

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107967.D
 Acq On : 4 Aug 2018 5:00
 Operator : JU/SJ
 Sample : J4297-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	4.013	276	285	292	rBV4	160960	328707	2.73%	0.394%
2	4.149	301	308	314	rVB	130561	193725	1.61%	0.232%
3	4.301	325	334	338	rBV	162207	255830	2.12%	0.306%
4	4.601	378	385	387	rBV	431672	569849	4.73%	0.682%
5	4.625	387	389	398	rVV2	198166	219995	1.82%	0.263%
6	5.007	450	454	461	rVB	417357	456845	3.79%	0.547%
7	5.090	461	468	470	rBV2	328231	511185	4.24%	0.612%
8	5.119	470	473	477	rVB	498353	543939	4.51%	0.651%
9	5.172	477	482	488	rBV2	707209	1127840	9.36%	1.350%
10	5.225	488	491	496	rVB2	138749	179931	1.49%	0.215%
11	5.290	500	502	509	rVB	114118	132239	1.10%	0.158%
12	5.360	509	514	518	rBV3	435411	758603	6.29%	0.908%
13	5.443	524	528	530	rBV	609213	708701	5.88%	0.849%
14	5.466	530	532	538	rVV	652377	647707	5.37%	0.776%
15	5.513	538	540	542	rVV	140135	135036	1.12%	0.162%
16	5.543	542	545	551	rVV2	1453749	2147724	17.82%	2.572%
17	5.596	551	554	560	rVV	945512	1494110	12.39%	1.789%
18	5.643	560	562	569	rVB	263901	305728	2.54%	0.366%
19	5.719	571	575	580	rBV2	409484	701516	5.82%	0.840%
20	5.766	580	583	586	rVB	546492	479181	3.97%	0.574%
21	5.807	586	590	594	rBV2	902931	1100720	9.13%	1.318%
22	5.854	594	598	611	rVB	2726386	3553461	29.48%	4.255%
23	5.972	611	618	621	rBV3	633256	933352	7.74%	1.118%
24	6.007	621	624	632	rVB3	316629	522123	4.33%	0.625%
25	6.090	635	638	639	rBV	350455	301188	2.50%	0.361%
26	6.107	639	641	645	rVB3	542883	482840	4.01%	0.578%
27	6.143	645	647	650	rVB2	285586	288217	2.39%	0.345%
28	6.190	650	655	662	rBV2	1773463	4058844	33.67%	4.860%
29	6.243	662	664	668	rVB	834225	815762	6.77%	0.977%
30	6.307	673	675	678	rVB	205058	192059	1.59%	0.230%
31	6.384	683	688	691	rBV3	824889	1387837	11.51%	1.662%
32	6.419	691	694	695	rBV2	572158	594104	4.93%	0.711%
33	6.442	695	698	700	rVV	994571	897463	7.44%	1.075%
34	6.478	700	704	711	rVV3	2281670	4675678	38.79%	5.598%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.531	711	713	715	rVV	1351426	1340951	11.12%	1.606%
36	6.554	715	717	722	rVB2	1116536	1333138	11.06%	1.596%
37	6.601	722	725	727	rBV2	984434	1041837	8.64%	1.247%
38	6.637	729	731	735	rVV2	775895	1088999	9.03%	1.304%
39	6.690	735	740	744	rVV3	727574	1575731	13.07%	1.887%
40	6.737	744	748	752	rVV3	1302639	2160147	17.92%	2.586%
41	6.784	752	756	767	rVB2	4947514	12055034	100.00%	14.434%
42	6.954	782	785	788	rBV	1711464	2128009	17.65%	2.548%
43	7.013	793	795	801	rVB2	530642	518400	4.30%	0.621%
44	7.095	805	809	811	rBV2	1294548	1838342	15.25%	2.201%
45	7.225	824	831	833	rBV3	2625696	4611734	38.26%	5.522%
46	7.278	837	840	847	rVV2	1770864	4521931	37.51%	5.414%
47	7.348	847	852	855	rVV3	971422	1964628	16.30%	2.352%
48	7.495	874	877	881	rBV	1053579	1948745	16.17%	2.333%
49	7.742	915	919	920	rBV3	1038072	1493737	12.39%	1.789%
50	12.577	1737	1741	1744	rBV	3093754	4035955	33.48%	4.832%
51	12.942	1799	1803	1805	rVB	2562103	2596111	21.54%	3.108%
52	13.095	1826	1829	1833	rVB	1467201	1585009	13.15%	1.898%
53	13.289	1858	1862	1865	rVB	1806996	1609900	13.35%	1.928%
54	13.548	1904	1906	1911	rVB	441611	424288	3.52%	0.508%
55	13.630	1917	1920	1923	rVB	916978	838109	6.95%	1.004%
56	13.954	1973	1975	1982	rVB	566410	610029	5.06%	0.730%
57	14.160	2007	2010	2017	rBV	383603	494224	4.10%	0.592%

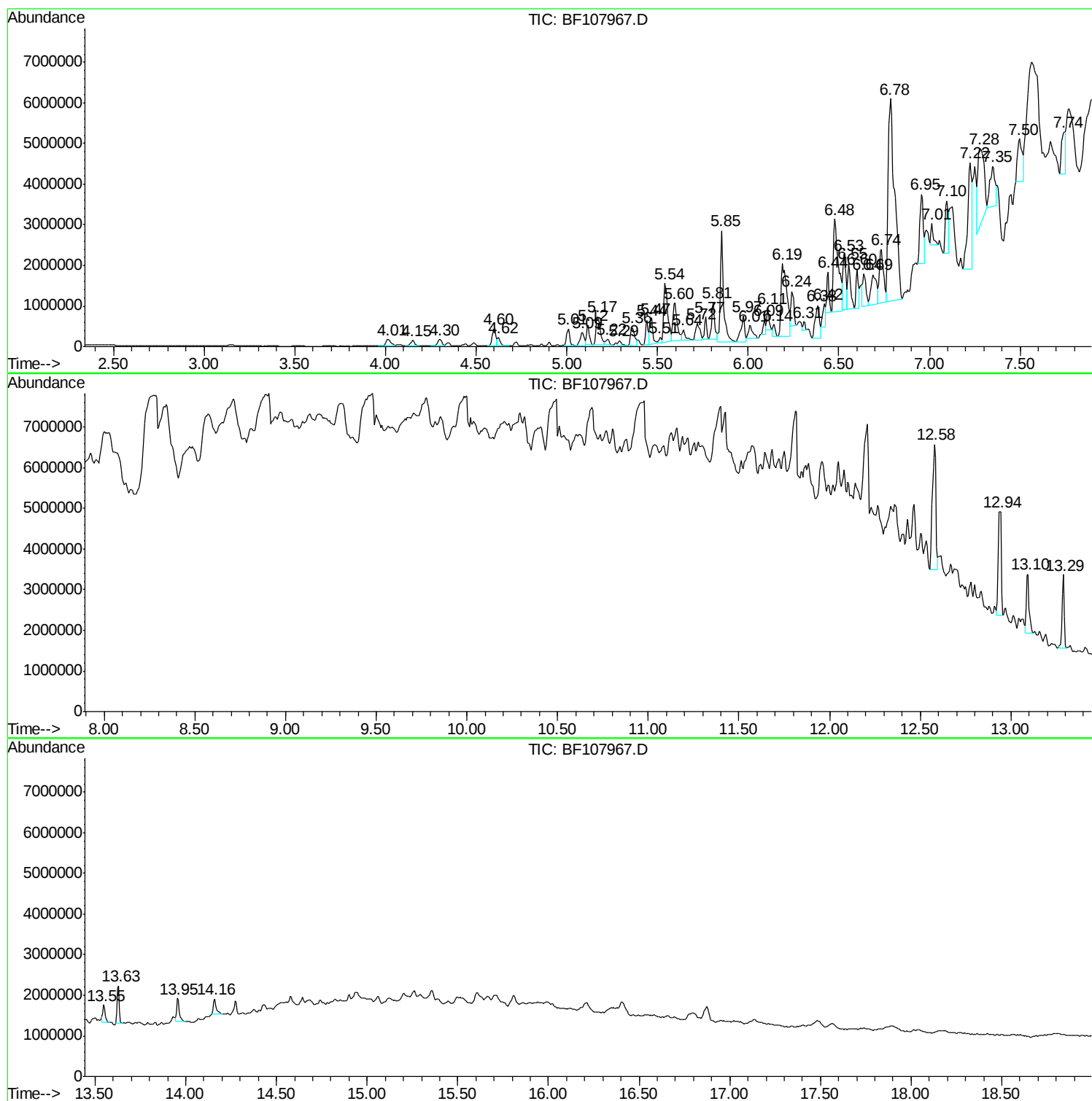
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampleId :
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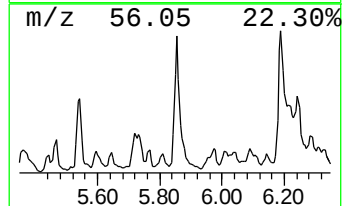
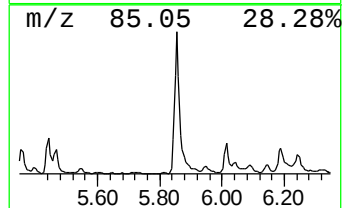
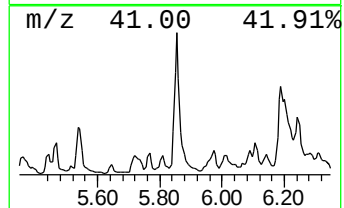
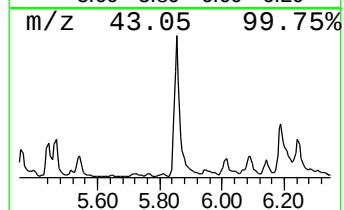
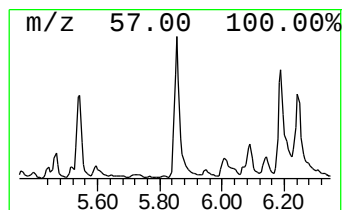
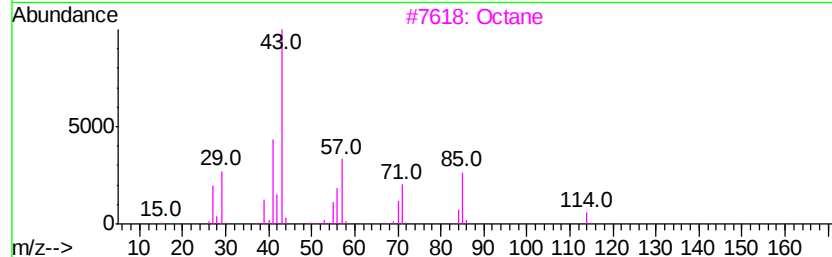
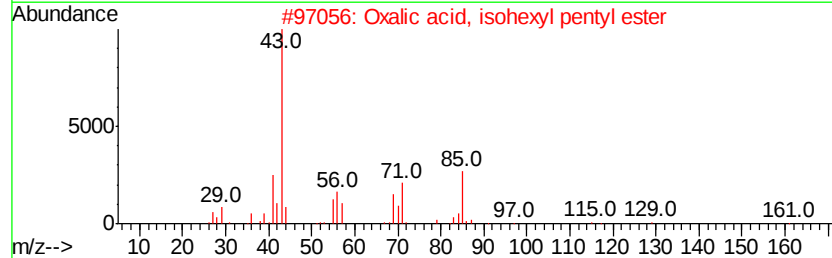
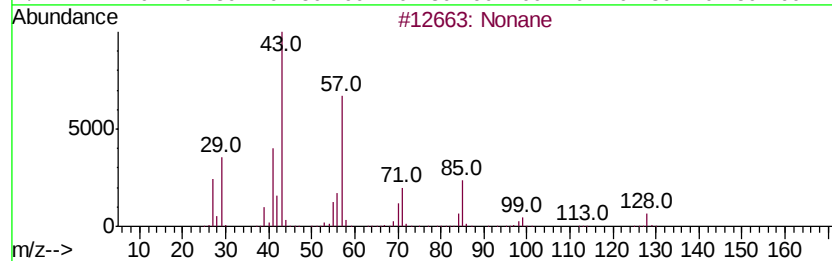
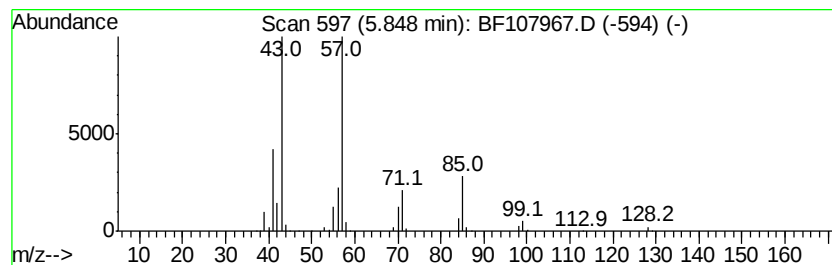
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	33.40 ng	3553460	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	90
2	Oxalic acid, isohexyl pentyl ester		244	C13H24O4	1000309-32-8	72
3	Octane		114	C8H18	000111-65-9	64
4	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	64
5	Decane		142	C10H22	000124-18-5	59



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ClientSampleId :
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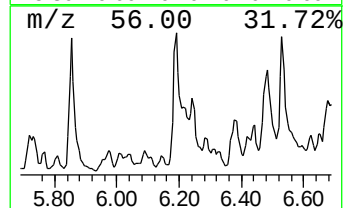
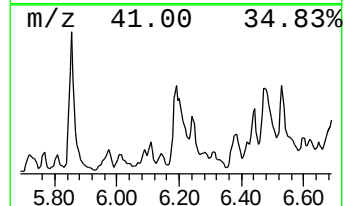
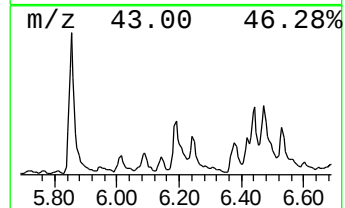
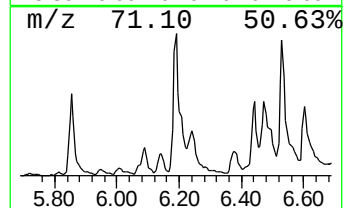
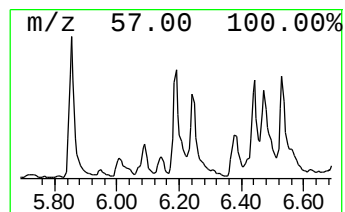
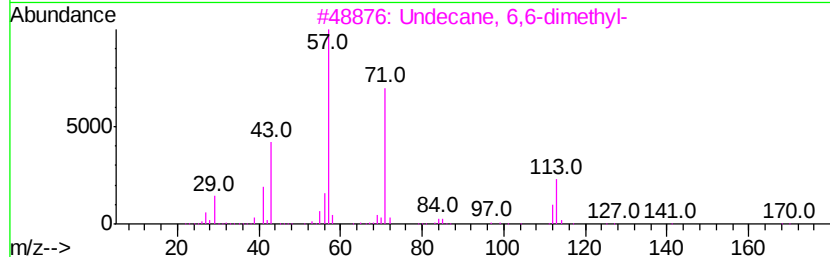
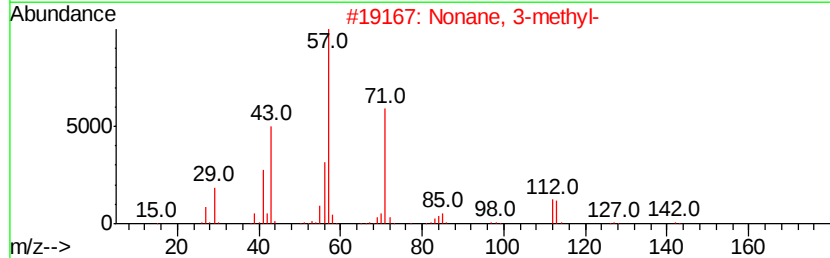
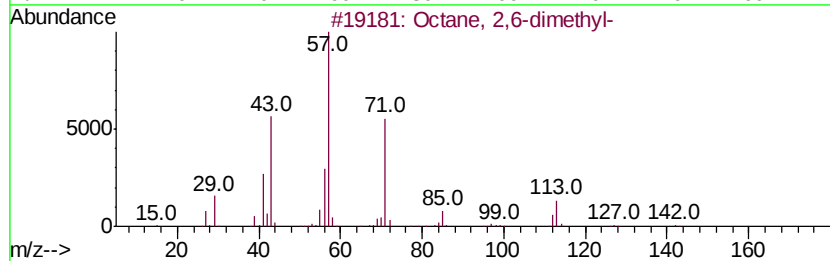
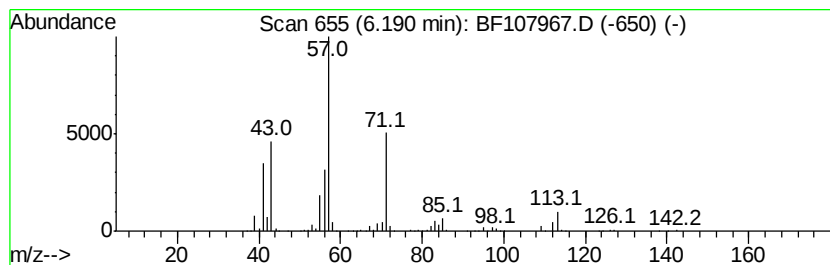
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	38.15 ng	4058840	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	74
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59



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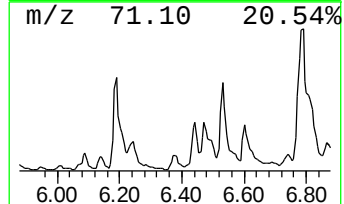
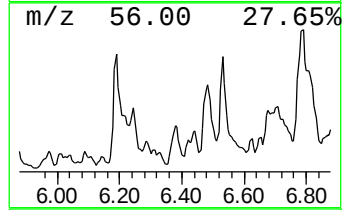
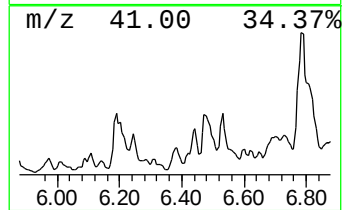
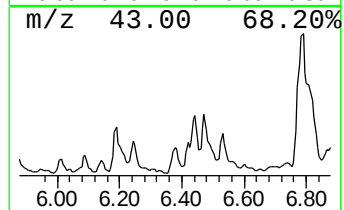
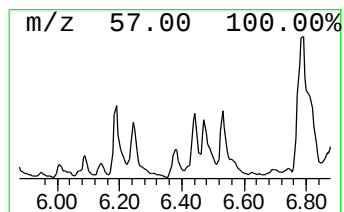
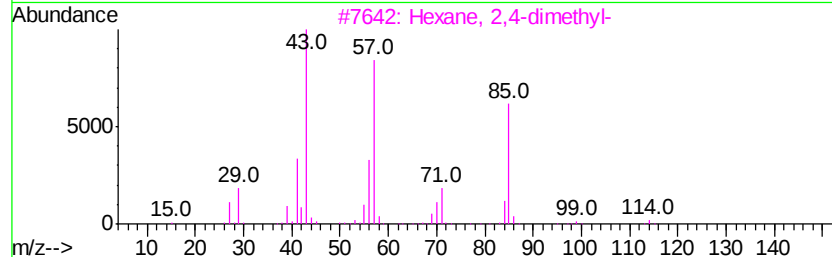
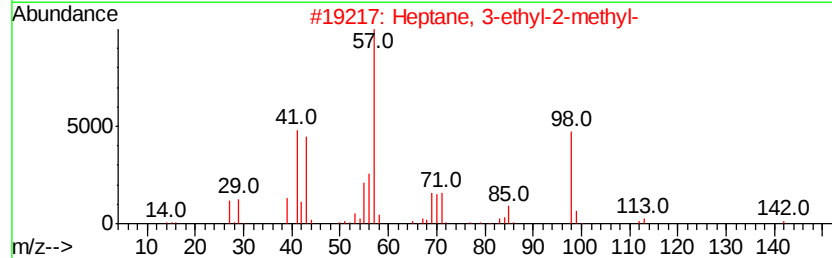
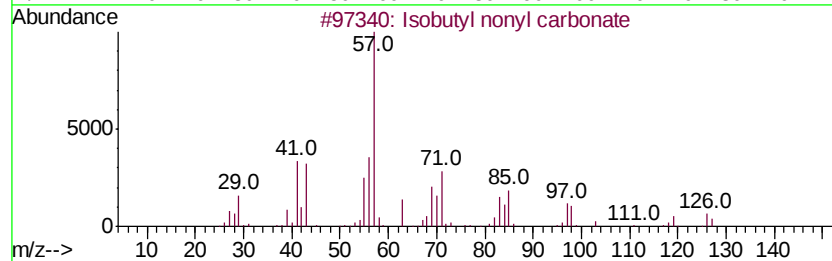
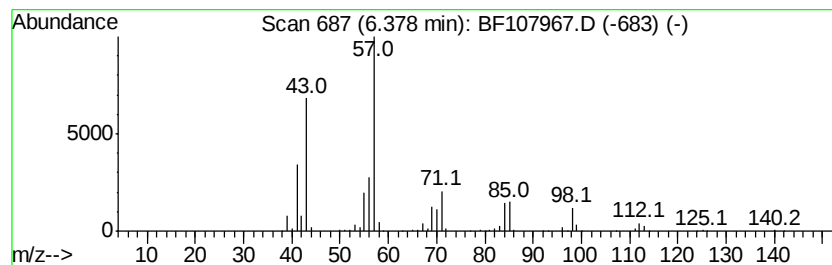
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Isobutyl nonyl carbonate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	13.04 ng	1387840	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	59
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
5		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47



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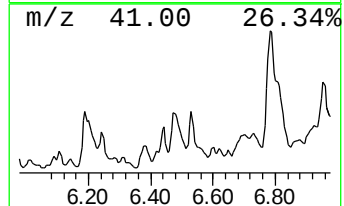
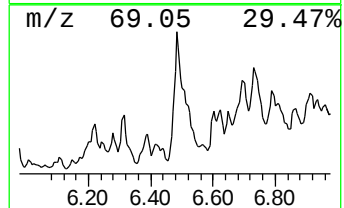
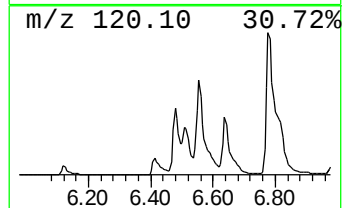
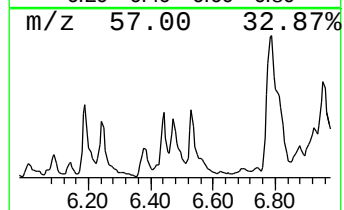
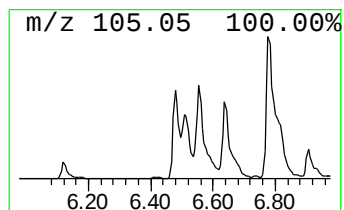
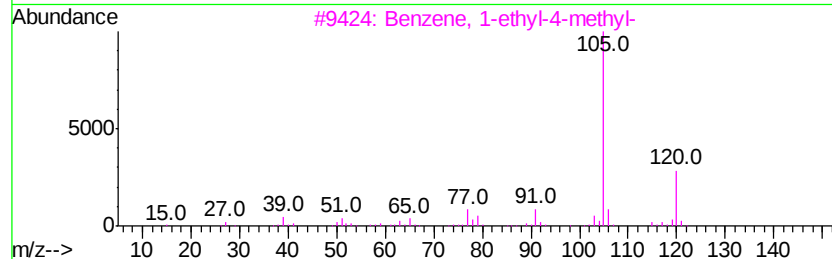
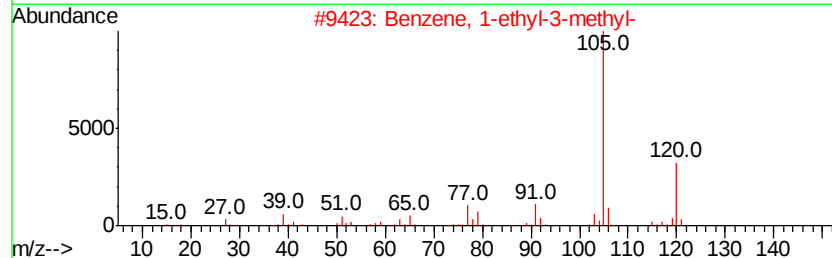
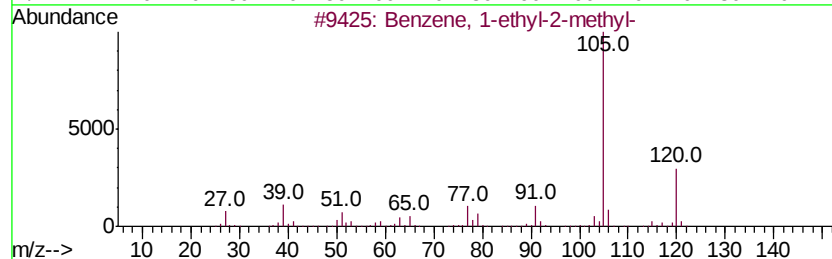
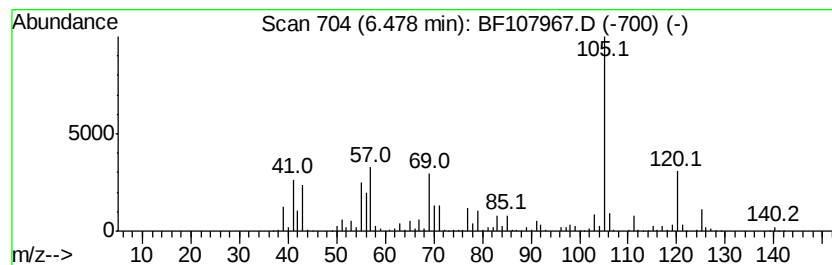
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	43.94 ng	4675680	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	78
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
5		Mesitylene	120	C9H12	000108-67-8	60



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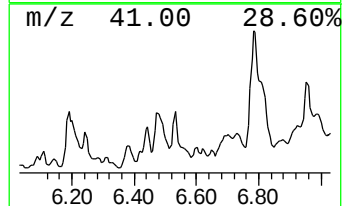
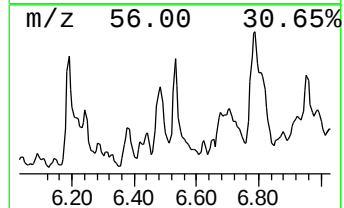
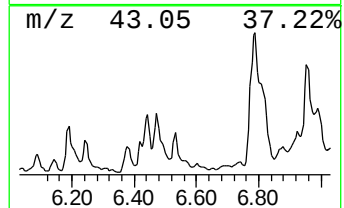
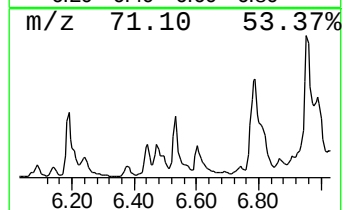
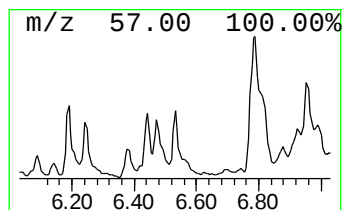
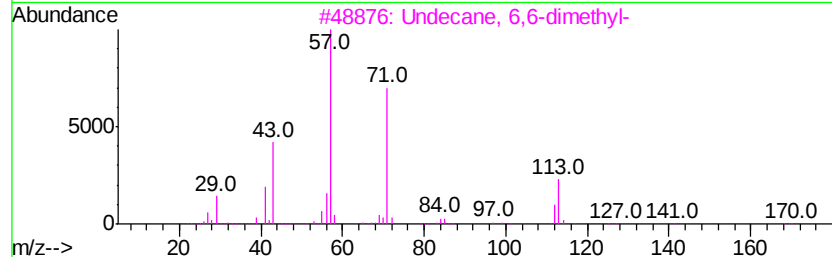
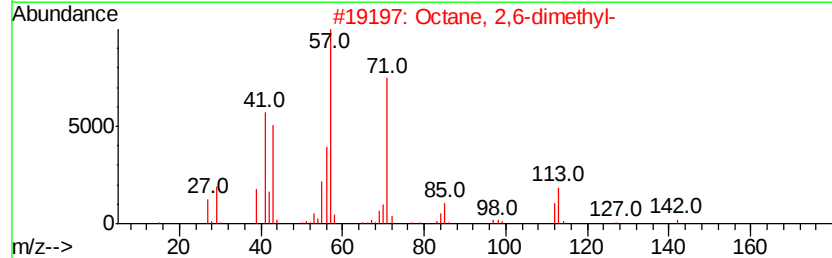
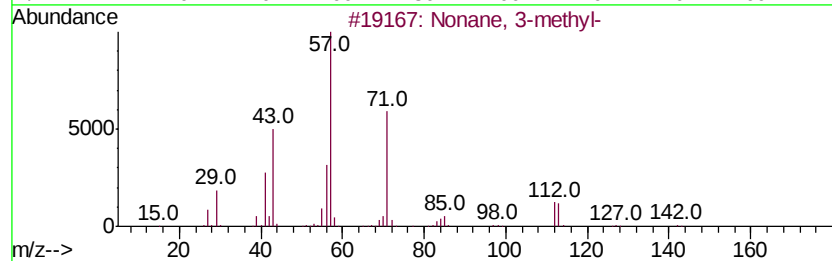
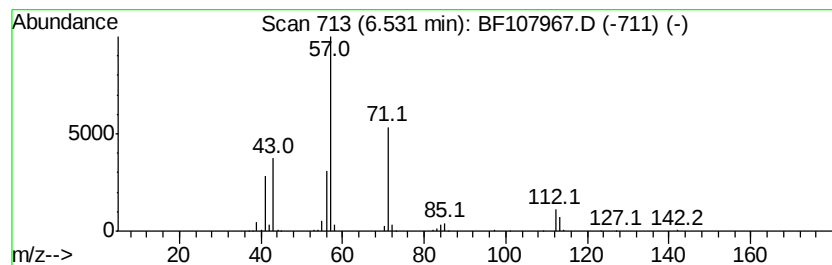
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	12.60 ng	1340950	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	56
5		3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

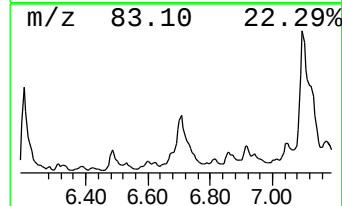
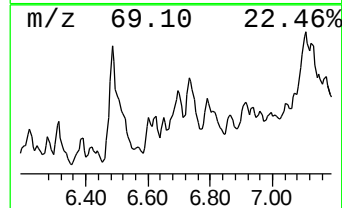
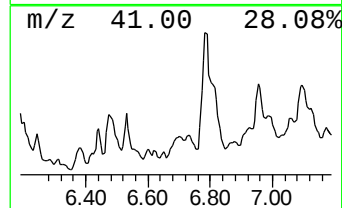
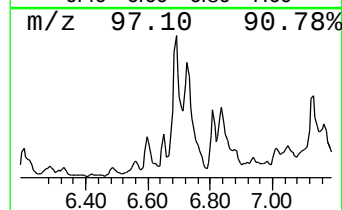
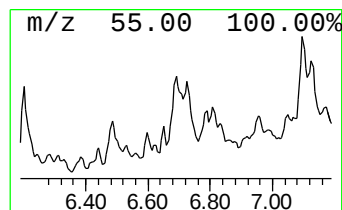
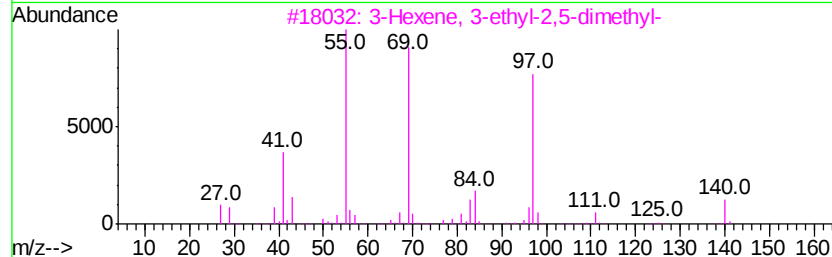
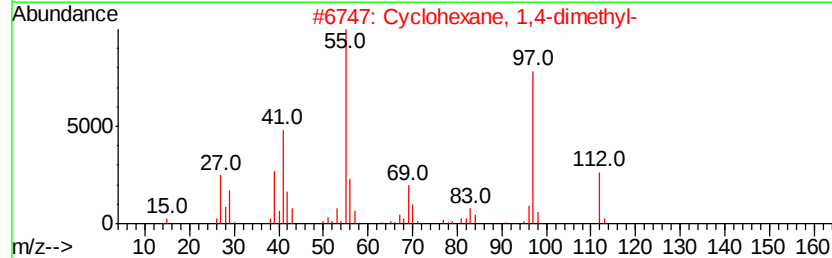
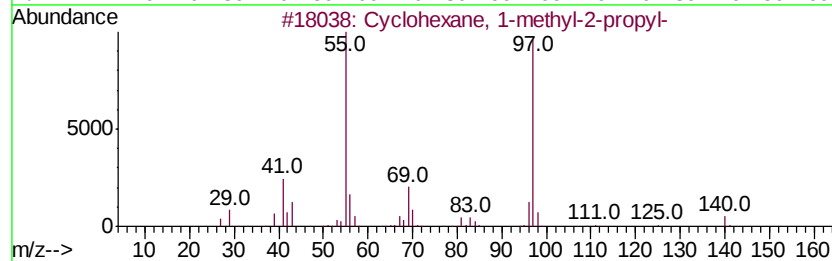
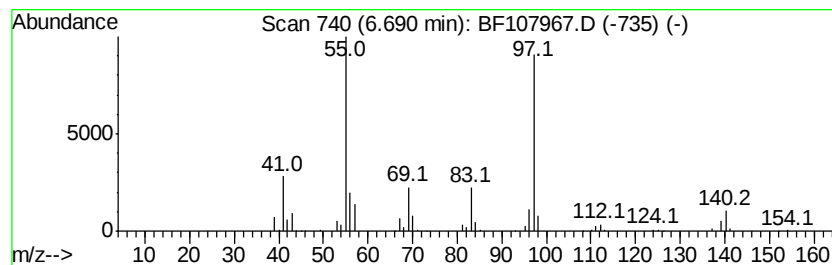
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1-methyl-2-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	14.81 ng	1575730	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	83
2			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
3			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
5			Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	001678-82-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

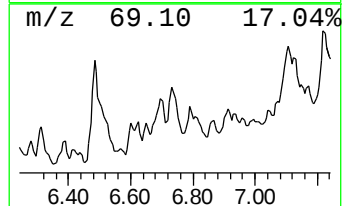
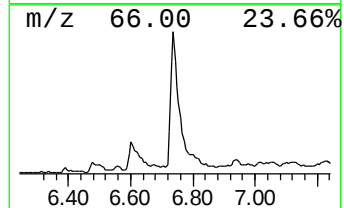
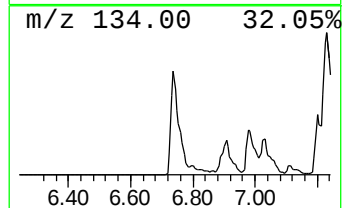
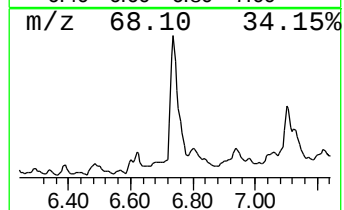
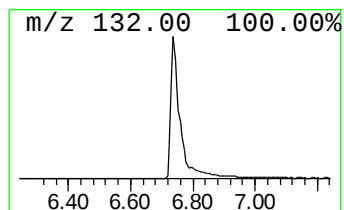
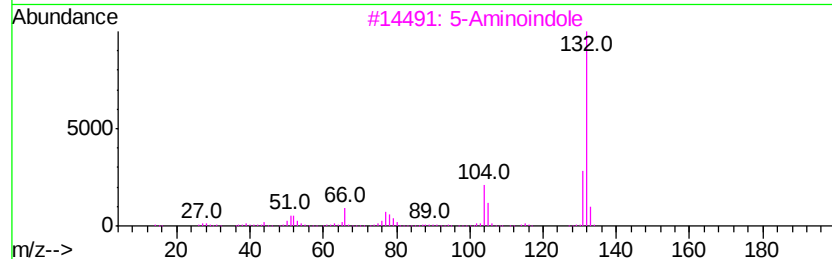
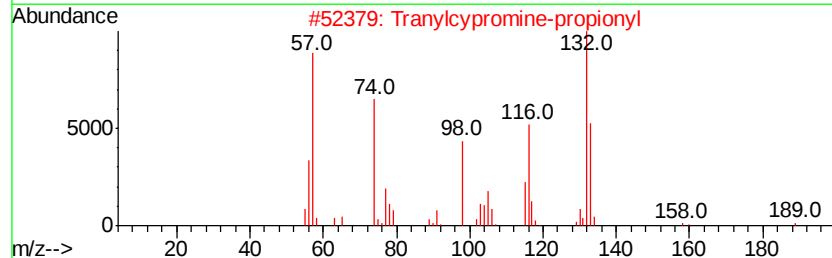
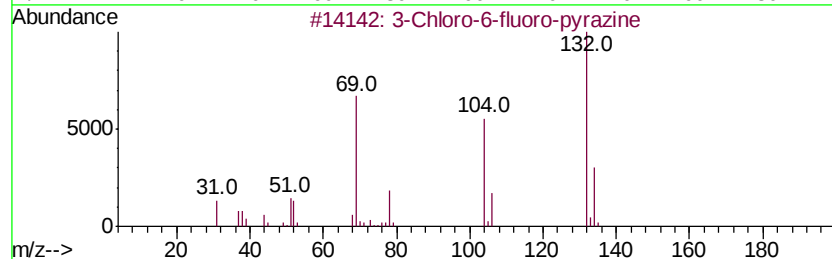
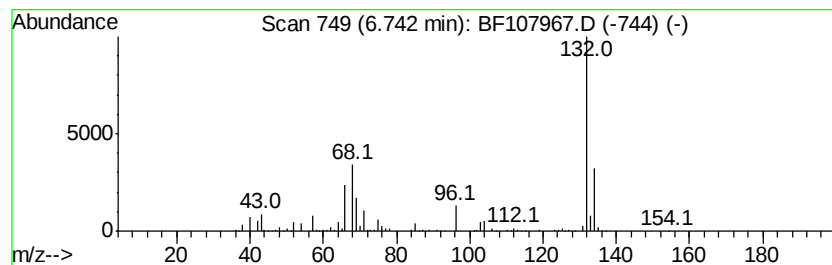
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.74 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	20.30 ng	2160150	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

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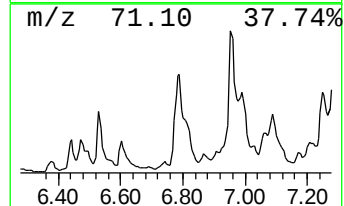
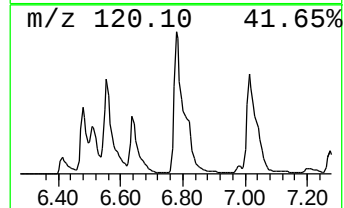
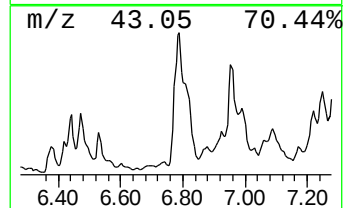
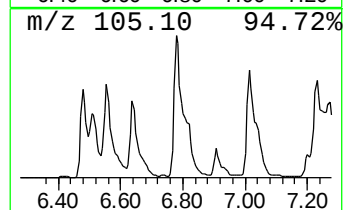
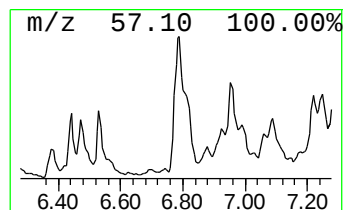
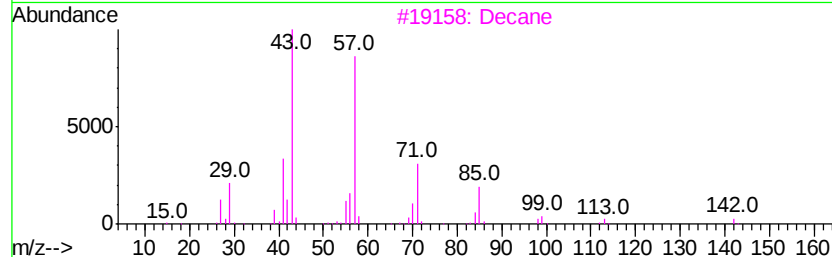
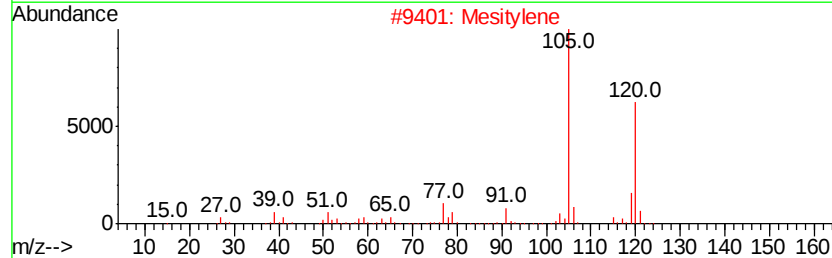
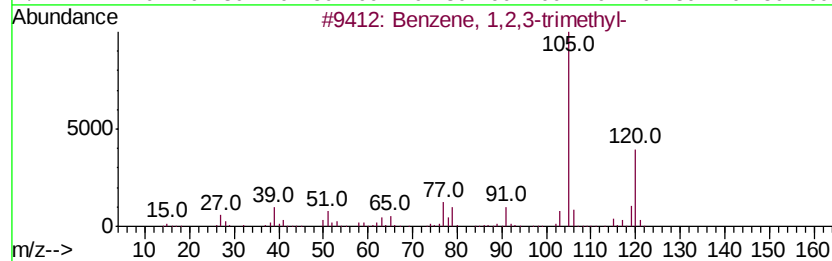
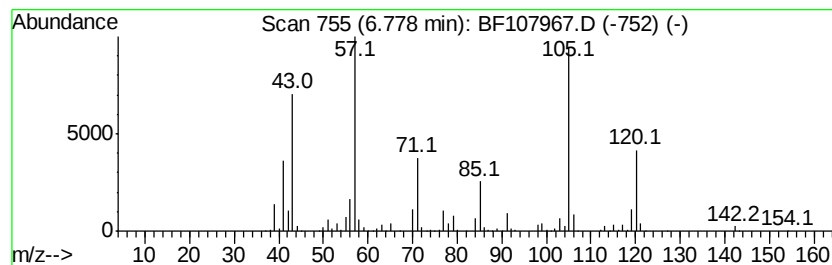
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	113.30 ng	12055000	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2		Mesitylene	120	C9H12	000108-67-8	60
3		Decane	142	C10H22	000124-18-5	53
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	52
5		Pentadecane	212	C15H32	000629-62-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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Sample : J4297-05
Misc :
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Instrument :
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ClientSampled :
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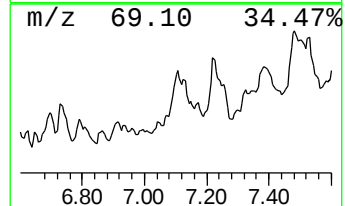
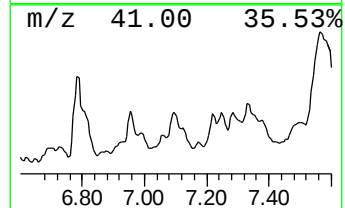
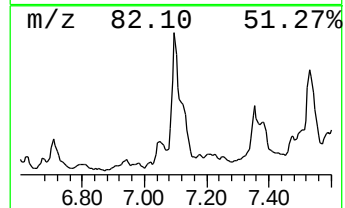
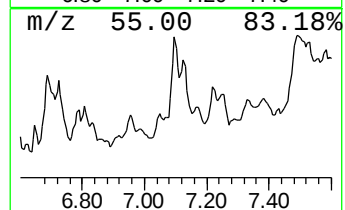
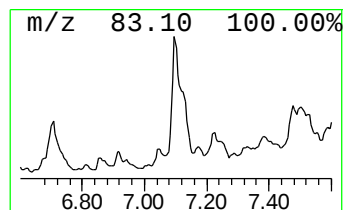
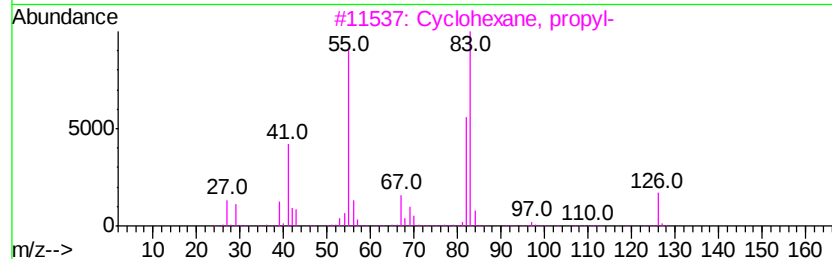
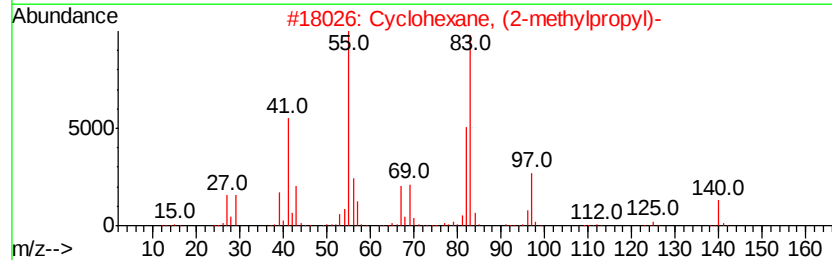
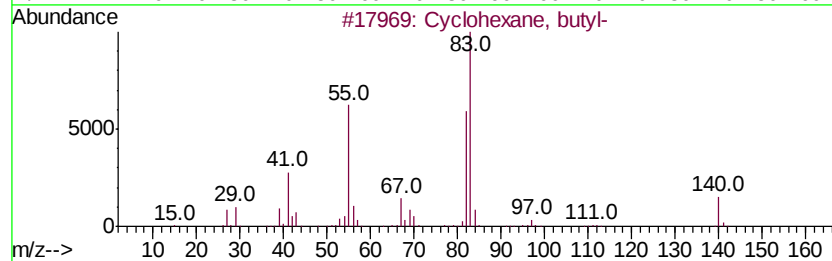
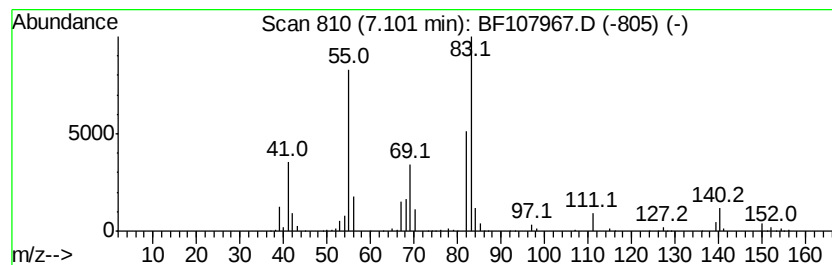
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	17.28 ng	1838340	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5		1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

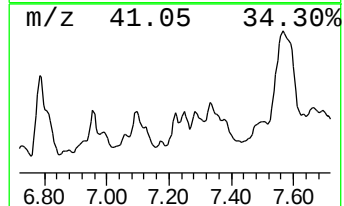
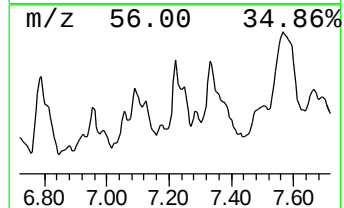
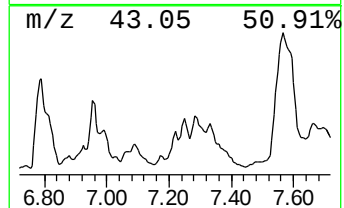
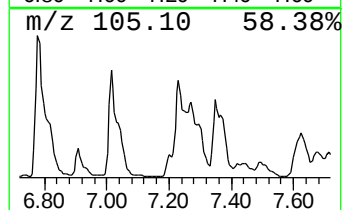
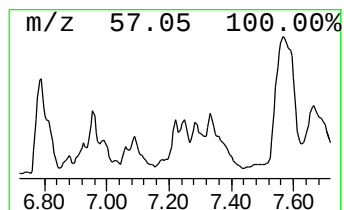
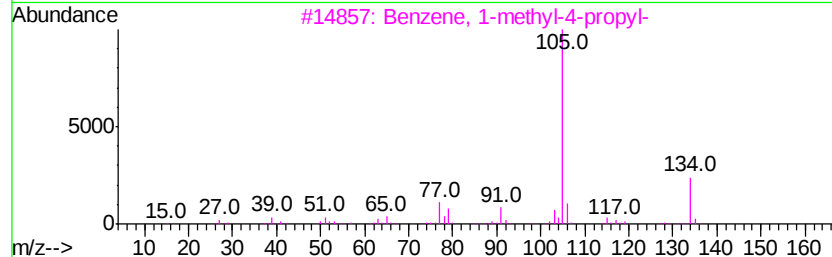
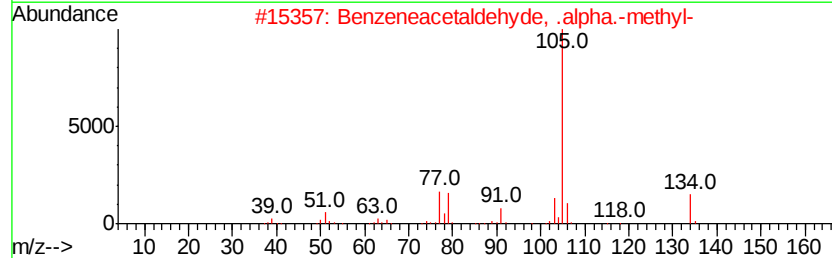
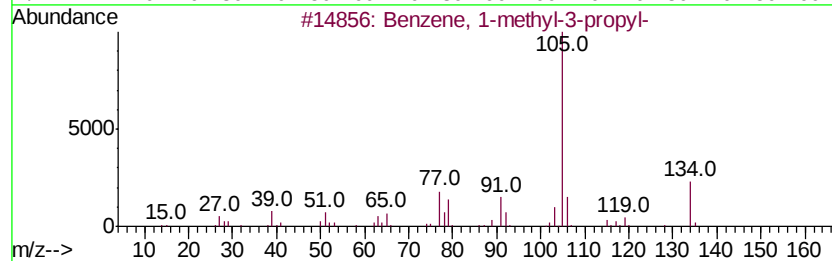
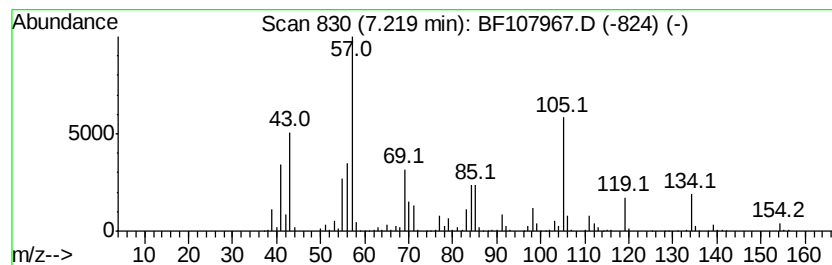
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	43.34 ng	4611730	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
2		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
5		Ether, heptyl hexyl	200	C13H28O	007289-40-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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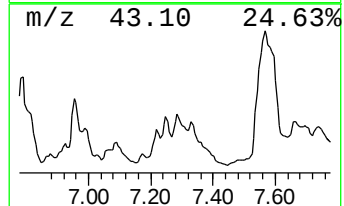
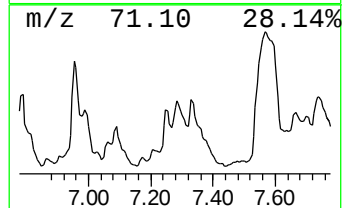
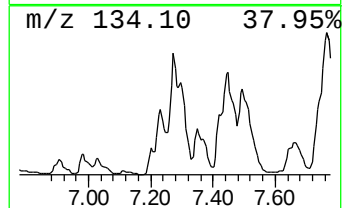
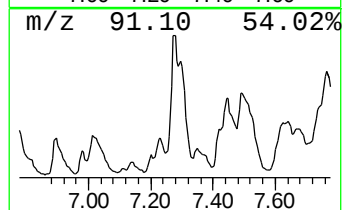
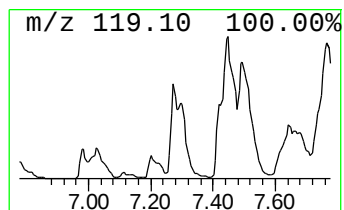
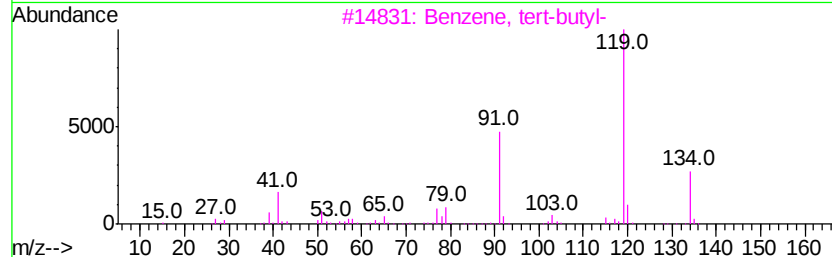
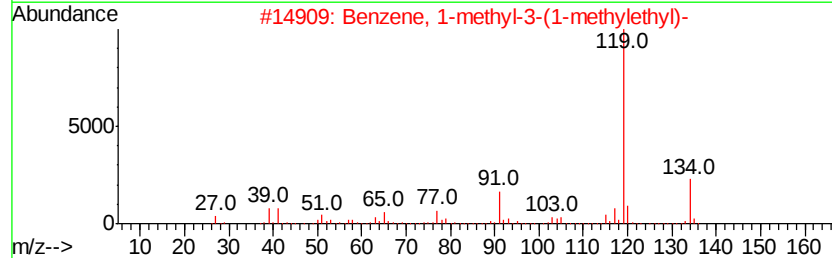
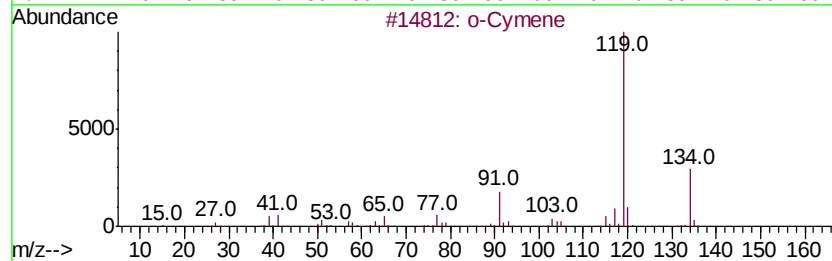
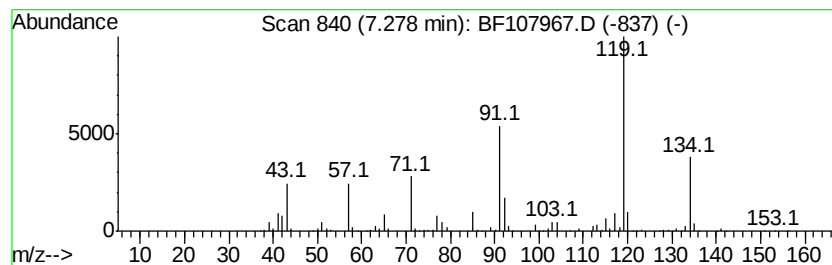
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	42.50 ng	4521930	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	93
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
3		Benzene, tert-butyl-	134	C10H14	000098-06-6	76
4		p-Cymene	134	C10H14	000099-87-6	76
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampled :
TP-5

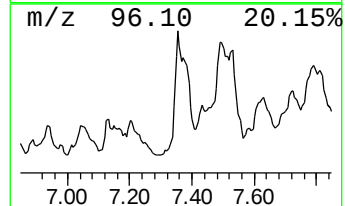
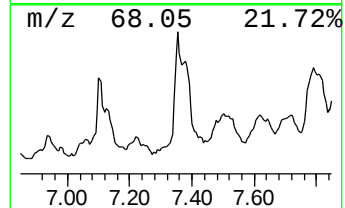
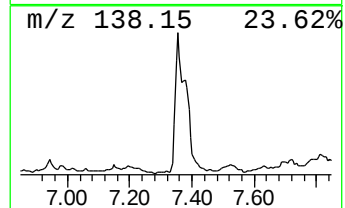
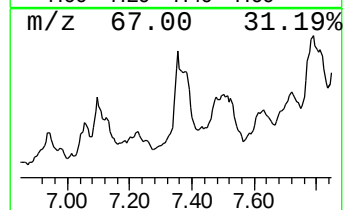
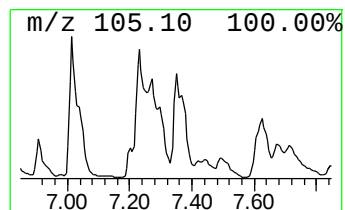
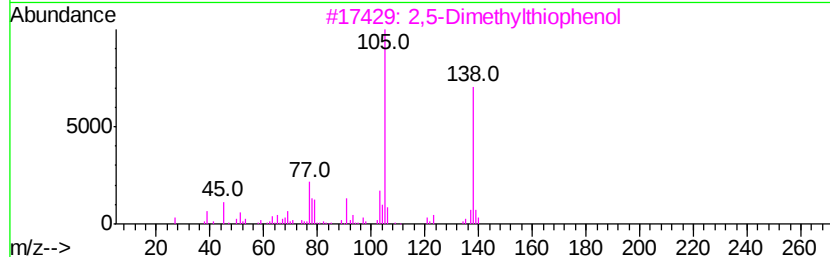
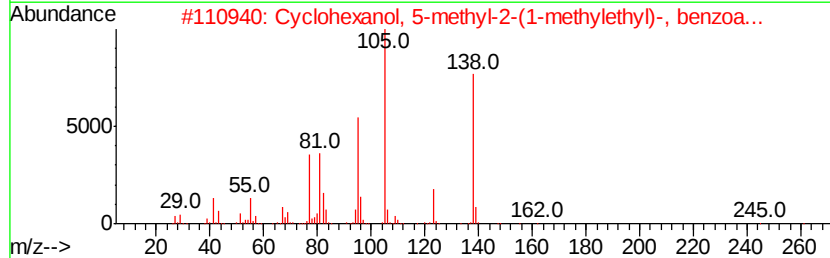
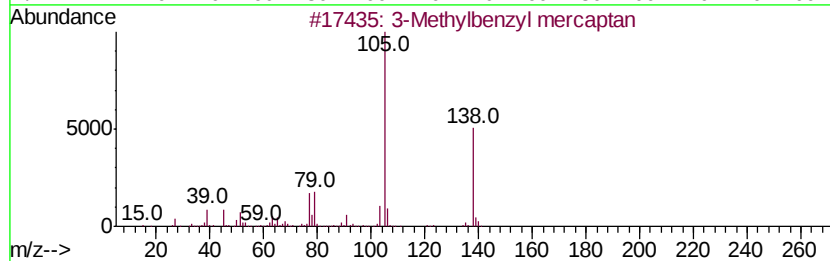
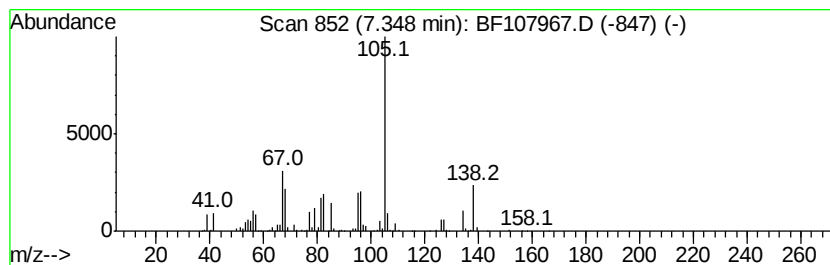
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.35 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	18.46 ng	1964630	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	11
2			Cyclohexanol, 5-methyl-2-(1-meth...	260	C17H24O2	006284-35-1	10
3			2,5-Dimethylthiophenol	138	C8H10S	004001-61-0	9
4			1,3-Cyclohexanedimethanamine	142	C8H18N2	002579-20-6	9
5			Diethyl selenide	138	C4H10Se	000627-53-2	7



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

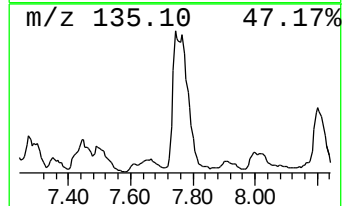
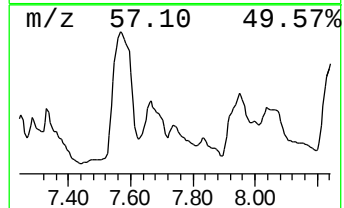
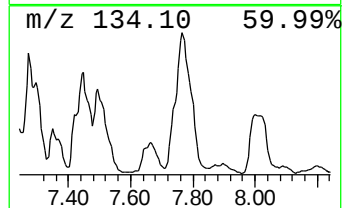
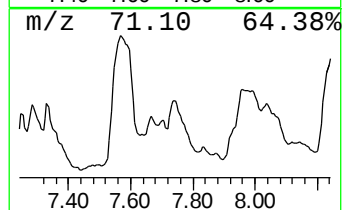
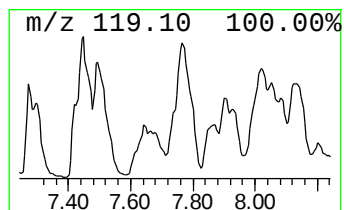
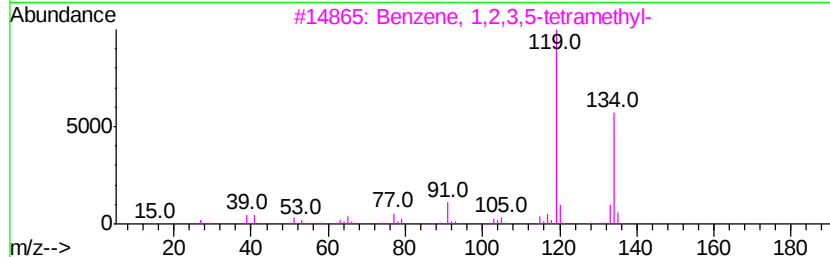
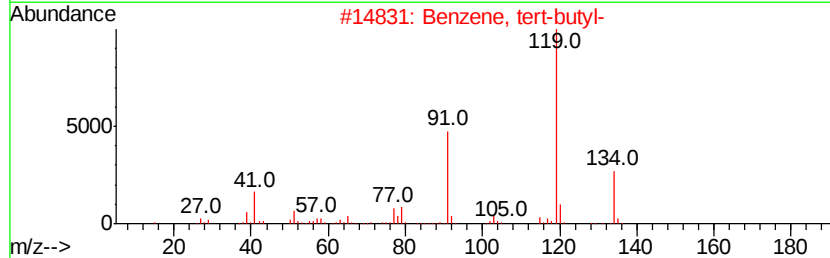
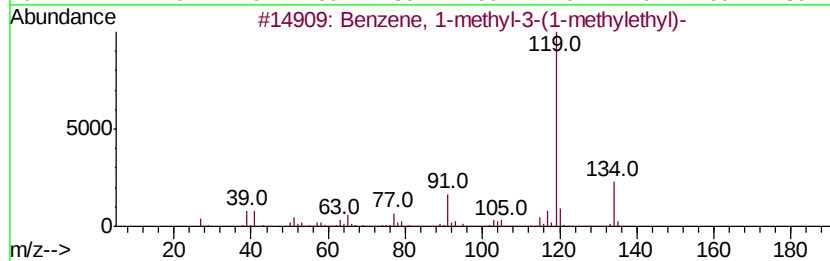
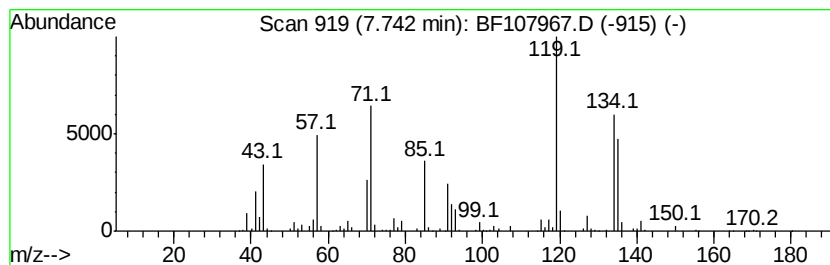
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	20.00 ng	1493740	Napthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	45
2		Benzene, tert-butyl-	134	C10H14	000098-06-6	45
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	45
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

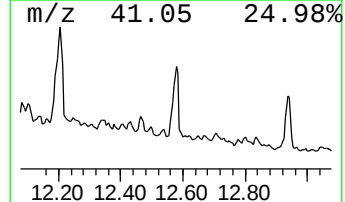
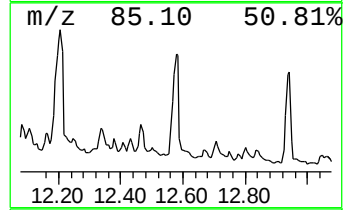
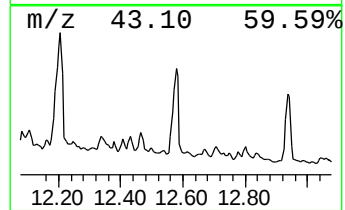
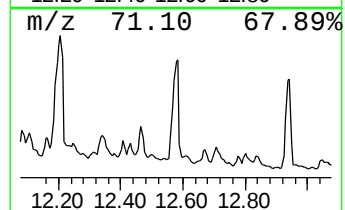
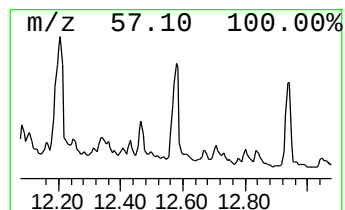
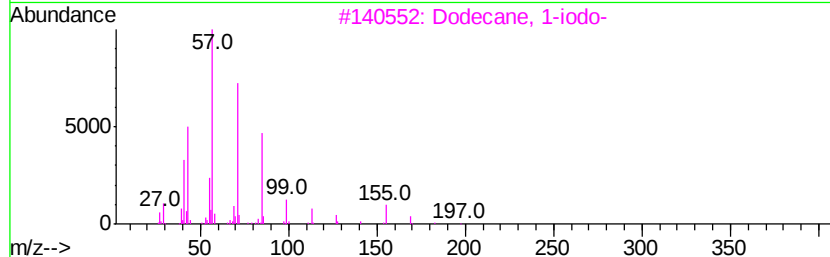
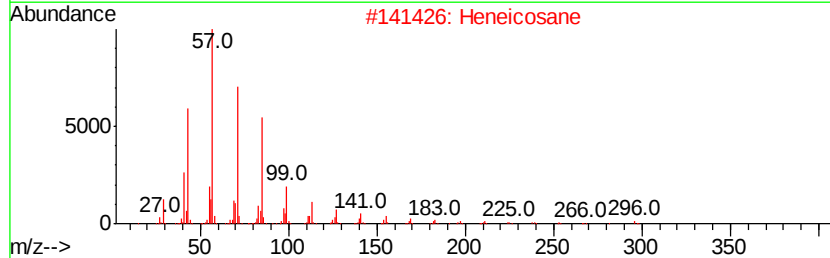
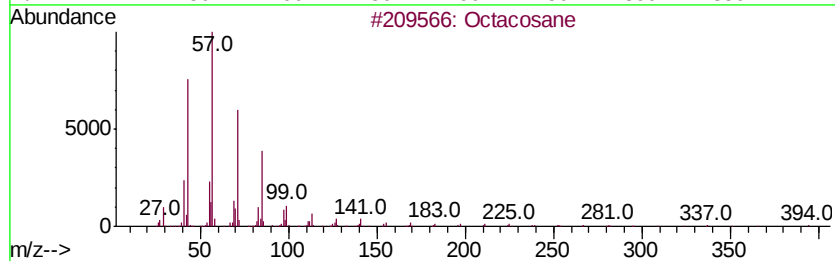
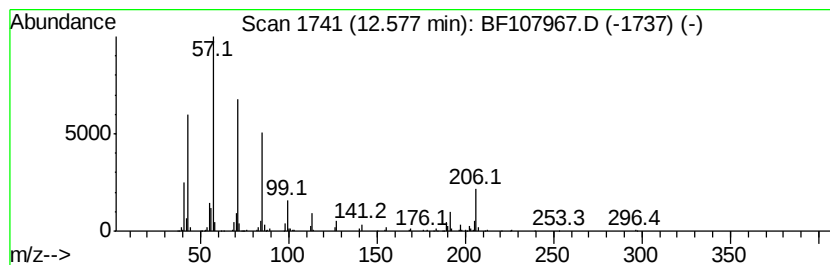
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	20.00 ng	4035960	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	58
2		Heneicosane	296	C21H44	000629-94-7	58
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53
5		Hexacosane	366	C26H54	000630-01-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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Sample : J4297-05
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-5

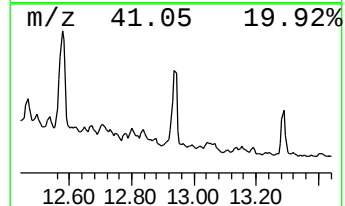
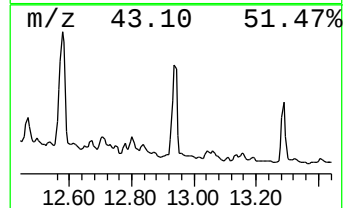
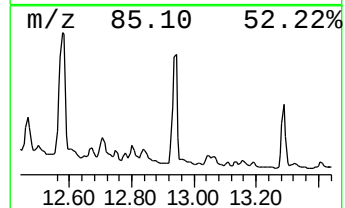
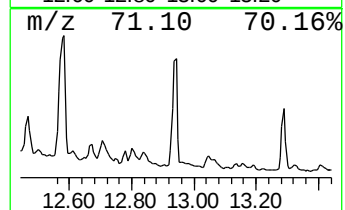
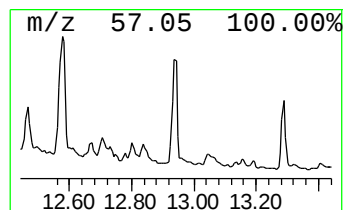
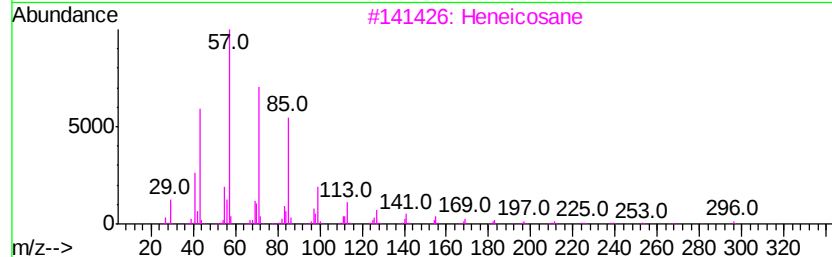
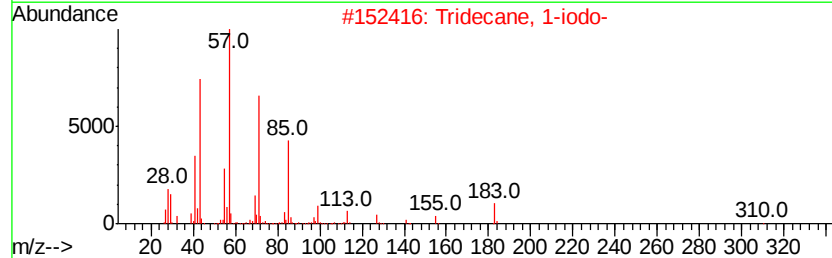
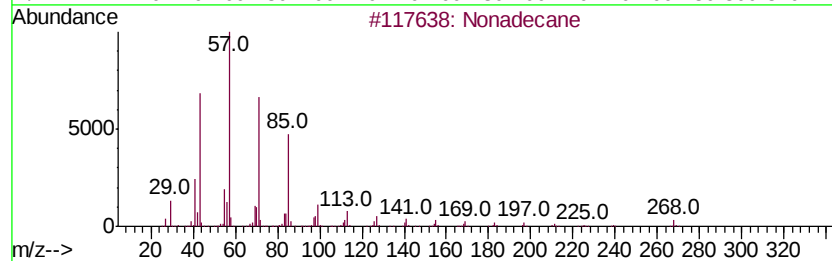
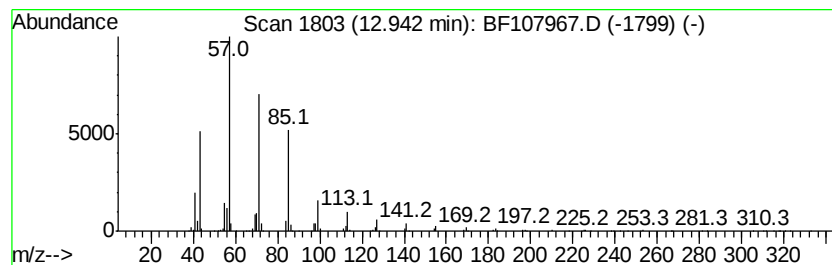
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	105.06 ng	2596110	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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Sample : J4297-05
Misc :
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Instrument :
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ClientSampleId :
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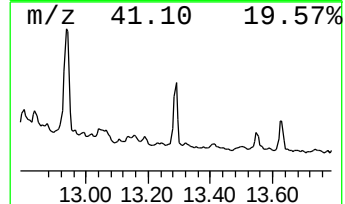
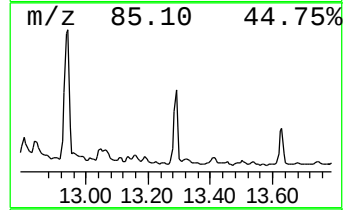
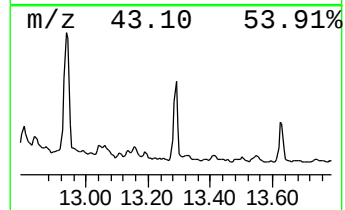
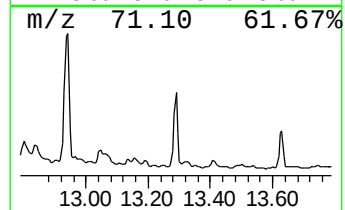
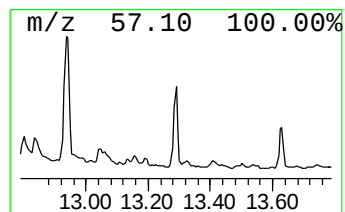
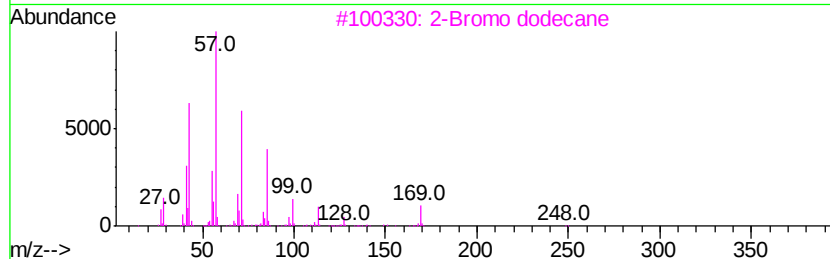
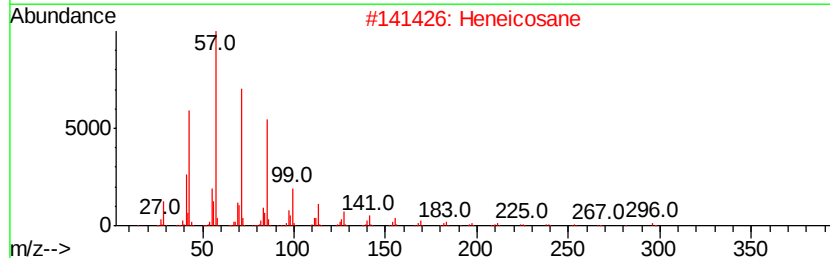
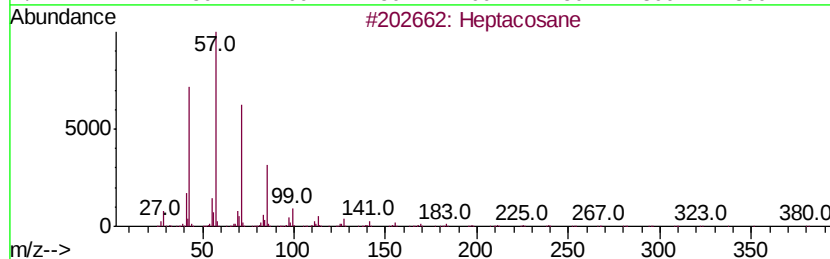
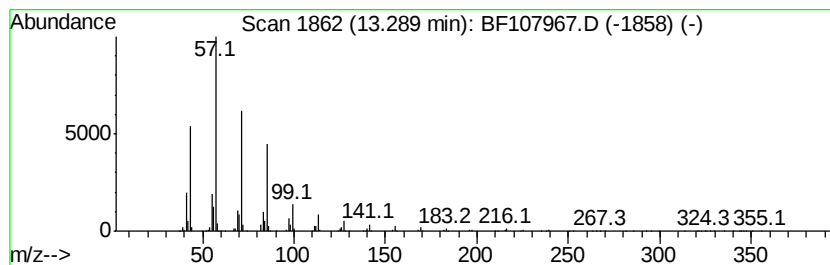
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	65.15 ng	1609900	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	90
4	Docosane		310	C22H46	000629-97-0	90
5	Triacontane		422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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Sample : J4297-05
Misc :
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Instrument :
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ClientSampleId :
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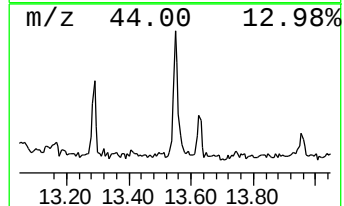
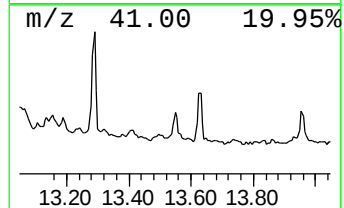
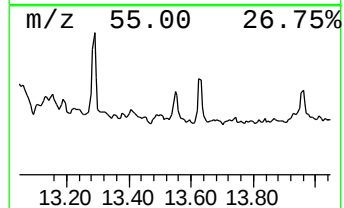
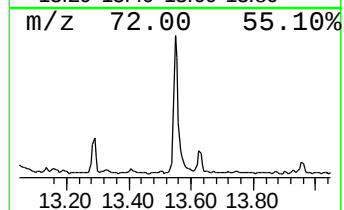
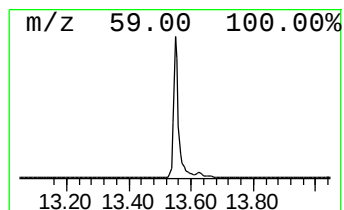
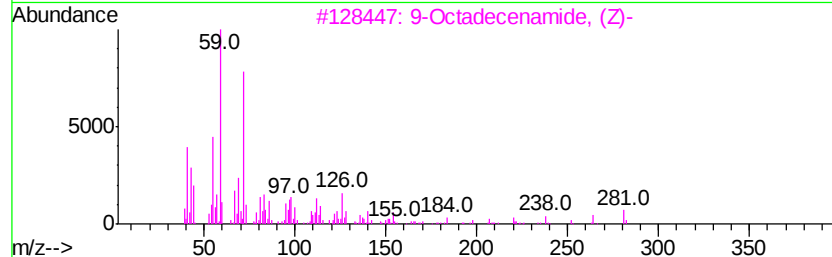
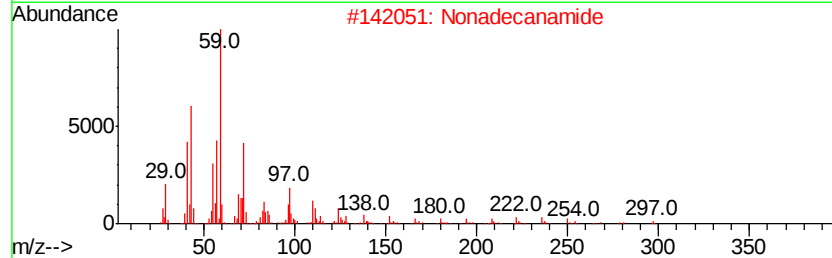
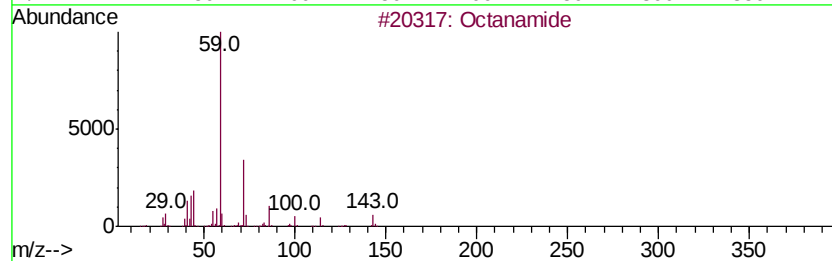
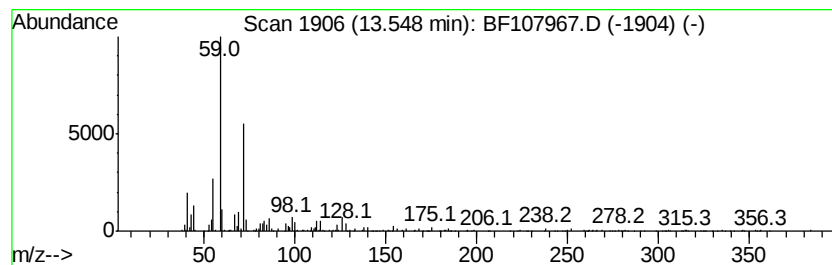
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octanamide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.17 ng	424288	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanamide	143	C8H17NO	000629-01-6	72
2		Nonadecanamide	297	C19H39NO	058185-32-3	64
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4		Tetradecanamide	227	C14H29NO	000638-58-4	64
5		Hexadecanamide	255	C16H33NO	000629-54-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
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ClientSampleId :
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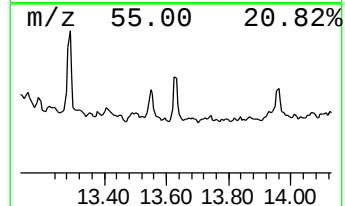
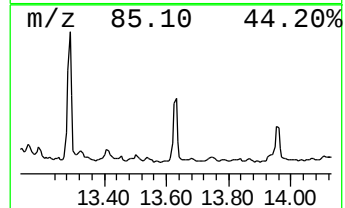
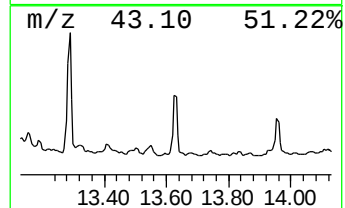
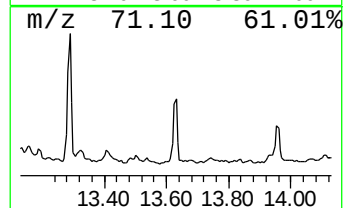
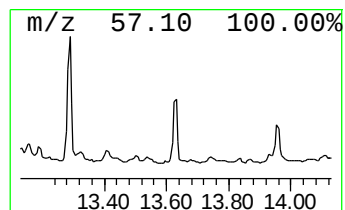
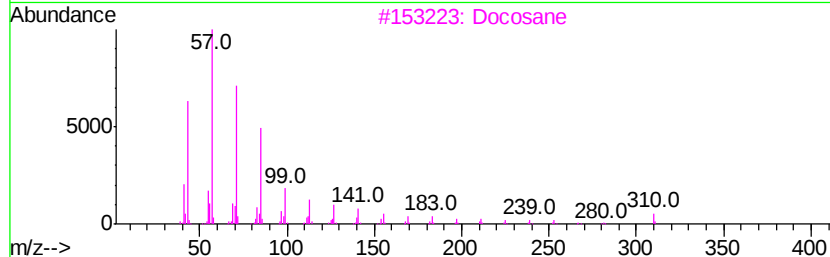
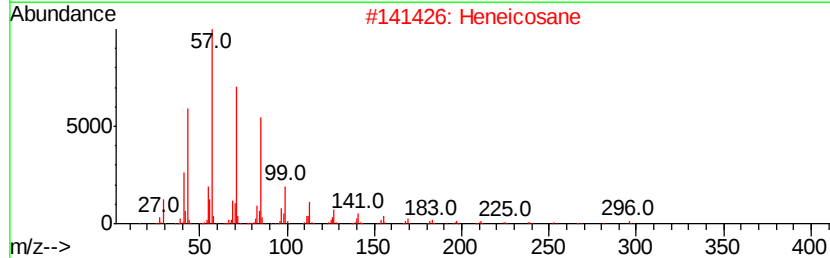
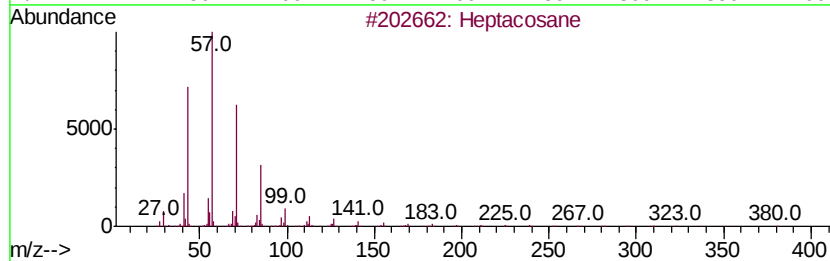
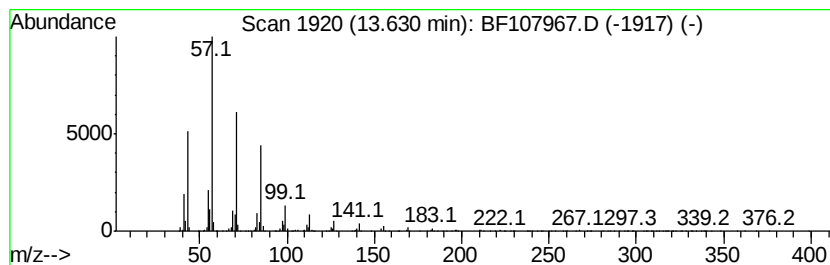
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	33.92 ng	838109	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Docosane	310	C22H46	000629-97-0	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

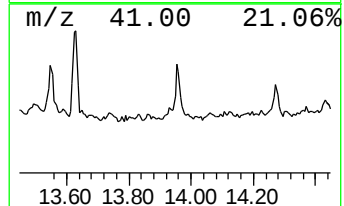
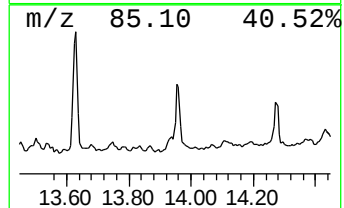
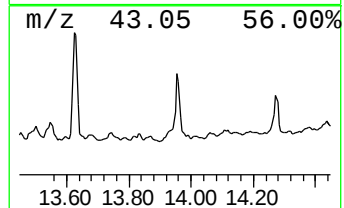
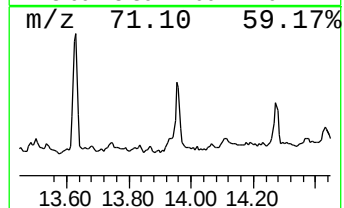
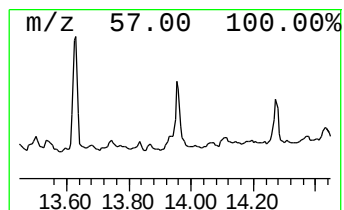
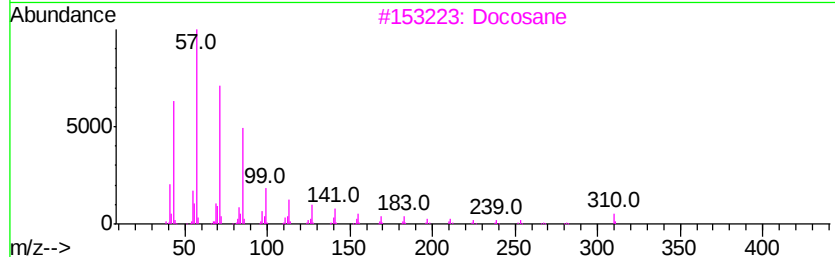
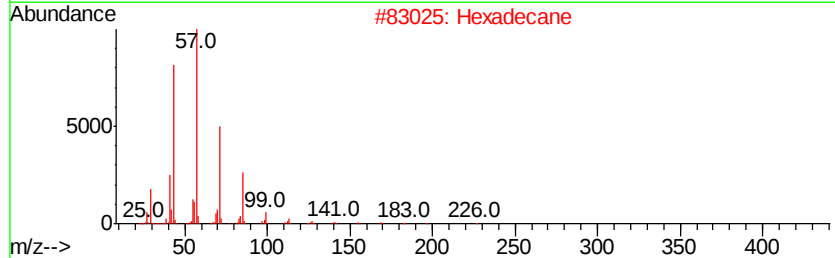
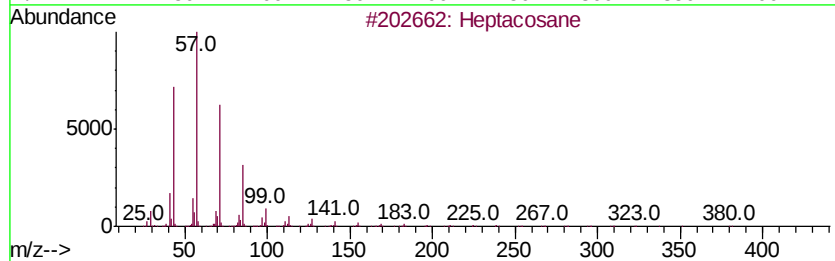
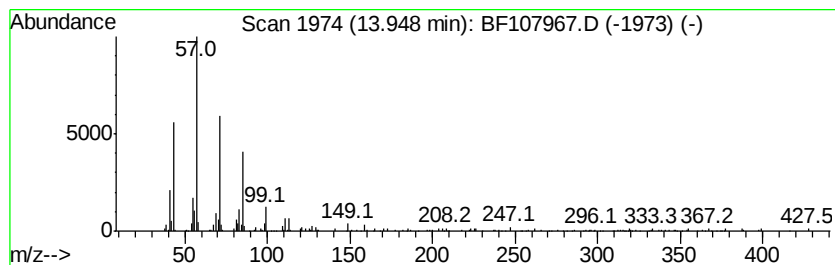
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	24.69 ng	610029	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	96
2		Hexadecane	226	C16H34	000544-76-3	95
3		Docosane	310	C22H46	000629-97-0	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107967.D
 Acq On : 4 Aug 2018 5:00
 Operator : JU/SJ
 Sample : J4297-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	5.85	33.4	ng	3553460	1	6.97	2128010	20.0
Octane, 2,6-dimet...	6.19	38.1	ng	4058840	1	6.97	2128010	20.0
Isobutyl nonyl ca...	6.38	13.0	ng	1387840	1	6.97	2128010	20.0
Benzene, 1-ethyl-...	6.48	43.9	ng	4675680	1	6.97	2128010	20.0
Nonane, 3-methyl-	6.53	12.6	ng	1340950	1	6.97	2128010	20.0
Cyclohexane, 1-me...	6.69	14.8	ng	1575730	1	6.97	2128010	20.0
unknown6.74	6.74	20.3	ng	2160150	1	6.97	2128010	20.0
Benzene, 1,2,3-tr...	6.78	113.3	ng	12055000	1	6.97	2128010	20.0
Cyclohexane, butyl-	7.10	17.3	ng	1838340	1	6.97	2128010	20.0
unknown7.22	7.22	43.3	ng	4611730	1	6.97	2128010	20.0
o-Cymene	7.28	42.5	ng	4521930	1	6.97	2128010	20.0
unknown7.35	7.35	18.5	ng	1964630	1	6.97	2128010	20.0
unknown7.74	7.74	20.0	ng	1493740	2	8.27	1493740	20.0
Octacosane	12.58	20.0	ng	4035960	4	11.55	4035960	20.0
Nonadecane	12.94	105.1	ng	2596110	5	14.16	494224	20.0
Heptacosane	13.29	65.2	ng	1609900	5	14.16	494224	20.0
Octanamide	13.55	17.2	ng	424288	5	14.16	494224	20.0
Octadecane, 1-iodo-	13.63	33.9	ng	838109	5	14.16	494224	20.0
Heptadecane, 9-oc...	13.95	24.7	ng	610029	5	14.16	494224	20.0