

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113576.D
 Acq On : 4 Apr 2019 7:44
 Operator : JU/SJ
 Sample : K2232-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

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-BF040319.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	3.210	185	191	205	rBV	68050	135788	2.52%	0.408%
2	4.228	355	364	367	rBV	3258477	5396536	100.00%	16.196%
3	4.887	467	476	479	rBV	2219520	3682632	68.24%	11.052%
4	5.310	545	548	554	rBV	87392	117544	2.18%	0.353%
5	6.334	718	722	740	rBV	1415065	1493151	27.67%	4.481%
6	6.457	740	743	749	rVB	377289	329551	6.11%	0.989%
7	6.686	778	782	791	rBV	838163	741321	13.74%	2.225%
8	6.757	791	794	804	rBV	198927	178044	3.30%	0.534%
9	6.839	804	808	814	rBV	2095344	1913177	35.45%	5.742%
10	7.010	834	837	846	rVB	72974	78520	1.46%	0.236%
11	7.251	874	878	889	rBV	1546971	1437838	26.64%	4.315%
12	7.333	889	892	897	rVV	157058	124776	2.31%	0.374%
13	7.969	996	1000	1005	rBV	1011479	886070	16.42%	2.659%
14	8.939	1162	1165	1173	rVB	283773	238487	4.42%	0.716%
15	9.045	1179	1183	1194	rBV	3089936	2676545	49.60%	8.033%
16	9.339	1230	1233	1237	rBV	94540	85435	1.58%	0.256%
17	9.439	1247	1250	1255	rVB	119714	110140	2.04%	0.331%
18	9.722	1294	1298	1303	rBV2	1022734	873867	16.19%	2.623%
19	11.204	1547	1550	1553	rBV	1007737	880311	16.31%	2.642%
20	11.227	1553	1554	1559	rVB	156263	108848	2.02%	0.327%
21	12.304	1734	1737	1741	rVB	61480	63232	1.17%	0.190%
22	12.416	1753	1756	1759	rBV	177911	159053	2.95%	0.477%
23	12.645	1792	1795	1798	rBV2	172716	148461	2.75%	0.446%
24	12.792	1815	1820	1823	rBV	2650307	2480649	45.97%	7.445%
25	13.027	1858	1860	1864	rBV2	129312	126729	2.35%	0.380%
26	13.368	1916	1918	1921	rVB	223382	196368	3.64%	0.589%
27	13.698	1971	1974	1979	rVB	315720	281437	5.22%	0.845%
28	13.845	1993	1999	2002	rBV2	871921	1077335	19.96%	3.233%
29	14.015	2025	2028	2031	rBV	291330	255600	4.74%	0.767%
30	14.321	2077	2080	2083	rBV	282119	300487	5.57%	0.902%
31	14.615	2127	2130	2133	rBV	283917	334499	6.20%	1.004%
32	14.680	2138	2141	2145	rVB	550525	551278	10.22%	1.654%
33	14.927	2181	2183	2186	rVB	265957	262214	4.86%	0.787%
34	15.068	2204	2207	2212	rVB	336701	391405	7.25%	1.175%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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	15.262	2236	2240	2247	rVB2	479492	814414	15.09%	2.444%
36	15.898	2345	2348	2362	rVB	366455	800271	14.83%	2.402%
37	16.074	2373	2378	2387	rBV2	1174938	2576575	47.74%	7.733%
38	16.304	2413	2417	2423	rVB	371269	602945	11.17%	1.810%
39	16.756	2491	2494	2500	rVB2	241984	408451	7.57%	1.226%

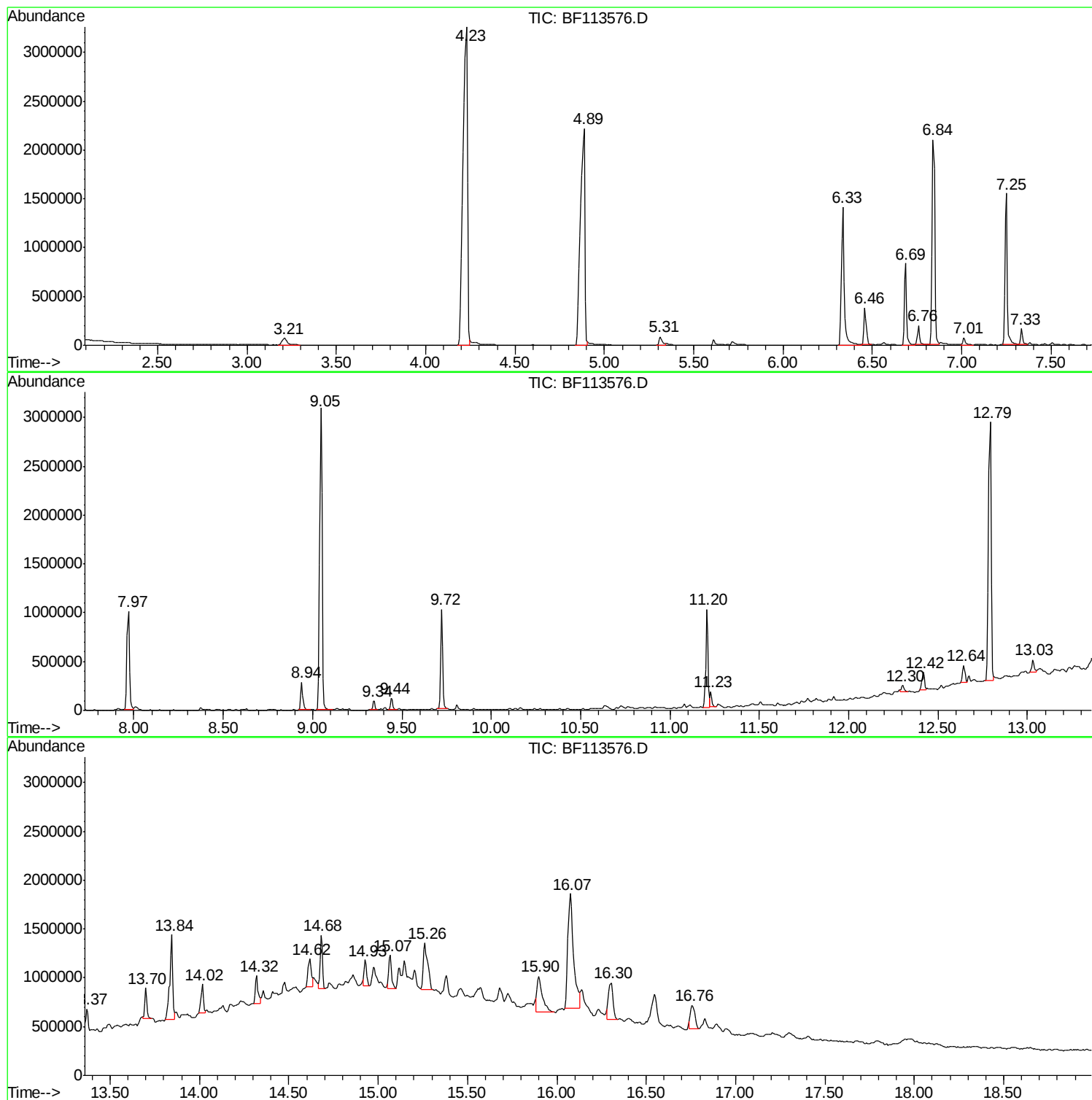
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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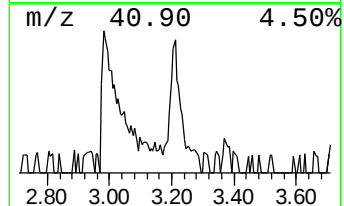
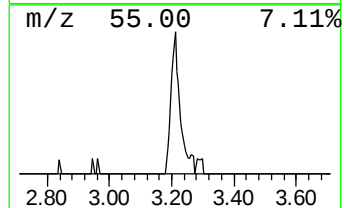
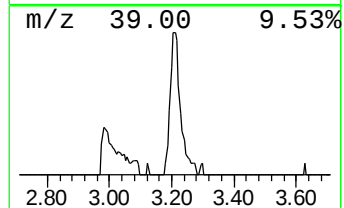
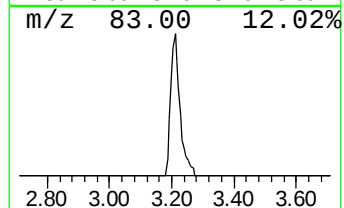
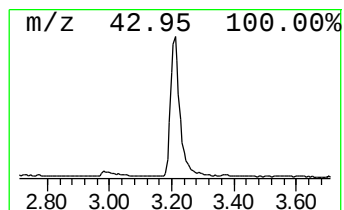
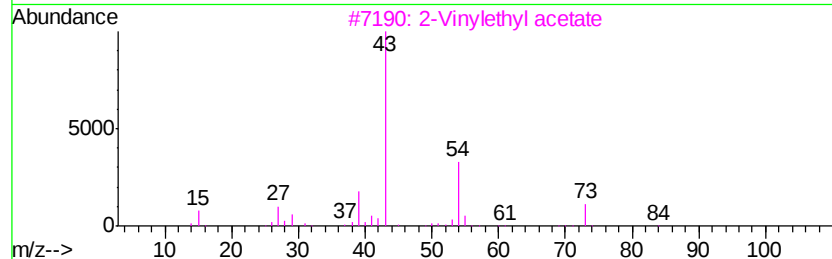
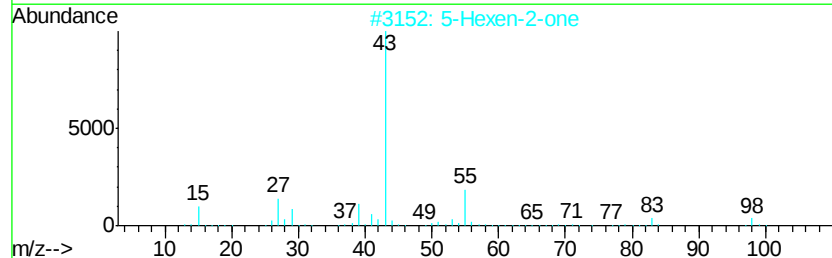
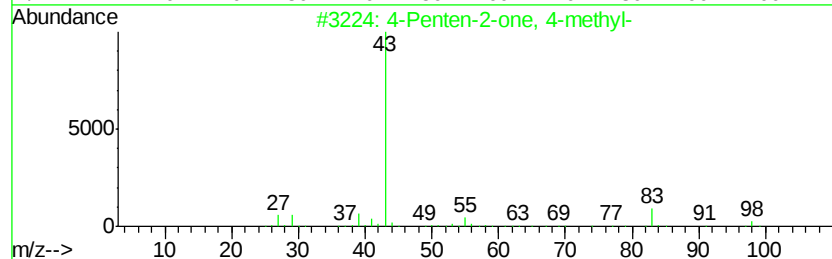
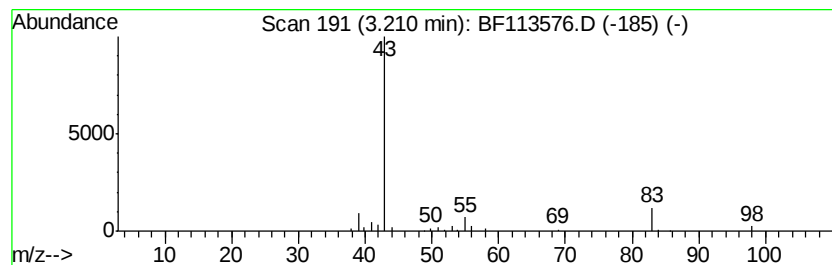
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	3.66 ng	135788	1,4-Dichlorobenzene-d4	6.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2			5-Hexen-2-one	98	C6H10O	000109-49-9	50
3			2-Vinylethyl acetate	114	C6H10O2	001576-84-7	28
4			Pent-3-enylamine	85	C5H11N	087156-70-5	9
5			2-Pentanone, 5-hydroxy-	102	C5H10O2	001071-73-4	9



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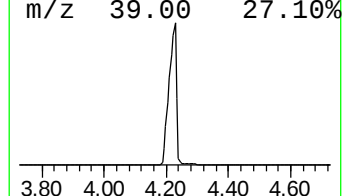
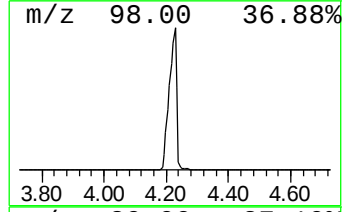
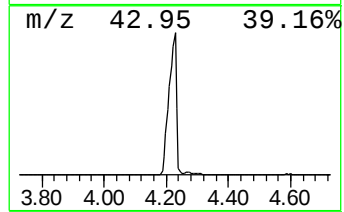
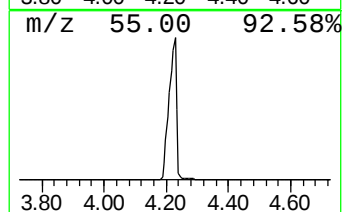
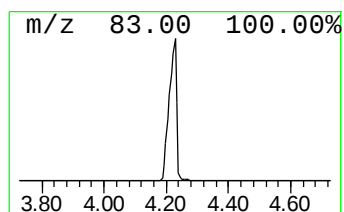
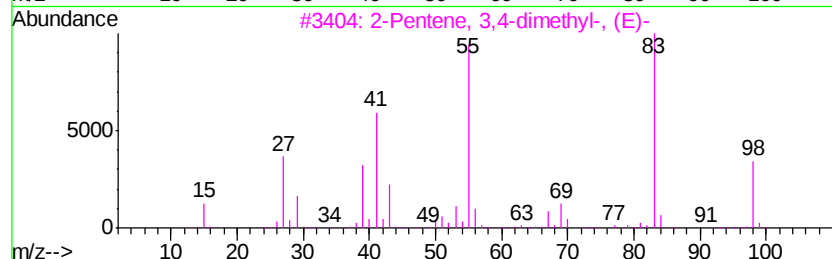
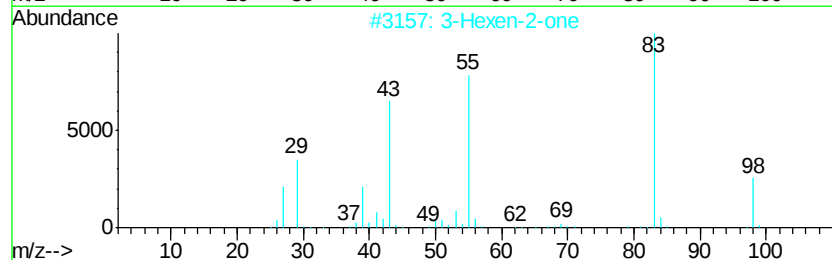
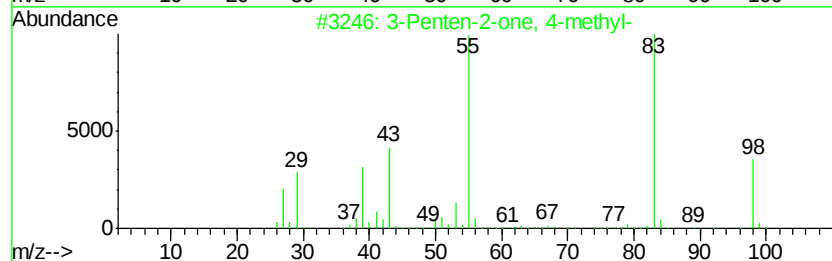
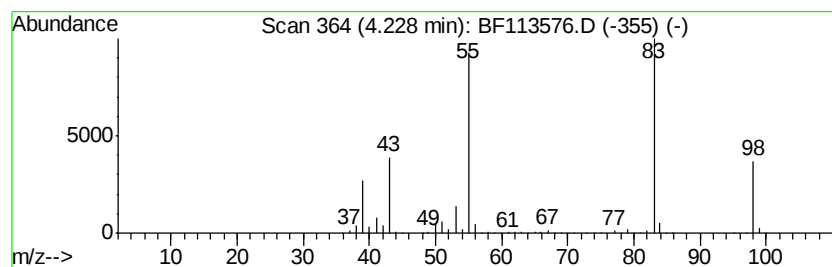
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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	145.59 ng	5396540	1,4-Dichlorobenzene-d4	6.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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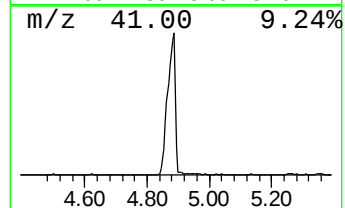
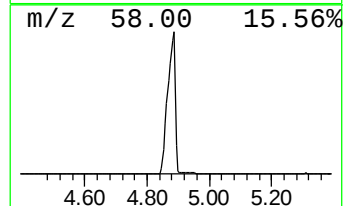
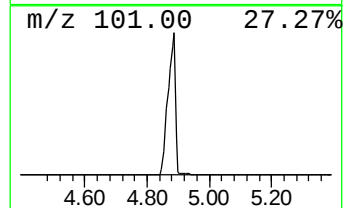
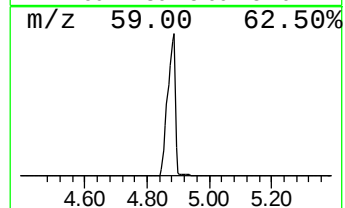
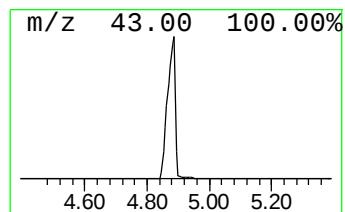
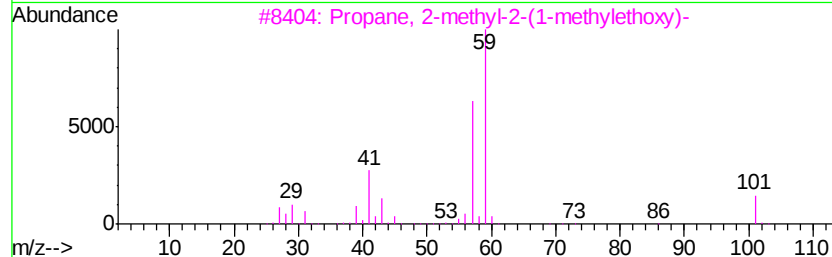
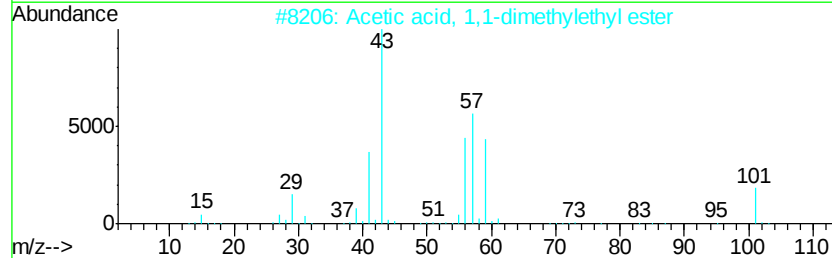
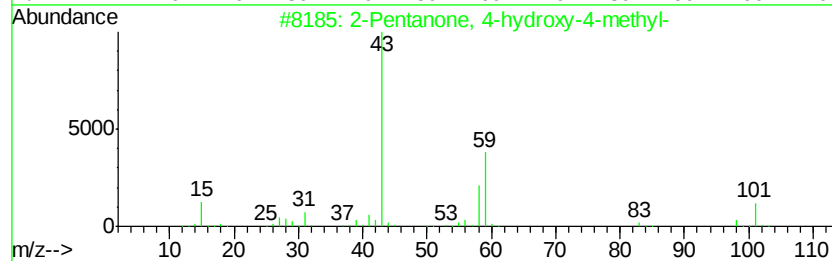
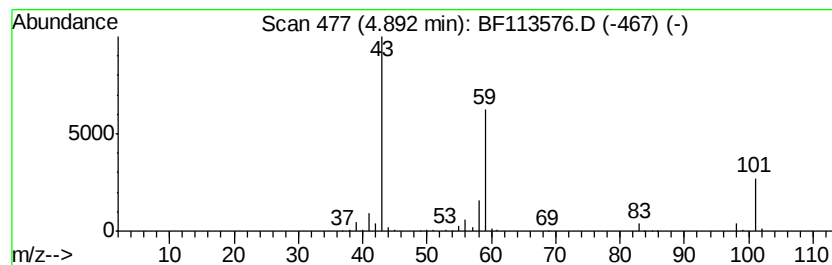
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	99.35 ng	3682630	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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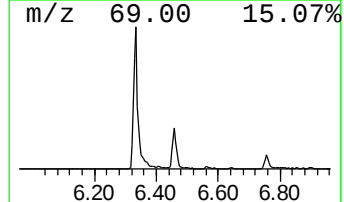
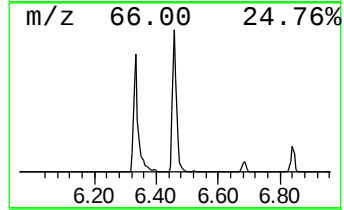
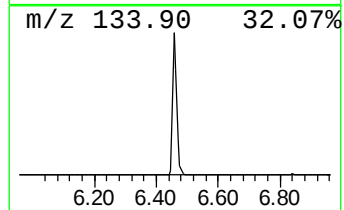
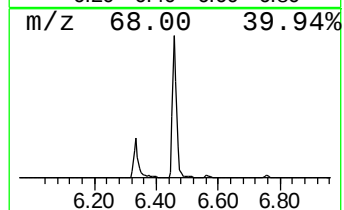
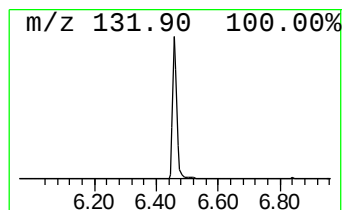
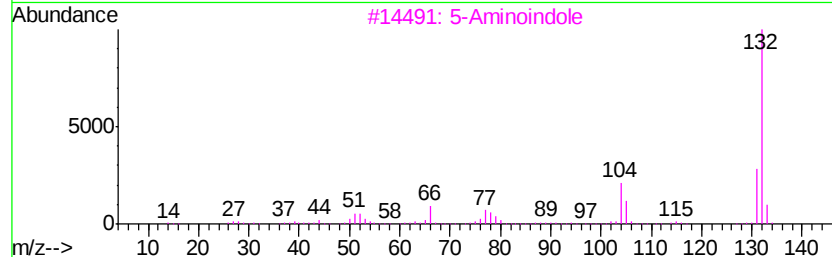
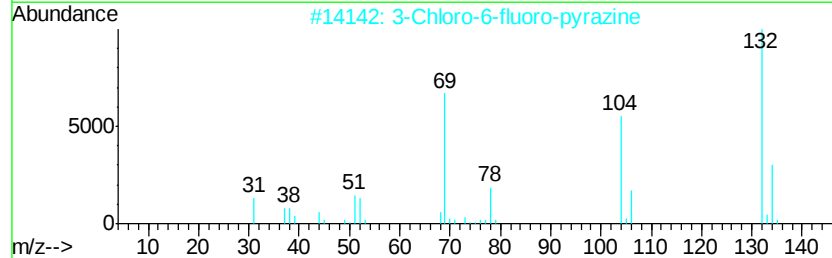
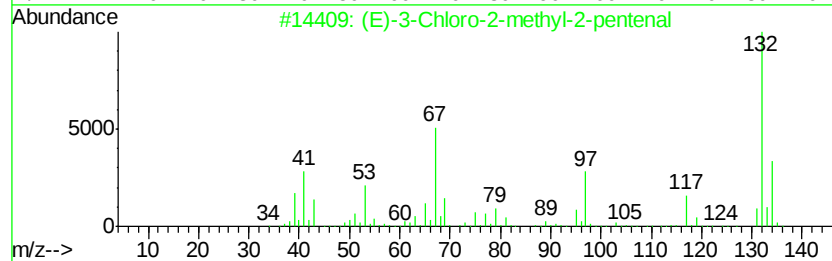
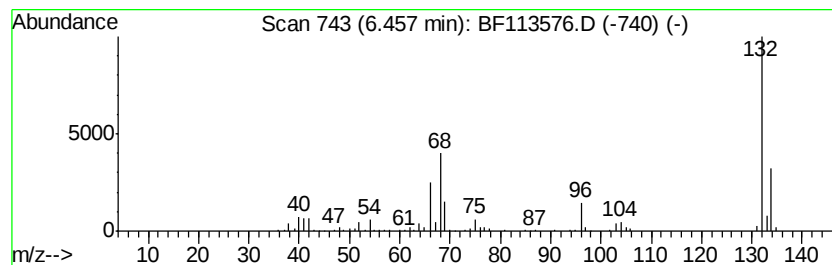
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Peak Number 4 unknown6.46 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	8.89 ng	329551	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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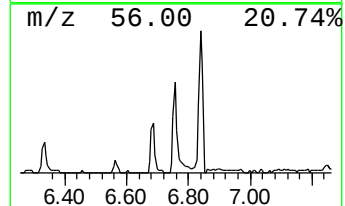
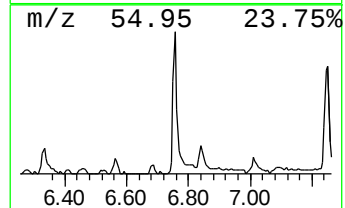
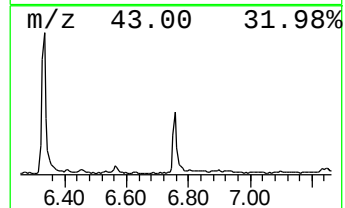
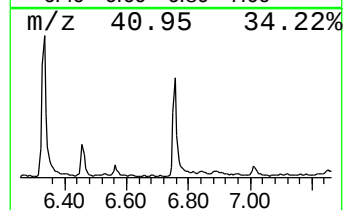
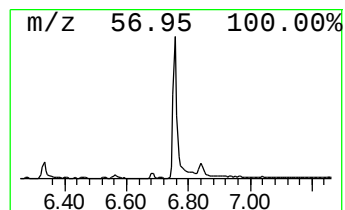
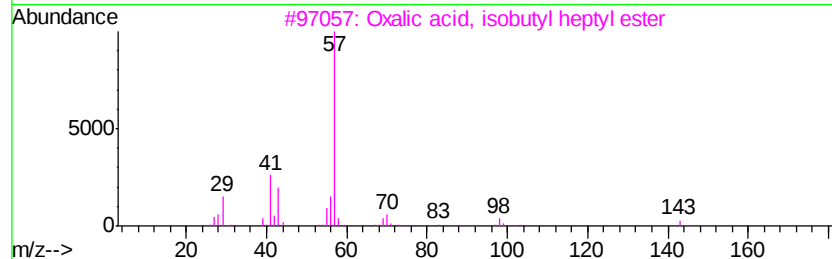
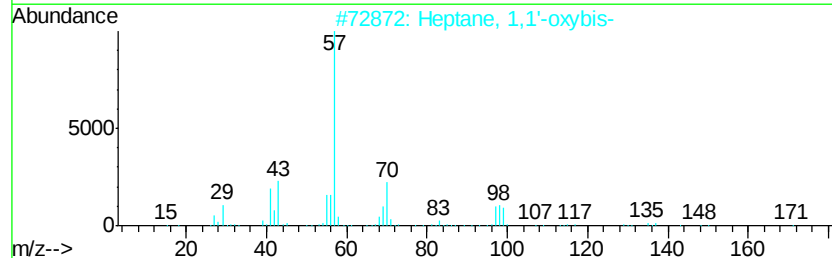
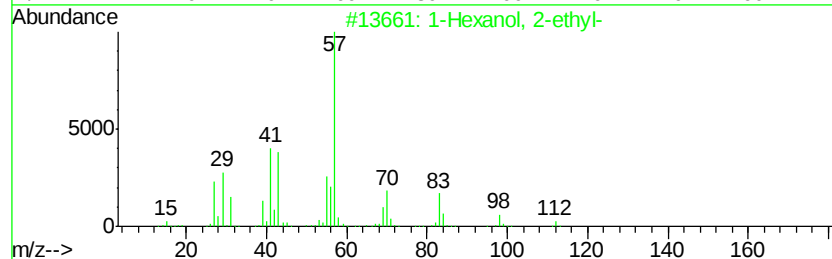
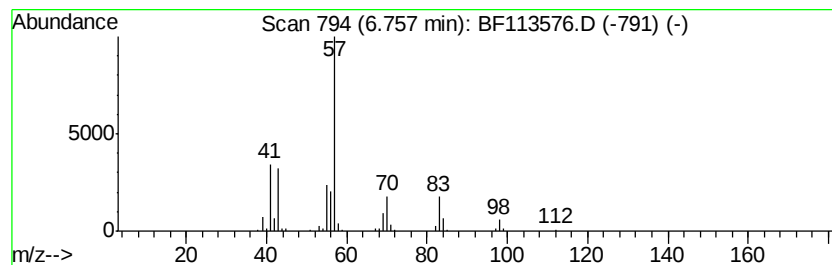
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	4.80 ng	178044	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	53
4		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
5		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
Acq On : 4 Apr 2019 7:44
Operator : JU/SJ
Sample : K2232-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICH-REC-ROAD-STONE-12

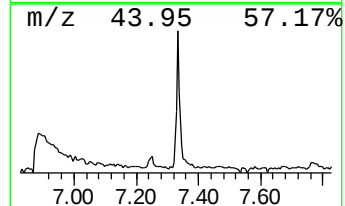
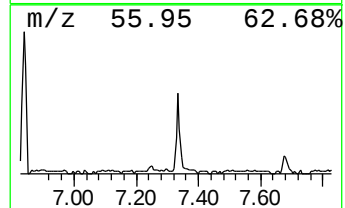
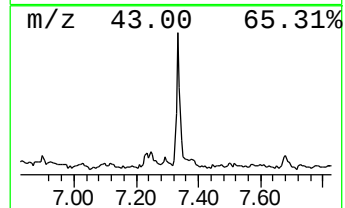
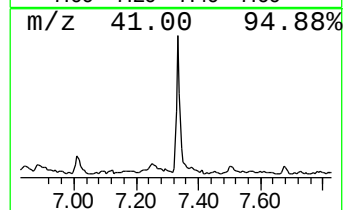
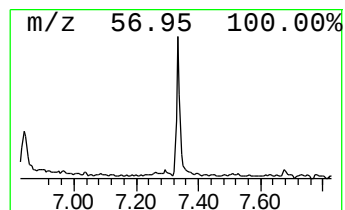
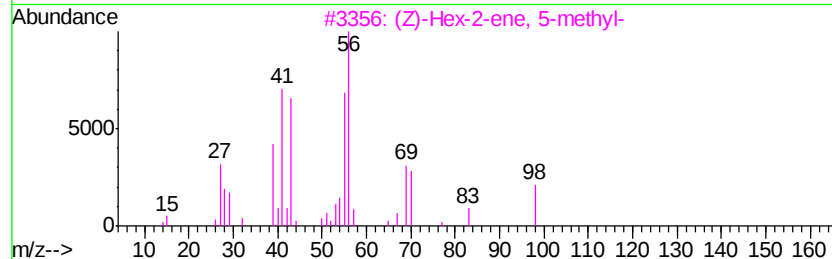
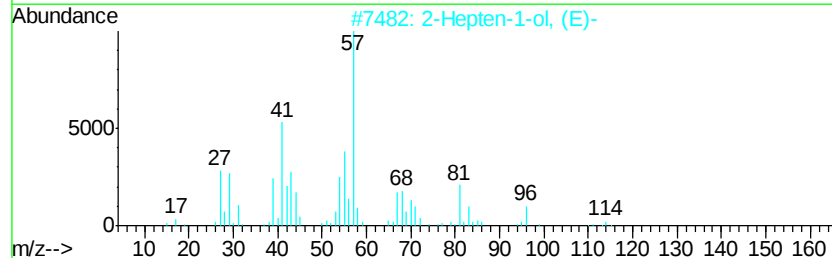
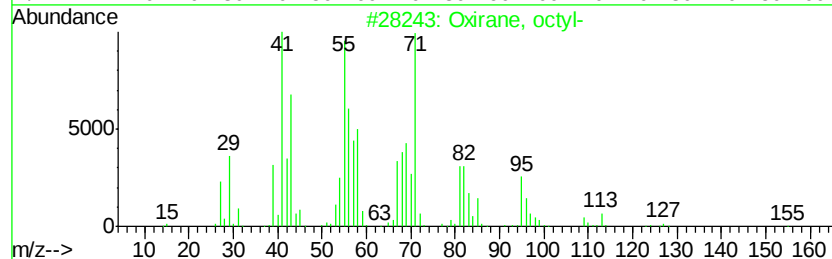
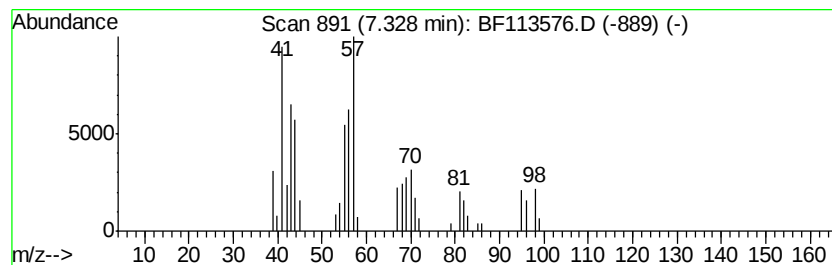
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.82 ng	124776	Naphthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, octyl-	156	C10H20O	002404-44-6	43
2		2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	38
3		(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	27
4		6-Hepten-1-ol, 3-methyl-	128	C8H16O	004048-32-2	27
5		(Z)-2-Heptene	98	C7H14	006443-92-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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Sample : K2232-01
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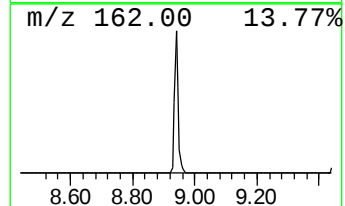
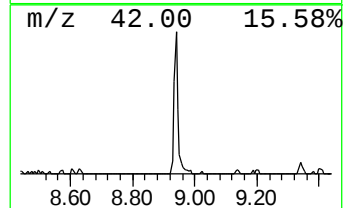
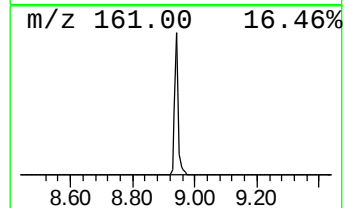
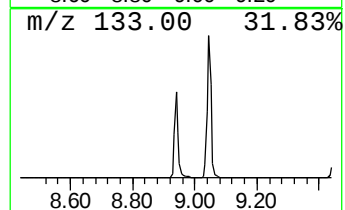
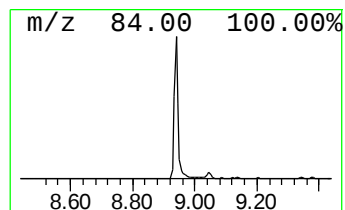
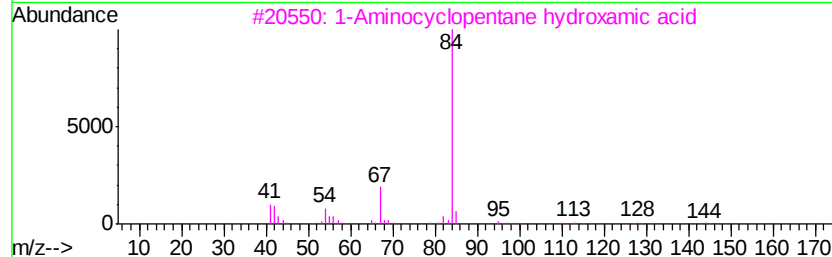
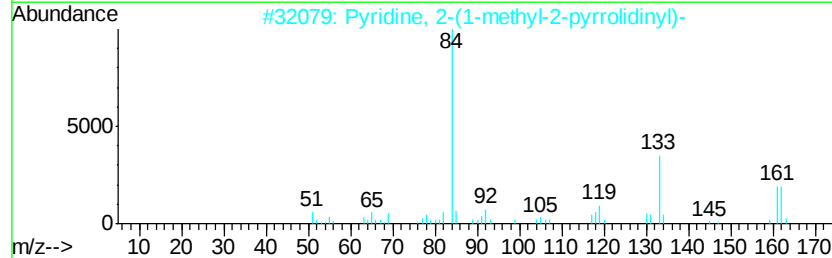
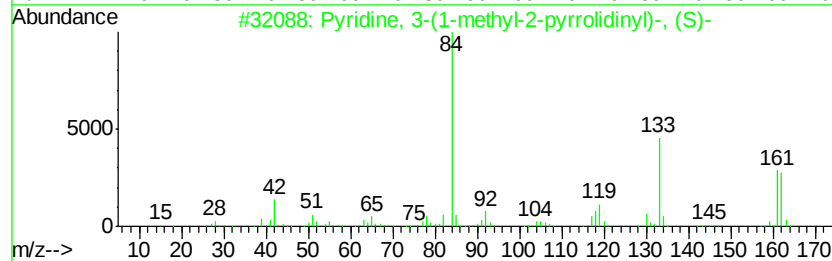
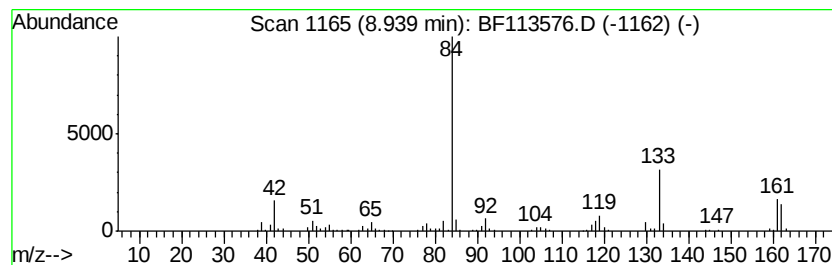
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyridine, 3-(1-methyl-2-pyr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.94	5.46 ng	238487	Acenaphthene-d10	9.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	97
2		Pyridine, 2-(1-methyl-2-pyrrolid...	162	C10H14N2	023950-04-1	64
3		1-Aminocyclopentane hydroxamic acid	144	C6H12N2O2	062104-33-0	38
4		Acetamide, N-(3,5-dichlorophenyl...	272	C12H14Cl2N2O	1000268-01-0	37
5		2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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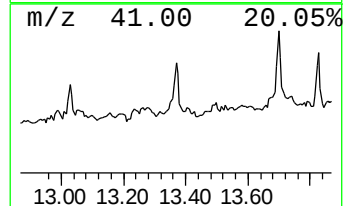
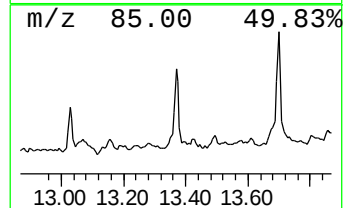
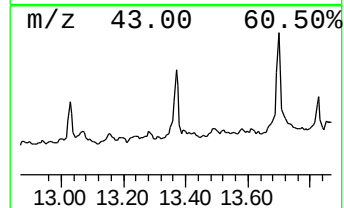
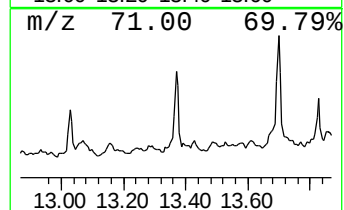
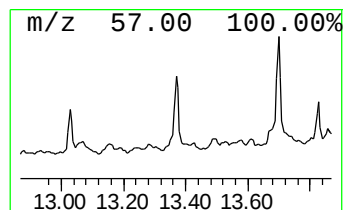
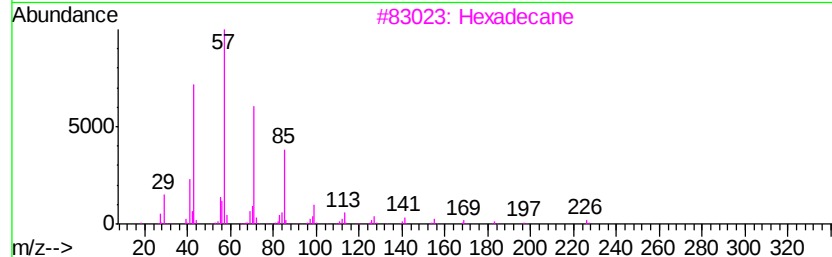
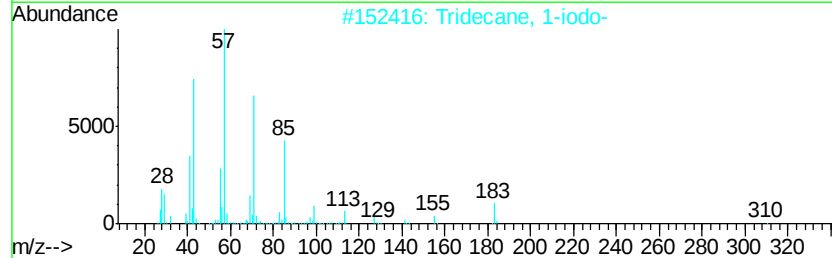
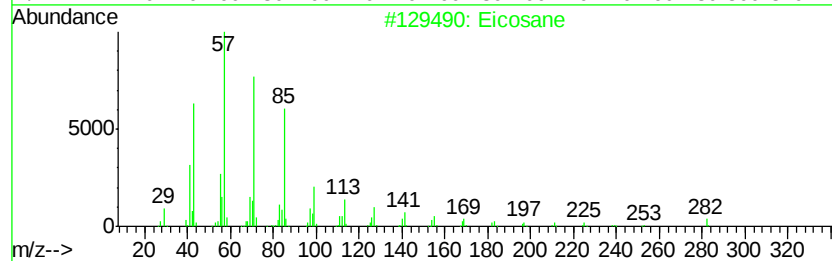
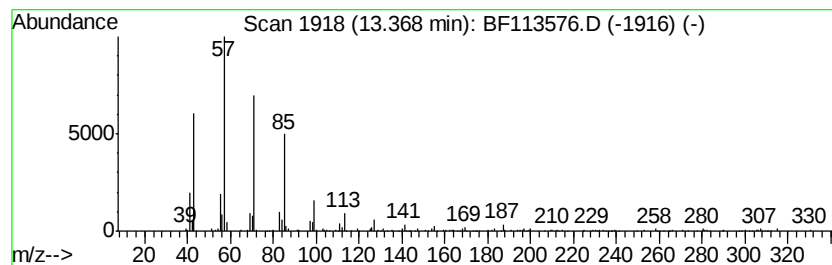
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.37	3.65 ng	196368	Chrysene-d12		13.84
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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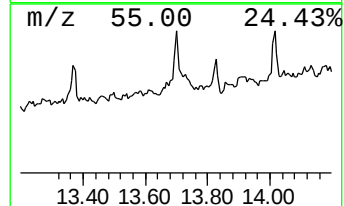
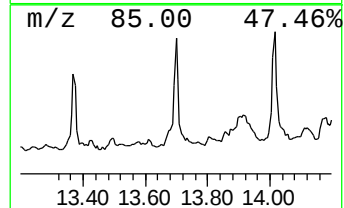
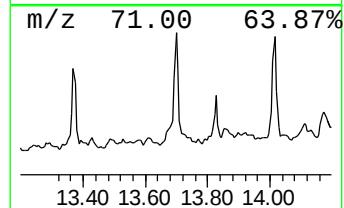
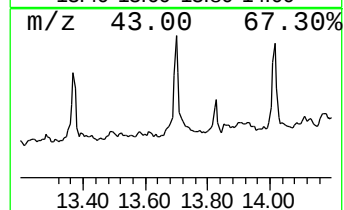
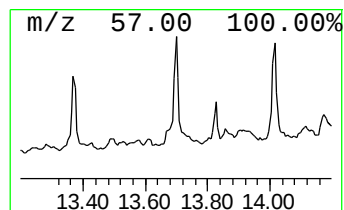
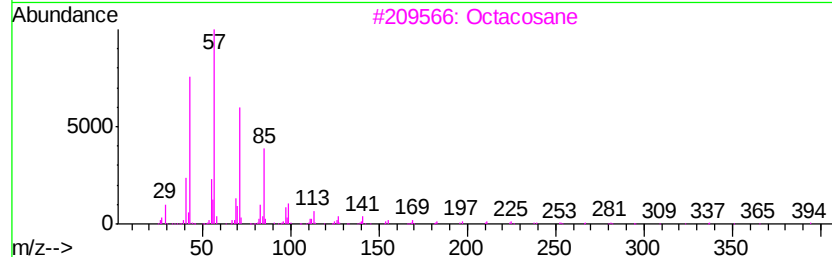
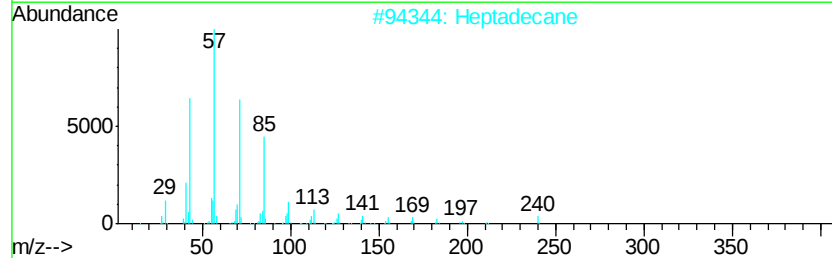
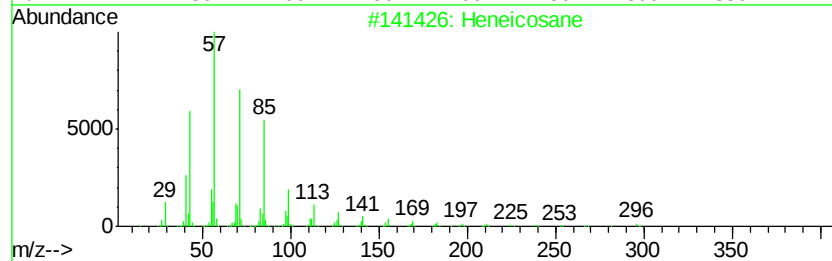
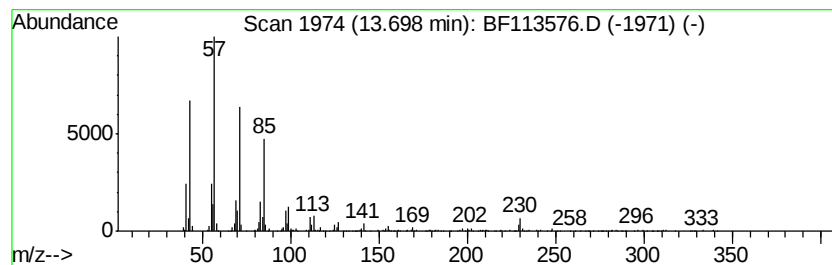
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.22 ng	281437	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane	240	C17H36	000629-78-7	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
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Operator : JU/SJ
Sample : K2232-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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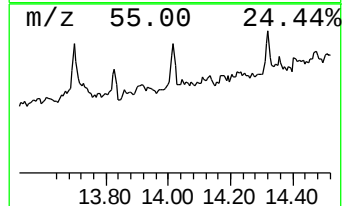
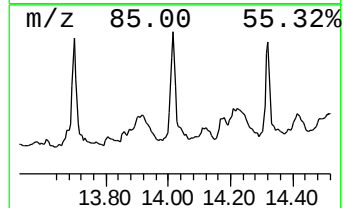
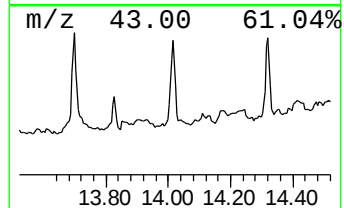
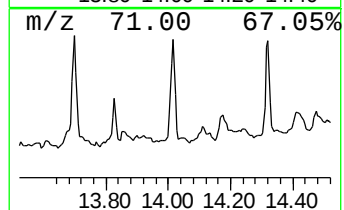
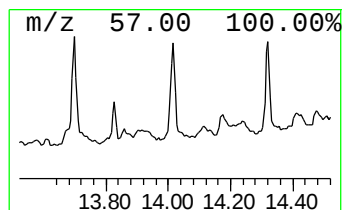
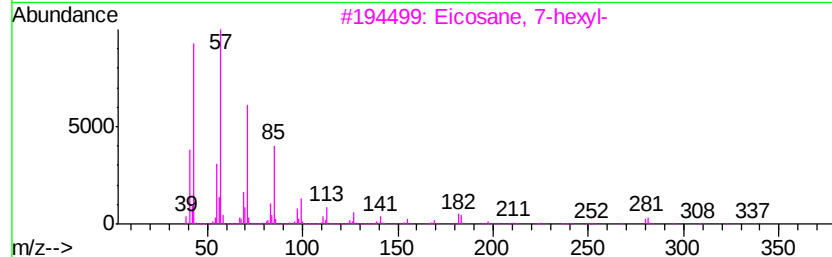
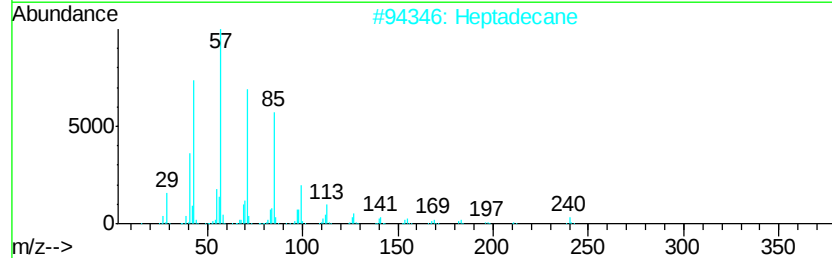
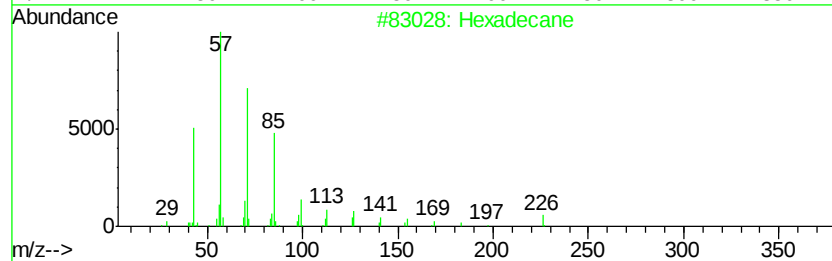
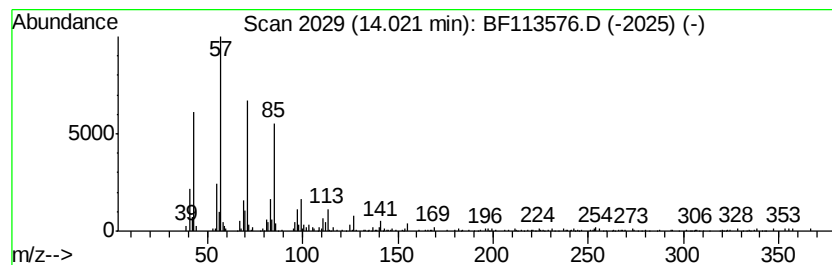
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.75 ng	255600	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heptadecane	240	C17H36	000629-78-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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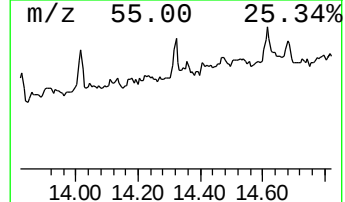
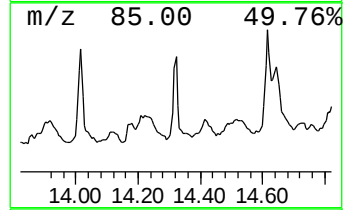
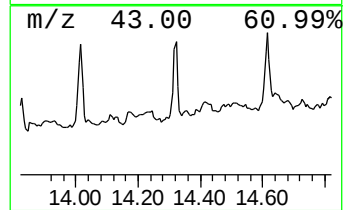
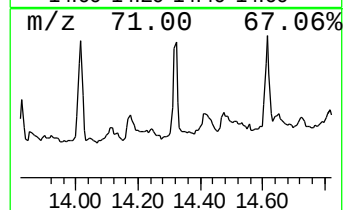
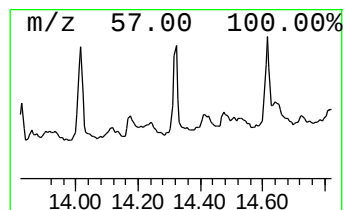
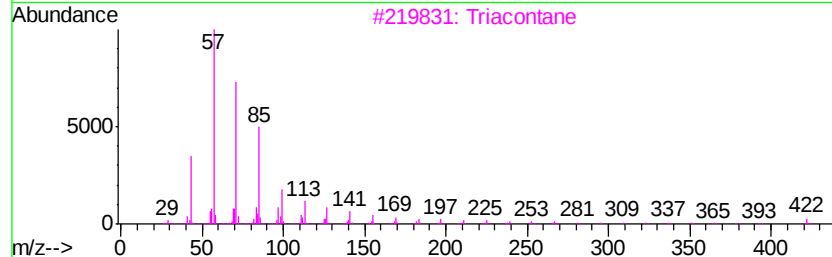
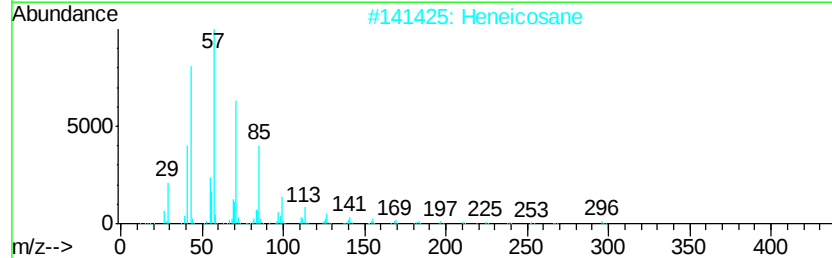
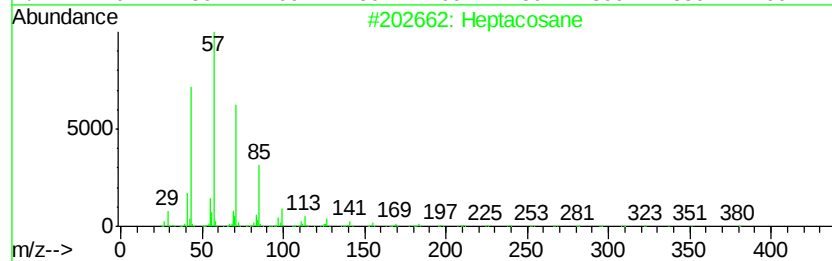
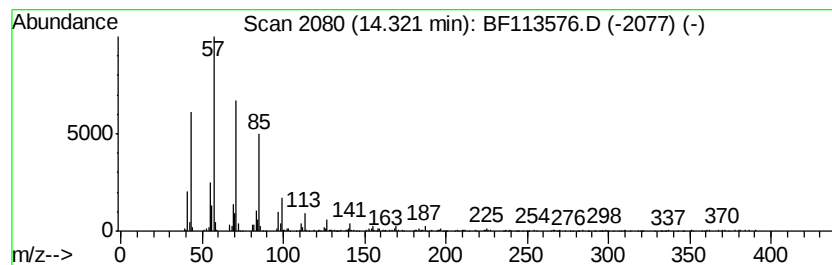
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	5.58 ng	300487	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptadecane	240	C17H36	000629-78-7	90
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
Acq On : 4 Apr 2019 7:44
Operator : JU/SJ
Sample : K2232-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

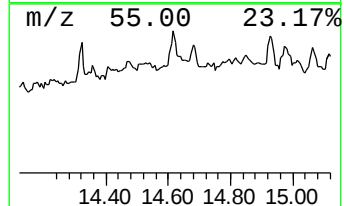
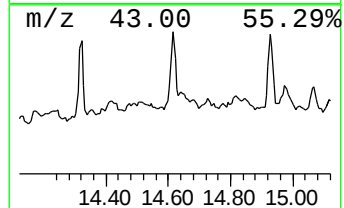
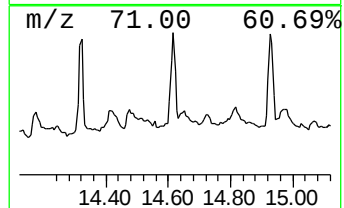
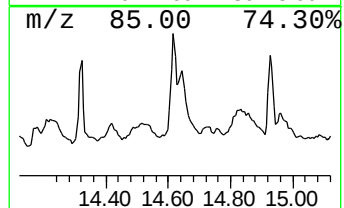
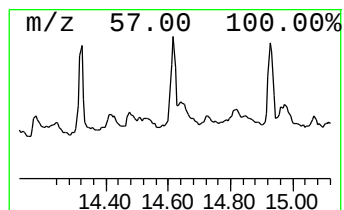
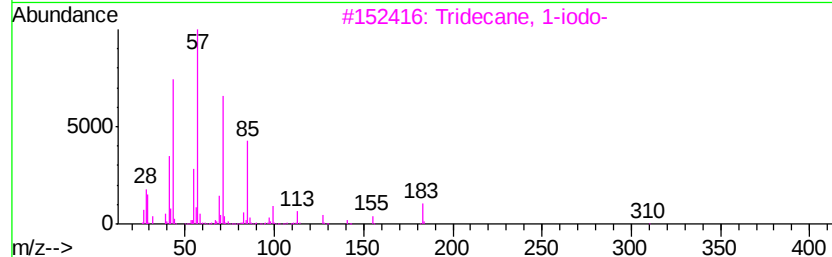
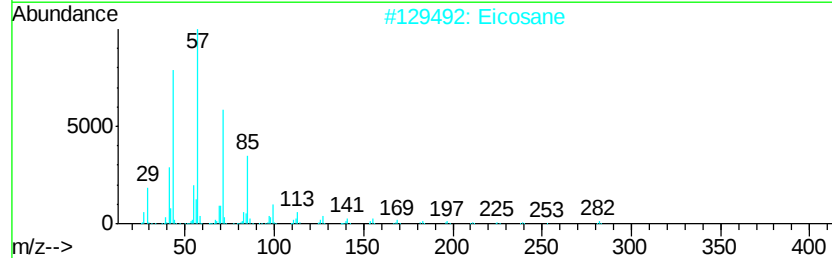
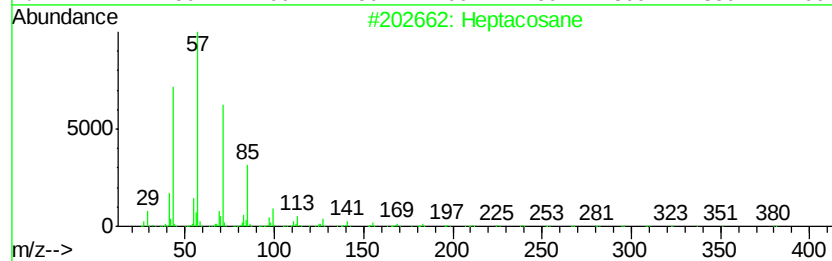
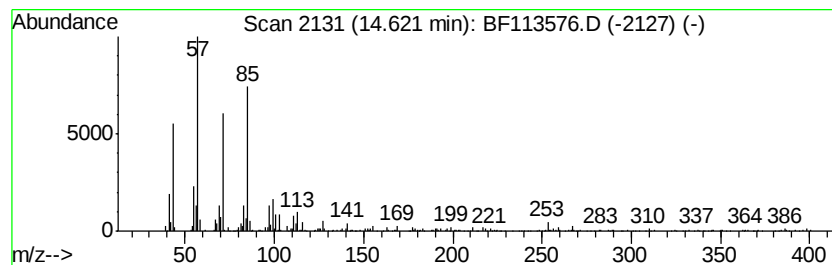
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ClientSampleId :
RICH-REC-ROAD-STONE-12

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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 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.62	8.21 ng	334499	Perylene-d12		15.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Eicosane	282	C20H42	000112-95-8	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Octacosane	394	C28H58	000630-02-4	81
5	Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
Acq On : 4 Apr 2019 7:44
Operator : JU/SJ
Sample : K2232-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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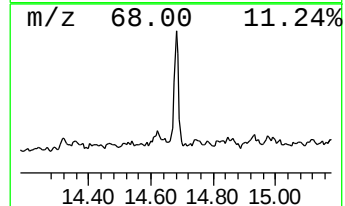
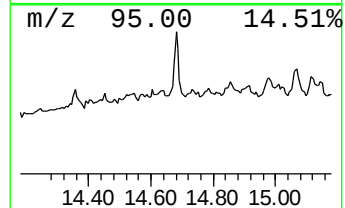
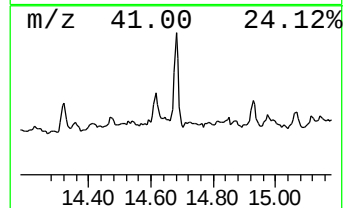
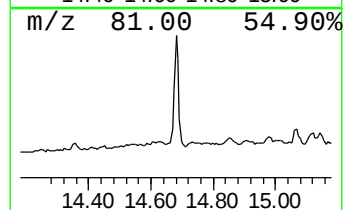
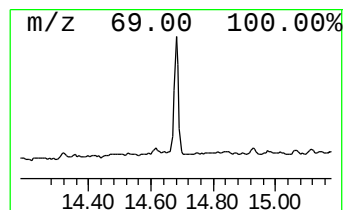
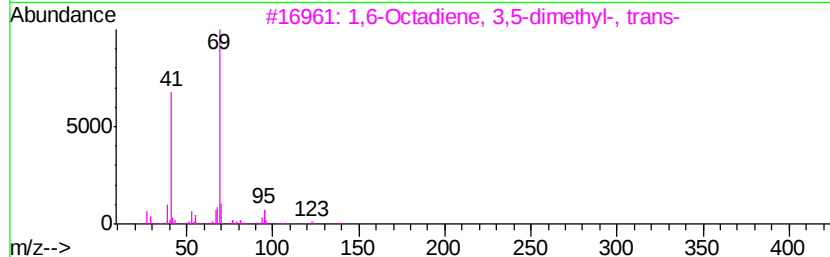
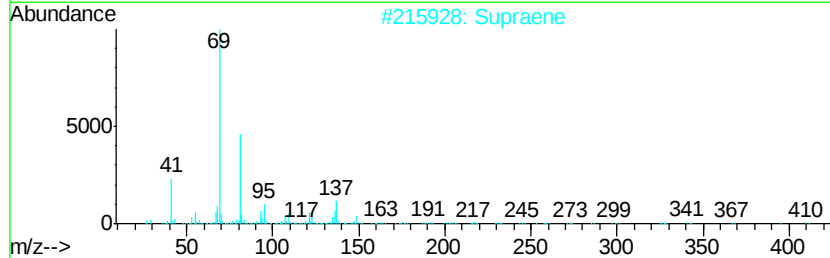
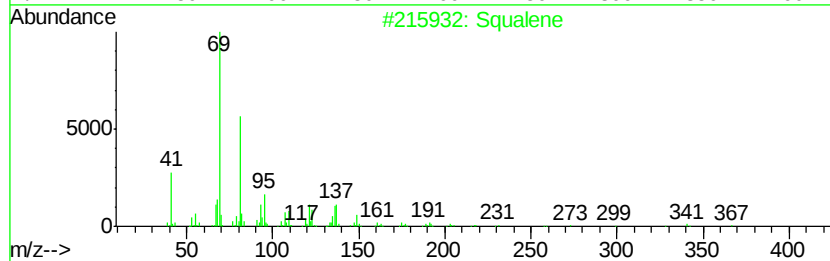
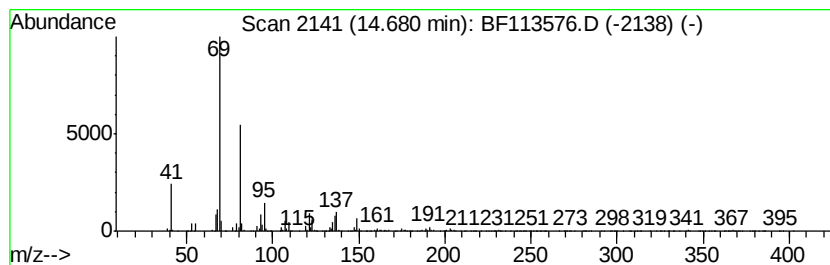
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	13.54 ng	551278	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53
4		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	53
5		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
Acq On : 4 Apr 2019 7:44
Operator : JU/SJ
Sample : K2232-01
Misc :
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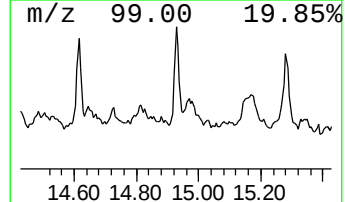
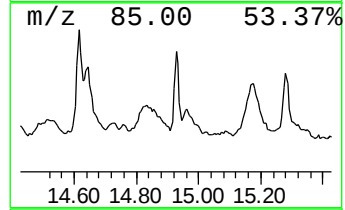
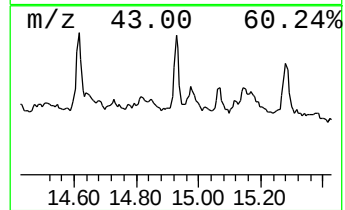
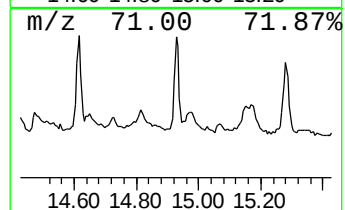
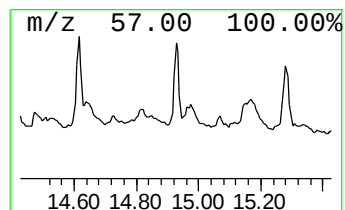
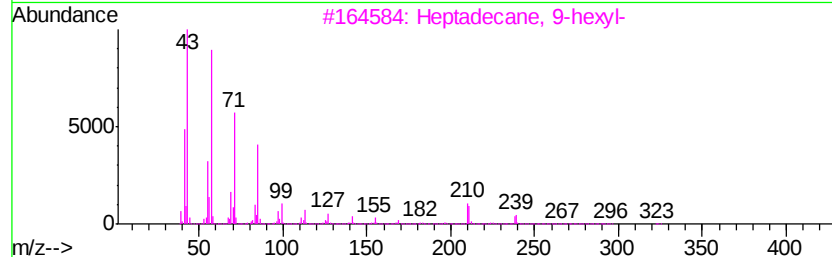
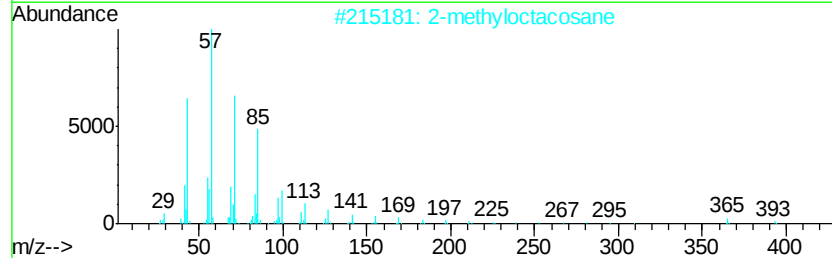
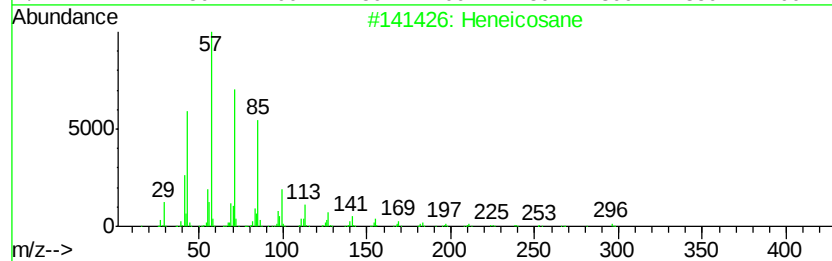
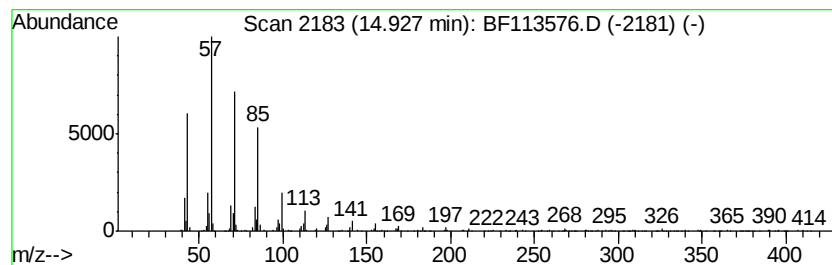
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 9-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.93	6.44 ng	262214	Perylene-d12		15.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
Acq On : 4 Apr 2019 7:44
Operator : JU/SJ
Sample : K2232-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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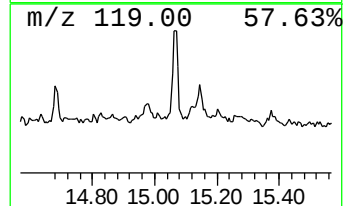
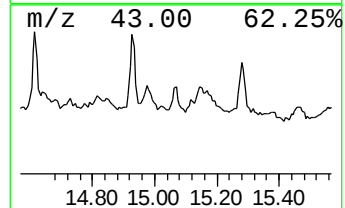
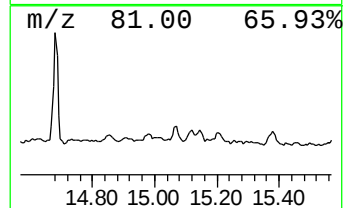
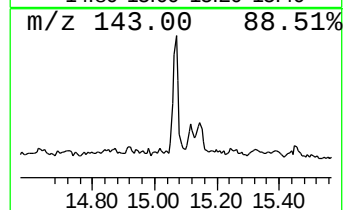
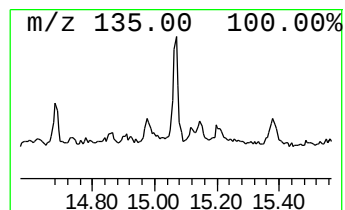
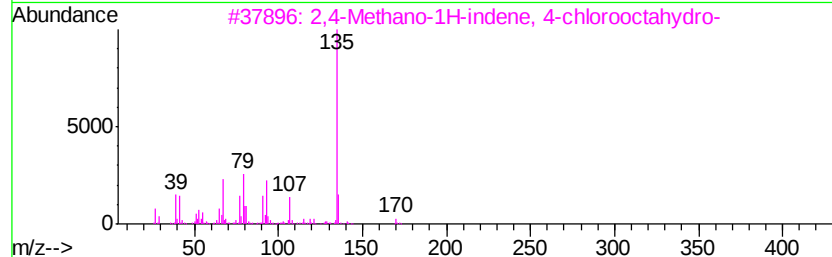
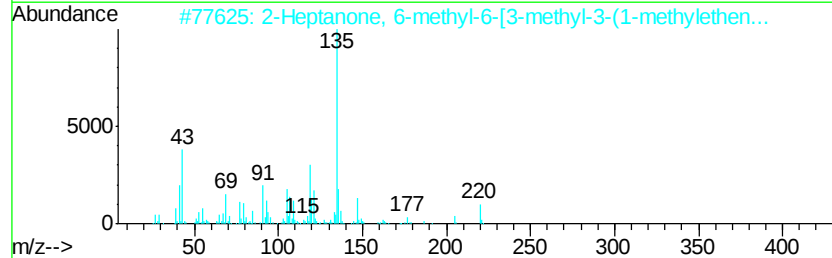
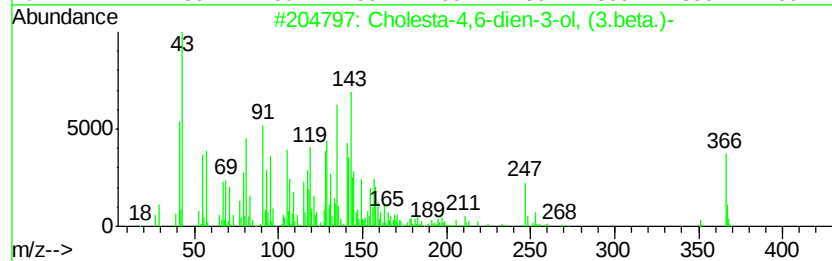
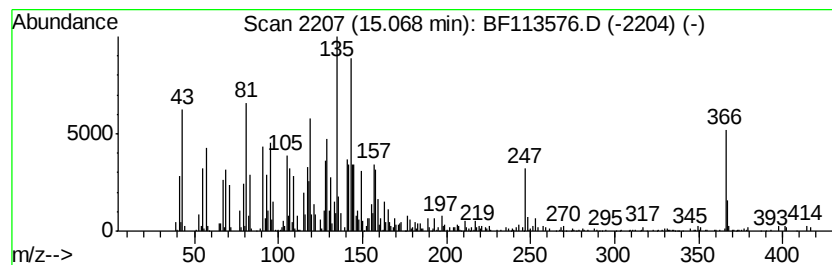
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cholesta-4,6-dien-3-ol, (3.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	9.61 ng	391405	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesta-4,6-dien-3-ol, (3.beta.)-	384	C27H44O	014214-69-8	74
2		2-Heptanone, 6-methyl-6-[3-methy...	220	C15H24O	069296-87-3	35
3		2,4-Methano-1H-indene, 4-chloroo...	170	C10H15Cl	098640-25-6	15
4		5-(4-Ethoxy-benzyl)-1-(4-ethyl-p...	366	C21H22N2O4	1000294-59-9	14
5		m-Aminobenzamidine	135	C7H9N3	003459-66-3	14



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Data File : BF113576.D
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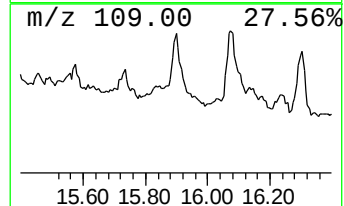
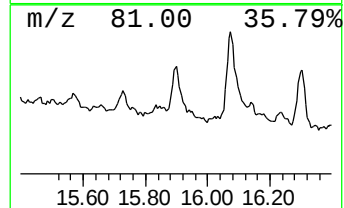
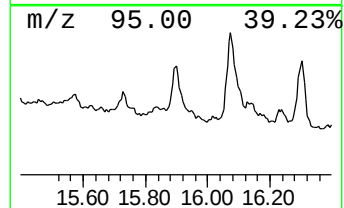
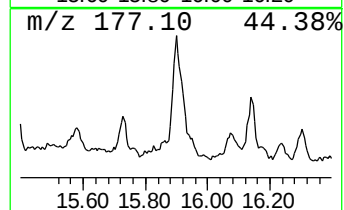
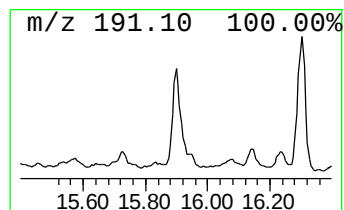
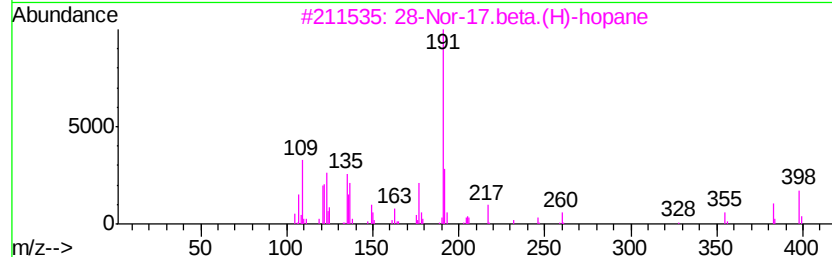
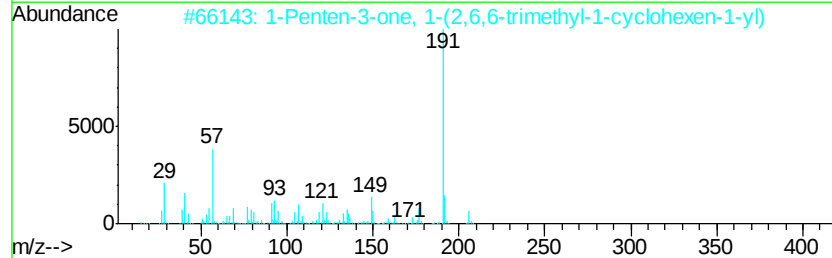
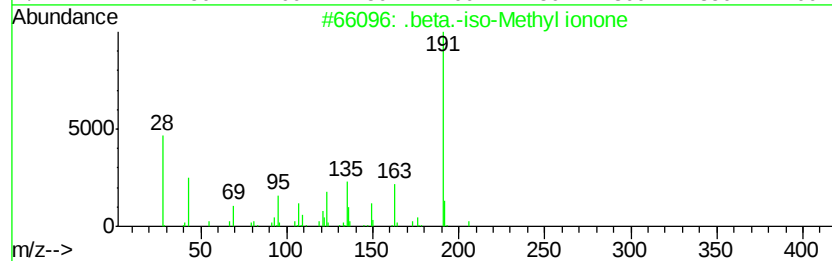
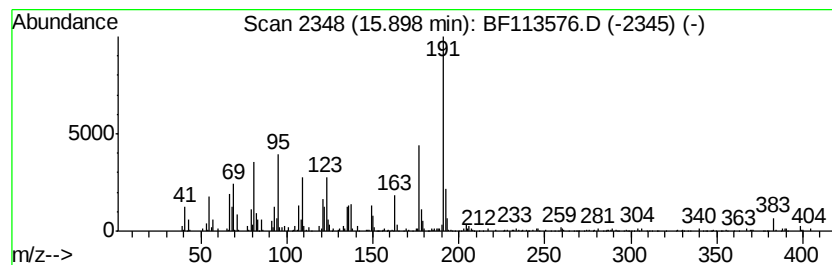
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	19.65 ng	800271	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
3		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38
4		3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	35
5		4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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Operator : JU/SJ
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ClientSampleId :
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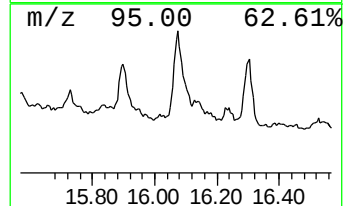
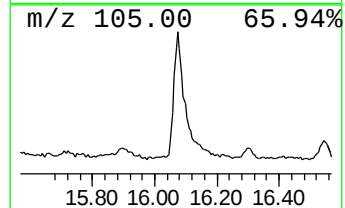
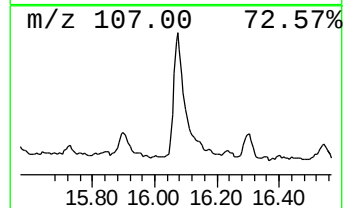
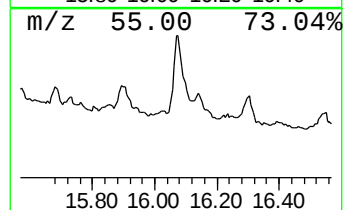
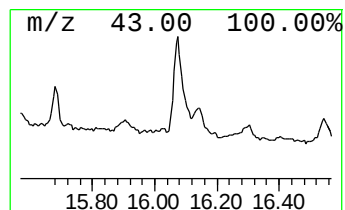
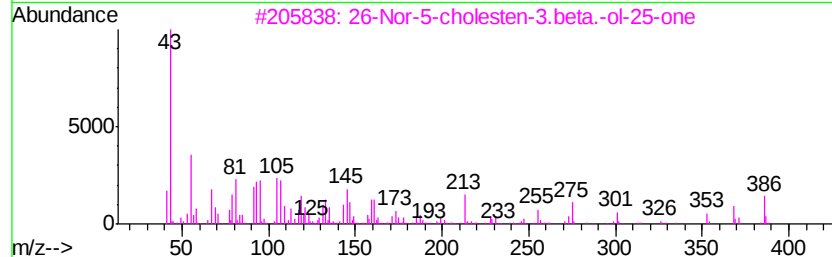
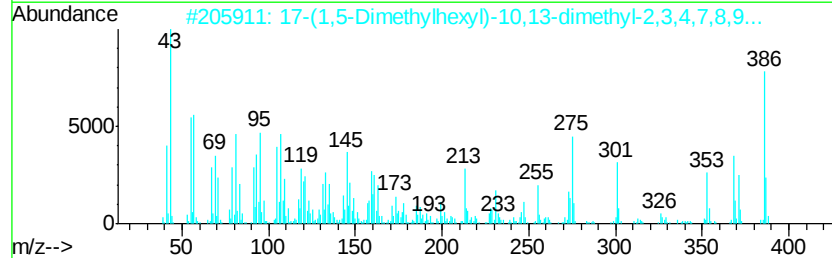
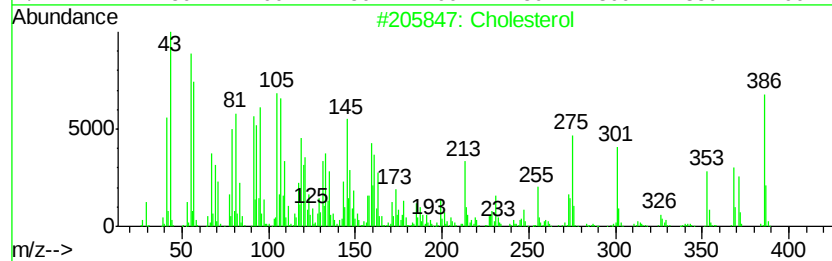
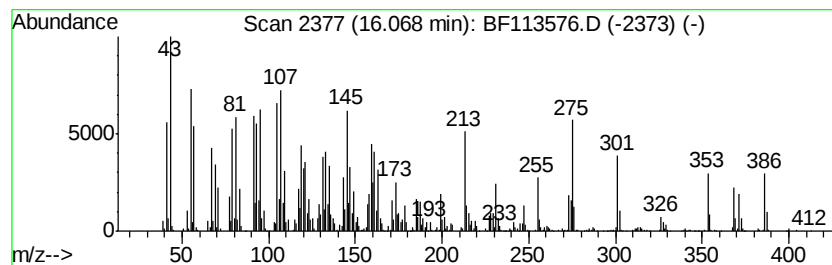
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cholesterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	63.27 ng	2576580	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
4		Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	53
5		Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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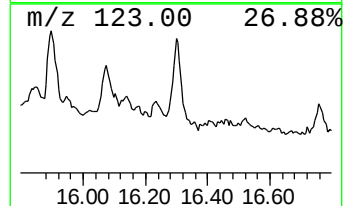
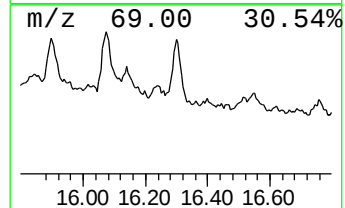
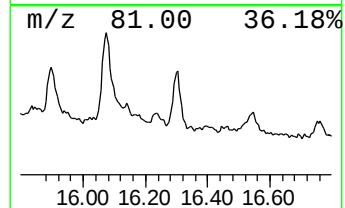
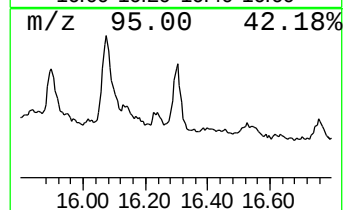
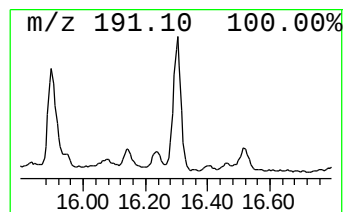
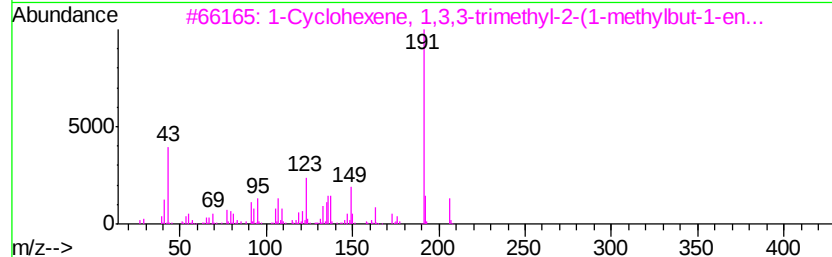
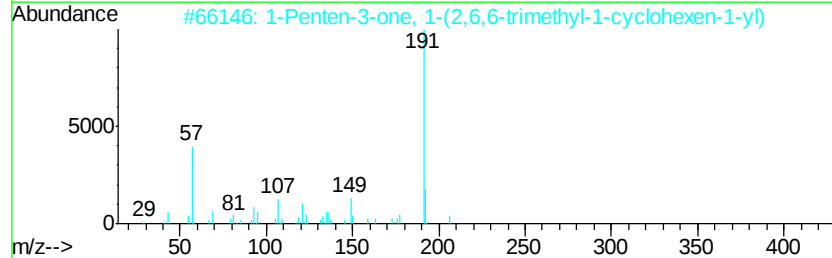
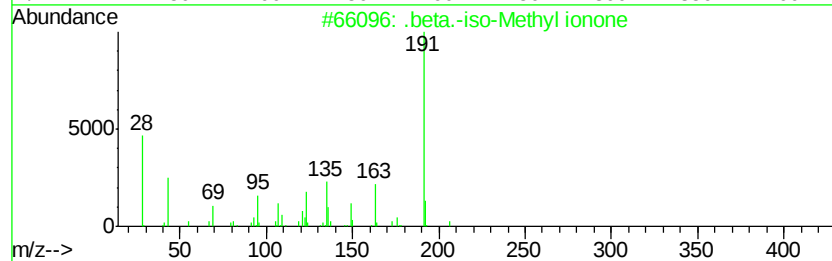
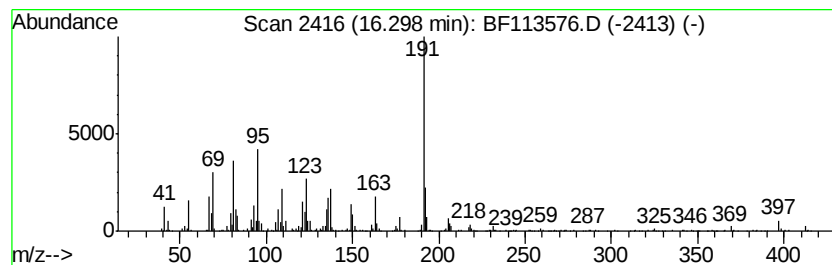
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	14.81 ng	602945	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	59
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4		Acetamide, N-[3-[(2,5-dioxo-1-p...	303	C16H21N3O3	027550-64-7	35
5		Phenol, 2-(1,1-dimethylethyl)-4-...	262	C18H30O	005806-73-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113576.D
Acq On : 4 Apr 2019 7:44
Operator : JU/SJ
Sample : K2232-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-12

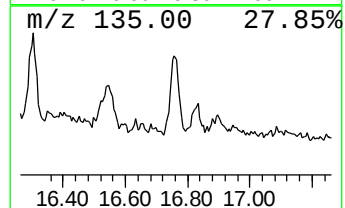
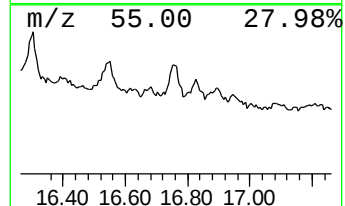
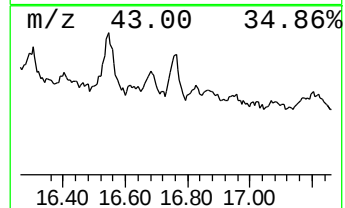
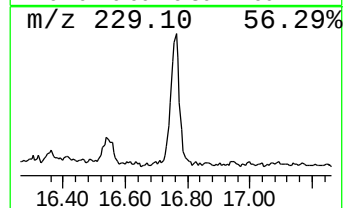
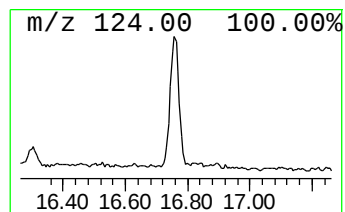
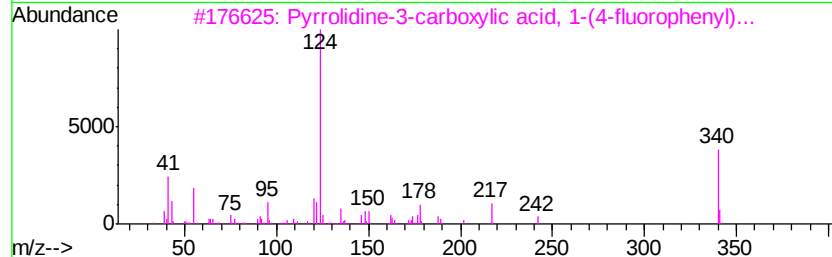
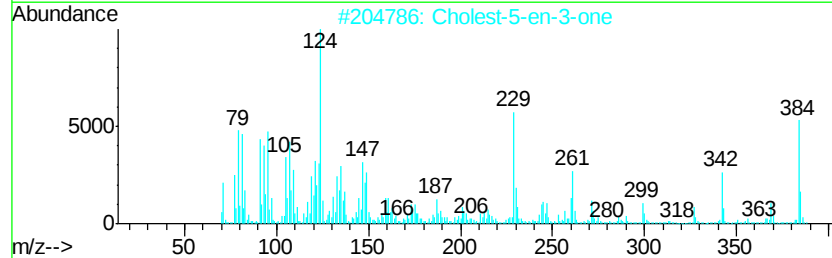
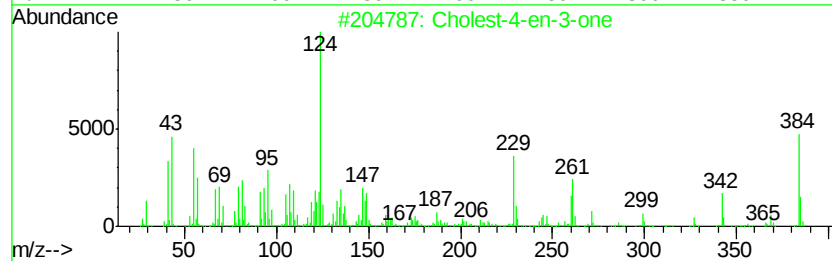
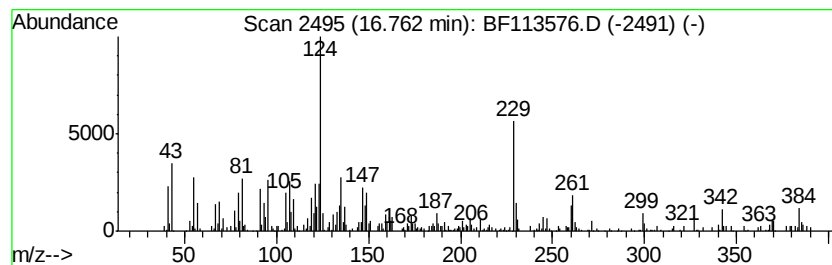
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cholest-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	10.03 ng	408451	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-4-en-3-one	384	C27H44O	000601-57-0	94
2		Cholest-5-en-3-one	384	C27H44O	000601-54-7	62
3		Pyrrolidine-3-carboxylic acid, 1...	340	C19H17FN2O3	1000302-07-7	38
4		Aspidospermidine, 1-acetyl-16,17...	384	C23H32N2O3	000639-26-9	27
5		6-(3-Methylbutyl)-2-pyrazinylmet...	180	C10H16N2O	1000108-63-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113576.D
 Acq On : 4 Apr 2019 7:44
 Operator : JU/SJ
 Sample : K2232-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
4-Penten-2-one, 4...	3.21	3.7	ng	135788	1	6.69	741321	20.0
3-Penten-2-one, 4...	4.23	145.6	ng	5396540	1	6.69	741321	20.0
2-Pentanone, 4-hy...	4.89	99.3	ng	3682630	1	6.69	741321	20.0
unknown6.46	6.46	8.9	ng	329551	1	6.69	741321	20.0
1-Hexanol, 2-ethyl-	6.76	4.8	ng	178044	1	6.69	741321	20.0
unknown7.33	7.33	2.8	ng	124776	2	7.97	886070	20.0
Pyridine, 3-(1-me...	8.94	5.5	ng	238487	3	9.72	873867	20.0
Eicosane	13.37	3.6	ng	196368	5	13.84	1077340	20.0
Heneicosane	13.70	5.2	ng	281437	5	13.84	1077340	20.0
Hexadecane	14.02	4.8	ng	255600	5	13.84	1077340	20.0
Heptacosane	14.32	5.6	ng	300487	5	13.84	1077340	20.0
Tridecane, 1-iodo-	14.62	8.2	ng	334499	6	15.26	814414	20.0
Squalene	14.68	13.5	ng	551278	6	15.26	814414	20.0
Heptadecane, 9-he...	14.93	6.4	ng	262214	6	15.26	814414	20.0
Cholesta-4,6-dien...	15.07	9.6	ng	391405	6	15.26	814414	20.0
unknown15.90	15.90	19.6	ng	800271	6	15.26	814414	20.0
Cholesterol	16.07	63.3	ng	2576580	6	15.26	814414	20.0
.beta.-iso-Methyl...	16.30	14.8	ng	602945	6	15.26	814414	20.0
Cholest-4-en-3-one	16.76	10.0	ng	408451	6	15.26	814414	20.0