

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038307.D
 Acq On : 3 Dec 2018 19:41
 Operator : JU/SJ
 Sample : J6060-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180945-COMPOSITE-4

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_G\METHODS\8270-BG111318.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	3.749	74	78	84	rBV2	12335	22128	1.25%	0.162%
2	5.159	313	318	324	rBV	21303	36335	2.05%	0.266%
3	5.617	389	396	412	rBV	371847	662615	37.40%	4.857%
4	7.221	661	669	688	rVB	409296	802226	45.28%	5.880%
5	7.603	726	734	750	rBV	379848	698267	39.41%	5.118%
6	8.079	808	815	825	rBV	80542	146806	8.29%	1.076%
7	8.396	861	869	881	rBV	270505	516220	29.14%	3.784%
8	9.254	1006	1015	1030	rBV	247919	474134	26.76%	3.475%
9	10.899	1287	1295	1303	rBV	110928	213747	12.06%	1.567%
10	13.331	1699	1709	1718	rBV	651130	1029901	58.13%	7.549%
11	14.160	1843	1850	1857	rBV	68105	111097	6.27%	0.814%
12	14.712	1937	1944	1952	rBV2	212497	352920	19.92%	2.587%
13	16.199	2190	2197	2212	rBV2	594441	945614	53.37%	6.931%
14	17.462	2403	2412	2416	rBV	311146	485761	27.42%	3.561%
15	17.503	2416	2419	2425	rVB	63117	93055	5.25%	0.682%
16	18.320	2552	2558	2565	rBV3	80127	157693	8.90%	1.156%
17	18.384	2565	2569	2578	rVB2	33540	56747	3.20%	0.416%
18	18.525	2588	2593	2597	rBV3	22284	45638	2.58%	0.335%
19	18.561	2597	2599	2604	rVB2	15594	20749	1.17%	0.152%
20	19.242	2709	2715	2720	rBV	25153	44445	2.51%	0.326%
21	19.301	2720	2725	2729	rBV6	9185	18386	1.04%	0.135%
22	19.507	2755	2760	2768	rVB	91188	140036	7.90%	1.026%
23	19.589	2768	2774	2784	rBV5	42476	82821	4.67%	0.607%
24	19.841	2812	2817	2818	rBV3	13607	18015	1.02%	0.132%
25	19.871	2818	2822	2829	rVV	100749	155993	8.80%	1.143%
26	19.941	2829	2834	2839	rVB2	14313	20827	1.18%	0.153%
27	20.059	2848	2854	2861	rBV	1286693	1771658	100.00%	12.986%
28	20.194	2870	2877	2884	rBV4	12528	31749	1.79%	0.233%
29	20.335	2895	2901	2903	rBV6	18359	30934	1.75%	0.227%
30	20.359	2903	2905	2912	rVB	23931	29658	1.67%	0.217%
31	20.458	2918	2922	2926	rBV2	21000	26367	1.49%	0.193%
32	20.517	2926	2932	2937	rBV2	21890	34031	1.92%	0.249%
33	20.658	2949	2956	2960	rBV3	16207	27901	1.57%	0.205%
34	20.705	2960	2964	2968	rBV2	14418	21516	1.21%	0.158%

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Instrument :
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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	20.829	2979	2985	2989	rVB2	24501	32532	1.84%	0.238%
36	21.128	3032	3036	3041	rVB5	8807	19319	1.09%	0.142%
37	21.340	3063	3072	3080	rBV4	62740	118668	6.70%	0.870%
38	21.404	3080	3083	3089	rVB4	13407	21165	1.19%	0.155%
39	21.745	3132	3141	3146	rBV	360514	675029	38.10%	4.948%
40	21.792	3146	3149	3156	rVB	40350	62597	3.53%	0.459%
41	21.886	3160	3165	3172	rVB	123878	178865	10.10%	1.311%
42	22.503	3263	3270	3277	rVB	173195	317198	17.90%	2.325%
43	22.779	3311	3317	3320	rBV4	17117	26642	1.50%	0.195%
44	23.208	3381	3390	3399	rBV	237301	465320	26.26%	3.411%
45	24.031	3514	3530	3544	rBV2	247834	643626	36.33%	4.718%
46	24.747	3645	3652	3666	rVB6	23944	66499	3.75%	0.487%
47	24.894	3669	3677	3685	rVV3	24902	69243	3.91%	0.508%
48	25.000	3686	3695	3699	rVV	171356	475344	26.83%	3.484%
49	25.065	3701	3706	3716	rVV	210975	564448	31.86%	4.137%
50	25.135	3716	3718	3727	rVB4	14361	23792	1.34%	0.174%
51	26.152	3880	3891	3903	rVB2	103514	323645	18.27%	2.372%
52	27.538	4115	4127	4143	rVB3	44022	172491	9.74%	1.264%
53	29.213	4402	4412	4424	rVB8	13741	59974	3.39%	0.440%

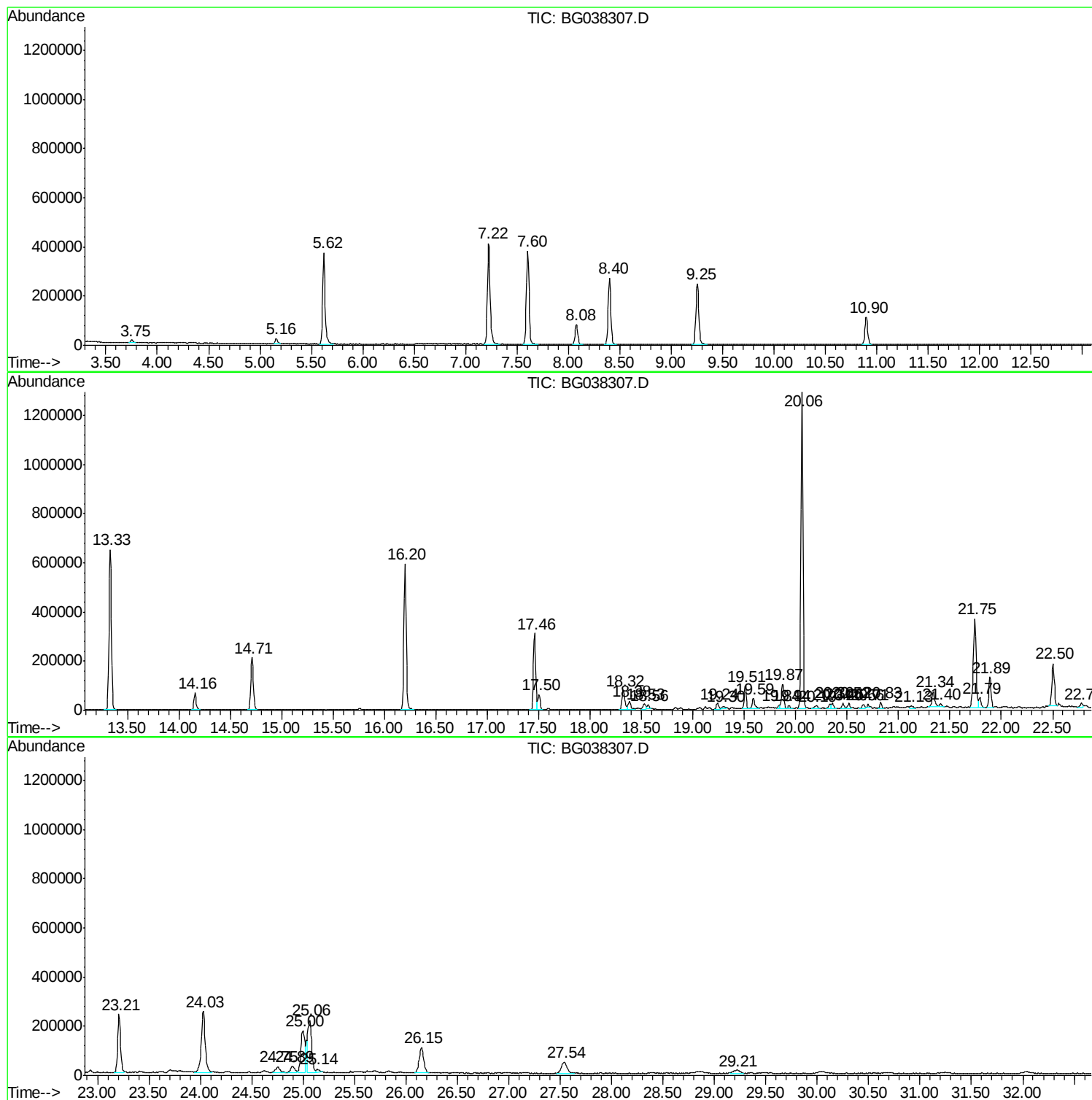
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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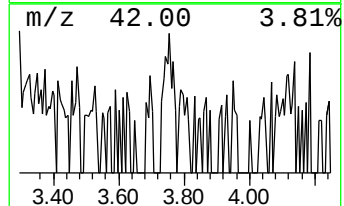
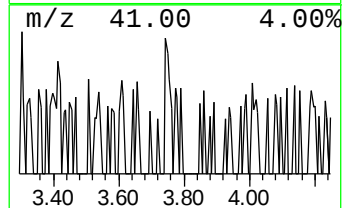
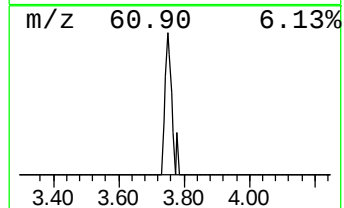
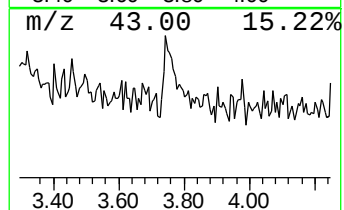
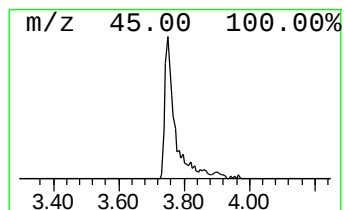
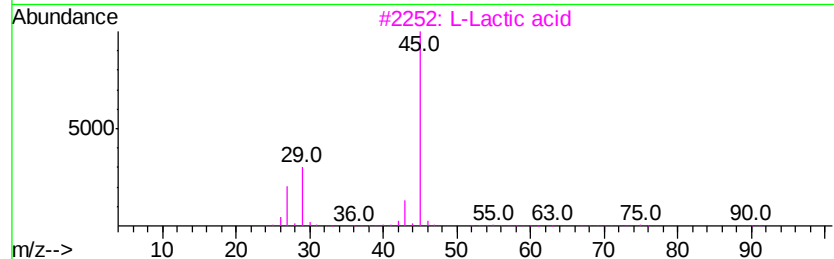
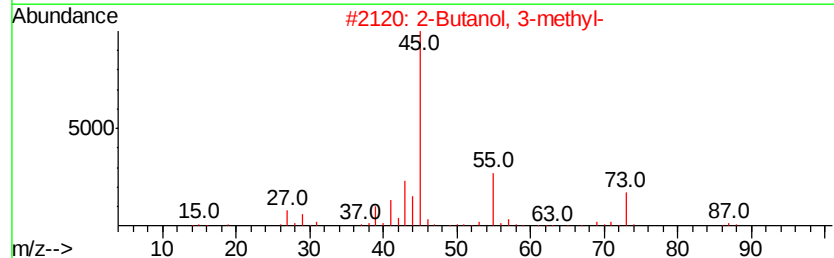
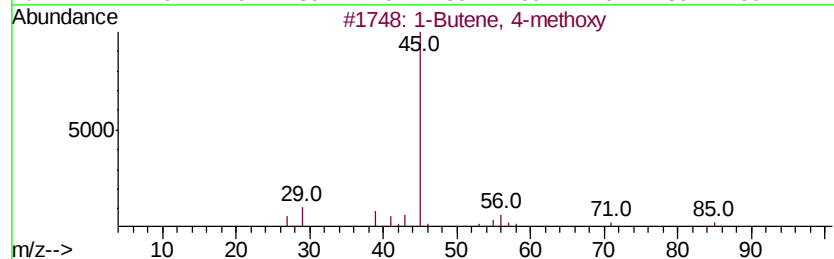
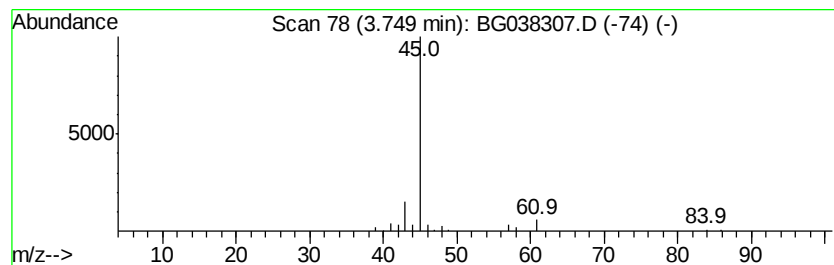
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.75 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.01 ng	22128	1,4-Dichlorobenzene-d4	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 4-methoxy	86	C5H10O	004696-30-4	9
2			2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
3			L-Lactic acid	90	C3H6O3	000079-33-4	9
4			2-Propanol, 1-chloro-	94	C3H7ClO	000127-00-4	9
5			Hexane, 1-methoxy-	116	C7H16O	004747-07-3	9



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Instrument :
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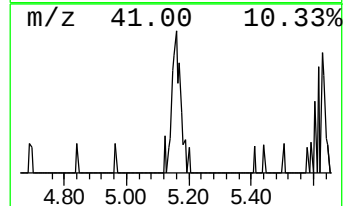
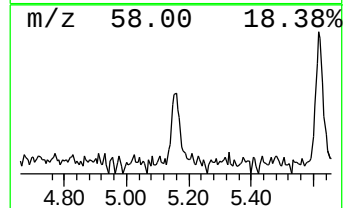
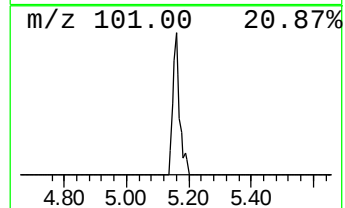
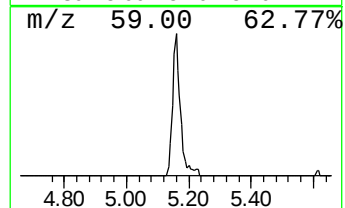
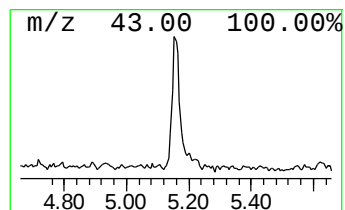
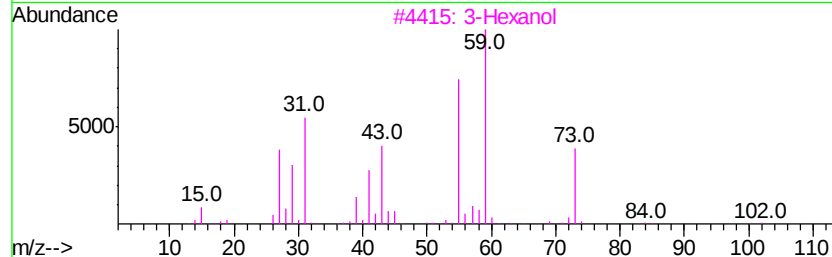
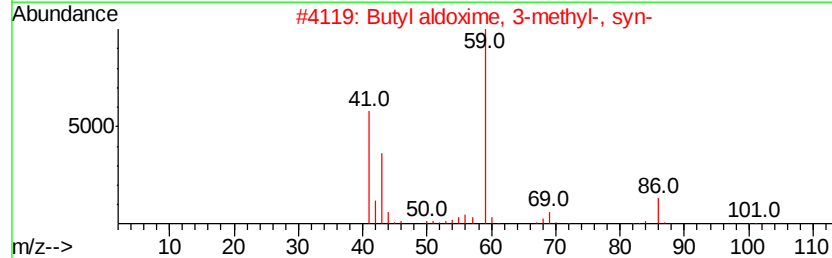
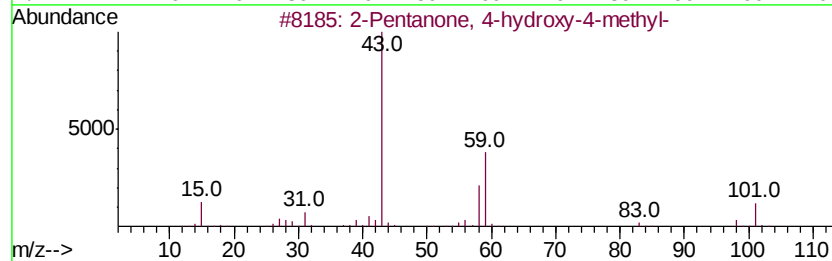
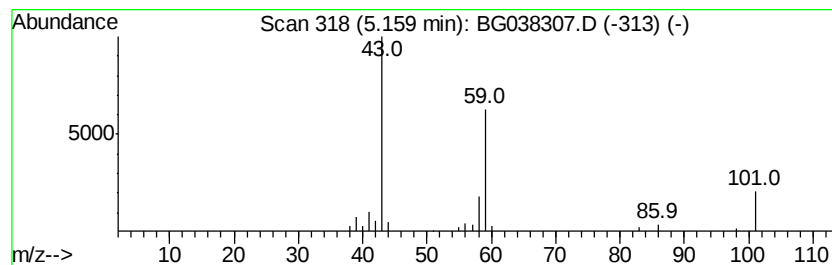
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.95 ng	36335	1,4-Dichlorobenzene-d4	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3			3-Hexanol	102	C6H14O	000623-37-0	9
4			1,2-Butanediol	90	C4H10O2	000584-03-2	9
5			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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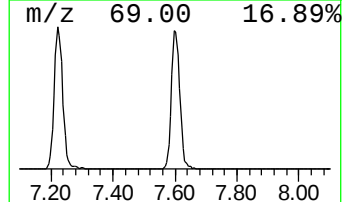
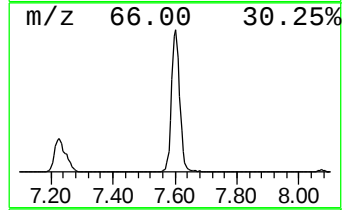
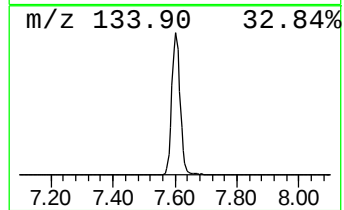
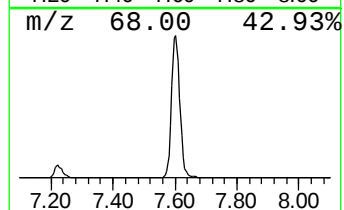
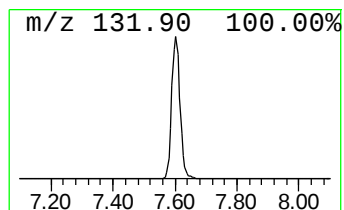
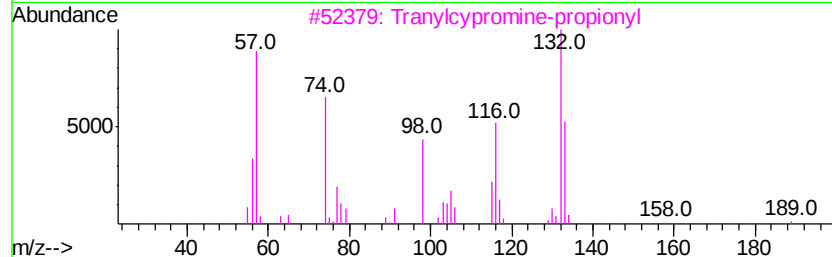
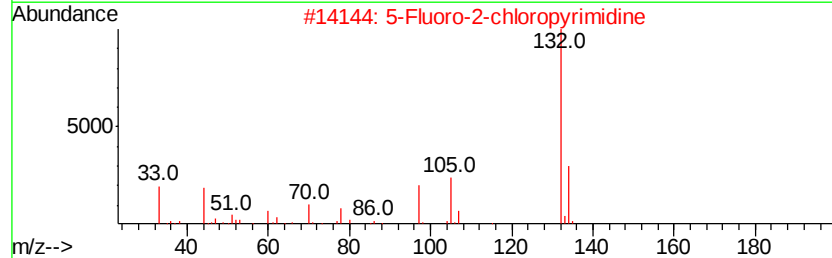
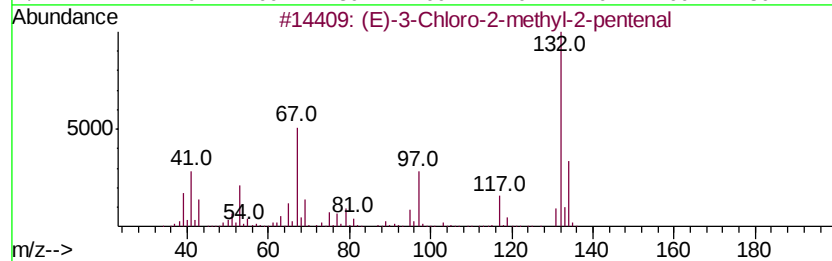
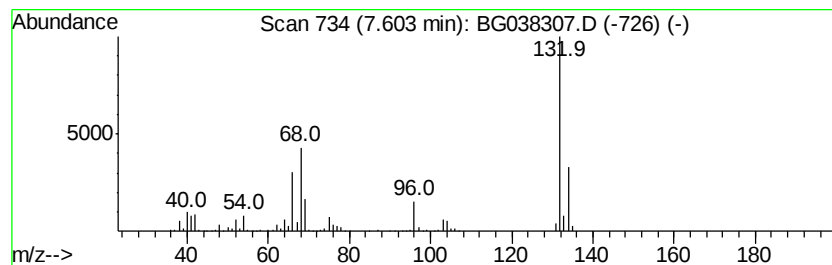
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	95.13 ng	698267	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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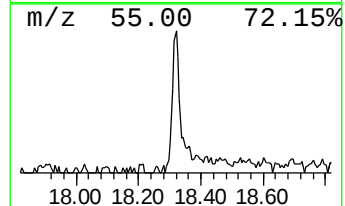
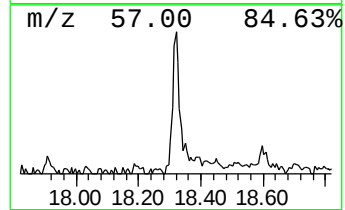
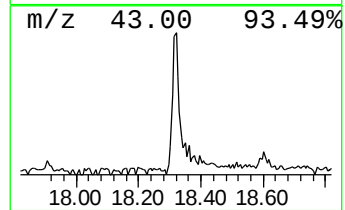
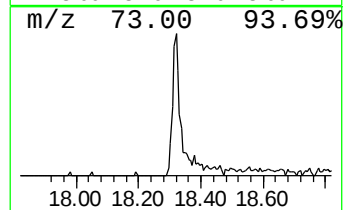
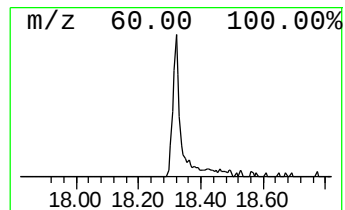
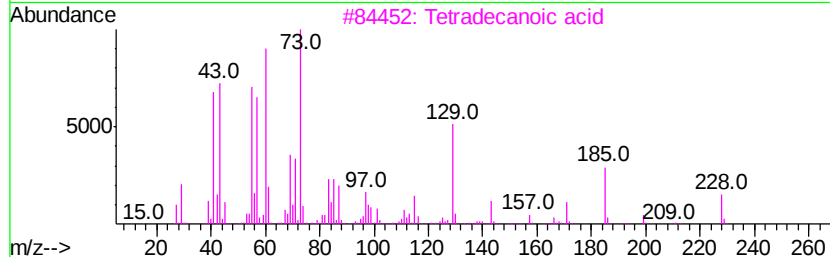
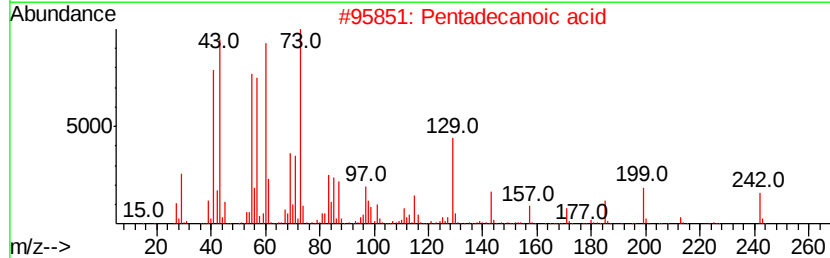
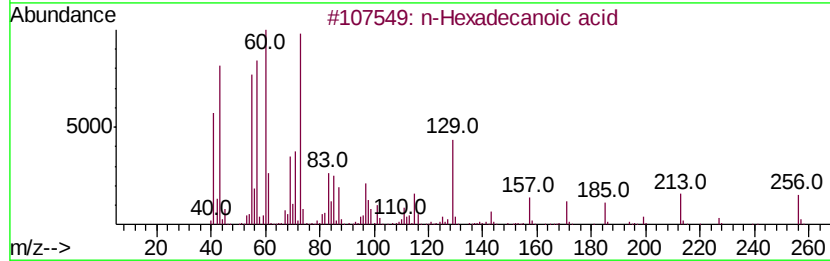
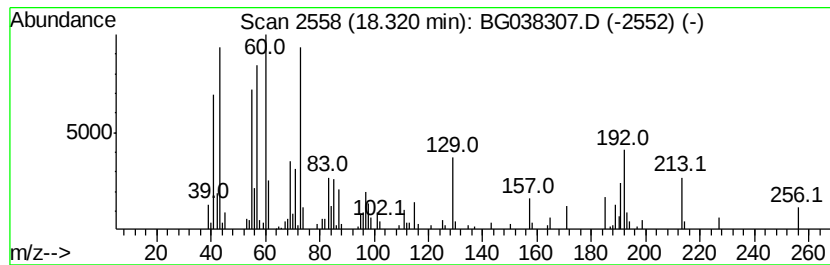
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.49 ng	157693	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50



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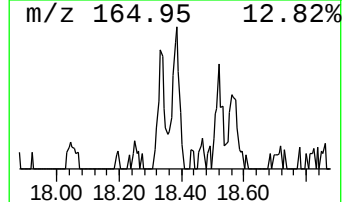
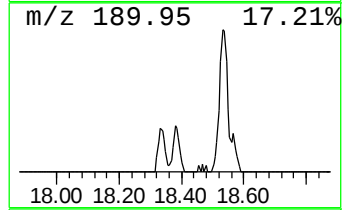
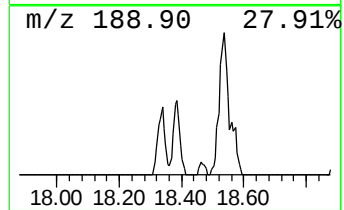
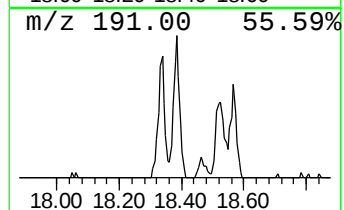
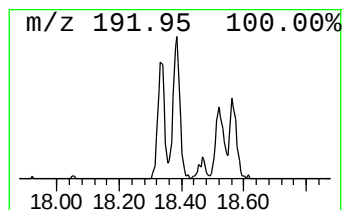
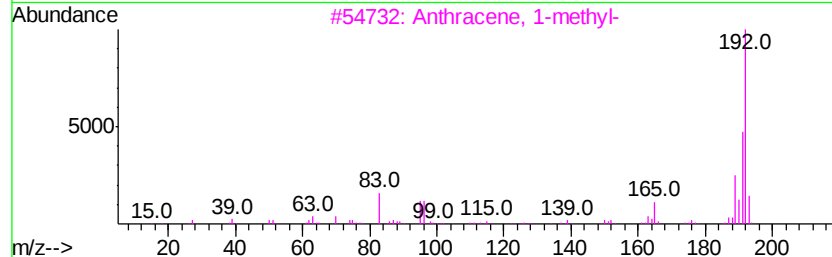
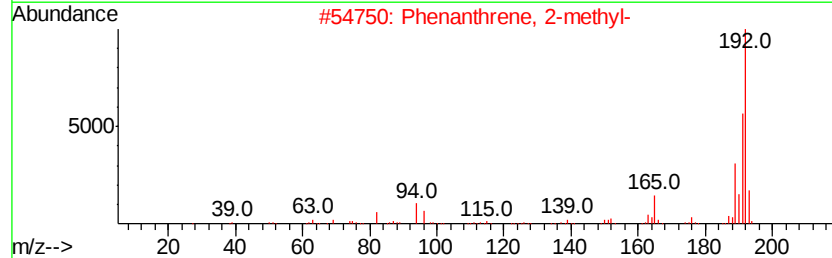
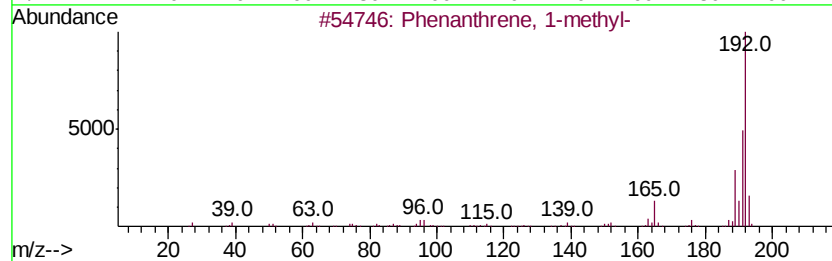
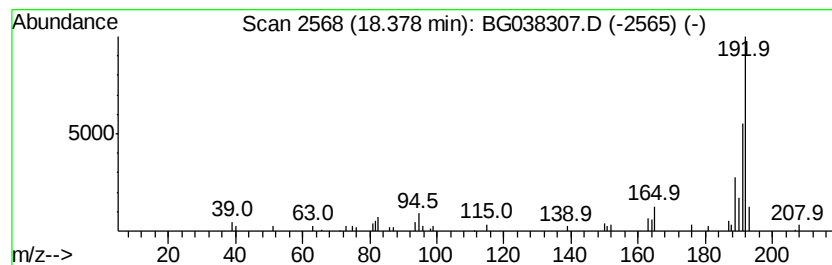
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.34 ng	56747	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038307.D
Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

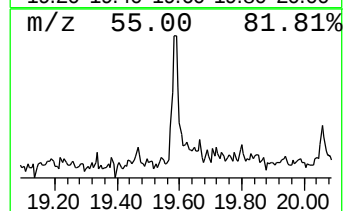
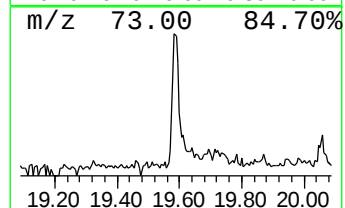
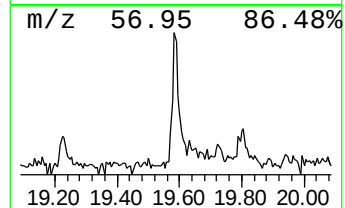
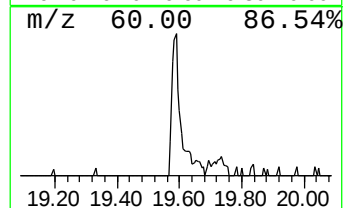
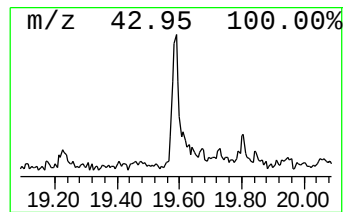
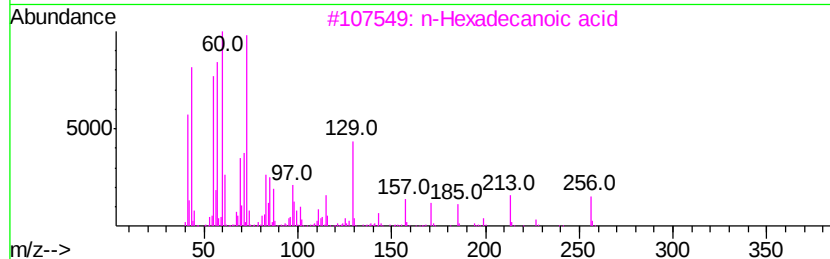
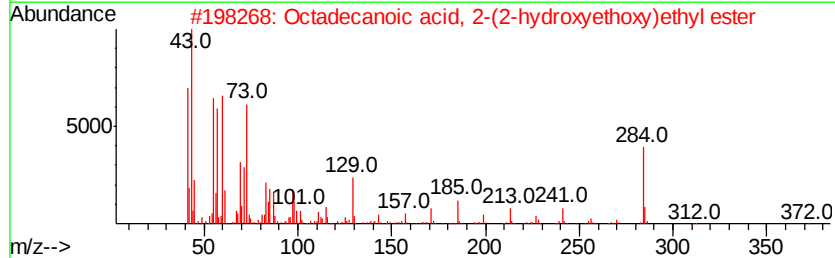
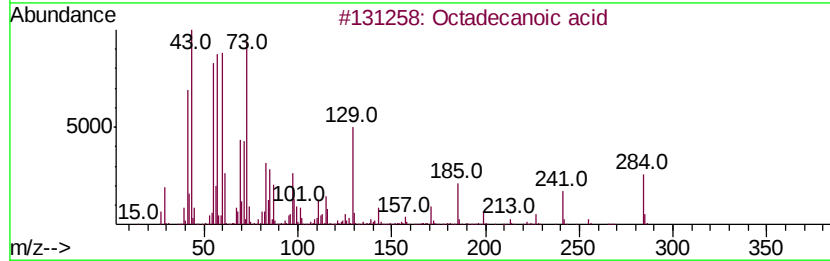
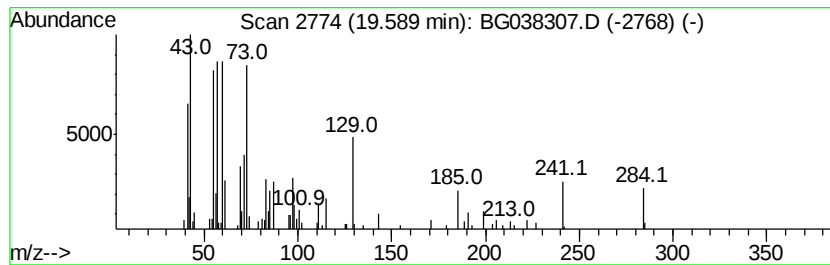
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.41 ng	82821	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038307.D
Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

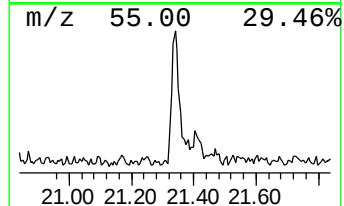
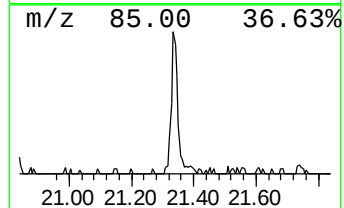
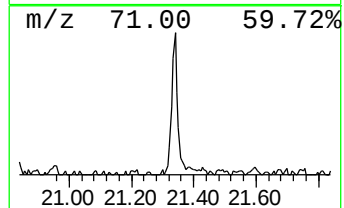
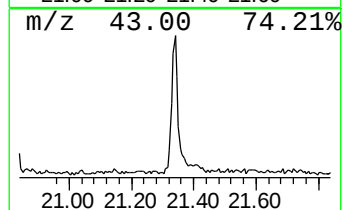
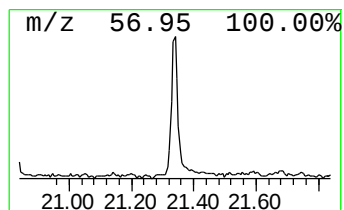
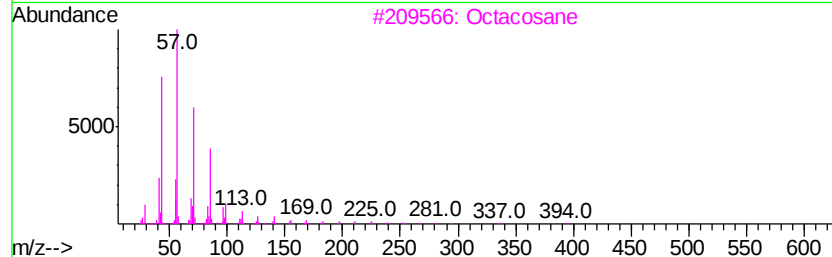
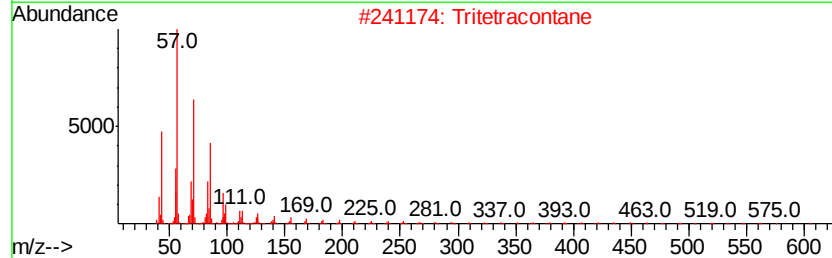
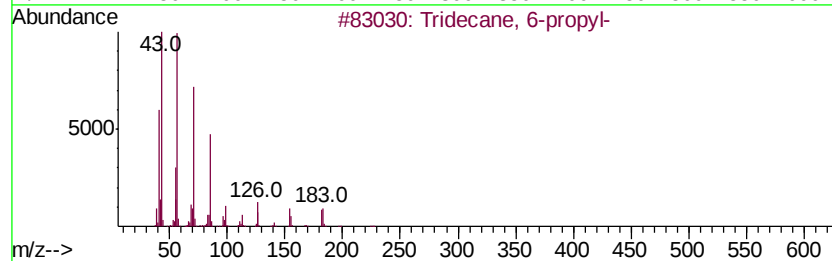
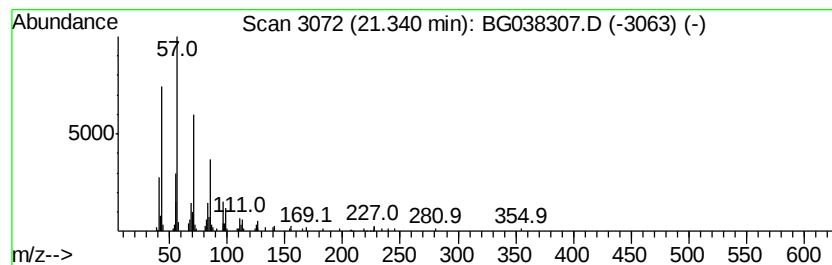
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.52 ng	118668	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038307.D
Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20180945-COMPOSITE-4

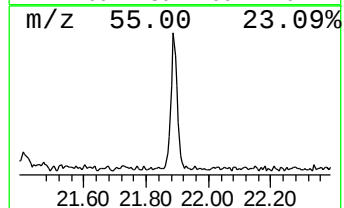
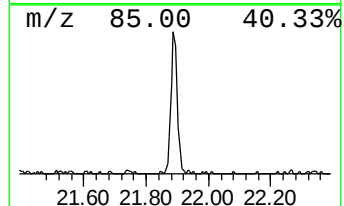
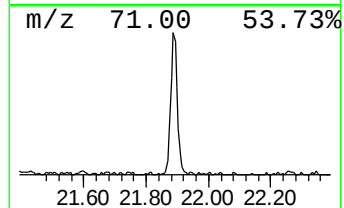
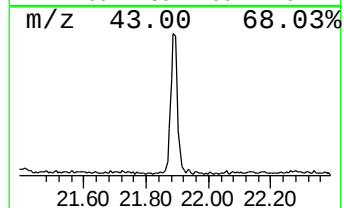
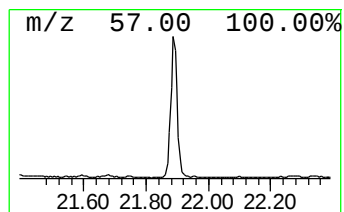
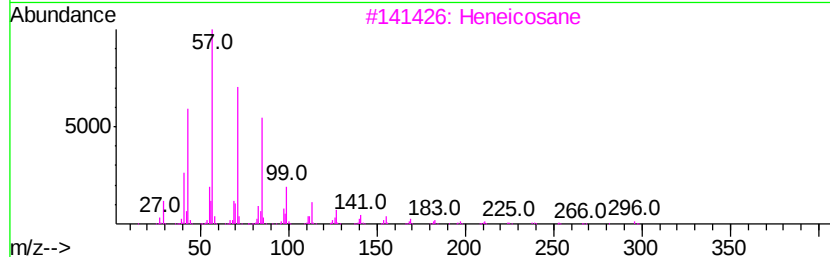
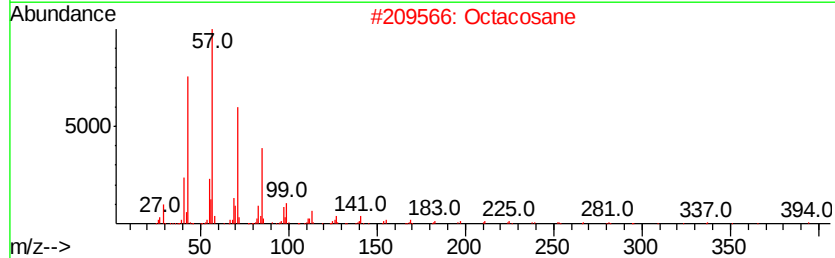
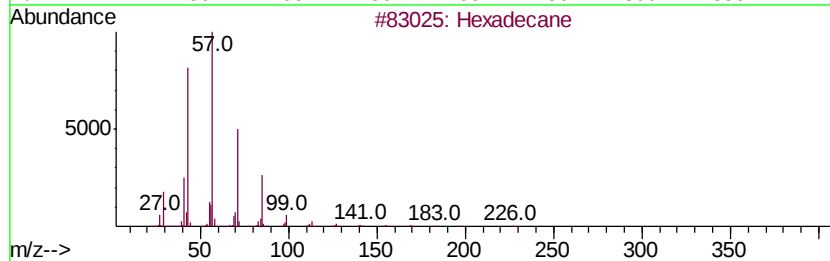
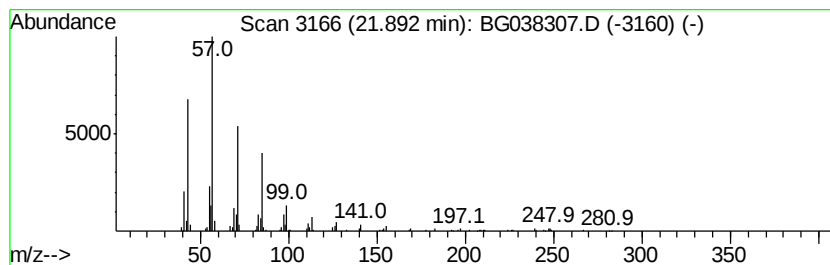
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	5.30 ng	178865	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
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Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
Sample : J6060-04
Misc :
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Instrument :
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ClientSampleId :
20180945-COMPOSITE-4

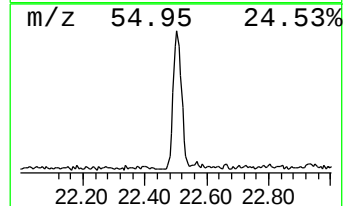
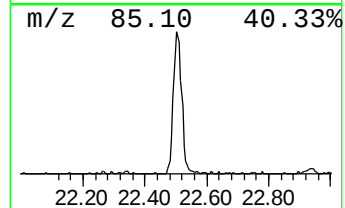
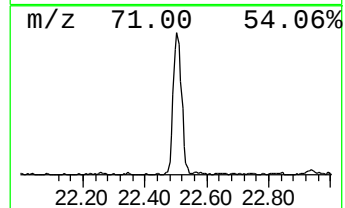
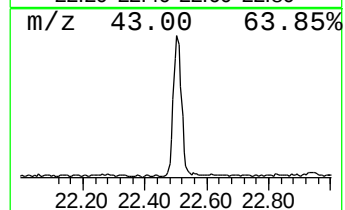
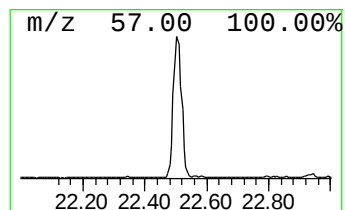
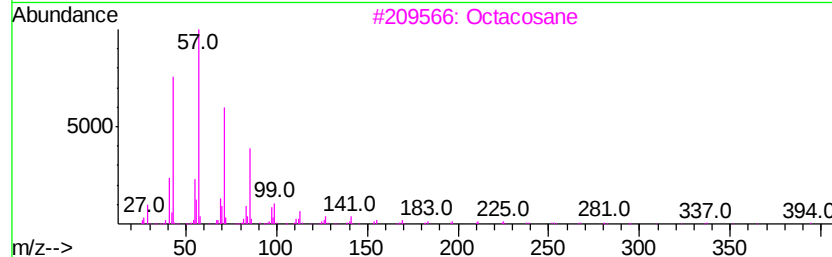
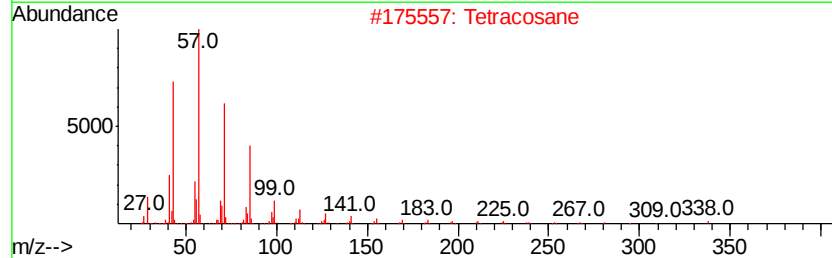
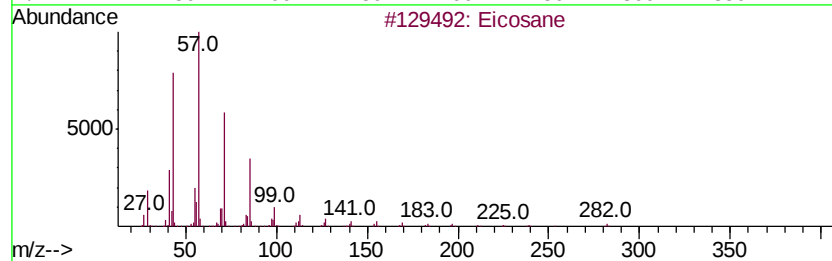
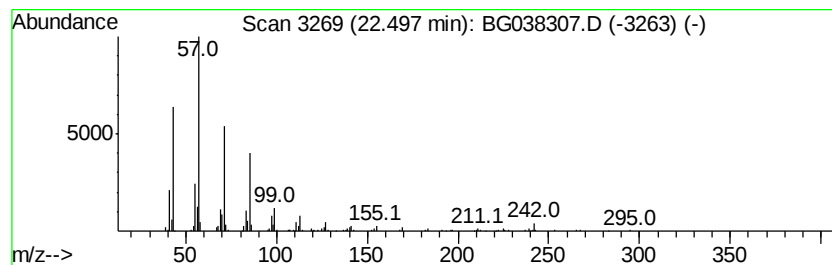
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	9.40 ng	317198	Chrysene-d12	21.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Tetracosane	338	C24H50	000646-31-1	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
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 Acq On : 3 Dec 2018 19:41
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Instrument :
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 ClientSampleId :
 20180945-COMPOSITE-4

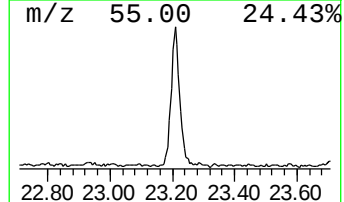
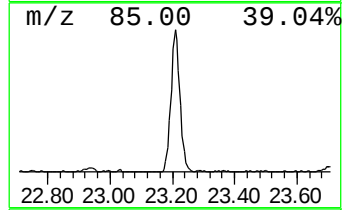
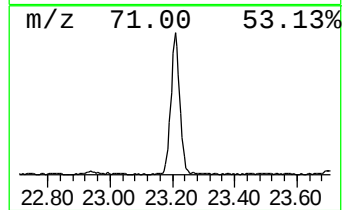
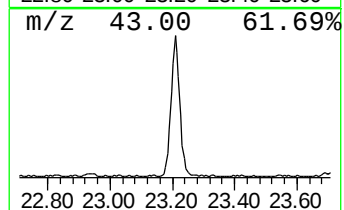
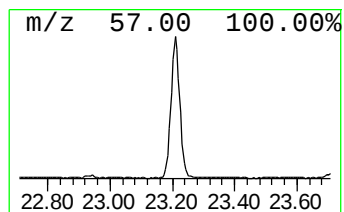
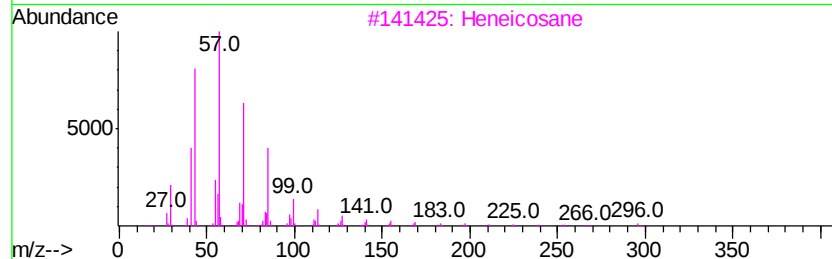
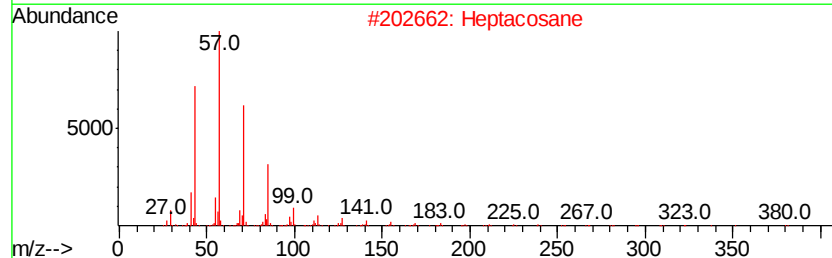
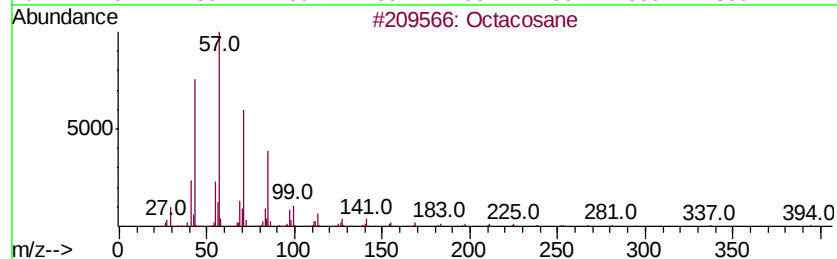
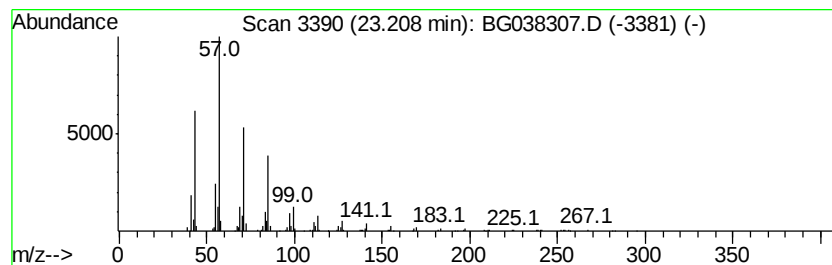
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	13.79 ng	465320	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
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Acq On : 3 Dec 2018 19:41
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20180945-COMPOSITE-4

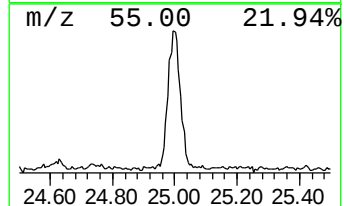
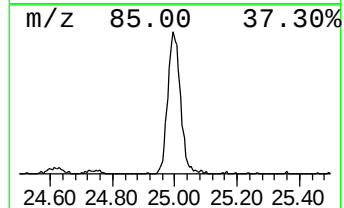
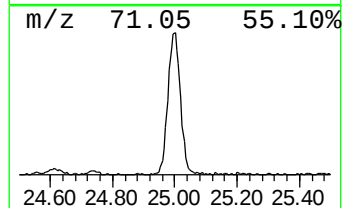
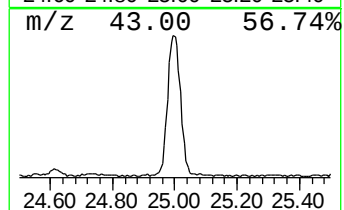
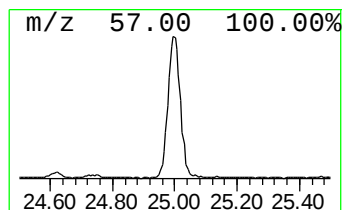
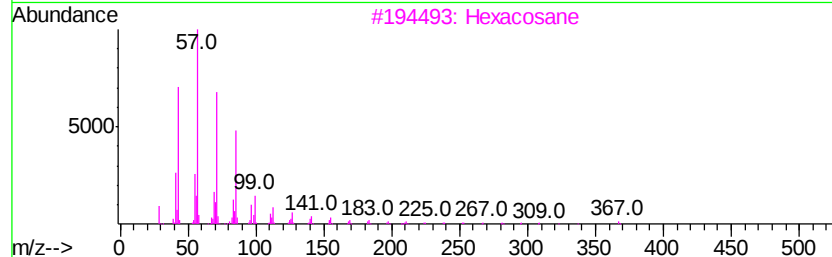
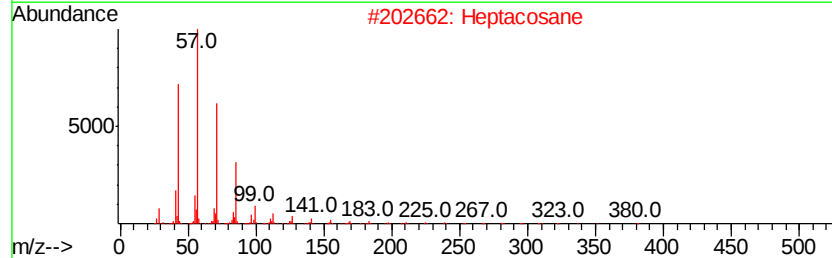
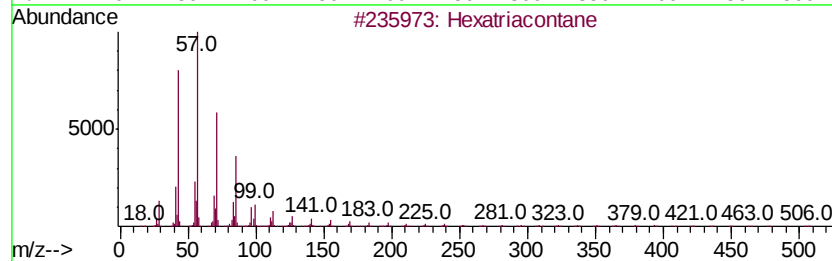
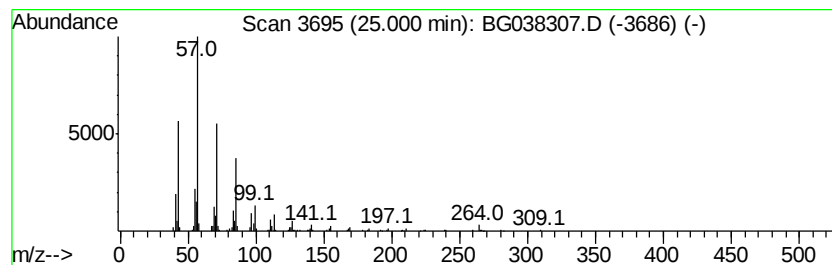
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexatriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	16.84 ng	475344	Perylene-d12	25.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038307.D
Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

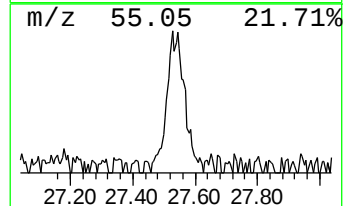
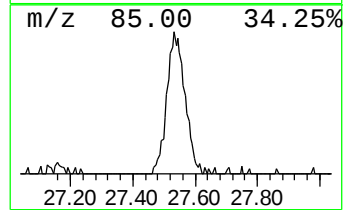
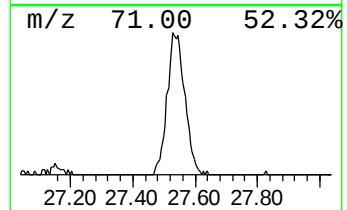
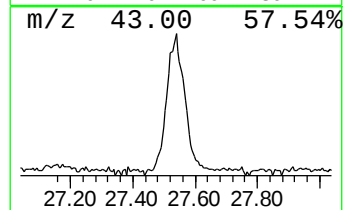
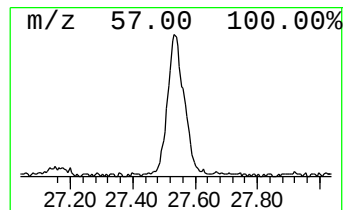
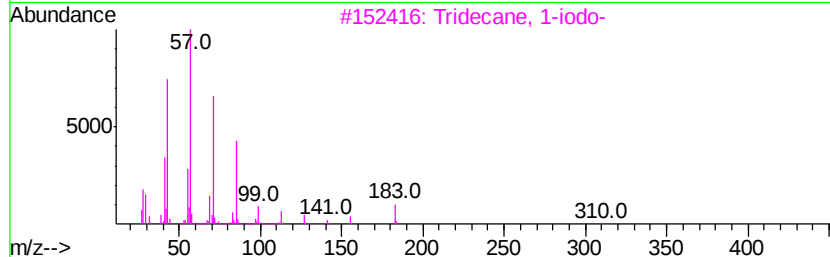
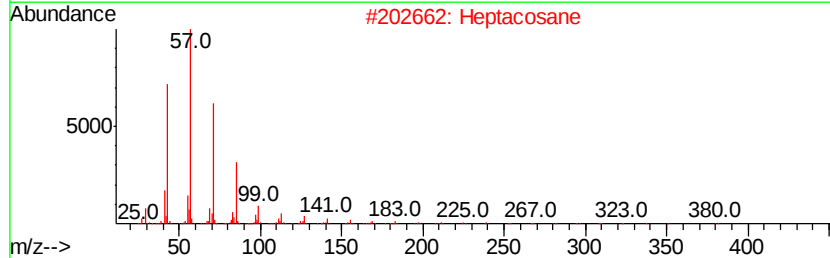
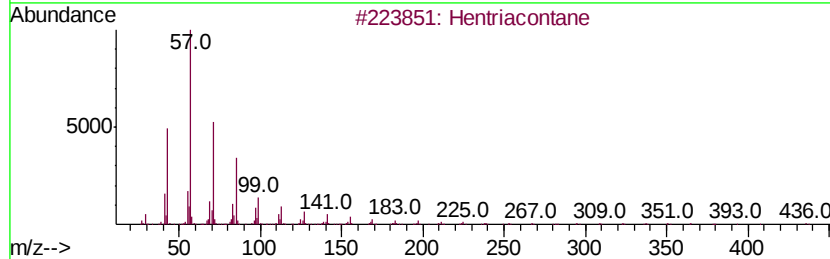
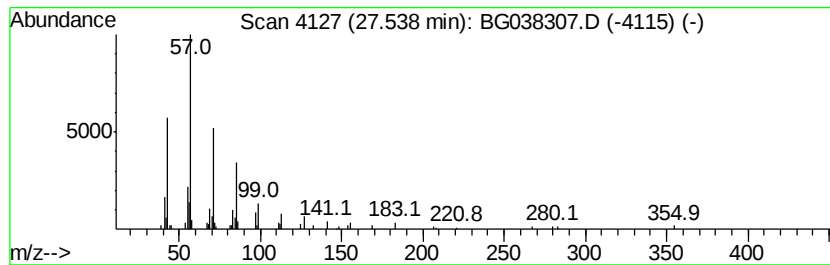
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.54	6.11 ng	172491	Perylene-d12	25.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Heptacosane	380	C27H56	000593-49-7	87
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4			Pentacosane	352	C25H52	000629-99-2	86
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
Data File : BG038307.D
Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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
unknown3.75	3.75	3.0	ng	22128	1	8.07	146806	20.0
2-Pentanone, 4-hy...	5.16	5.0	ng	36335	1	8.07	146806	20.0
unknown7.60	7.60	95.1	ng	698267	1	8.07	146806	20.0
n-Hexadecanoic acid	18.32	6.5	ng	157693	4	17.46	485761	20.0
Phenanthrene, 1-m...	18.38	2.3	ng	56747	4	17.46	485761	20.0
Octadecanoic acid	19.59	3.4	ng	82821	4	17.46	485761	20.0
Tridecane, 6-propyl-	21.34	3.5	ng	118668	5	21.75	675029	20.0
Hexadecane	21.89	5.3	ng	178865	5	21.75	675029	20.0
Eicosane	22.50	9.4	ng	317198	5	21.75	675029	20.0
Octacosane	23.21	13.8	ng	465320	5	21.75	675029	20.0
Hexatriacontane	25.00	16.8	ng	475344	6	25.06	564448	20.0
Hentriacontane	27.54	6.1	ng	172491	6	25.06	564448	20.0