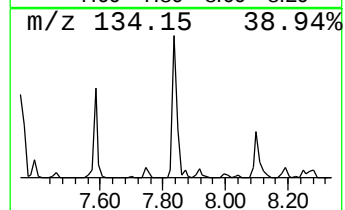
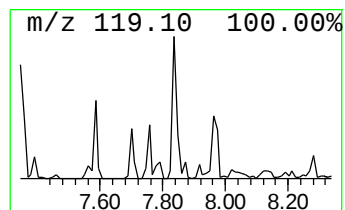
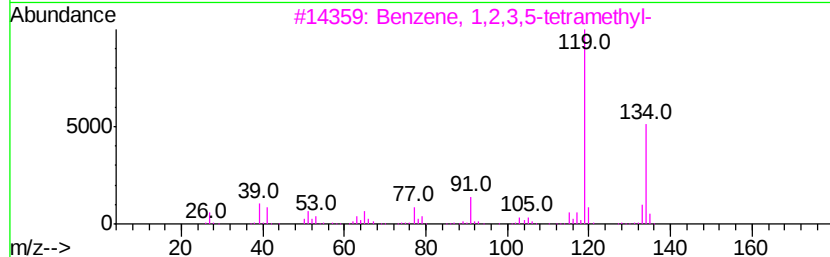
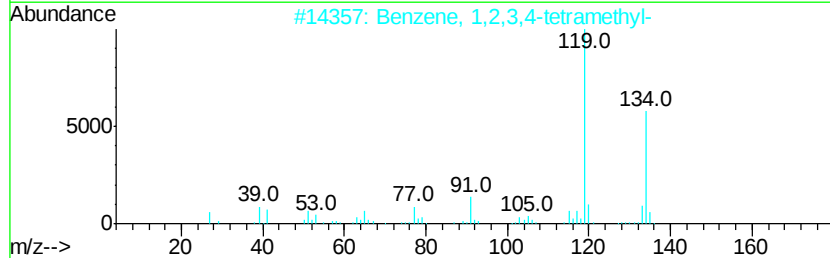
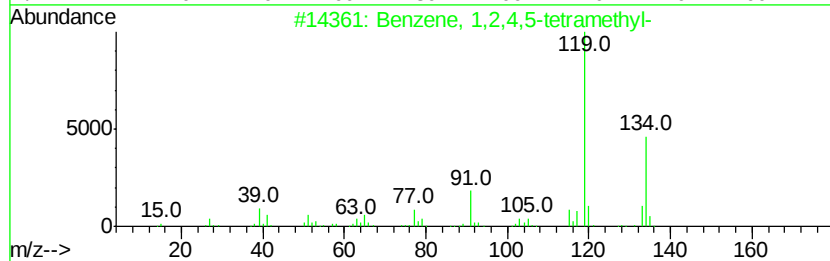
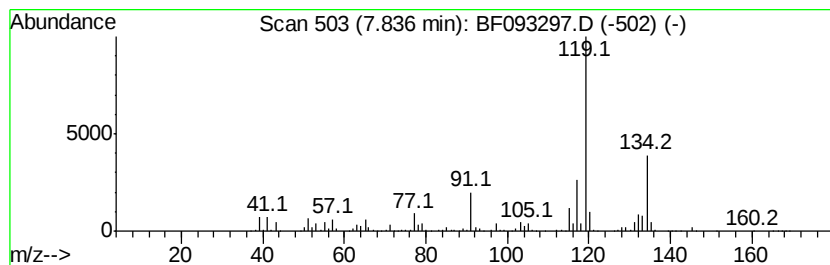
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	26.59 ng	2360280	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
SSP-8(5.5-7.5)

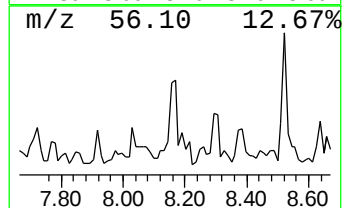
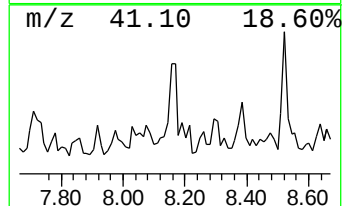
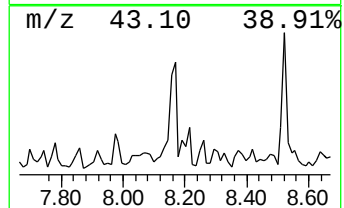
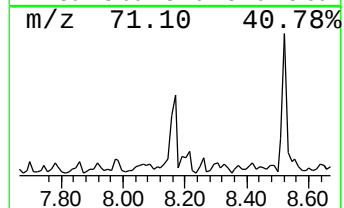
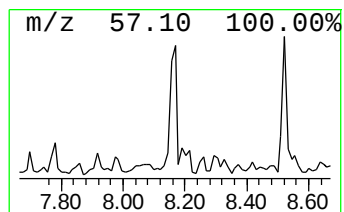
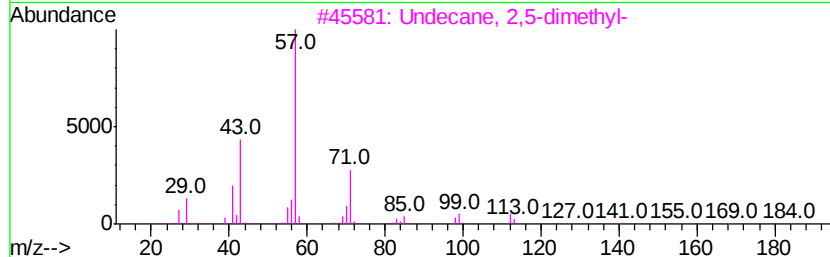
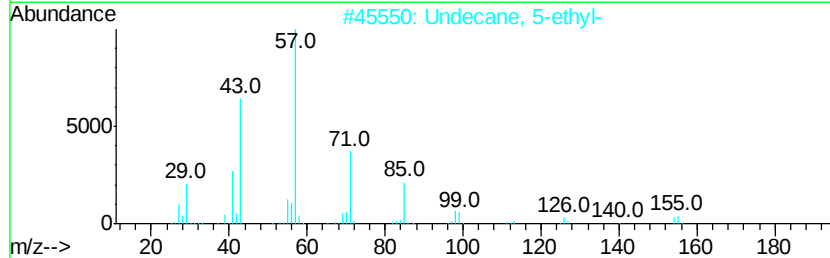
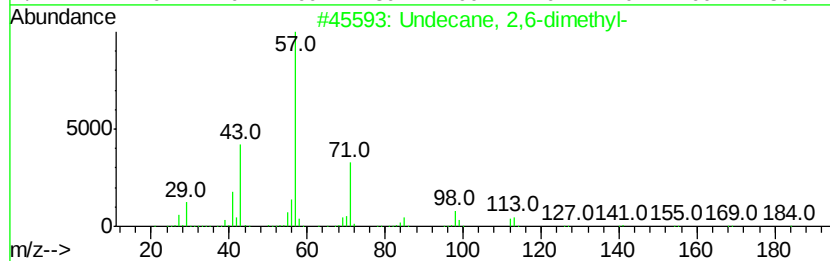
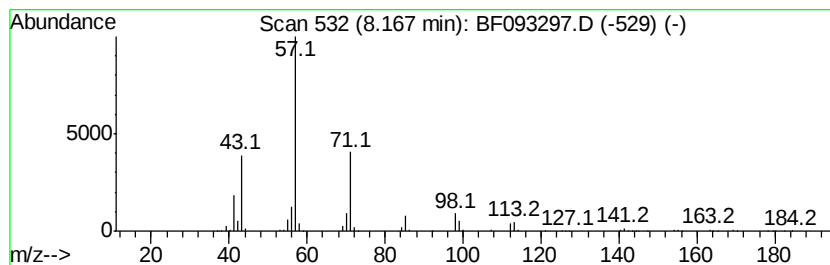
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	40.75 ng	3616160	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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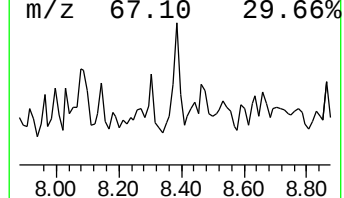
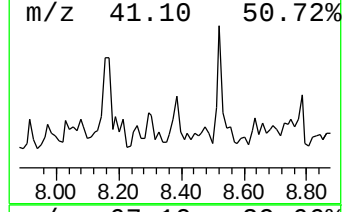
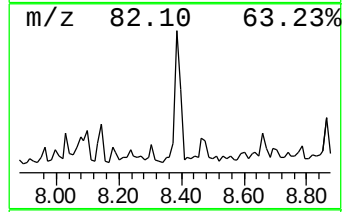
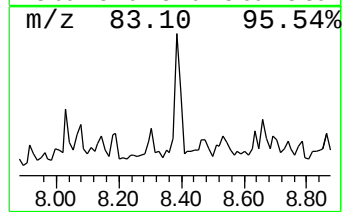
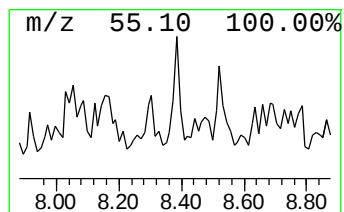
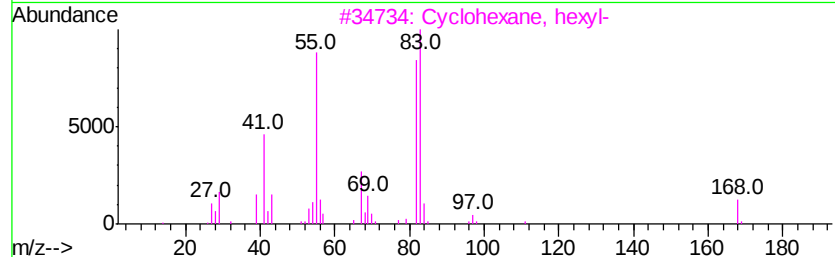
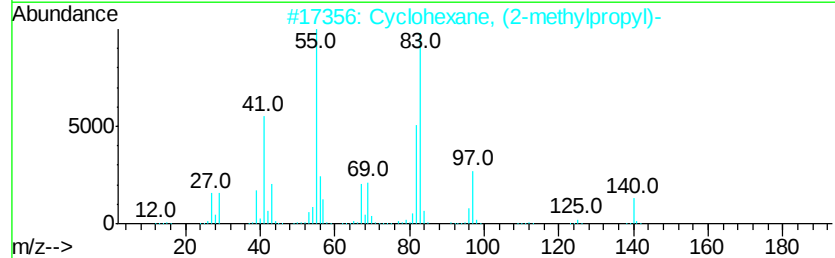
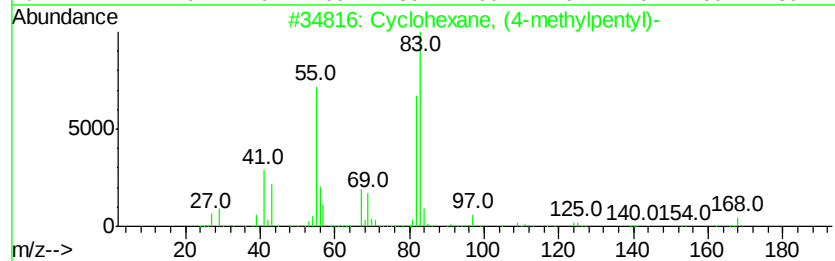
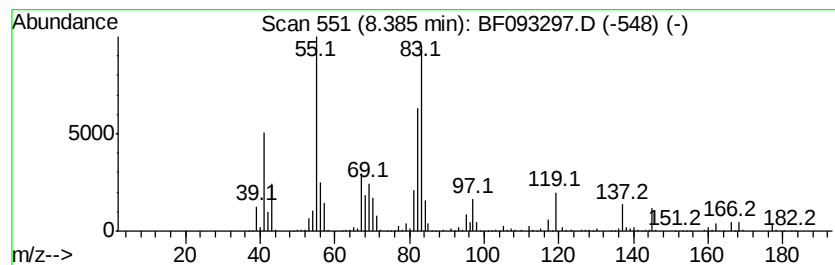
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	25.32 ng	2247380	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
Sample : I2002-02
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Instrument :
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ClientSampleId :
SSP-8(5.5-7.5)

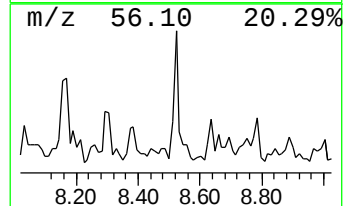
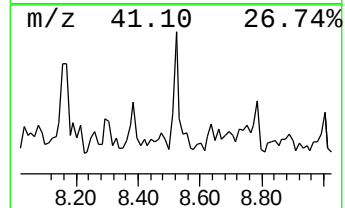
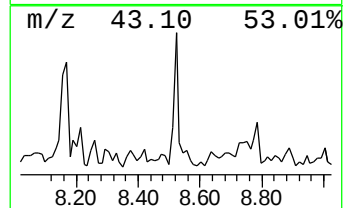
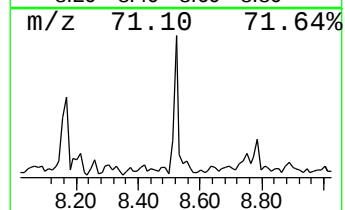
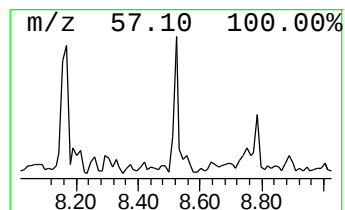
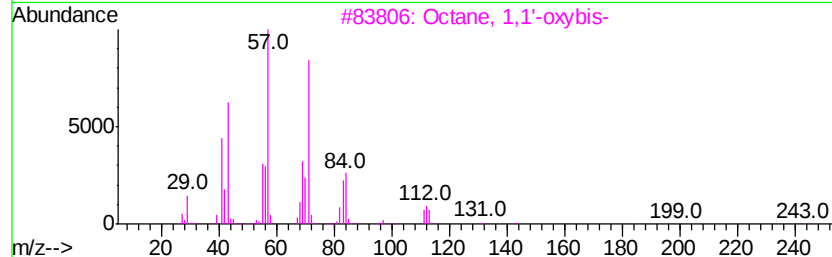
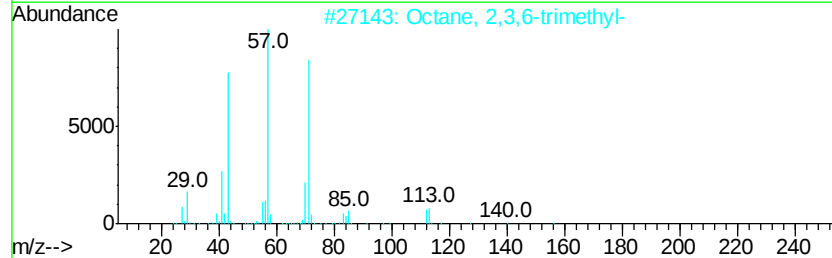
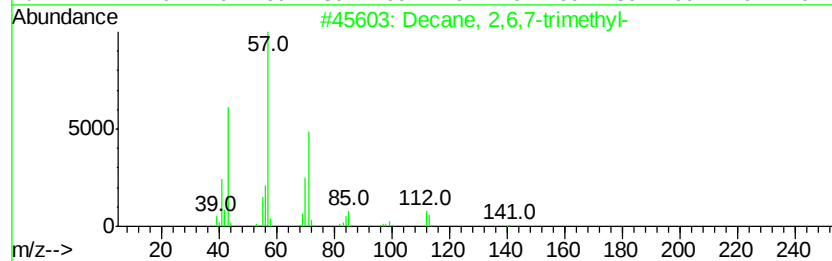
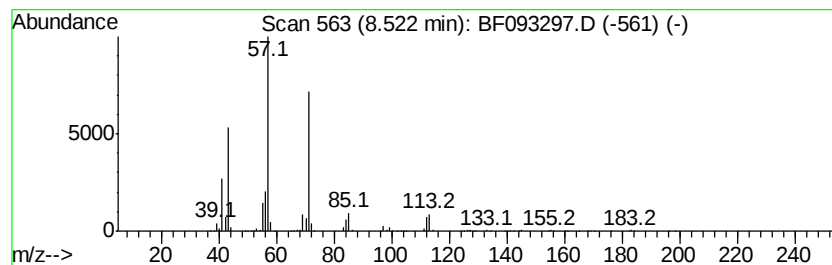
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	71.45 ng	6341380	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
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ClientSampleId :
SSP-8(5.5-7.5)

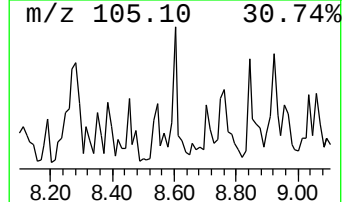
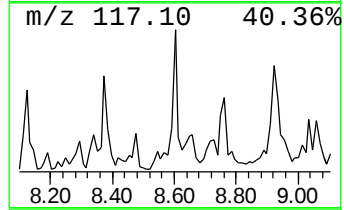
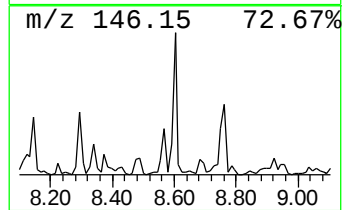
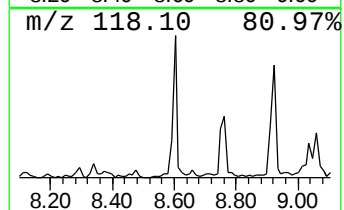
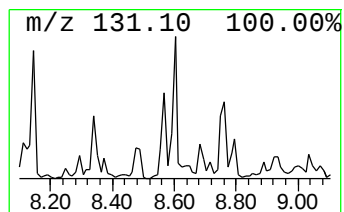
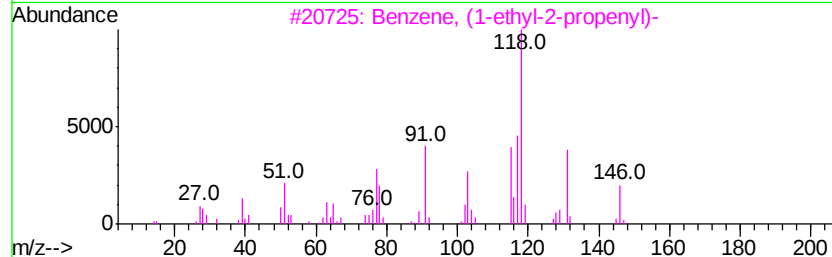
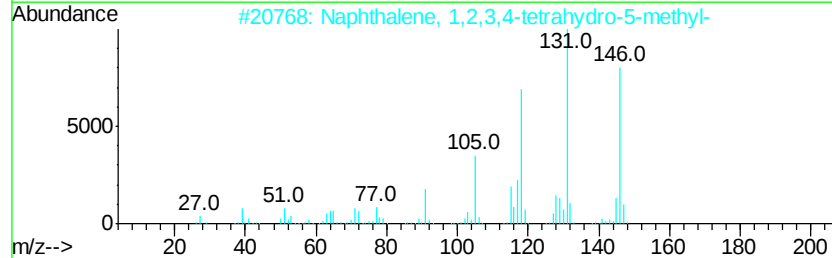
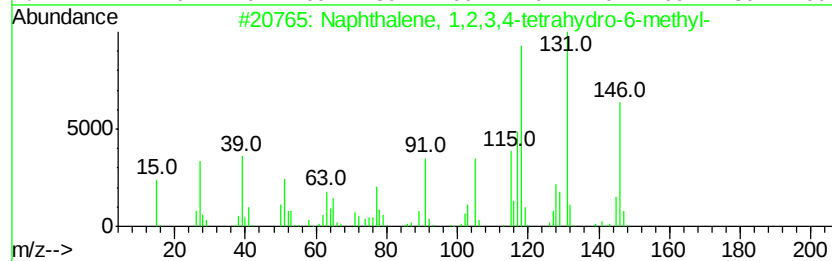
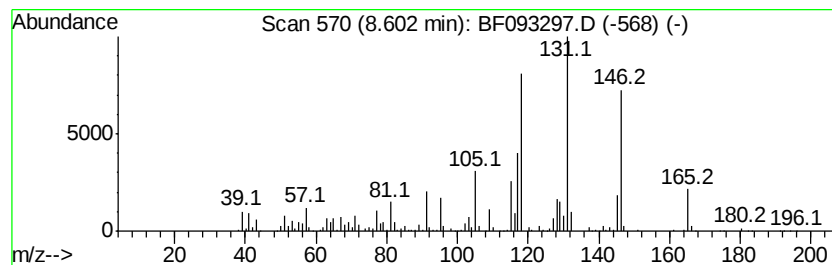
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	32.88 ng	2917850	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093297.D
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ALS Vial : 11 Sample Multiplier: 1

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SSP-8(5.5-7.5)

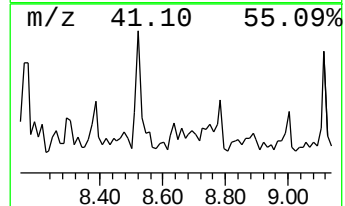
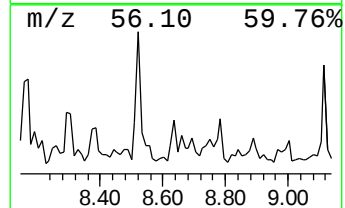
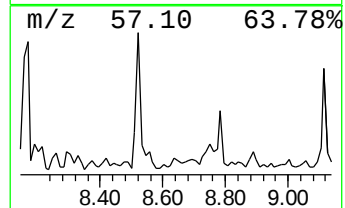
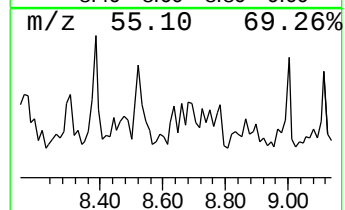
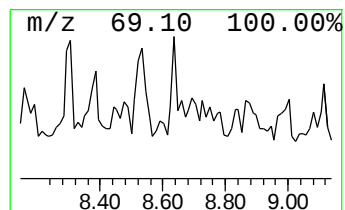
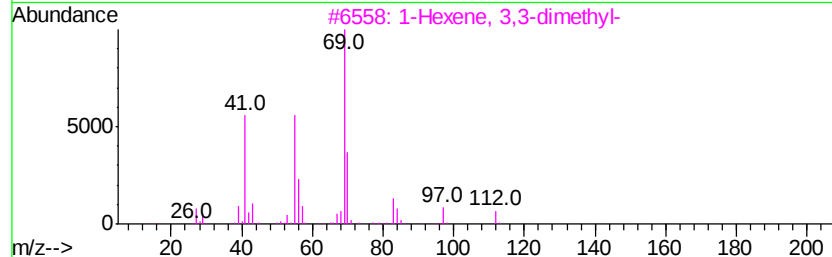
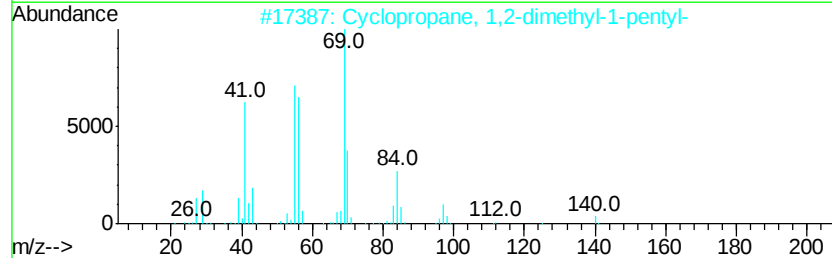
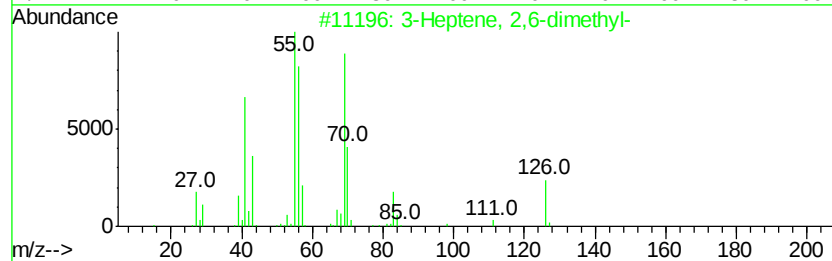
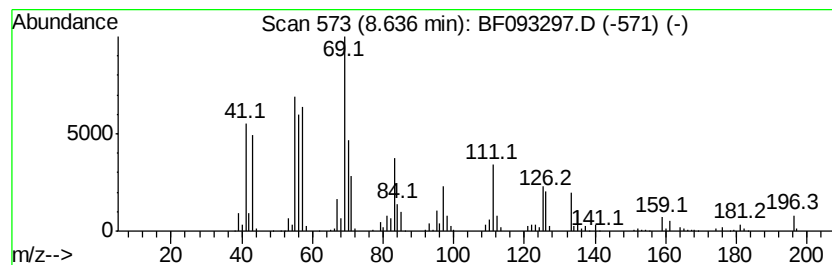
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Heptene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	31.85 ng	2826610	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
2		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
Sample : I2002-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(5.5-7.5)

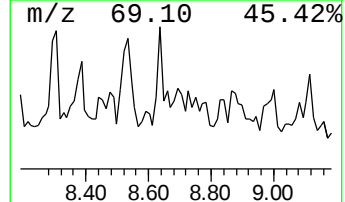
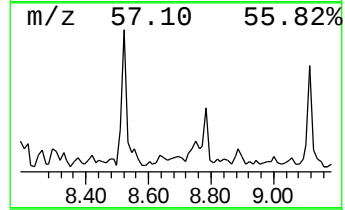
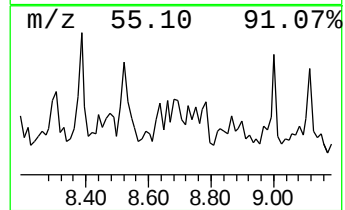
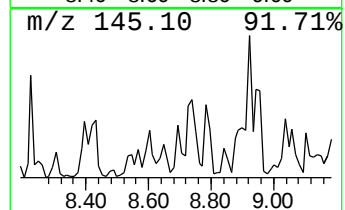
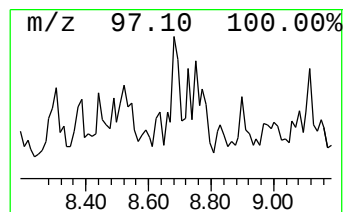
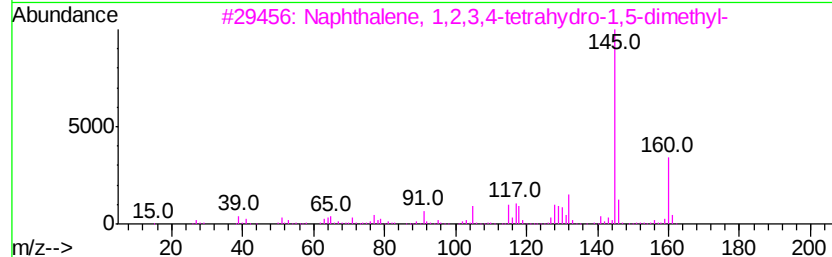
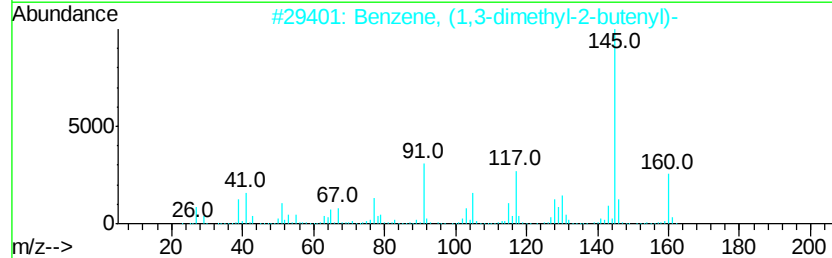
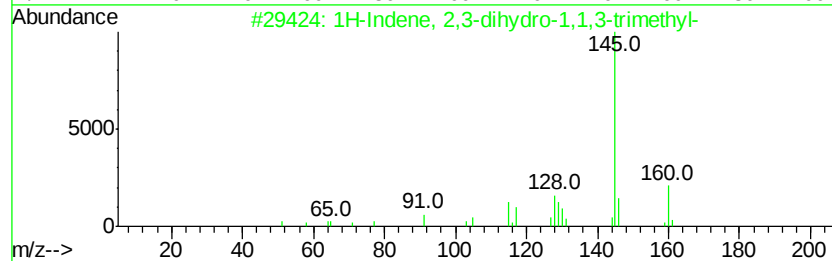
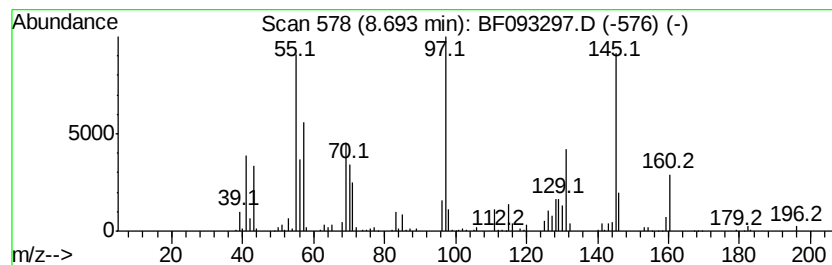
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	41.33 ng	3667640	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	45
2		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	43
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	43
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
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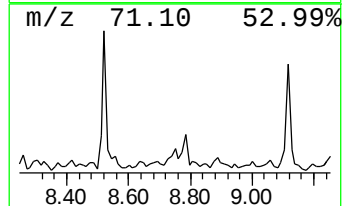
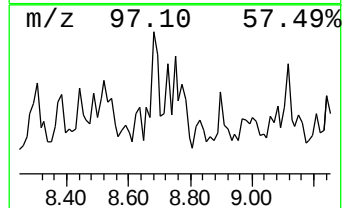
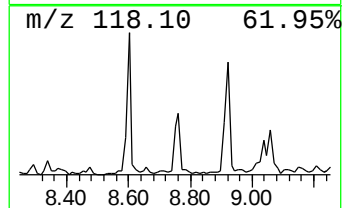
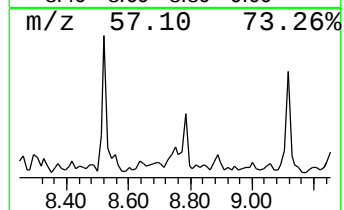
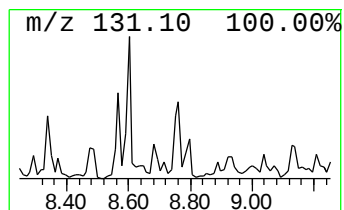
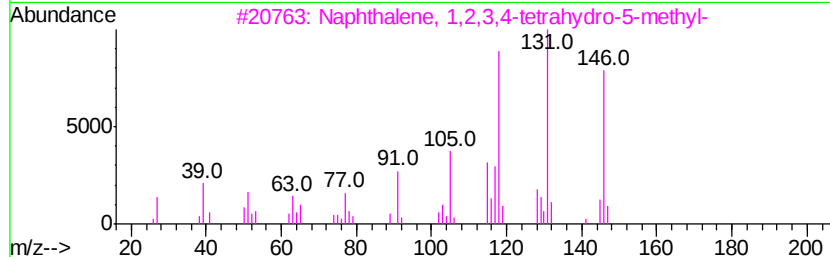
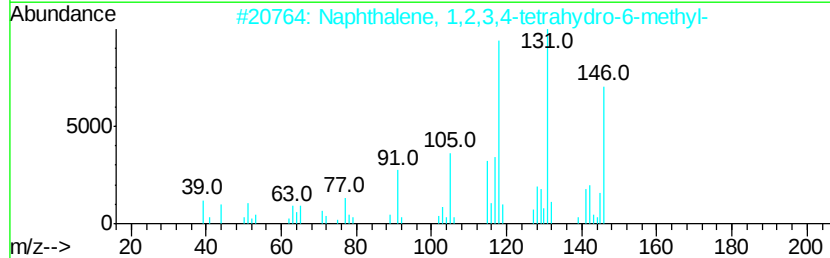
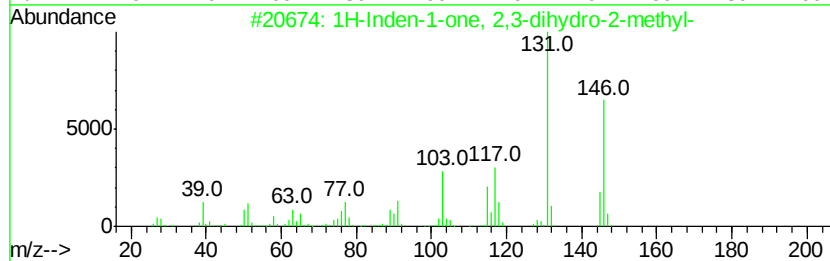
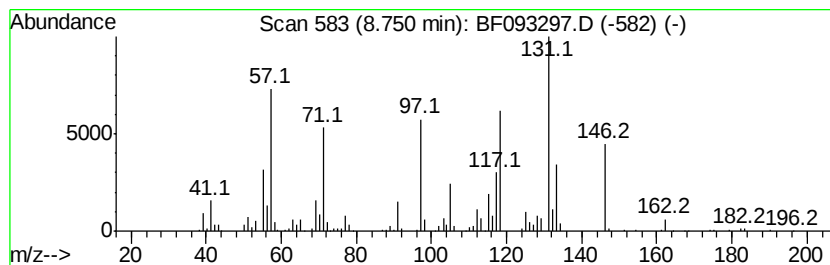
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	41.99 ng	3726880	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	55
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	43
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	41
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
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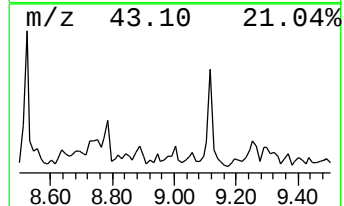
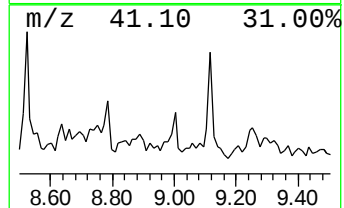
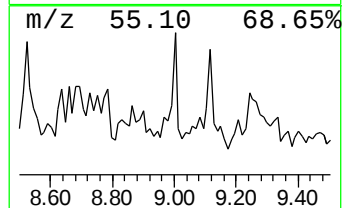
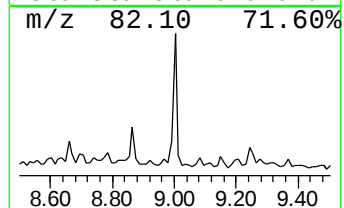
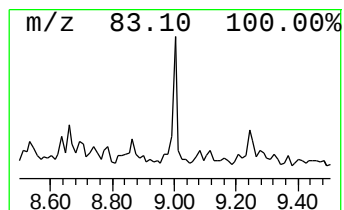
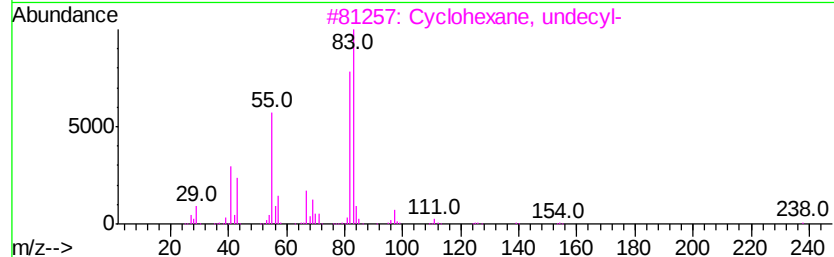
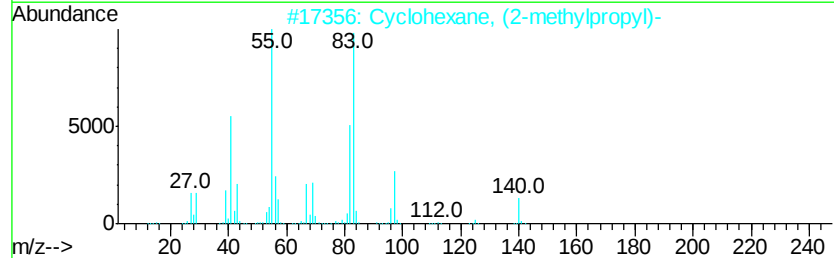
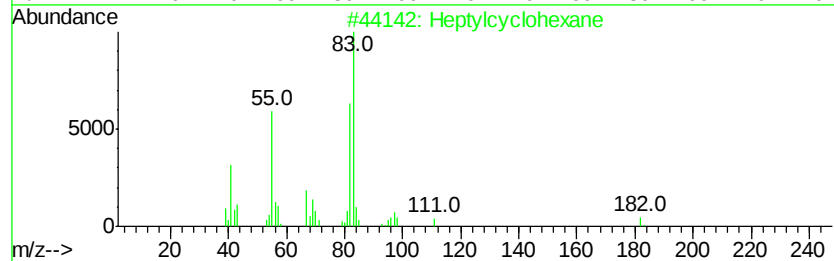
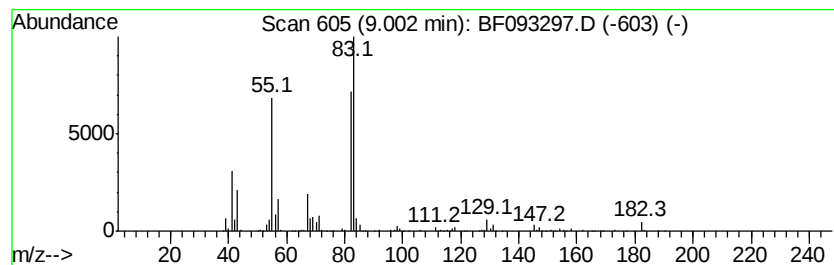
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	30.66 ng	3312430	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 78
2		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 78
3		Cyclohexane, undecyl-	238 C17H34	054105-66-7 72
4		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 72
5		Cyclohexane, propyl-	126 C9H18	001678-92-8 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSP-8(5.5-7.5)

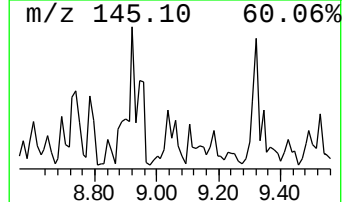
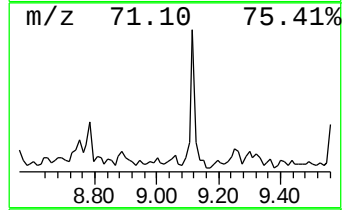
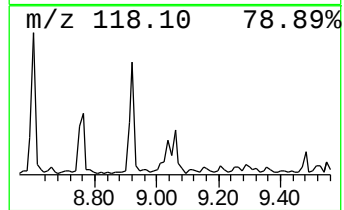
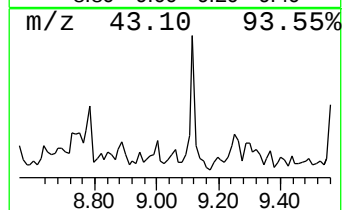
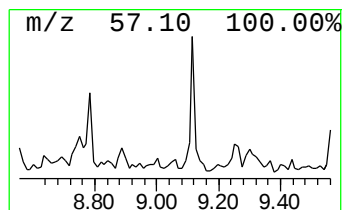
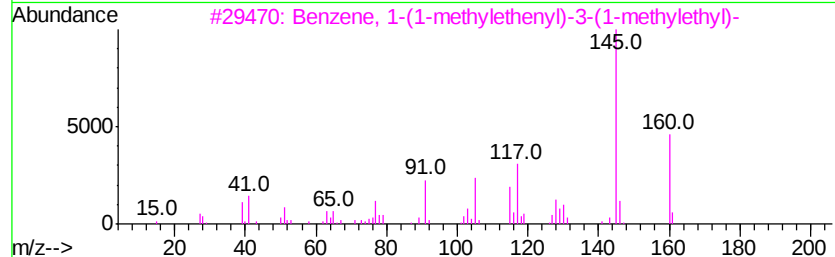
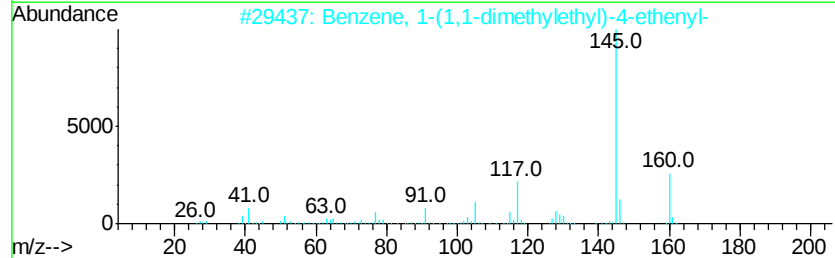
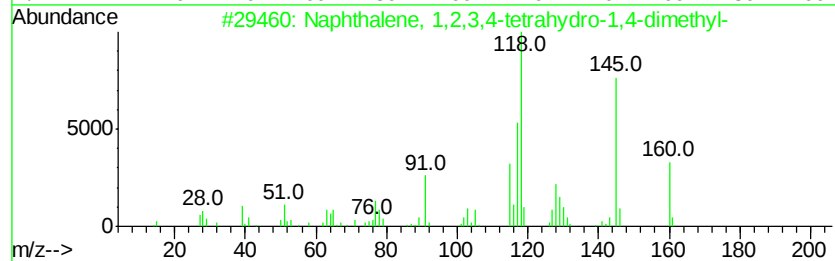
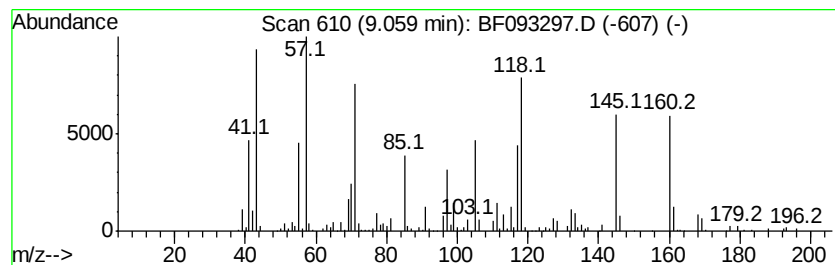
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	37.84 ng	4088230	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
2		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	30
3		Benzene, 1-(1-methylethyl)-3-(...	160	C12H16	001129-29-9	25
4		Tetratetracontane	619	C44H90	007098-22-8	22
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
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Operator : SJ/MA
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ClientSampleId :
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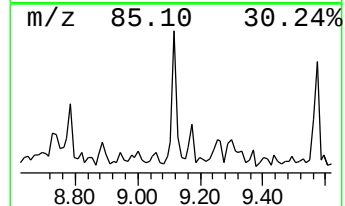
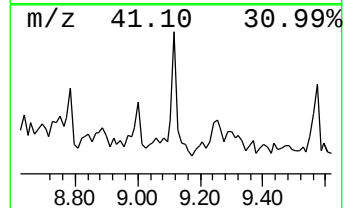
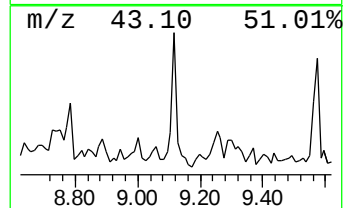
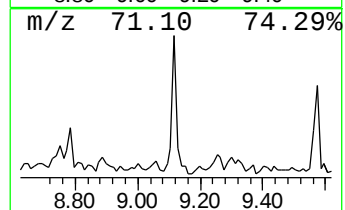
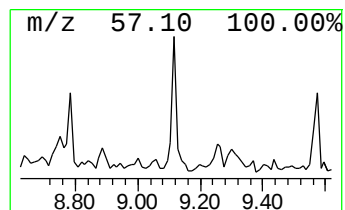
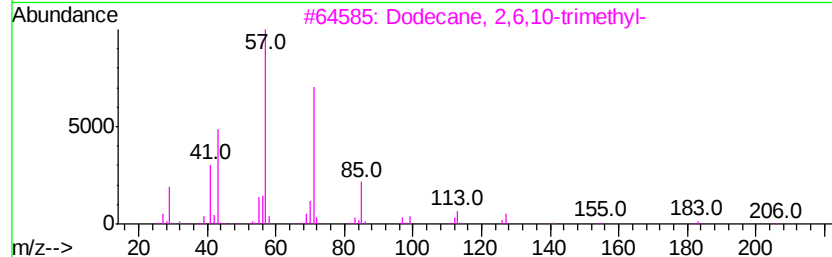
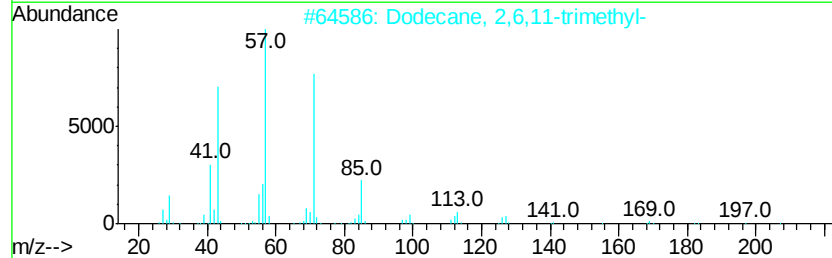
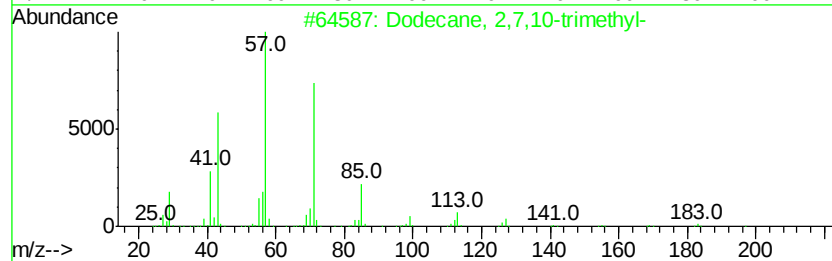
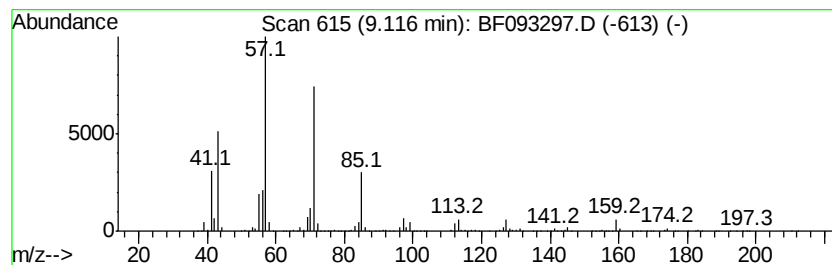
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	55.99 ng	6049720	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
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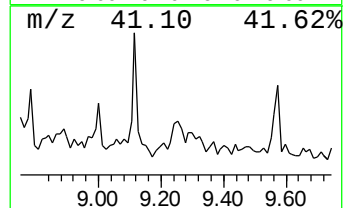
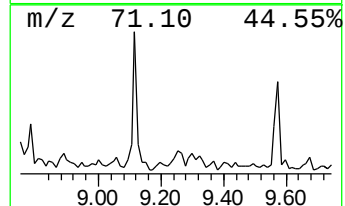
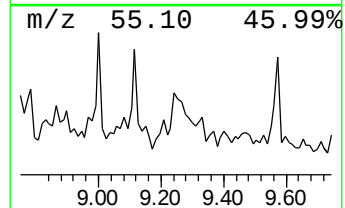
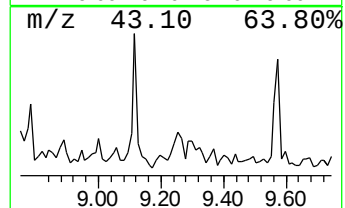
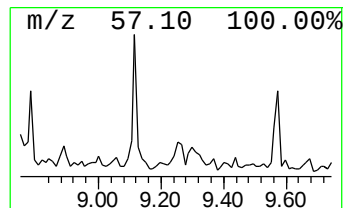
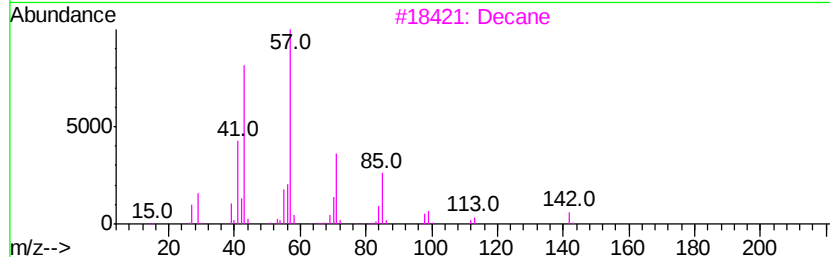
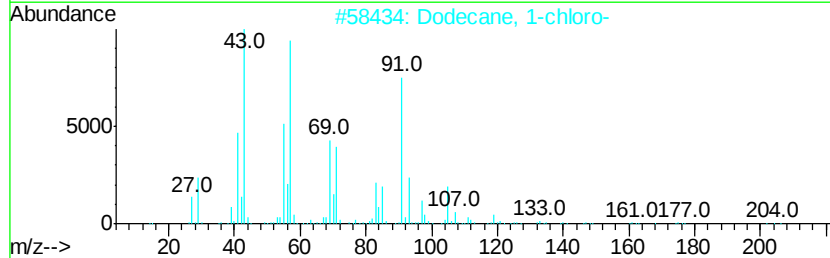
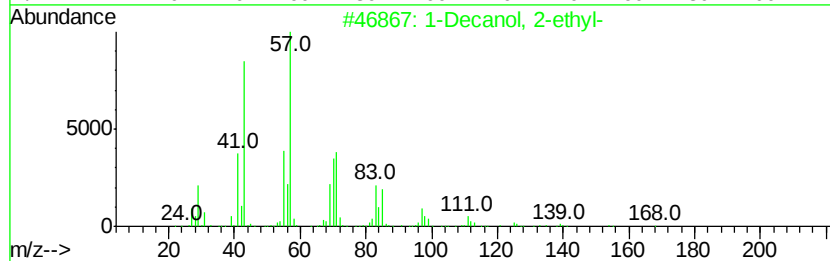
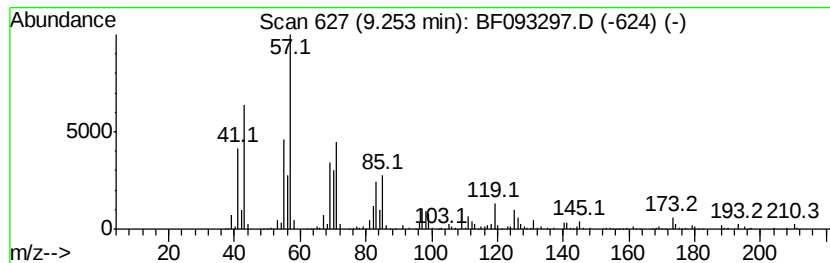
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Decanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	37.07 ng	4005270	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Decanol, 2-ethyl-	186 C12H26O	021078-65-9 72
2		Dodecane, 1-chloro-	204 C12H25Cl	000112-52-7 68
3		Decane	142 C10H22	000124-18-5 60
4		Heptane, 2,4-dimethyl-	128 C9H20	002213-23-2 52
5		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
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Sample : I2002-02
Misc :
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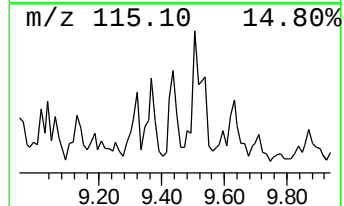
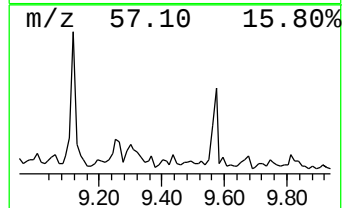
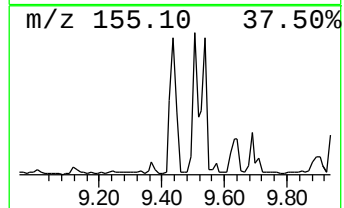
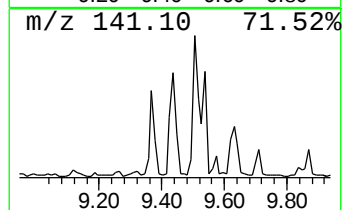
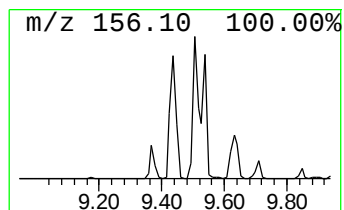
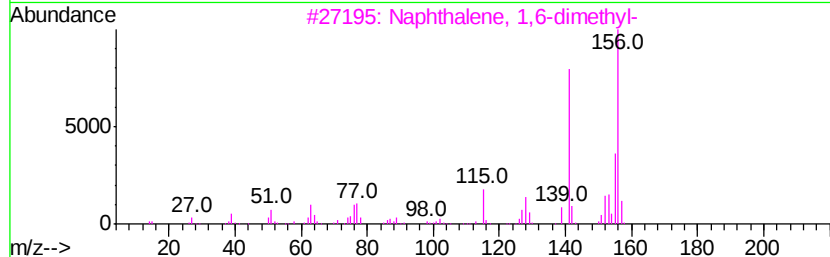
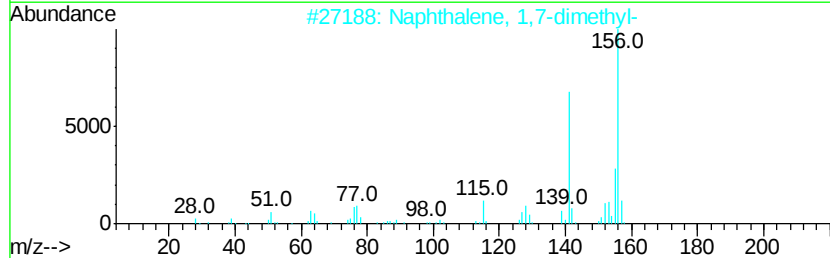
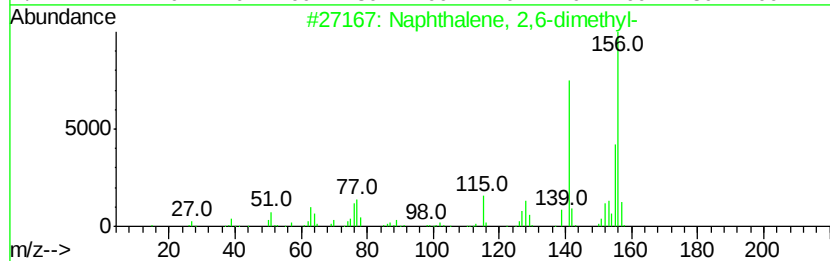
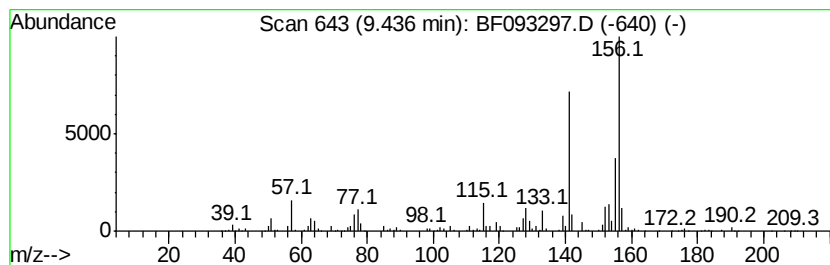
Instrument :
BNA_F
ClientSampleId :
SSP-8(5.5-7.5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	31.16 ng	3366850	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093297.D
Acq On : 1 Mar 2017 18:50
Operator : SJ/MA
Sample : I2002-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSP-8(5.5-7.5)

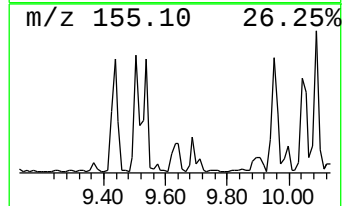
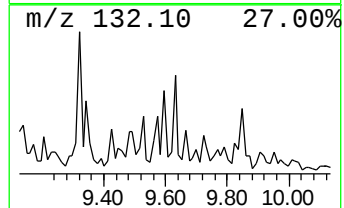
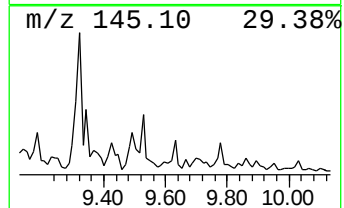
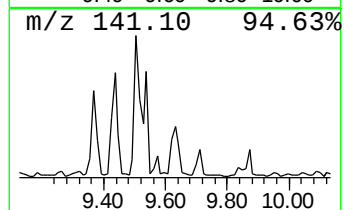
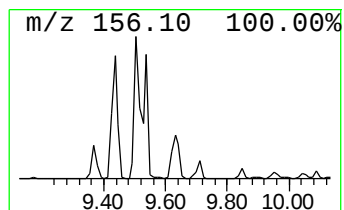
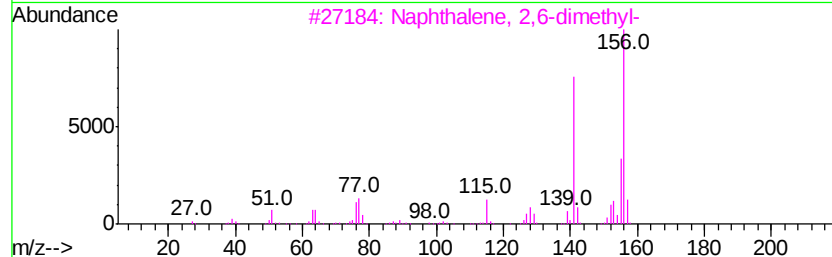
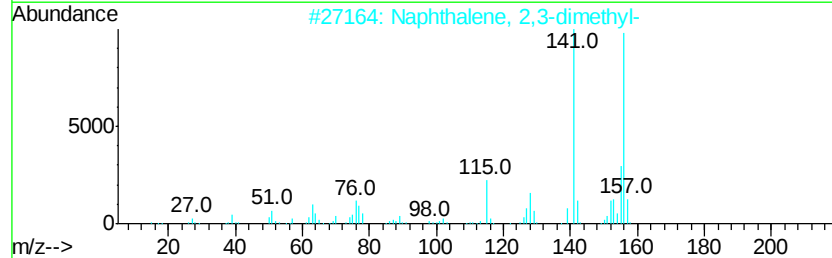
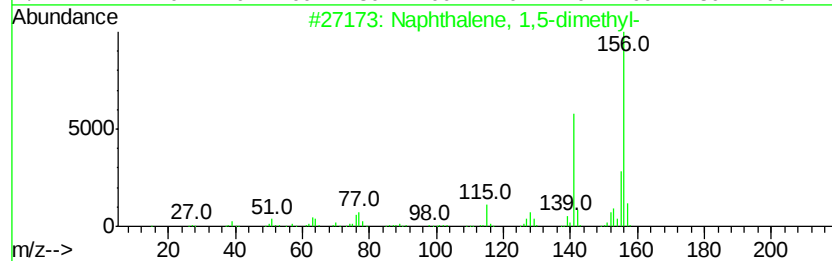
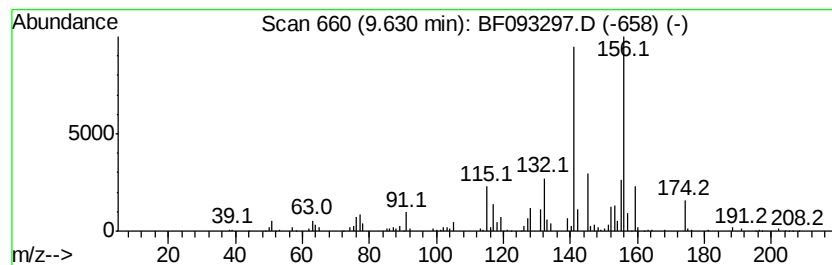
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	31.87 ng	3443750	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093297.D
 Acq On : 1 Mar 2017 18:50
 Operator : SJ/MA
 Sample : I2002-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(5.5-7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
unknown7.46	7.46	23.4	ng	2080050	2	8.10	1775000	20.0
Decane	7.53	24.8	ng	2201610	2	8.10	1775000	20.0
Decane, 2,3,8-tri...	7.60	40.6	ng	3600470	2	8.10	1775000	20.0
Cyclohexane, pentyl-	7.71	42.2	ng	3744100	2	8.10	1775000	20.0
Benzene, 1,2,4,5-...	7.84	26.6	ng	2360280	2	8.10	1775000	20.0
Undecane, 2,6-dim...	8.17	40.8	ng	3616160	2	8.10	1775000	20.0
Cyclohexane, (4-m...	8.38	25.3	ng	2247380	2	8.10	1775000	20.0
Decane, 2,6,7-tri...	8.52	71.5	ng	6341380	2	8.10	1775000	20.0
Naphthalene, 1,2,...	8.60	32.9	ng	2917850	2	8.10	1775000	20.0
3-Heptene, 2,6-di...	8.64	31.9	ng	2826610	2	8.10	1775000	20.0
unknown8.69	8.69	41.3	ng	3667640	2	8.10	1775000	20.0
1H-Inden-1-one, 2...	8.75	42.0	ng	3726880	2	8.10	1775000	20.0
Heptylcyclohexane	9.00	30.7	ng	3312430	3	9.85	2160810	20.0
unknown9.06	9.06	37.8	ng	4088230	3	9.85	2160810	20.0
Dodecane, 2,7,10-...	9.12	56.0	ng	6049720	3	9.85	2160810	20.0
1-Decanol, 2-ethyl-	9.25	37.1	ng	4005270	3	9.85	2160810	20.0
Naphthalene, 2,6-...	9.44	31.2	ng	3366850	3	9.85	2160810	20.0
Naphthalene, 1,5-...	9.63	31.9	ng	3443750	3	9.85	2160810	20.0