

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020115.D
 Acq On : 03 May 2019 17:04
 Operator : JU/SJ
 Sample : K2584-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-8

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_M\METHODS\8270-BM043019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	397	404	417	rBV	3321149	4570181	37.36%	5.541%
2	6.951	665	674	686	rBV	3372831	5391429	44.07%	6.537%
3	7.316	728	736	746	rBV	3489683	5349313	43.72%	6.486%
4	7.787	807	816	822	rBV	620523	965692	7.89%	1.171%
5	8.104	862	870	878	rBV	2477726	3845717	31.43%	4.663%
6	8.951	1005	1014	1024	rBV	2086833	3395563	27.75%	4.117%
7	10.581	1280	1291	1298	rBV	710234	1196515	9.78%	1.451%
8	12.945	1688	1693	1699	rVB	89502	130717	1.07%	0.158%
9	13.045	1699	1710	1719	rBV	5364136	7839460	64.08%	9.505%
10	13.745	1824	1829	1835	rBV4	79971	188446	1.54%	0.228%
11	13.886	1847	1853	1859	rBV2	464459	799907	6.54%	0.970%
12	14.251	1911	1915	1920	rVB4	74612	125662	1.03%	0.152%
13	14.316	1920	1926	1933	rBV5	71220	183088	1.50%	0.222%
14	14.386	1933	1938	1940	rBV3	103707	158602	1.30%	0.192%
15	14.427	1940	1945	1951	rVB2	1072106	1602850	13.10%	1.943%
16	14.645	1976	1982	1988	rVB3	124089	309066	2.53%	0.375%
17	14.816	2007	2011	2016	rVB3	221912	338174	2.76%	0.410%
18	14.933	2028	2031	2040	rVB4	171260	317325	2.59%	0.385%
19	15.039	2045	2049	2055	rBV3	119508	212443	1.74%	0.258%
20	15.210	2074	2078	2081	rBV4	75189	124734	1.02%	0.151%
21	15.316	2092	2096	2101	rBV6	100299	193091	1.58%	0.234%
22	15.369	2102	2105	2115	rVB7	138256	312953	2.56%	0.379%
23	15.669	2149	2156	2161	rBV	580223	1096825	8.97%	1.330%
24	15.769	2169	2173	2179	rVB4	197684	378128	3.09%	0.458%
25	15.839	2179	2185	2189	rBV8	128360	270517	2.21%	0.328%
26	15.916	2189	2198	2205	rVV	4672652	6785054	55.46%	8.226%
27	16.151	2231	2238	2242	rBV2	1162749	1940248	15.86%	2.352%
28	16.469	2288	2292	2295	rBV3	195668	300409	2.46%	0.364%
29	16.527	2300	2302	2307	rVB5	227773	269244	2.20%	0.326%
30	16.739	2335	2338	2341	rVB	198662	231704	1.89%	0.281%
31	16.968	2373	2377	2382	rBV	779679	1097945	8.97%	1.331%
32	17.174	2407	2412	2416	rBV	1339696	2059393	16.83%	2.497%
33	17.216	2416	2419	2426	rVB	555318	813614	6.65%	0.986%
34	17.574	2477	2480	2485	rVB5	261611	346498	2.83%	0.420%

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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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35	17.657	2491	2494	2500	rVB3	184740	210348	1.72%	0.255%
36	18.057	2557	2562	2565	rBV3	493465	780604	6.38%	0.946%
37	18.098	2566	2569	2574	rVB	296330	401199	3.28%	0.486%
38	18.962	2713	2716	2723	rBV2	181535	327616	2.68%	0.397%
39	19.233	2757	2762	2768	rVB	839113	1240464	10.14%	1.504%
40	19.562	2816	2818	2820	rBV2	134843	159557	1.30%	0.193%
41	19.598	2820	2824	2831	rVB	665369	1044946	8.54%	1.267%
42	19.804	2853	2859	2864	rVB	9727641	12234378	100.00%	14.833%
43	21.056	3069	3072	3075	rVB	283803	272275	2.23%	0.330%
44	21.356	3116	3123	3127	rBV2	1911676	3010009	24.60%	3.649%
45	21.392	3127	3129	3135	rVB	395440	453412	3.71%	0.550%
46	22.545	3321	3325	3329	rVB	313007	435593	3.56%	0.528%
47	22.945	3389	3393	3399	rBV	209351	462772	3.78%	0.561%
48	23.439	3474	3477	3484	rVB	170784	299007	2.44%	0.363%
49	23.539	3491	3494	3500	rVB	298790	477012	3.90%	0.578%
50	23.645	3505	3512	3518	rBV	1134928	2216510	18.12%	2.687%
51	28.485	4327	4335	4348	rVB3	264996	1013415	8.28%	1.229%
52	29.162	4439	4450	4464	rVB3	1080836	4299049	35.14%	5.212%

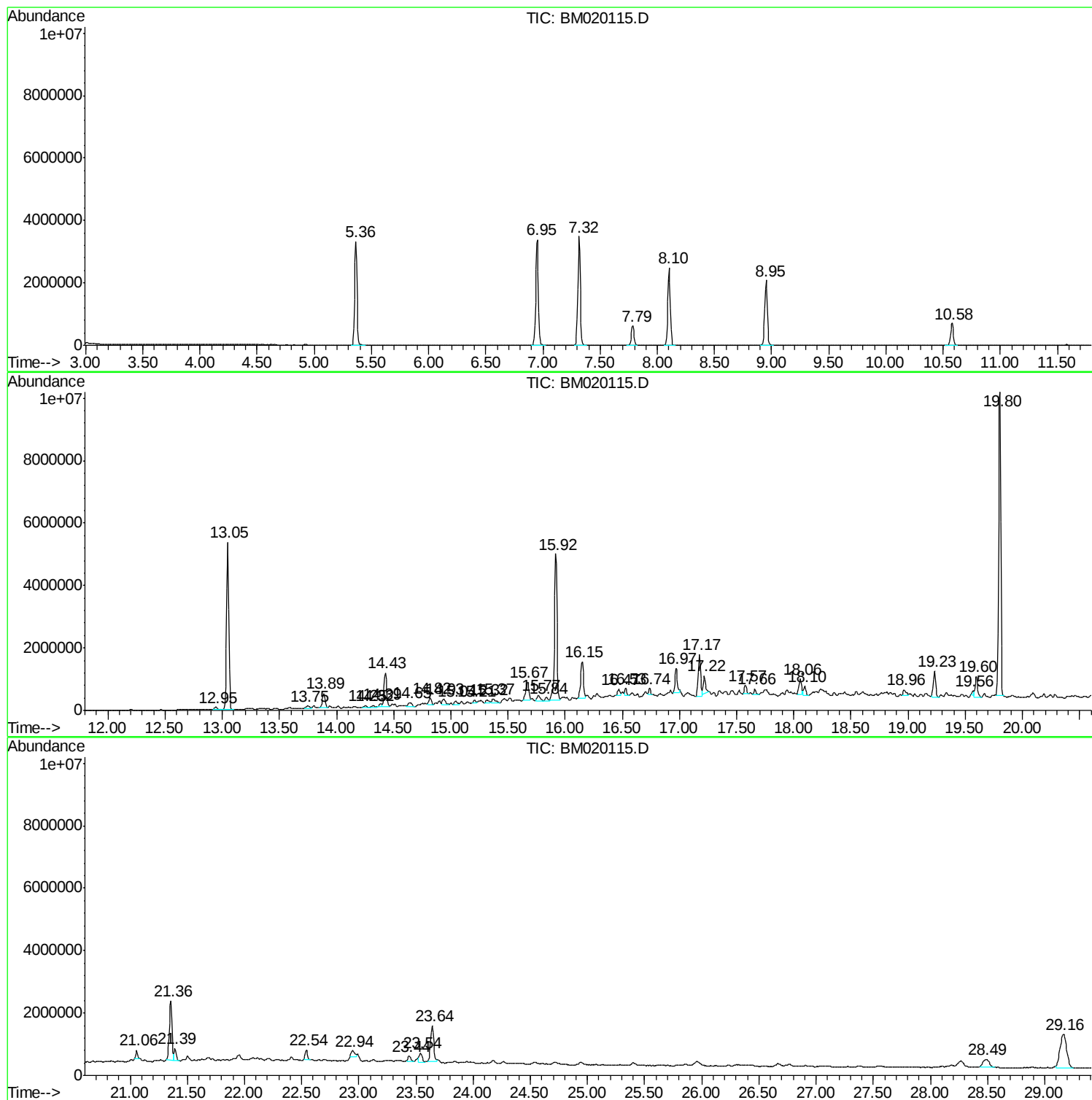
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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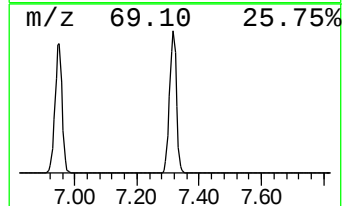
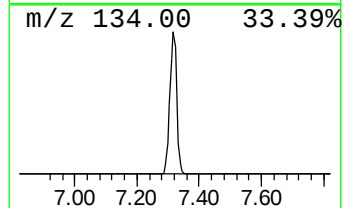
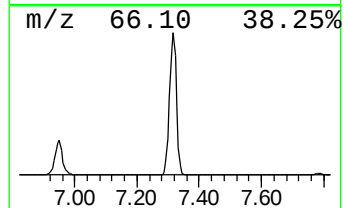
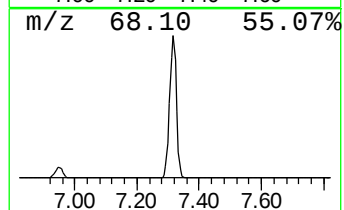
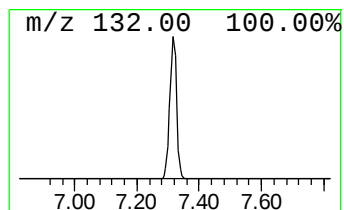
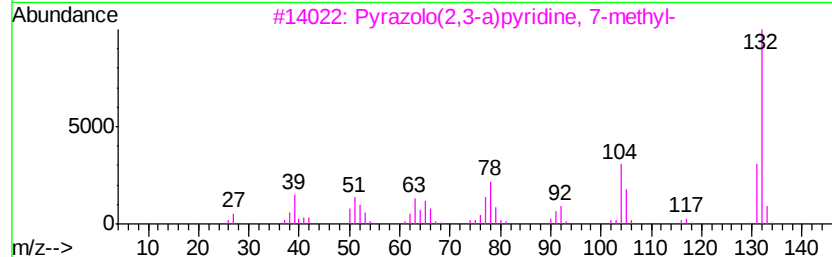
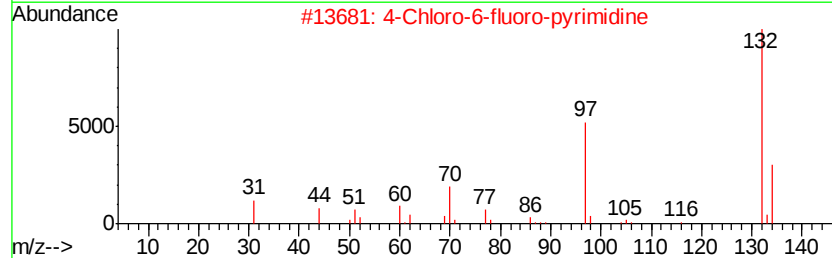
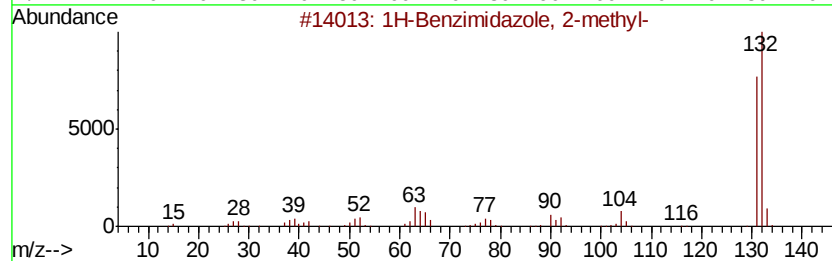
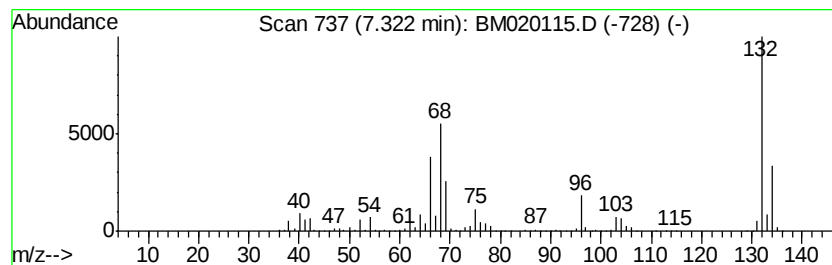
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	110.79 ng	5349310	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
4		2H-Cyclopentadipyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5		Xenon	132	Xe	007440-63-3	9



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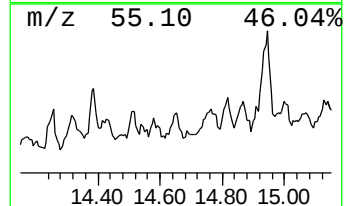
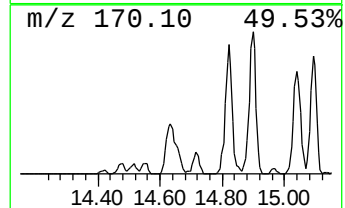
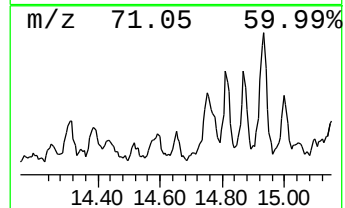
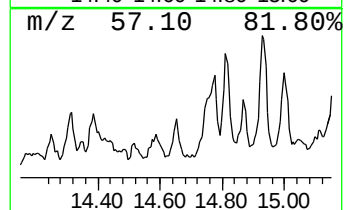
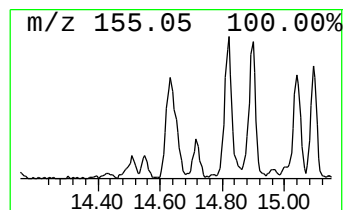
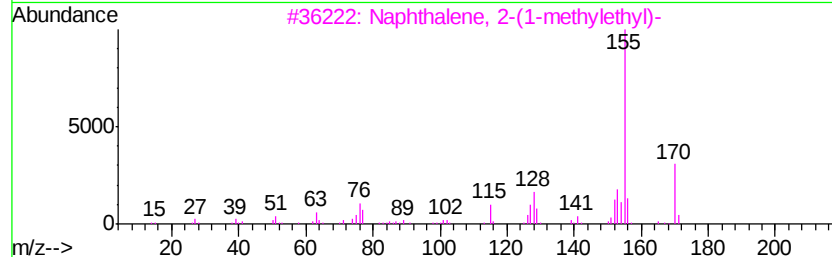
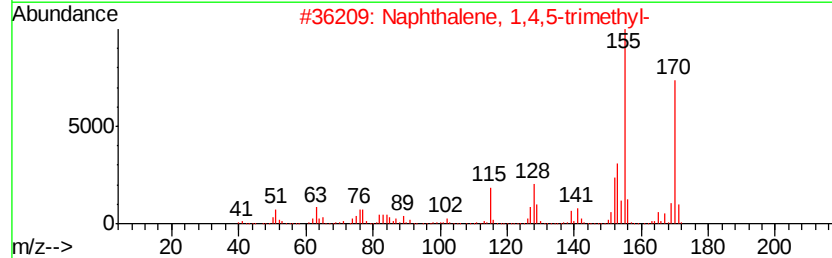
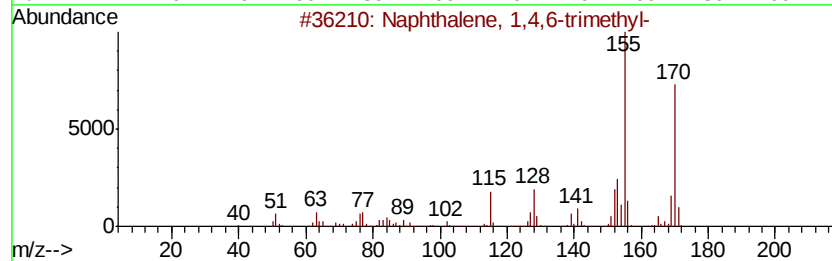
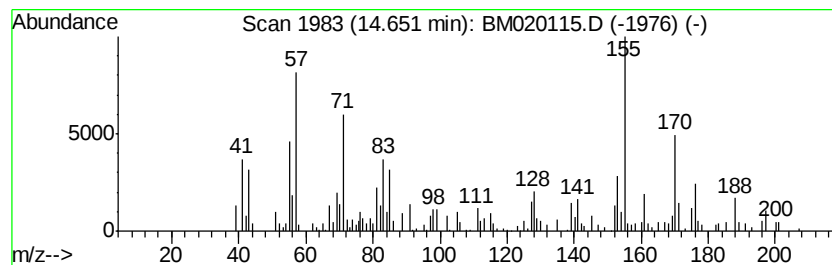
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.86 ng	309066	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 64
2		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 58
3		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 58
4		Ethanone, 1-(5-chloro-2-hydroxypropyl)-	170 C8H7ClO2	001450-74-4 37
5		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 37



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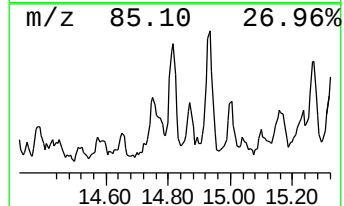
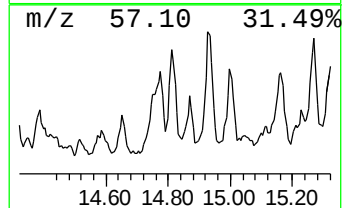
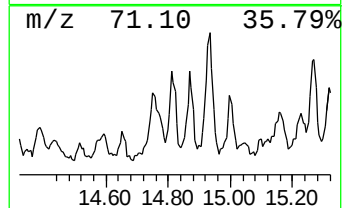
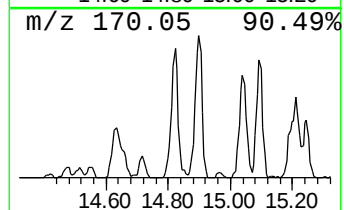
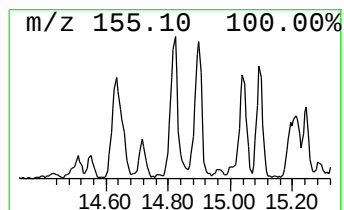
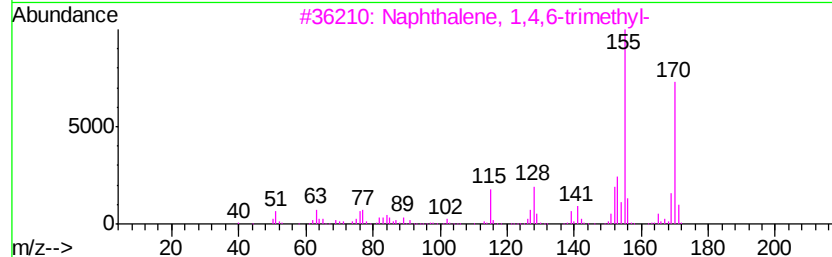
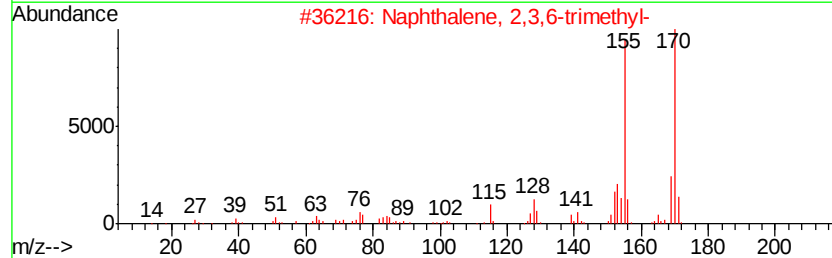
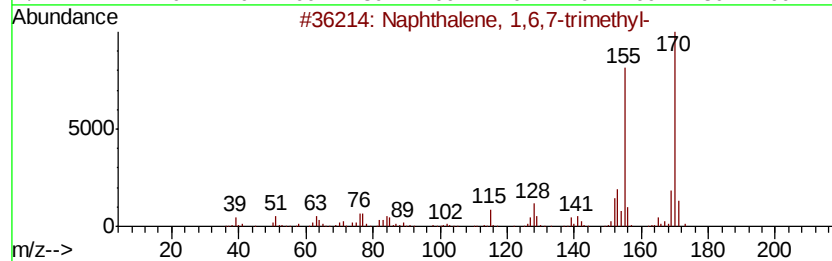
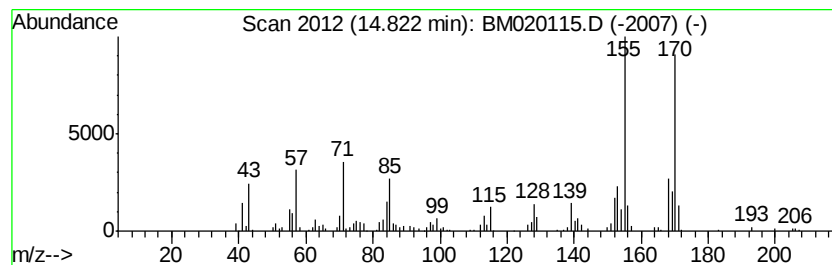
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.22 ng	338174	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



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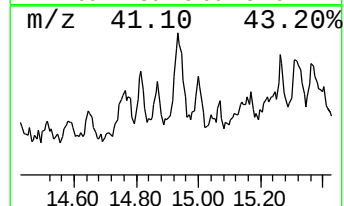
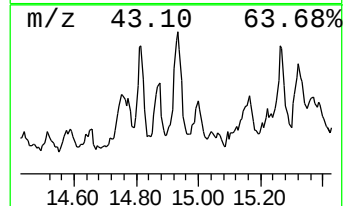
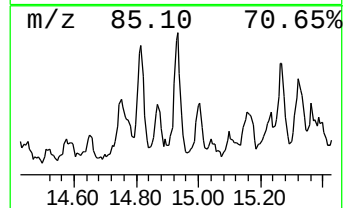
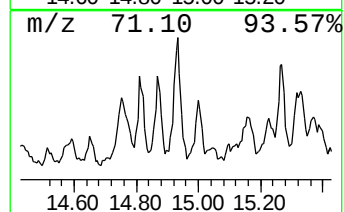
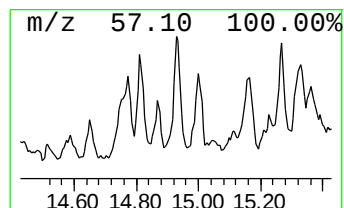
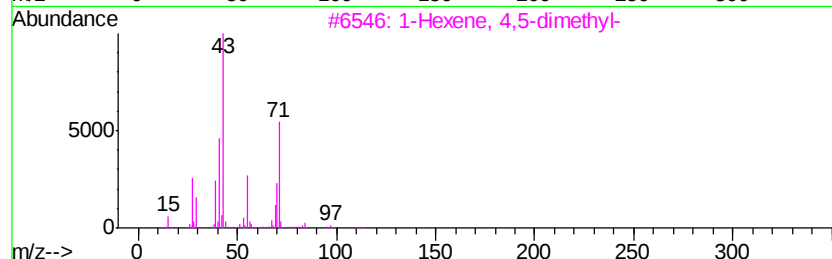
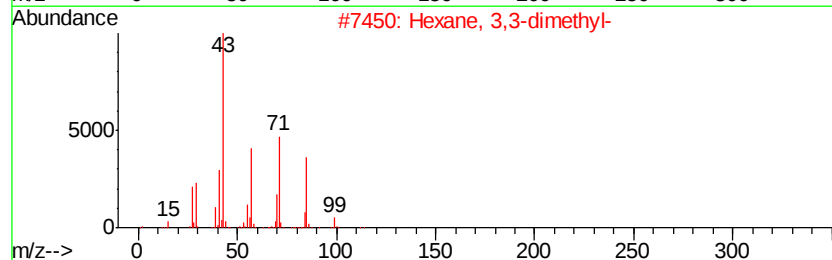
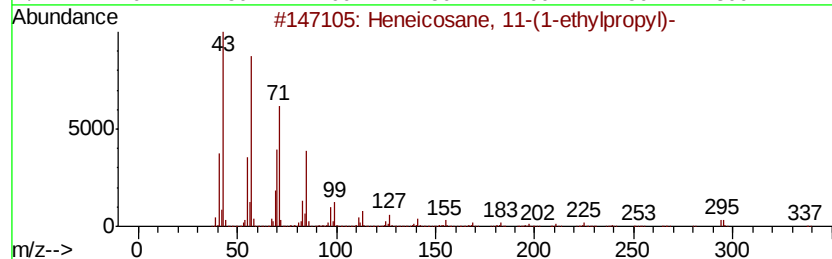
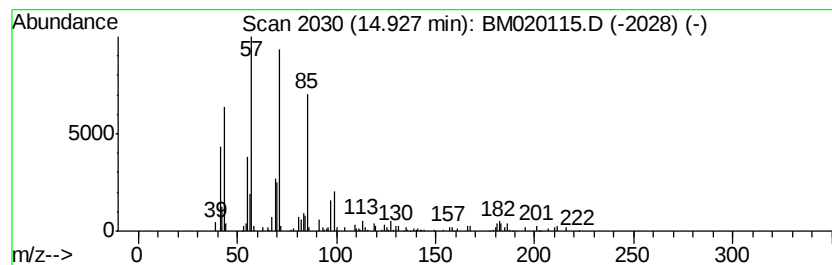
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown14.93 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.96 ng	317325	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	47
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
3		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	27
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	27
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	27



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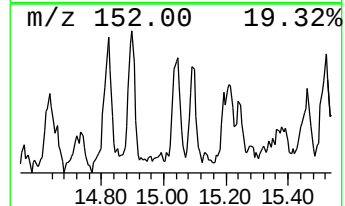
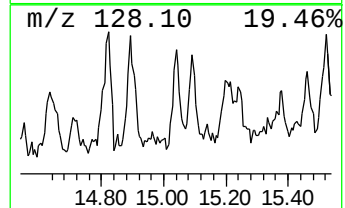
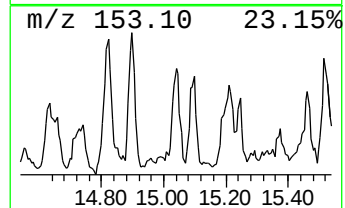
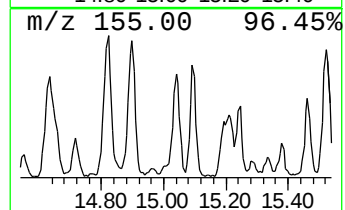
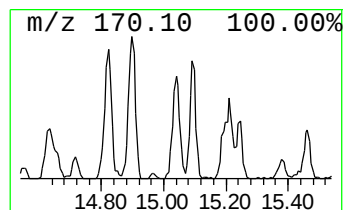
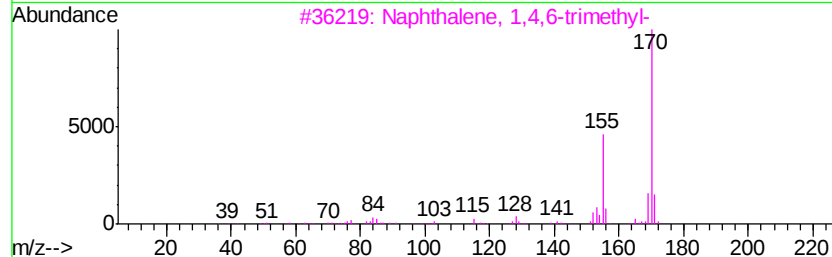
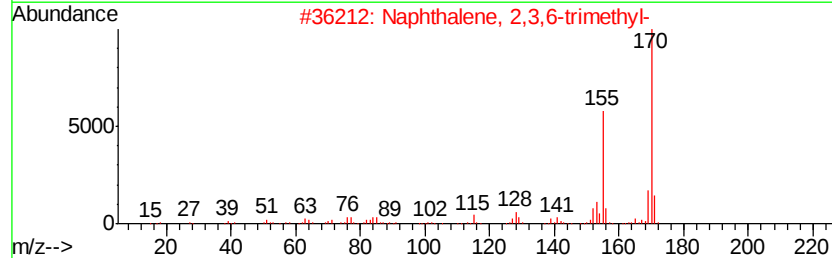
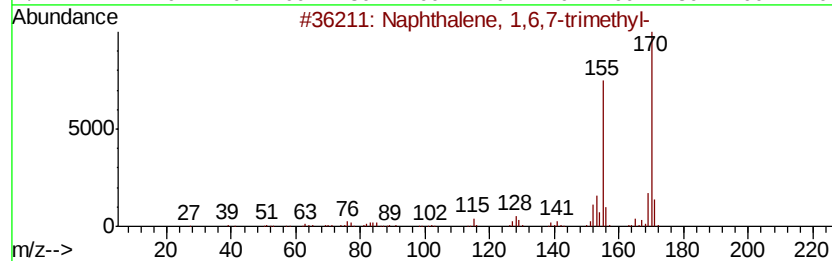
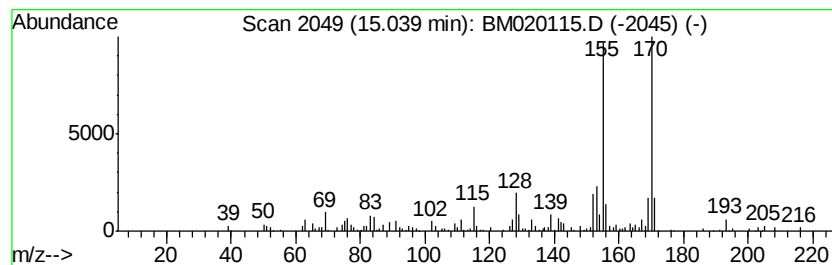
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.65 ng	212443	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-8

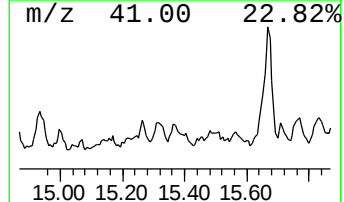
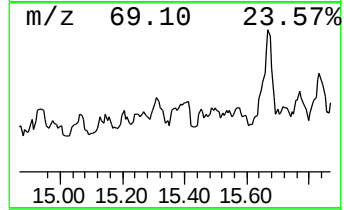
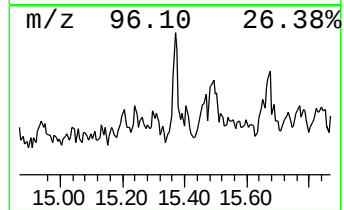
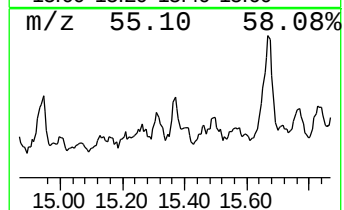
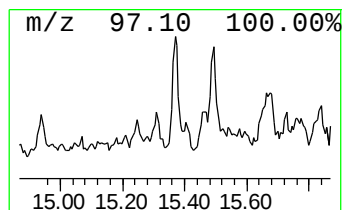
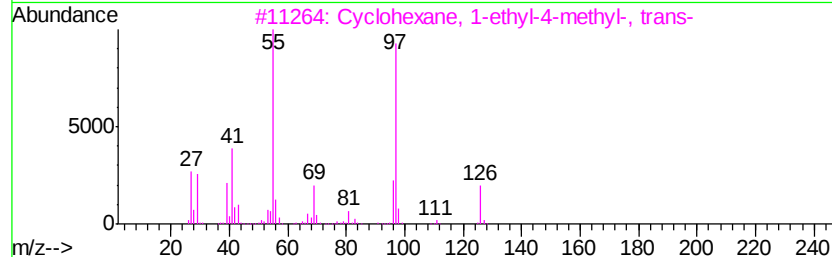
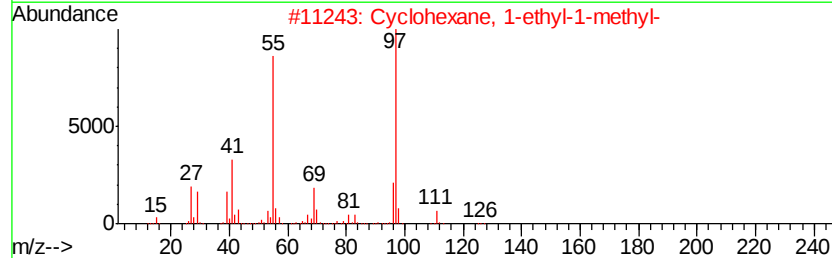
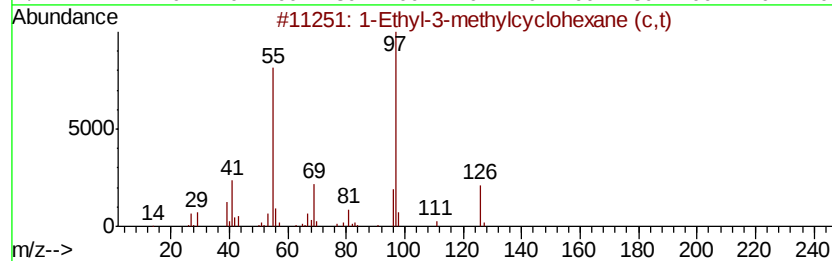
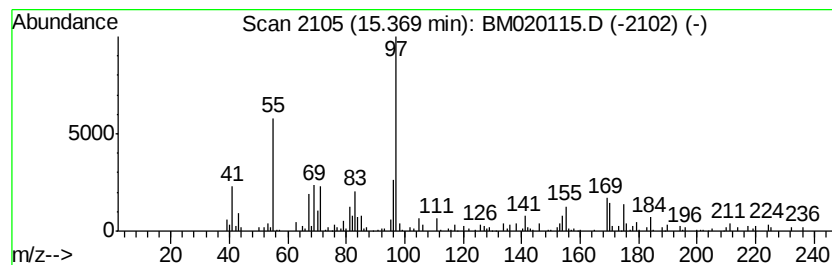
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown15.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.90 ng	312953	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	37
5		Cis-1-methyl-3-n-nonylcyclohexane	224	C16H32	039762-39-5	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSSI-0419-S-DH-8

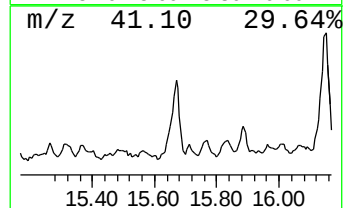
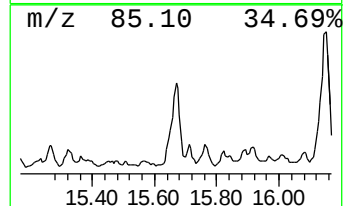
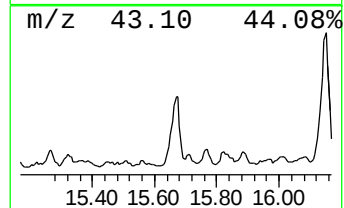
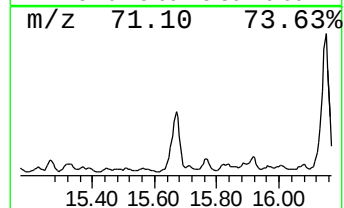
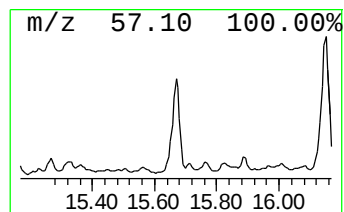
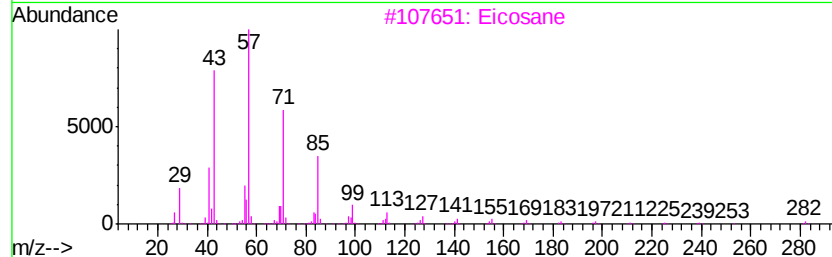
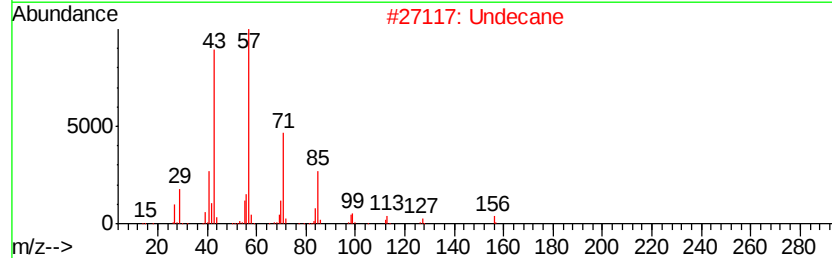
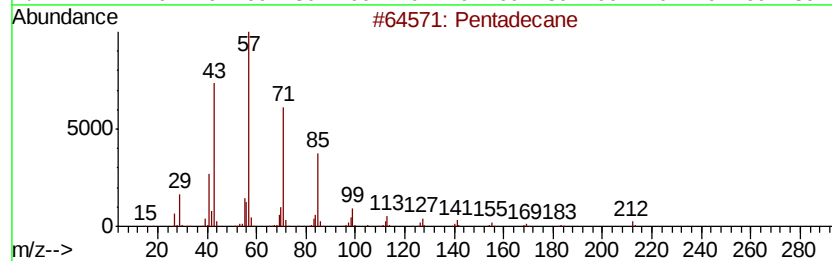
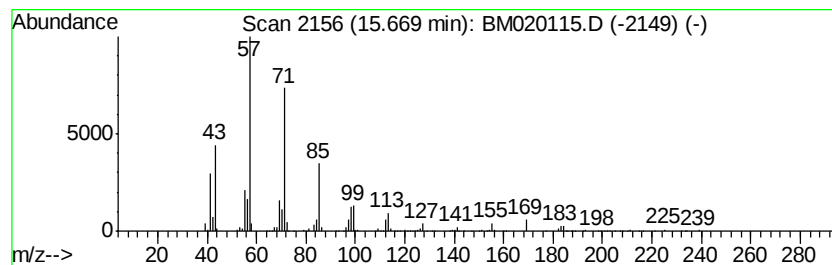
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	13.69 ng	1096830	Acenaphthene-d10	14.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Undecane		156	C11H24	001120-21-4	87
3	Eicosane		282	C20H42	000112-95-8	86
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Tridecane		184	C13H28	000629-50-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

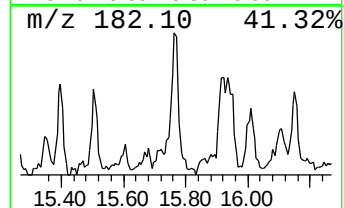
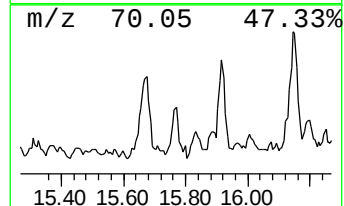
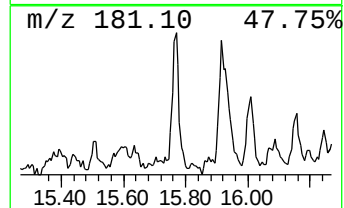
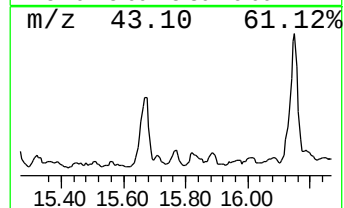
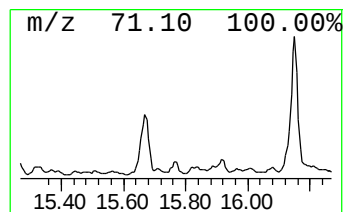
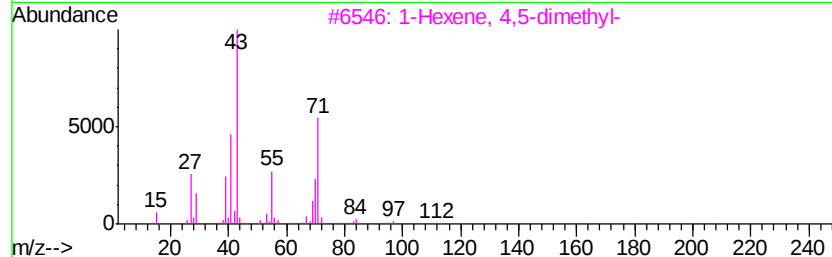
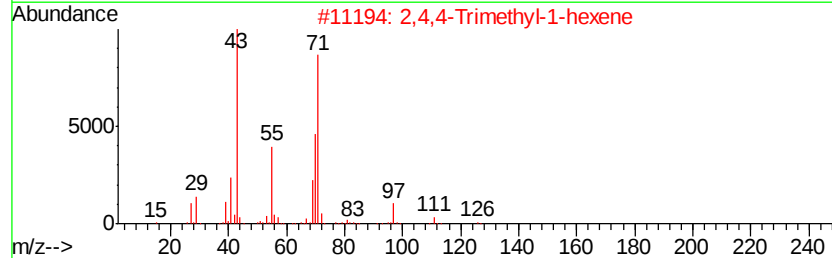
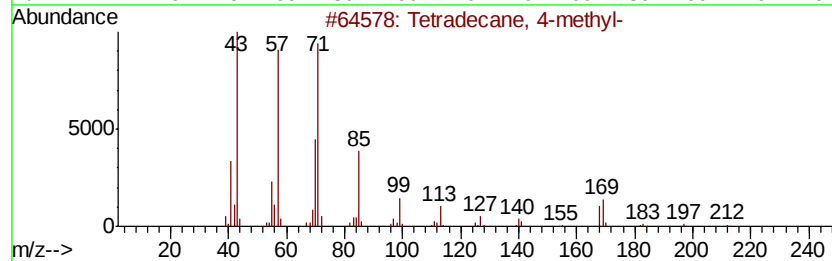
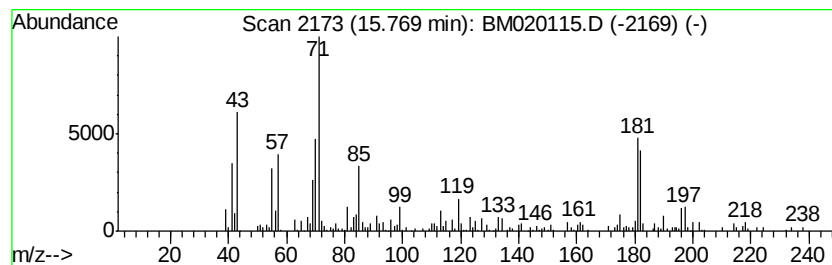
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.77	4.72 ng	378128	Acenaphthene-d10		14.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
2	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	35
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	35
4	Di(tetrahydrofurfuryl)adipate	314	C16H26O6	1000132-93-8	27
5	Piperidin-3-one, 2,2,5-methyl-	141	C8H15NO	103634-57-7	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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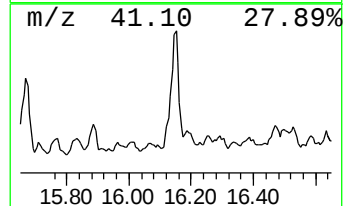
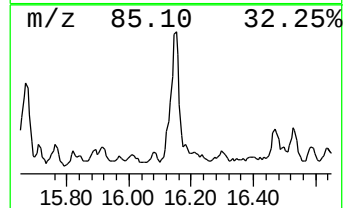
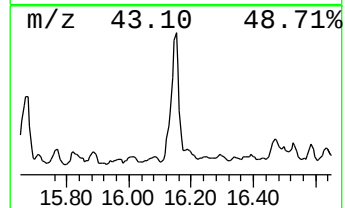
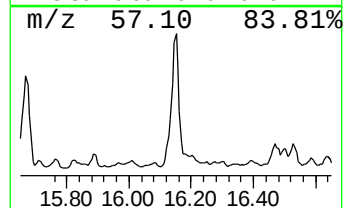
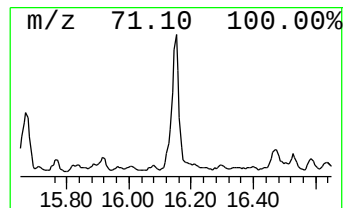
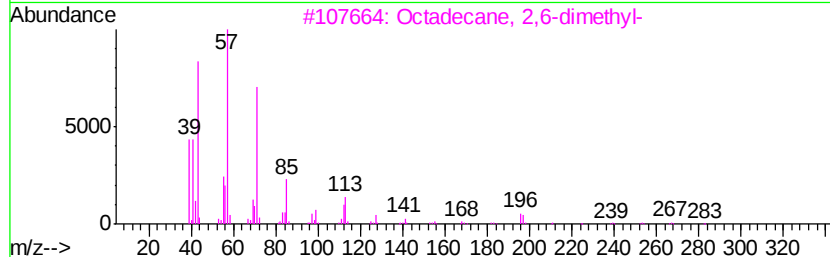
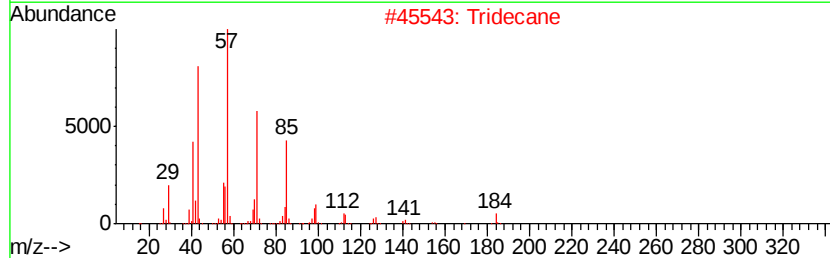
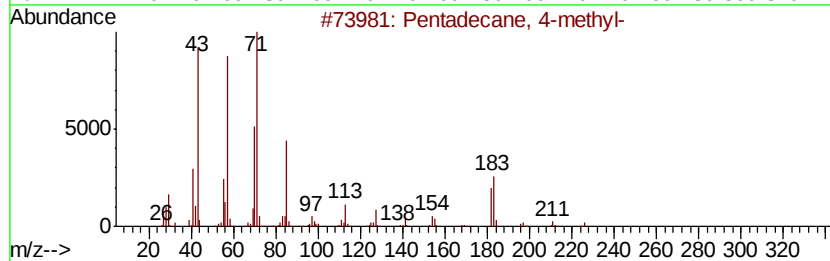
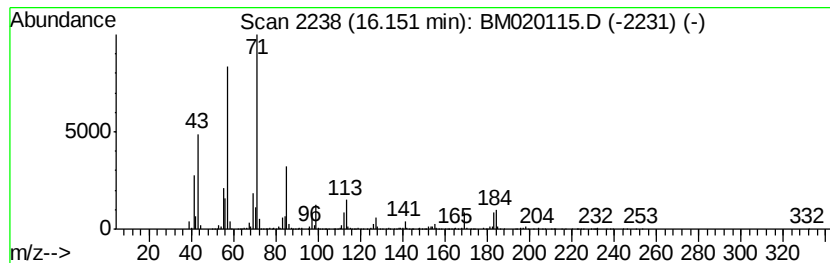
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	18.84 ng	1940250	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
2		Tridecane	184	C13H28	000629-50-5	58
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	47
4		Octane, 2-bromo-	192	C8H17Br	000557-35-7	47
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
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Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

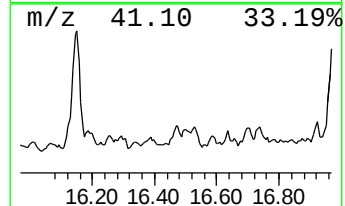
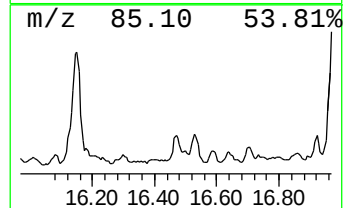
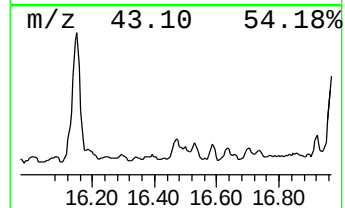
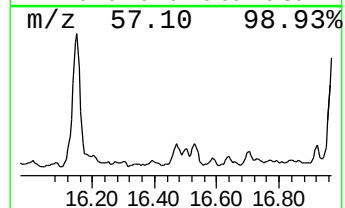
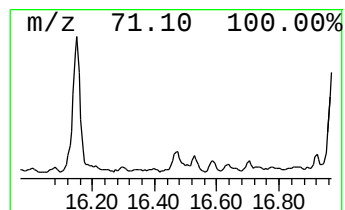
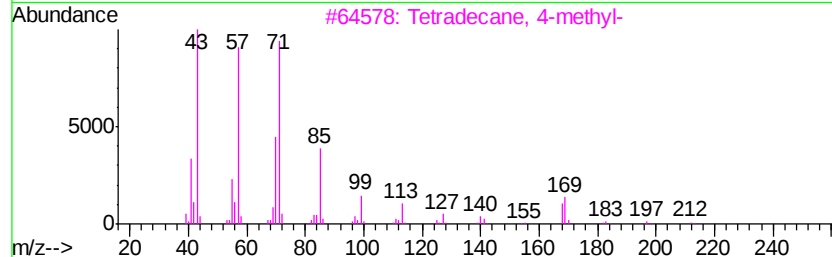
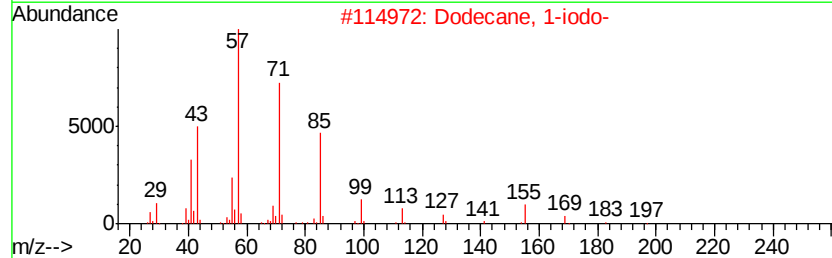
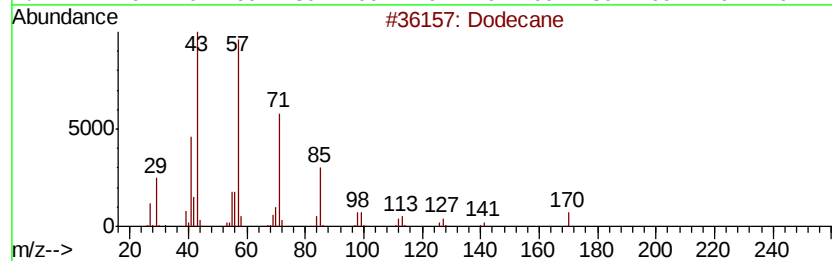
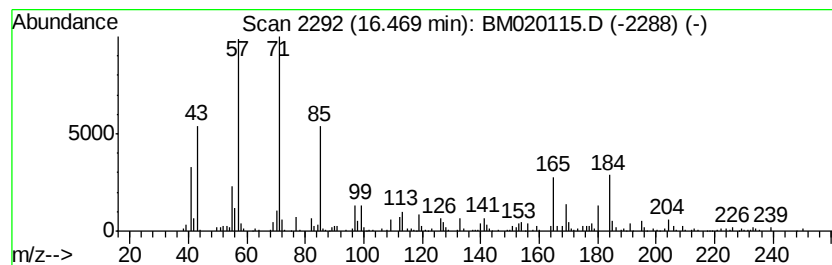
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.92 ng	300409	Phenanthrene-d10	17.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	58
2	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	58
3	Tetradecane, 4-methyl-	212 C15H32	025117-24-2	53
4	Hexatriacontane	507 C36H74	000630-06-8	50
5	3-Ethyl-3-methylheptane	142 C10H22	017302-01-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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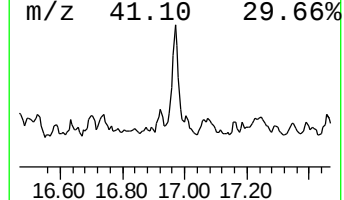
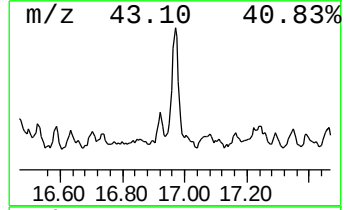
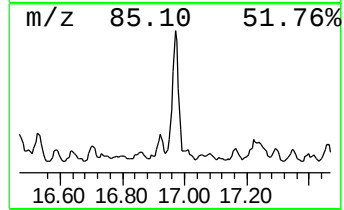
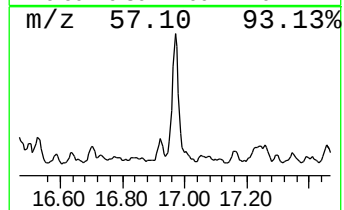
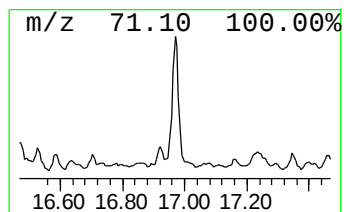
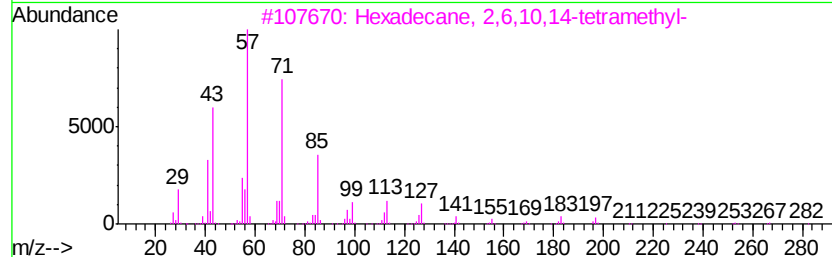
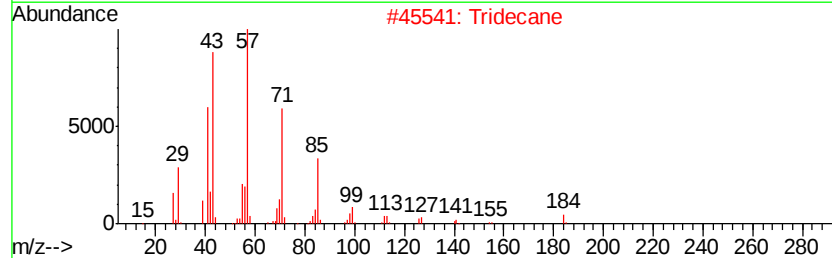
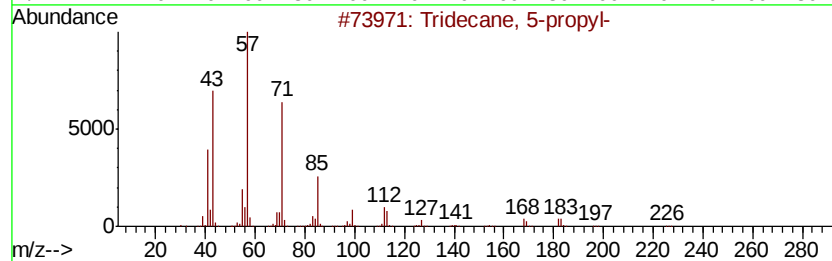
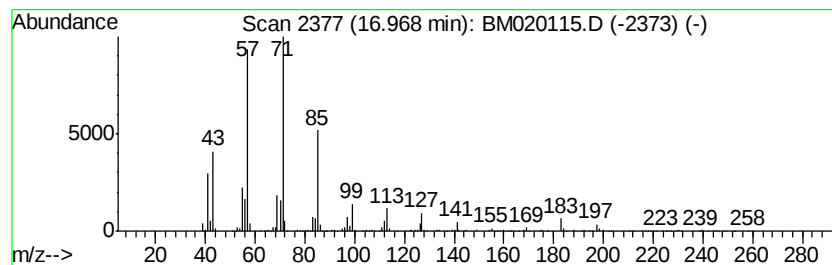
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	10.66 ng	1097950	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Tetracosane	338	C24H50	000646-31-1	80
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-8

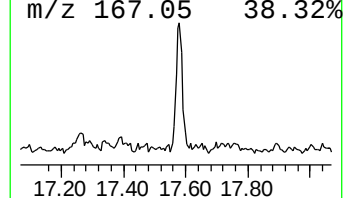
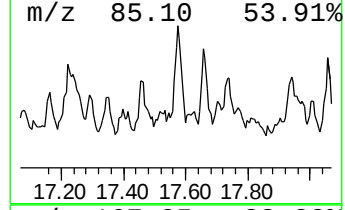
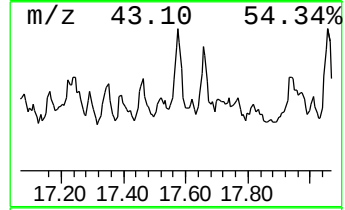
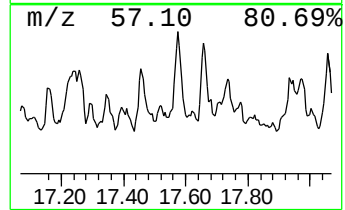
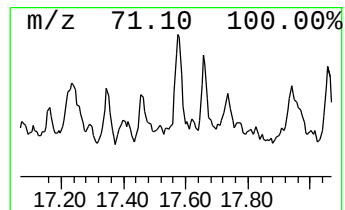
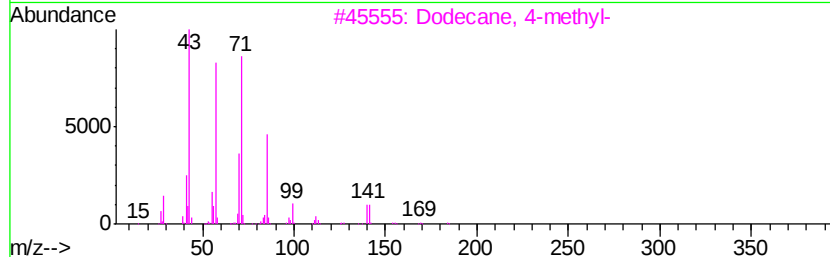
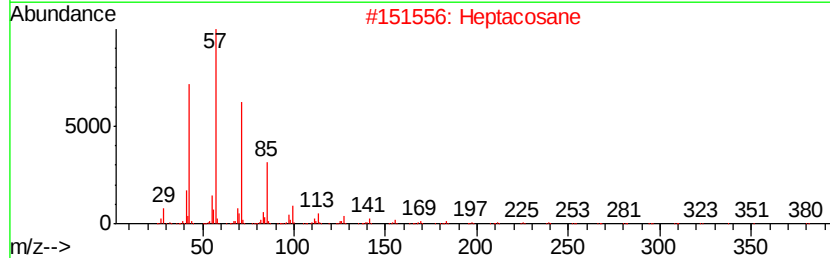
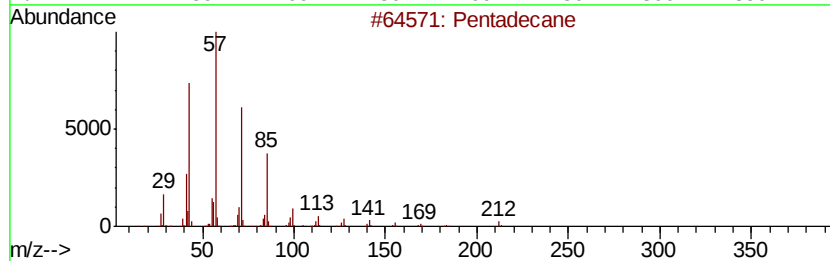
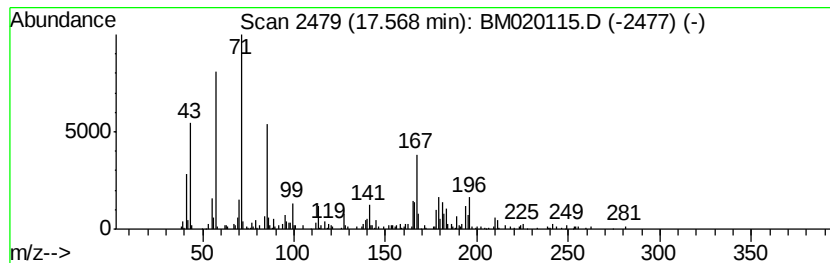
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.57 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	3.37 ng	346498	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	60
2		Heptacosane	380	C27H56	000593-49-7	49
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
4		Eicosane	282	C20H42	000112-95-8	43
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
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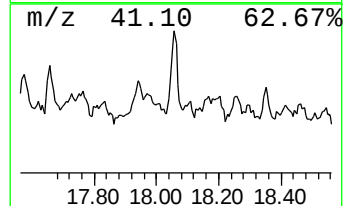
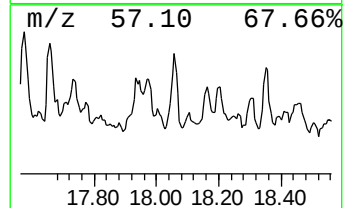
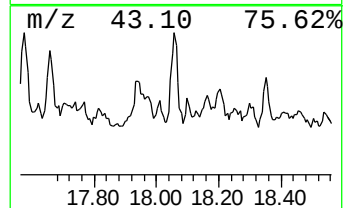
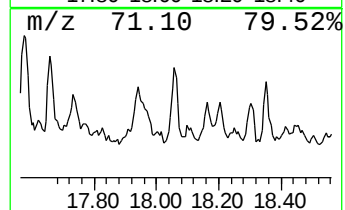
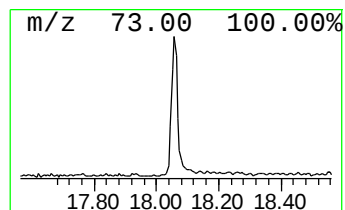
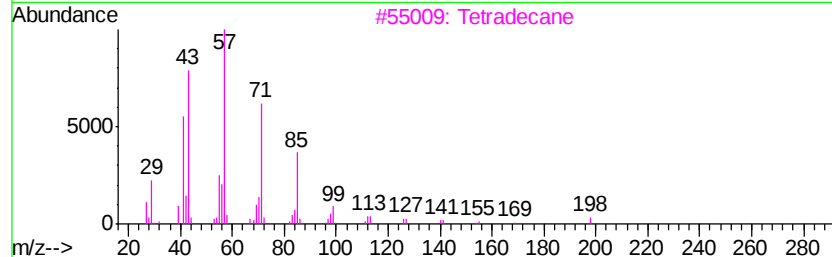
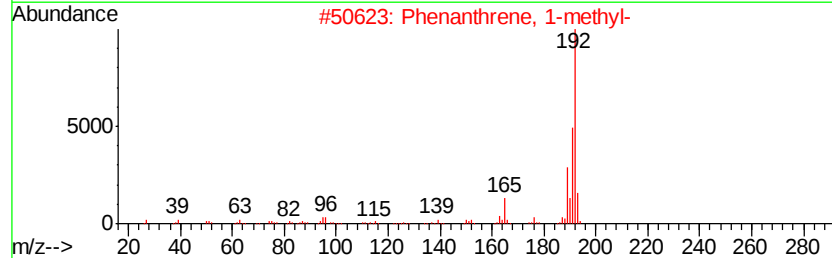
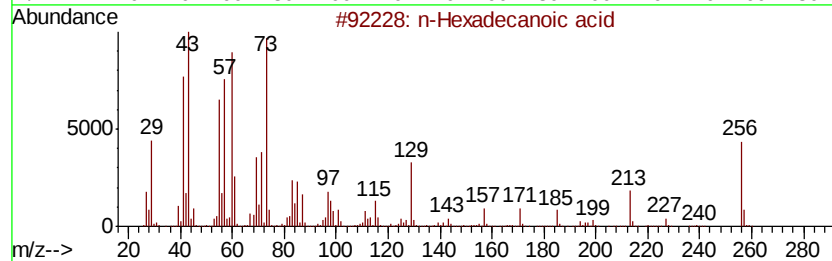
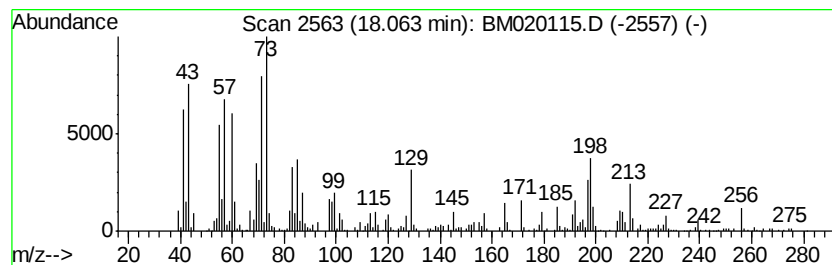
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	7.58 ng	780604	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
3		Tetradecane	198	C14H30	000629-59-4	42
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

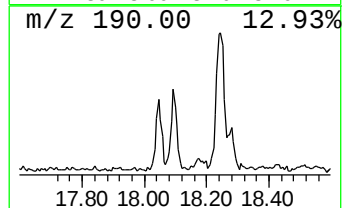
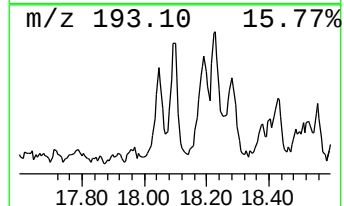
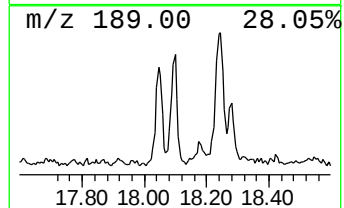
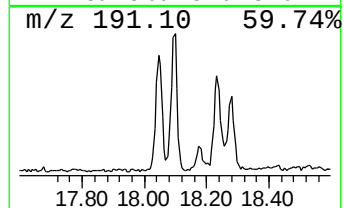
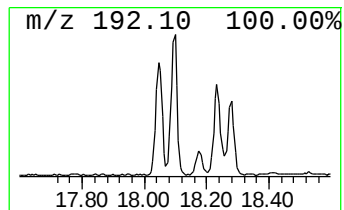
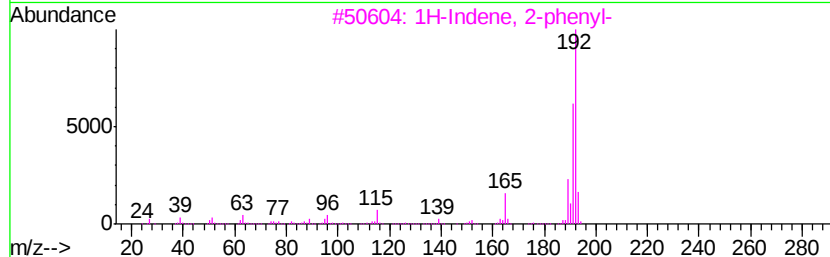
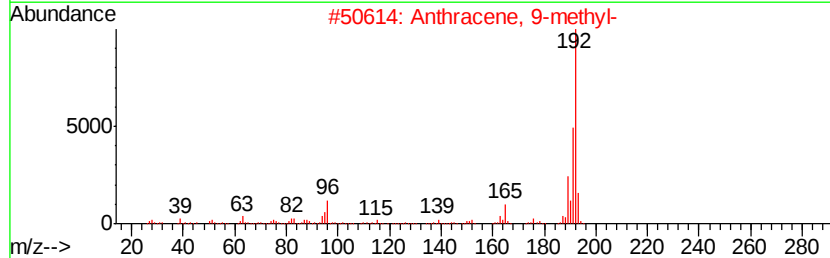
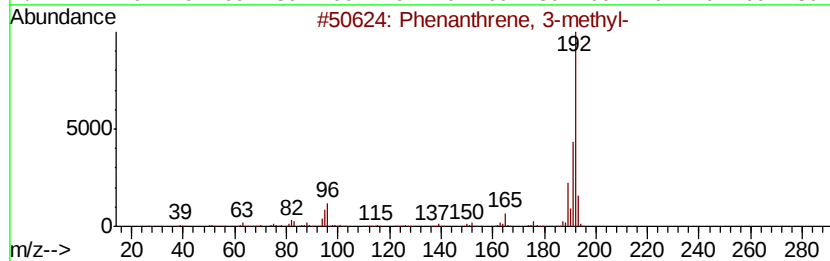
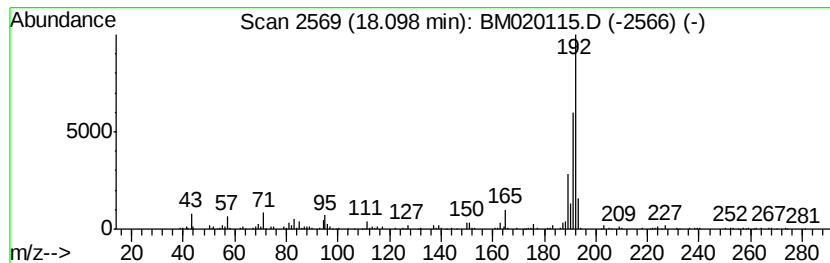
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.10	3.90 ng	401199	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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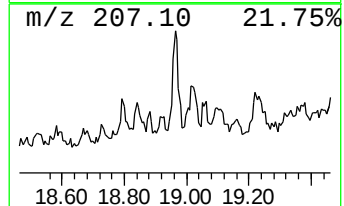
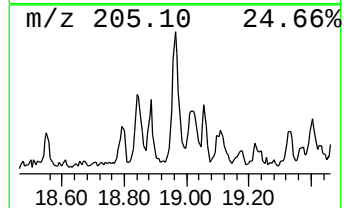
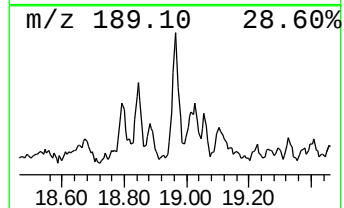
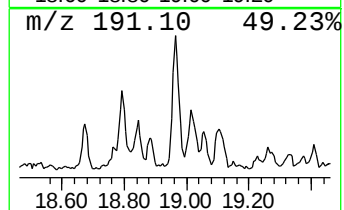
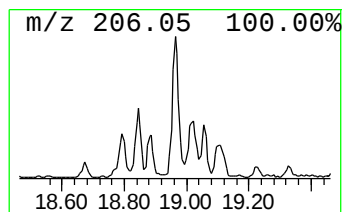
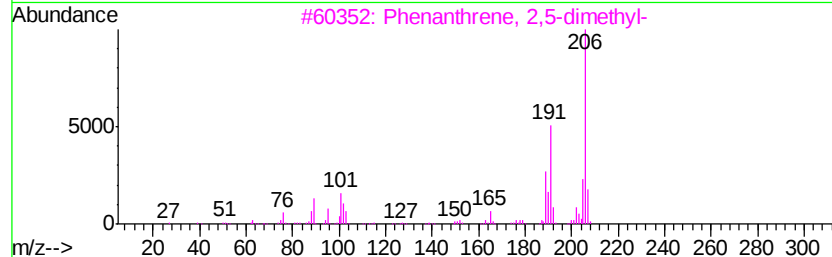
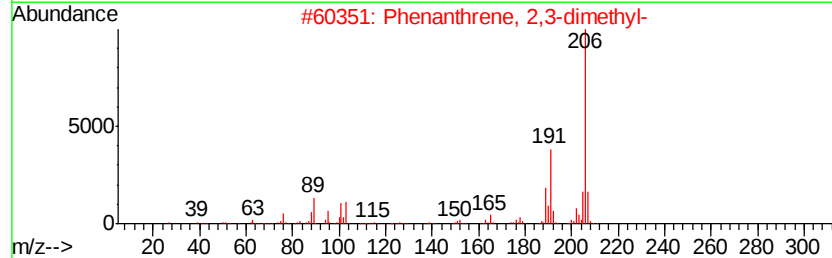
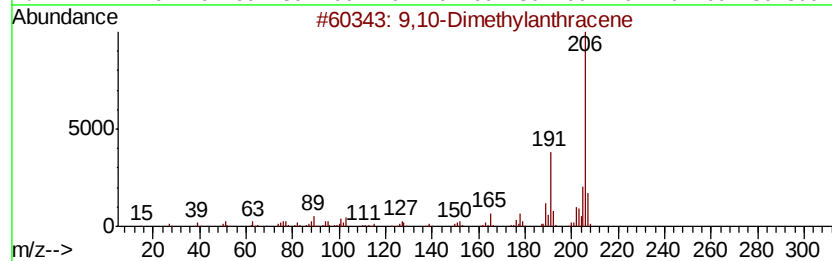
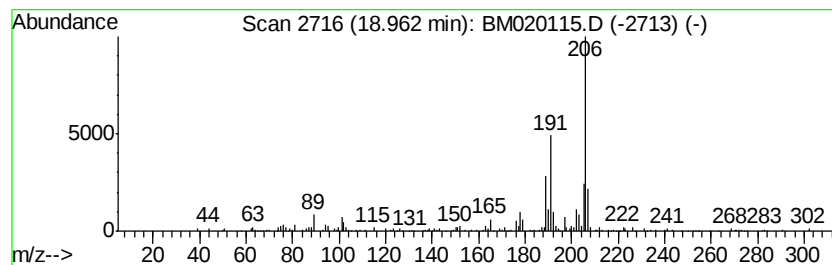
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Dimethylantracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.18 ng	327616	Phenanthrene-d10	17.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
Sample : K2584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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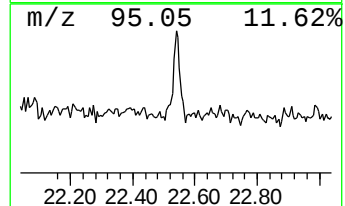
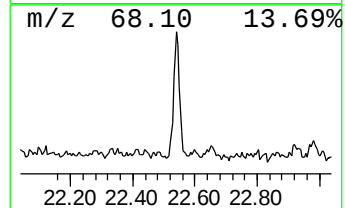
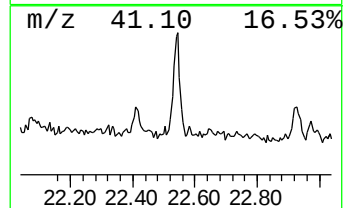
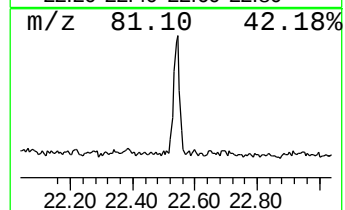
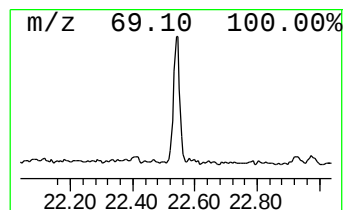
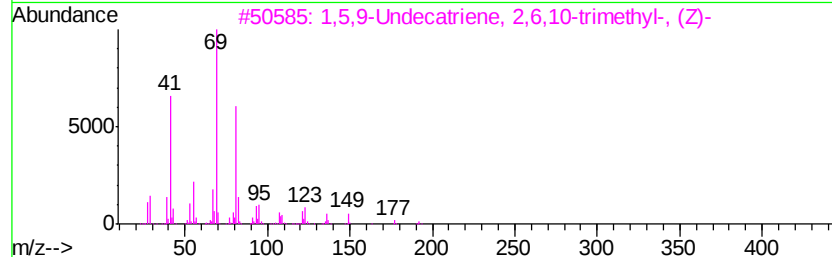
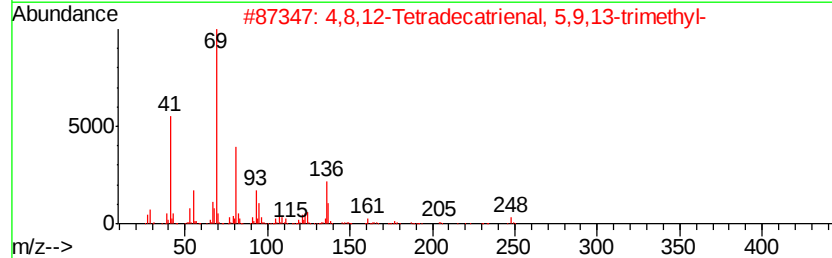
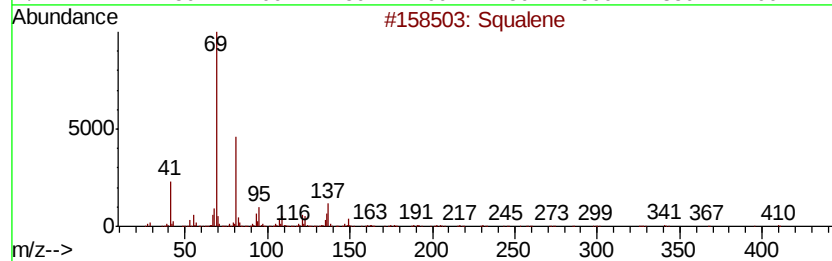
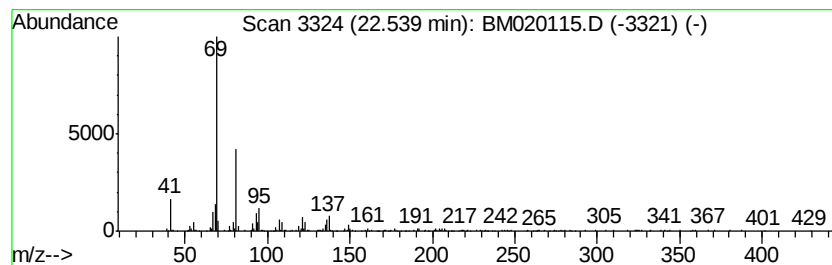
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Squalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.93 ng	435593	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	98
2		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72



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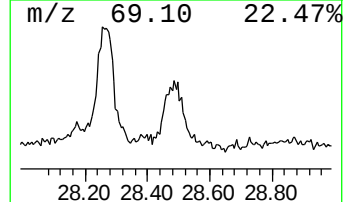
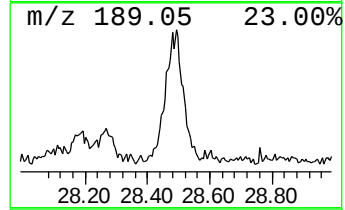
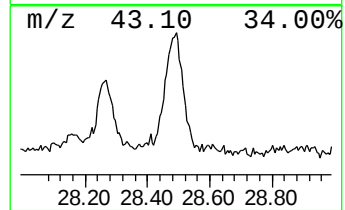
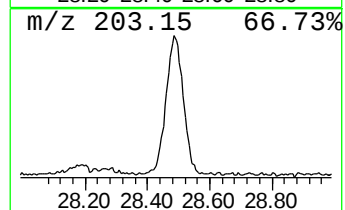
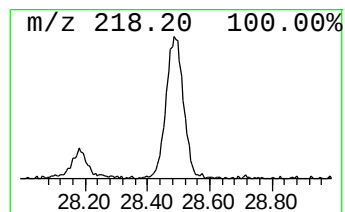
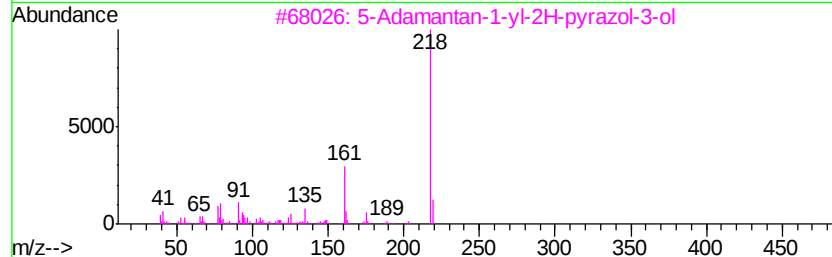
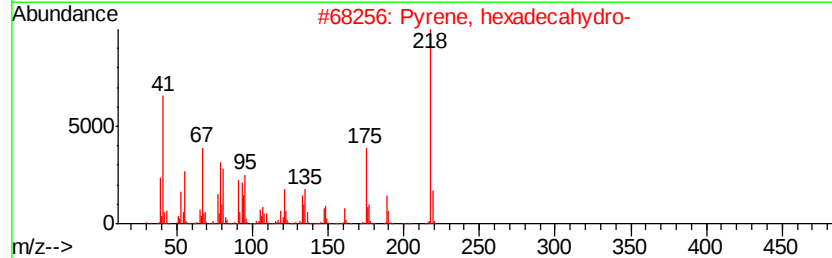
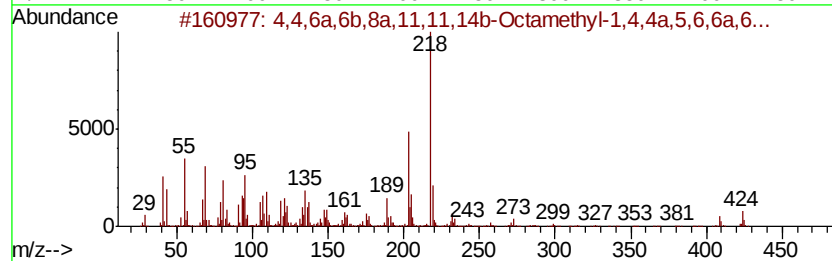
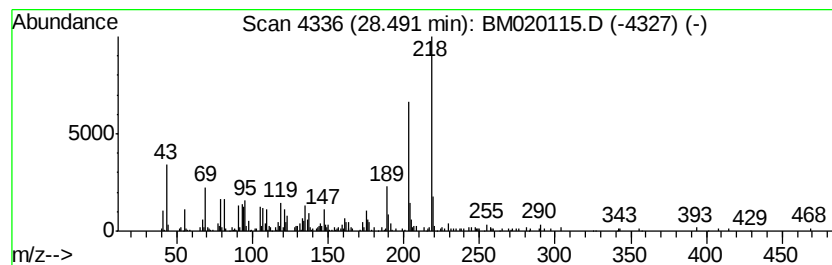
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown28.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
28.49	9.14 ng	1013420	Perylene-d12	23.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,11,14b-Octamethyl...	424	C30H48O	1000194-62-4	49	
2	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	49	
3	5-Adamantan-1-yl-2H-pyrazol-3-ol	218	C13H18N2O	1000274-32-3	46	
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38	
5	3-METHOXY-2-METHYL-8-NITROQUINOLINE	218	C11H10N2O3	1000242-11-7	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020115.D
Acq On : 03 May 2019 17:04
Operator : JU/SJ
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ALS Vial : 9 Sample Multiplier: 1

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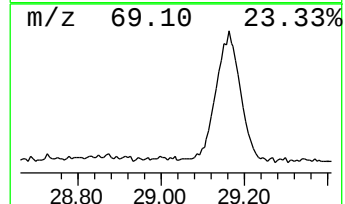
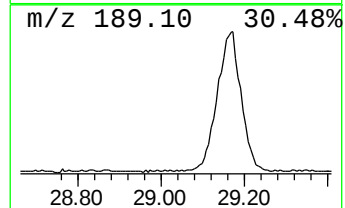
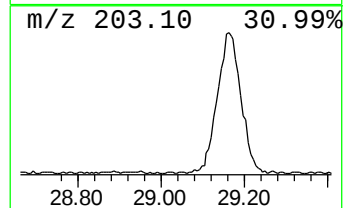
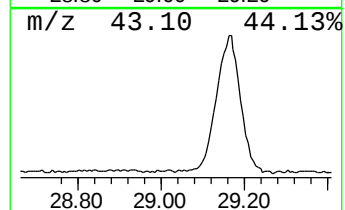
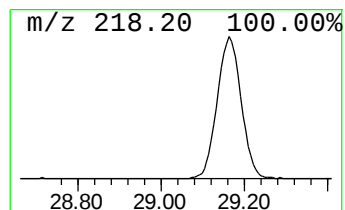
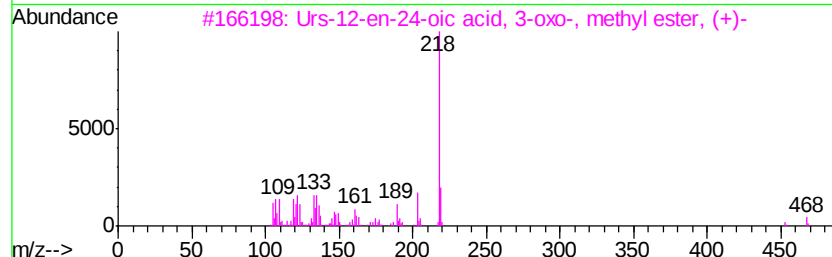
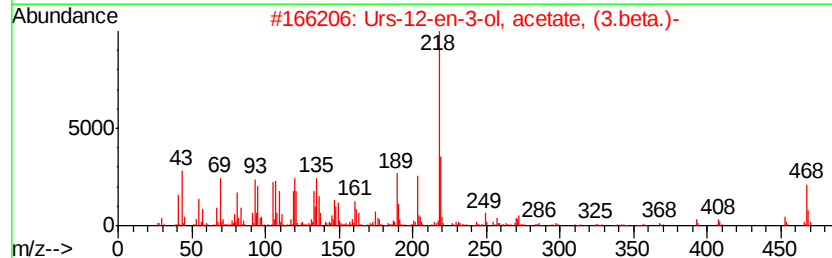
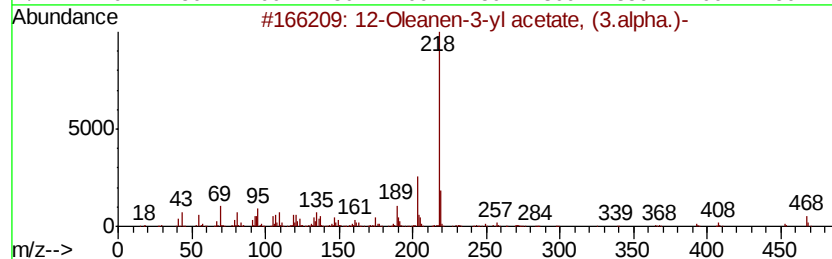
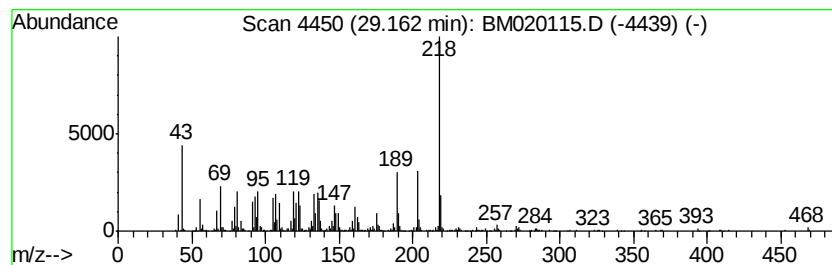
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 12-Oleanen-3-yl acetate, (3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.16	38.79 ng	4299050	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	12-Oleanen-3-yl acetate, (3.alpha...	468	C32H52O2	033055-28-6	78
2		Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	76
3		Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H48O3	020475-86-9	72
4		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	70
5		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050319\
 Data File : BM020115.D
 Acq On : 03 May 2019 17:04
 Operator : JU/SJ
 Sample : K2584-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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
unknown7.32	7.32	110.8	ng	5349310	1	7.79	965692	20.0
Naphthalene, 1,4,...	14.65	3.9	ng	309066	3	14.43	1602850	20.0
Naphthalene, 2,3,...	14.82	4.2	ng	338174	3	14.43	1602850	20.0
unknown14.93	14.93	4.0	ng	317325	3	14.43	1602850	20.0
Naphthalene, 1,6,...	15.04	2.6	ng	212443	3	14.43	1602850	20.0
unknown15.37	15.37	3.9	ng	312953	3	14.43	1602850	20.0
Pentadecane	15.67	13.7	ng	1096830	3	14.43	1602850	20.0
unknown15.77	15.77	4.7	ng	378128	3	14.43	1602850	20.0
Pentadecane, 4-me...	16.15	18.8	ng	1940250	4	17.17	2059390	20.0
Dodecane	16.47	2.9	ng	300409	4	17.17	2059390	20.0
Tridecane, 5-propyl-	16.97	10.7	ng	1097950	4	17.17	2059390	20.0
unknown17.57	17.57	3.4	ng	346498	4	17.17	2059390	20.0
n-Hexadecanoic acid	18.06	7.6	ng	780604	4	17.17	2059390	20.0
Phenanthrene, 3-m...	18.10	3.9	ng	401199	4	17.17	2059390	20.0
9,10-Dimethylanthe...	18.96	3.2	ng	327616	4	17.17	2059390	20.0
Squalene	22.54	3.9	ng	435593	6	23.64	2216510	20.0
unknown28.49	28.49	9.1	ng	1013420	6	23.64	2216510	20.0
12-Oleanen-3-yl a...	29.16	38.8	ng	4299050	6	23.64	2216510	20.0