

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038089.D
 Acq On : 20 Nov 2018 17:29
 Operator : JU/SJ
 Sample : J5994-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180923-SITE-WATER

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	5.627	392	398	411	rVB	196585	333347	18.96%	2.927%
2	7.231	664	671	685	rBV2	137885	317996	18.09%	2.792%
3	7.613	729	736	743	rBV	357856	643007	36.57%	5.645%
4	8.089	810	817	828	rBV	138741	249567	14.20%	2.191%
5	8.406	863	871	882	rVB	332650	626192	35.62%	5.498%
6	9.264	1009	1017	1028	rBV	304806	565909	32.19%	4.968%
7	10.903	1289	1296	1304	rBV	202709	381655	21.71%	3.351%
8	13.341	1703	1711	1720	rBV	834091	1320021	75.08%	11.589%
9	14.164	1845	1851	1857	rBV	99306	143104	8.14%	1.256%
10	14.722	1937	1946	1954	rVB2	330869	539727	30.70%	4.739%
11	16.208	2192	2199	2210	rBV3	521810	825610	46.96%	7.248%
12	16.408	2227	2233	2241	rVB	63373	103651	5.90%	0.910%
13	17.466	2407	2413	2425	rBV2	400733	636951	36.23%	5.592%
14	18.112	2518	2523	2528	rVB2	71603	94597	5.38%	0.831%
15	18.324	2553	2559	2567	rBV2	82465	127773	7.27%	1.122%
16	19.593	2771	2775	2783	rBV3	31084	48199	2.74%	0.423%
17	20.069	2850	2856	2866	rBV	1322953	1758101	100.00%	15.435%
18	20.838	2983	2987	2992	rBV2	16280	21805	1.24%	0.191%
19	21.349	3069	3074	3076	rBV2	31374	48554	2.76%	0.426%
20	21.749	3135	3142	3151	rVB2	403502	680160	38.69%	5.971%
21	21.896	3160	3167	3174	rBV2	46301	73876	4.20%	0.649%
22	22.513	3267	3272	3279	rBV	77813	129500	7.37%	1.137%
23	23.224	3385	3393	3406	rBV	120856	238559	13.57%	2.094%
24	24.046	3525	3533	3541	rBV	114376	260447	14.81%	2.287%
25	25.016	3688	3698	3701	rBV	104114	251945	14.33%	2.212%
26	25.075	3701	3708	3721	rVB2	204623	654709	37.24%	5.748%
27	26.173	3884	3895	3906	rBV2	69016	214742	12.21%	1.885%
28	27.566	4122	4132	4142	rVB4	29688	100508	5.72%	0.882%

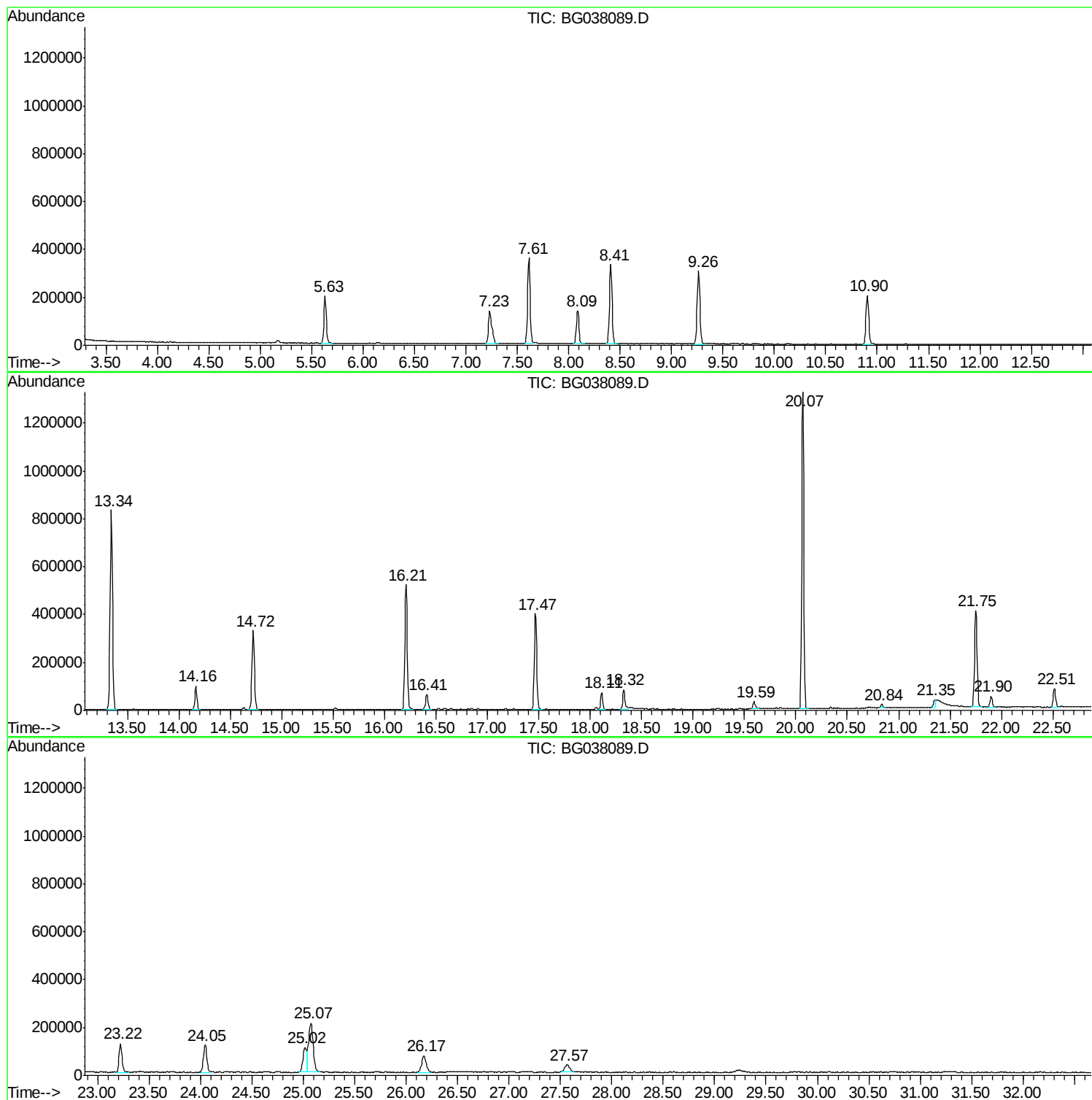
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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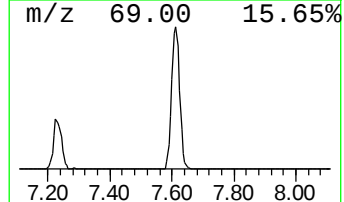
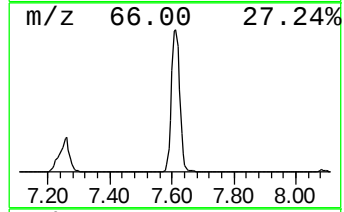
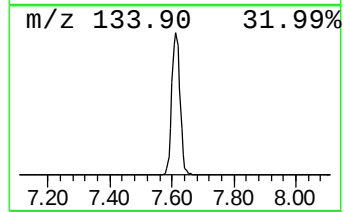
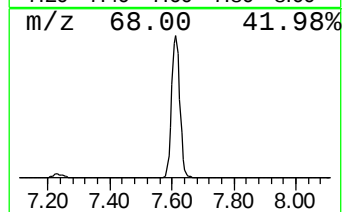
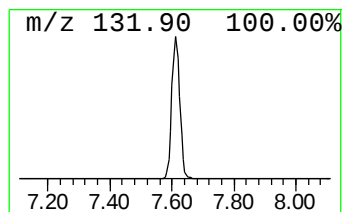
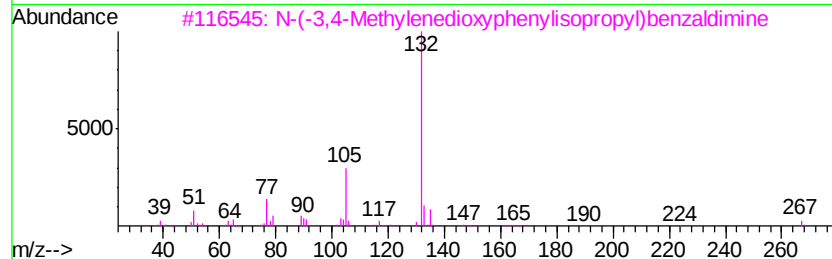
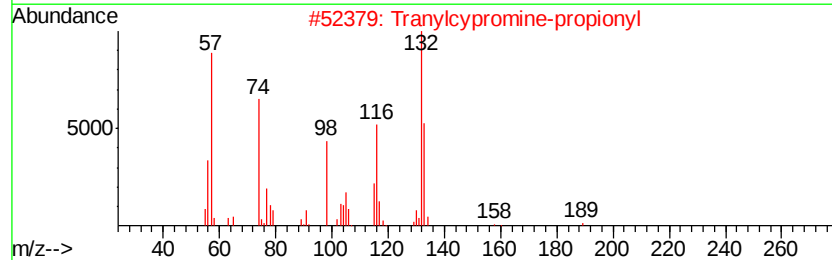
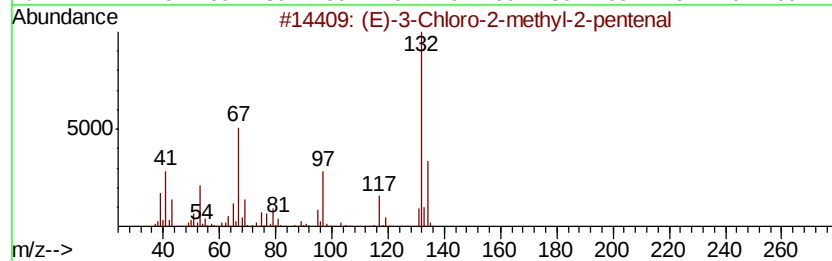
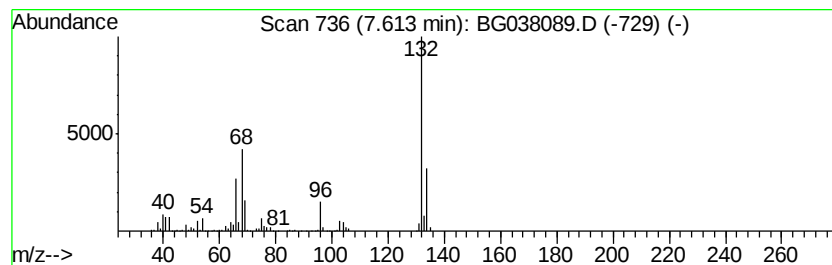
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	51.53 ng	643007	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		N-(-3,4-Methylenedioxyphenylisopropyl)benzaldimine	267	C17H17NO2	1000378-96-6	10
4		2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	9
5		Bicyclo[4.2.0]octa-1,3,5-triene	132	C10H12	028749-81-7	9



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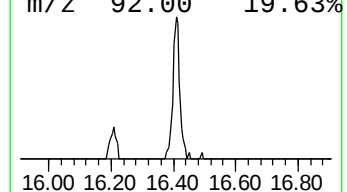
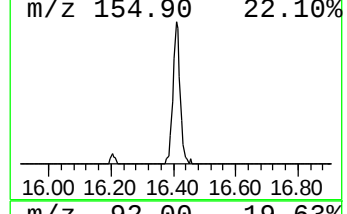
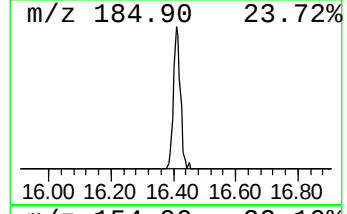
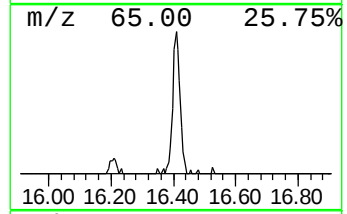
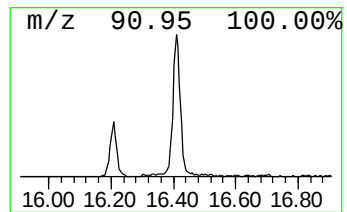
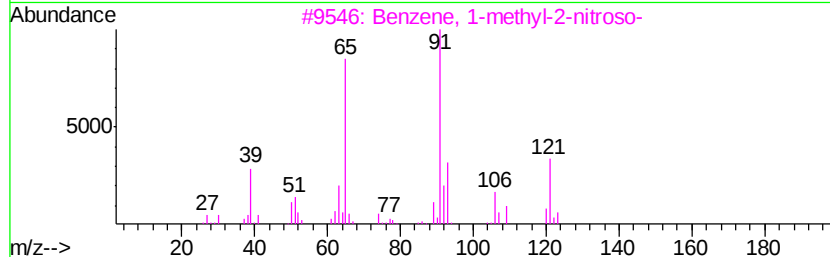
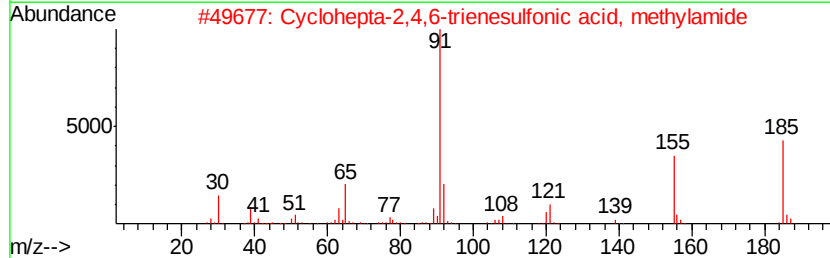
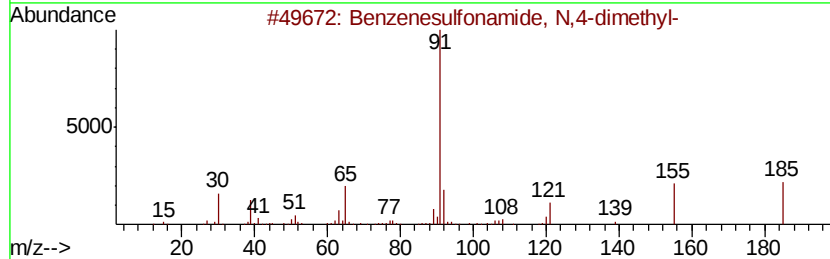
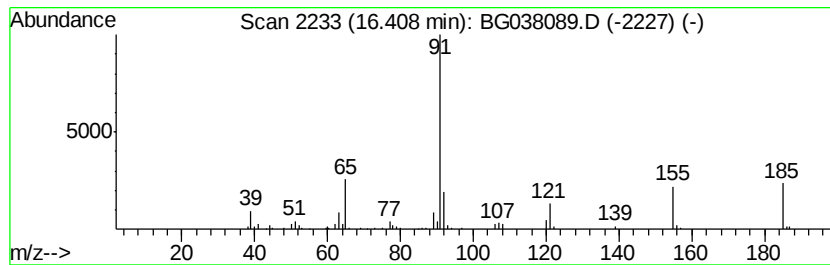
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Peak Number 3 Benzenesulfonamide, N,4-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.41	3.25 ng	103651	Phenanthrene-d10	17.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	96
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	50
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	49
4	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	47
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43



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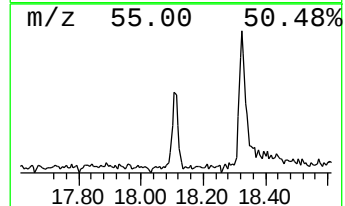
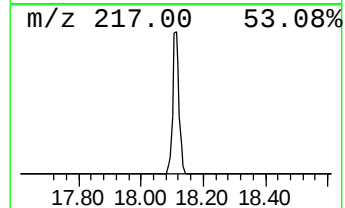
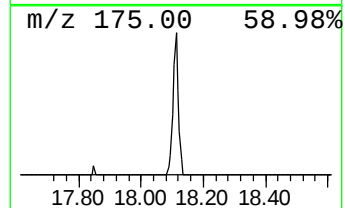
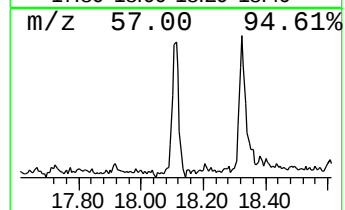
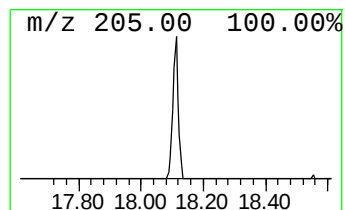
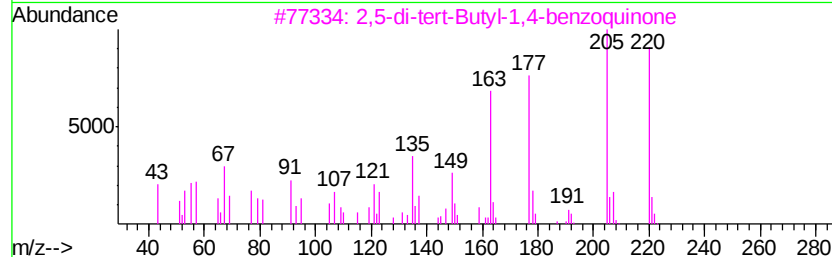
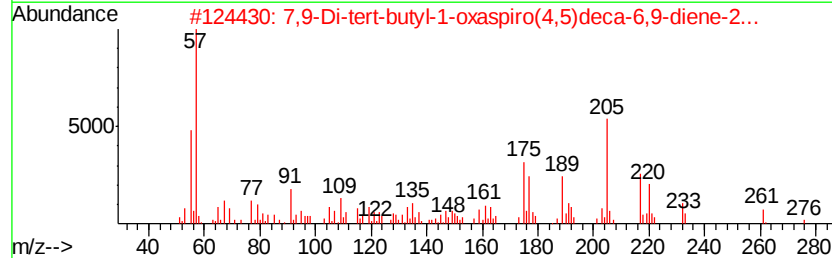
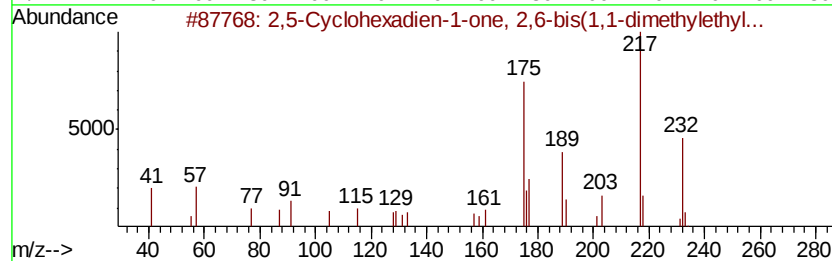
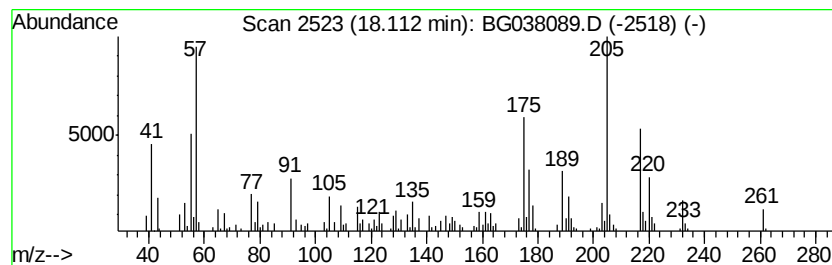
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Peak Number 4 2,5-Cyclohexadien-1-one, 2,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.11	2.97 ng	94597	Phenanthrene-d10		17.47	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O		006738-27-8	53
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3		082304-66-3	52
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2		002460-77-7	46
4	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3		000644-06-4	30
5	Butylated Hydroxytoluene	220	C15H24O		000128-37-0	27



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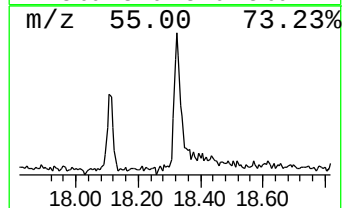
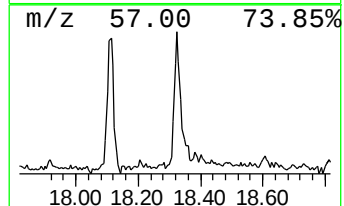
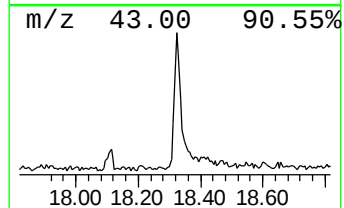
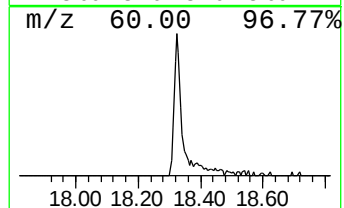
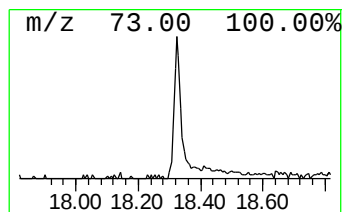
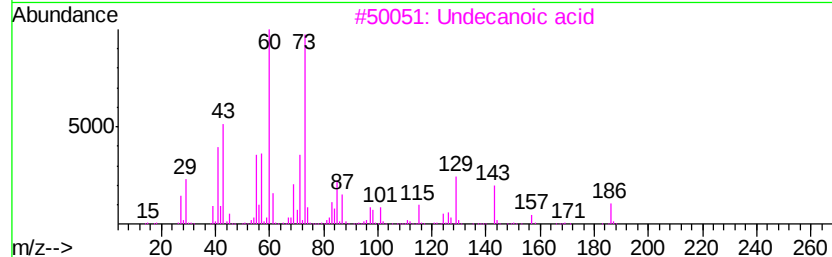
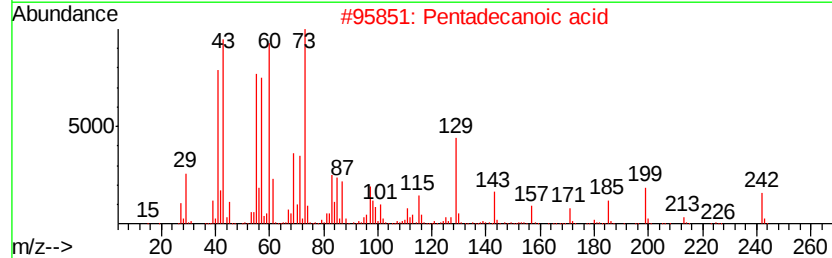
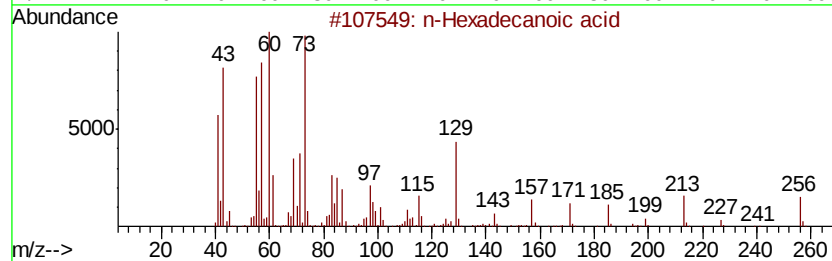
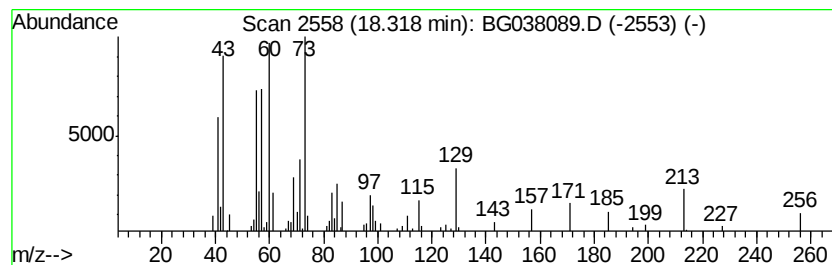
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 Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.32	4.01 ng	127773	Phenanthrene-d10	17.47	
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	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52
5	3,7-Dimethyl-8-oxo-1,5-dioxaspi...	256	C13H20O5	1000193-79-8	44



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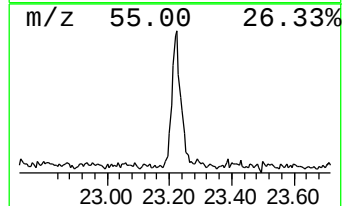
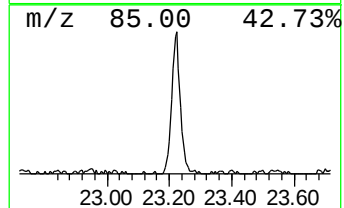
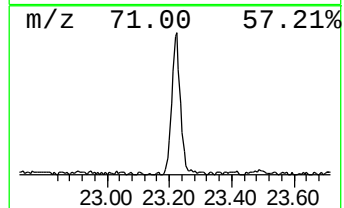
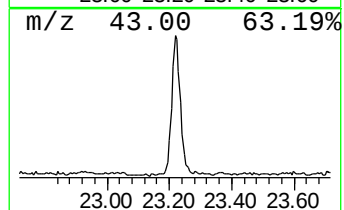
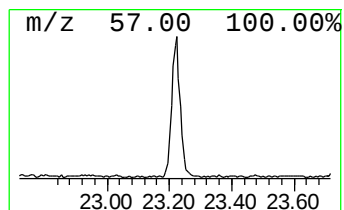
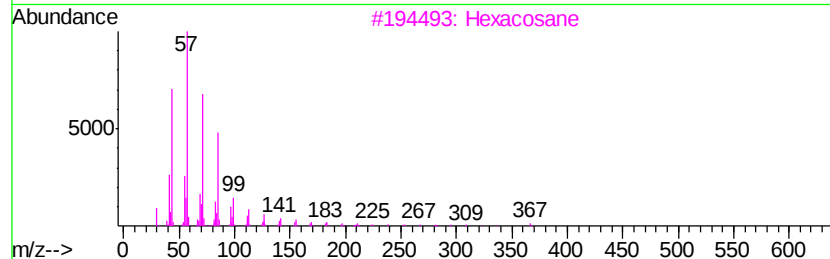
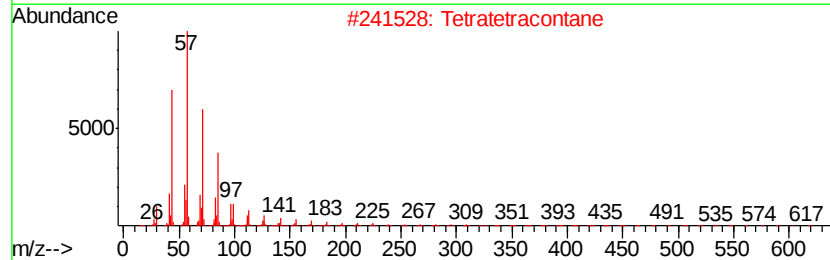
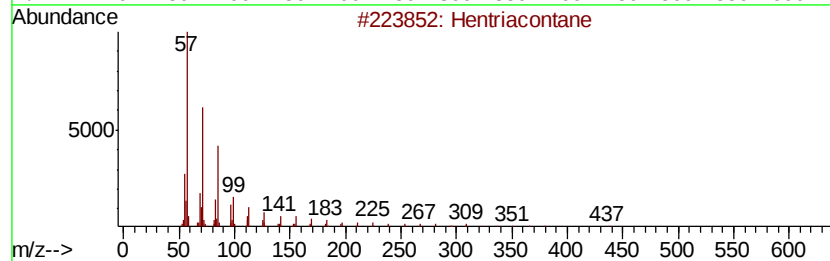
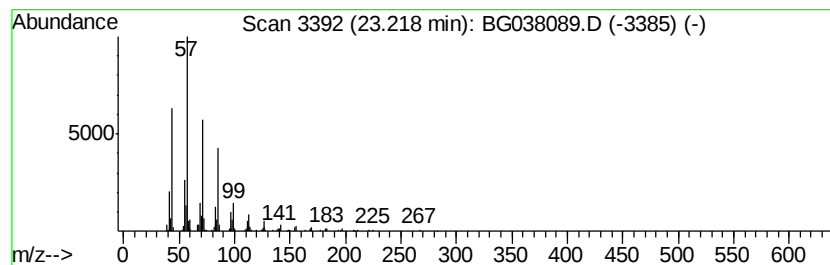
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Peak Number 8 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	7.01 ng	238559	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexadecane	226	C16H34	000544-76-3	91



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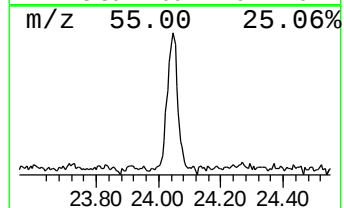
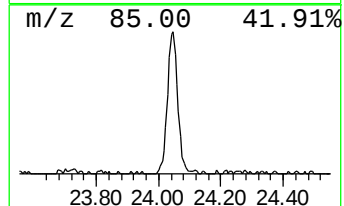
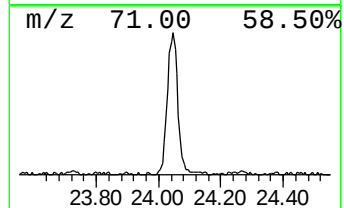
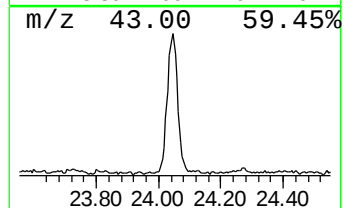
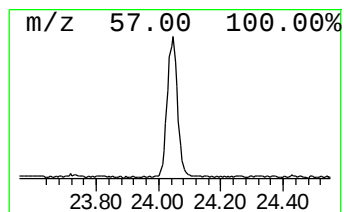
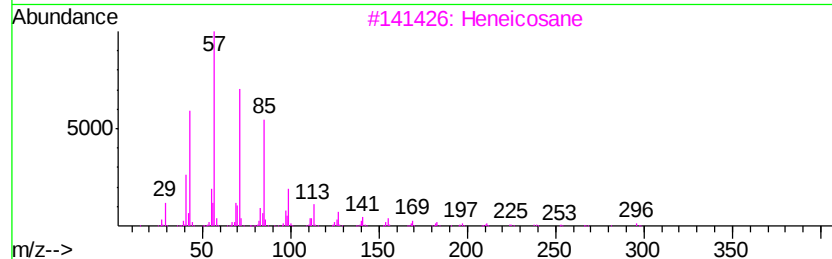
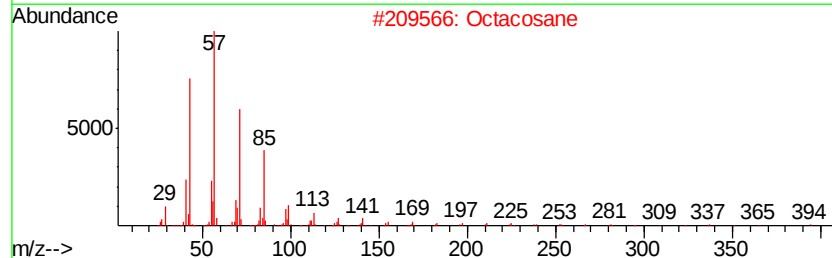
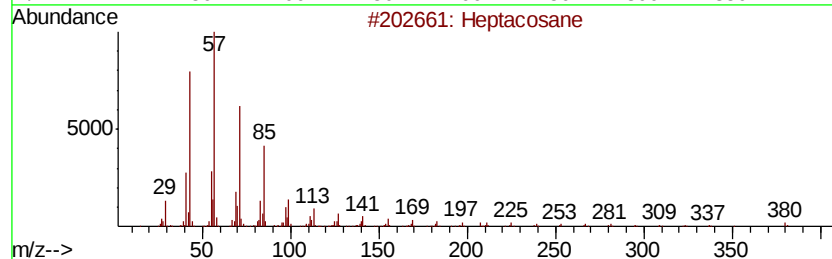
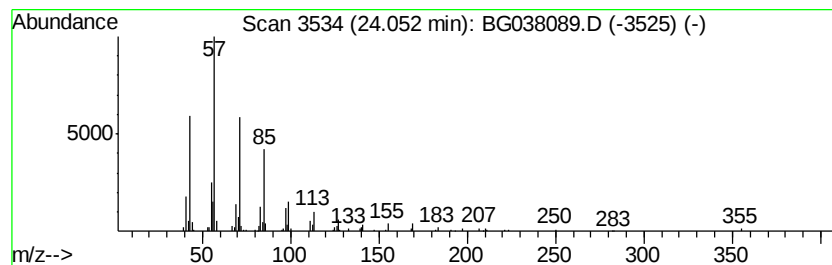
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	7.96 ng	260447	Perylene-d12	25.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038089.D
Acq On : 20 Nov 2018 17:29
Operator : JU/SJ
Sample : J5994-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

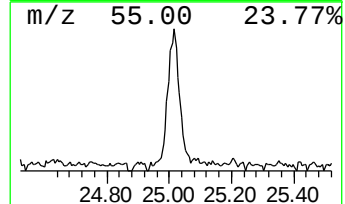
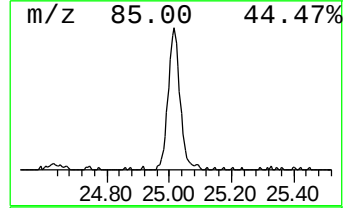
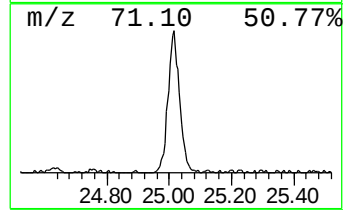
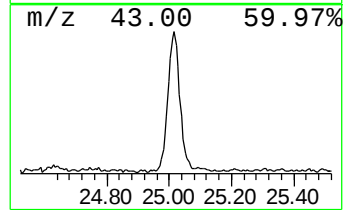
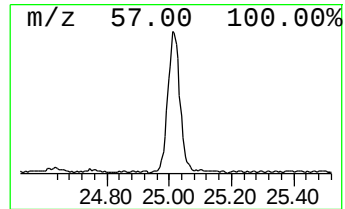
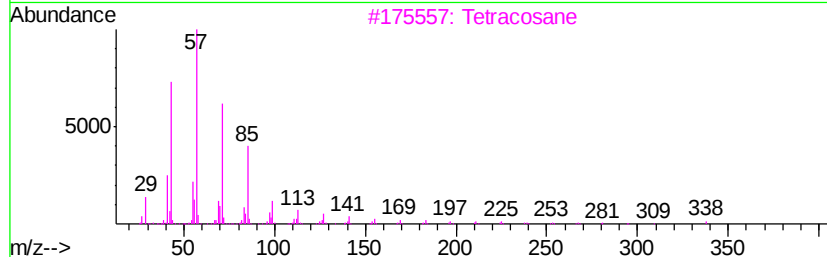
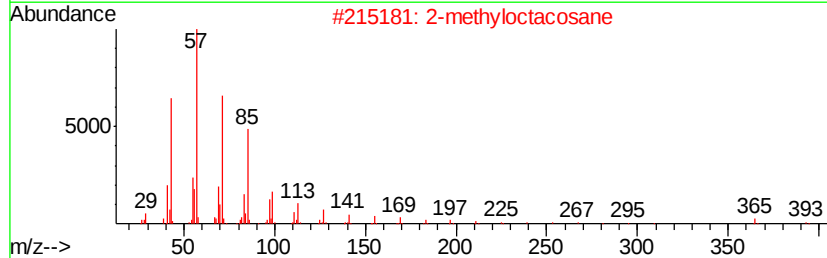
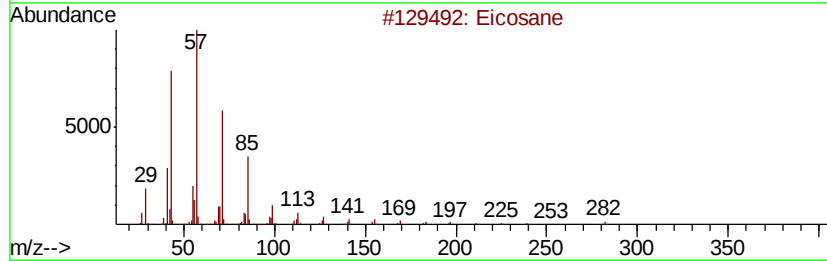
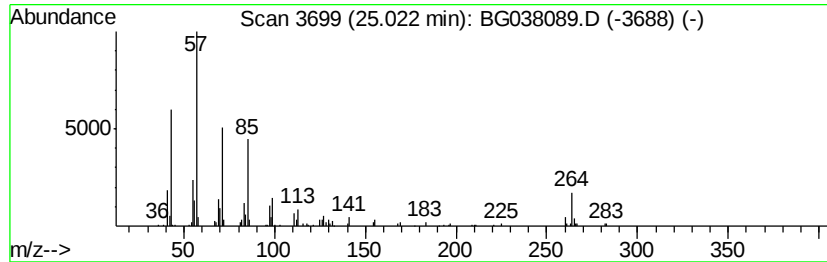
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	7.70 ng	251945	Perylene-d12	25.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		2-methyltetracosane	352	C25H52	1000376-72-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038089.D
Acq On : 20 Nov 2018 17:29
Operator : JU/SJ
Sample : J5994-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

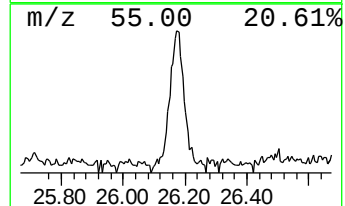
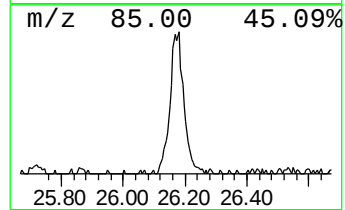
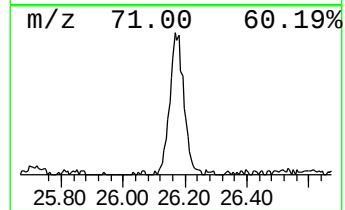
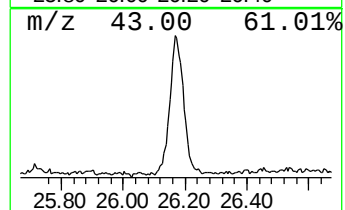
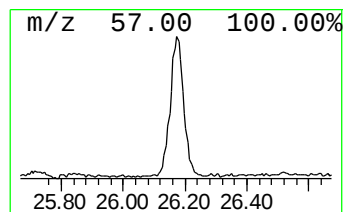
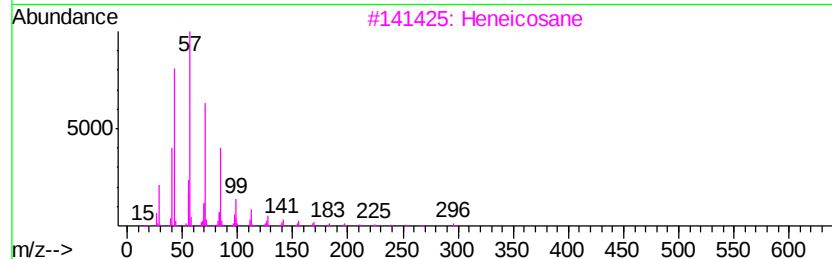
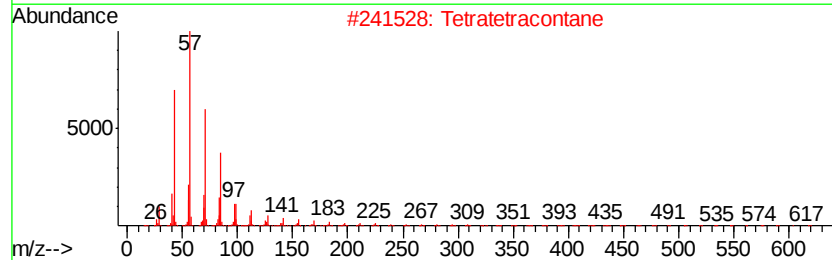
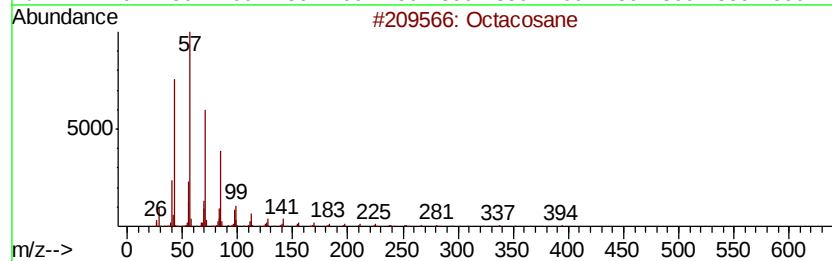
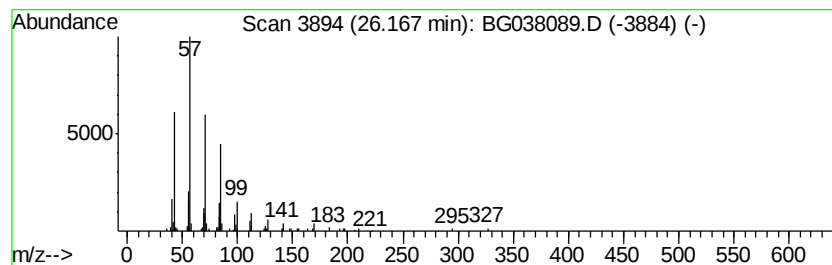
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.17	6.56 ng	214742	Perylene-d12	25.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038089.D
Acq On : 20 Nov 2018 17:29
Operator : JU/SJ
Sample : J5994-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

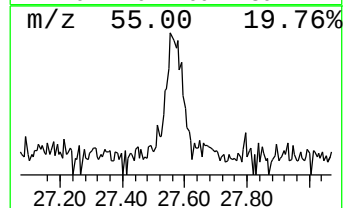
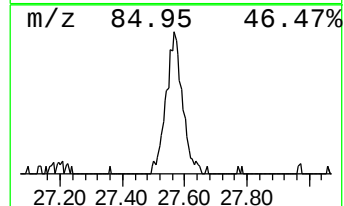
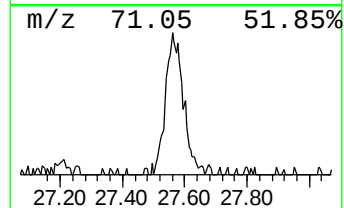
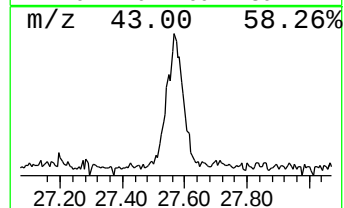
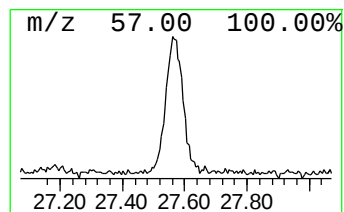
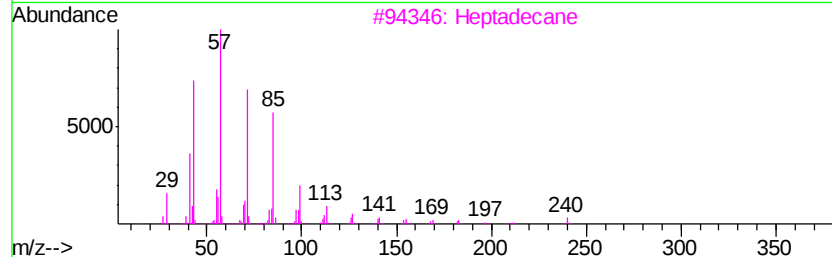
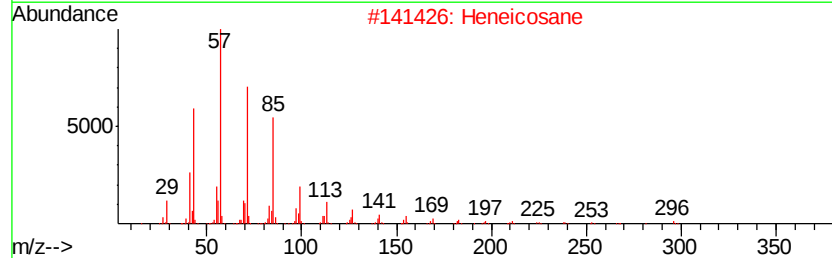
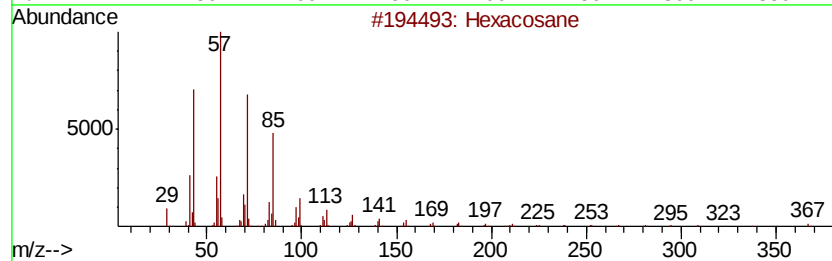
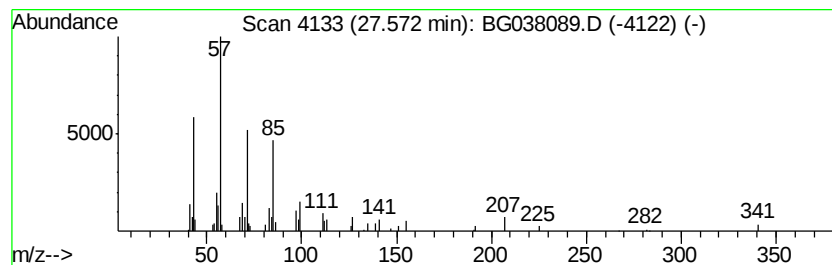
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.57	3.07 ng	100508	Perylene-d12	25.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	83
2		Heneicosane	296	C21H44	000629-94-7	83
3		Heptadecane	240	C17H36	000629-78-7	83
4		Tetracosane	338	C24H50	000646-31-1	81
5		triacontane	422	C30H62	000638-68-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
Data File : BG038089.D
Acq On : 20 Nov 2018 17:29
Operator : JU/SJ
Sample : J5994-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

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
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Benzenesulfonamid...	16.41	3.3	ng	103651	4	17.47	636951	20.0
2,5-Cyclohexadien...	18.11	3.0	ng	94597	4	17.47	636951	20.0
n-Hexadecanoic acid	18.32	4.0	ng	127773	4	17.47	636951	20.0
Hentriacontane	23.22	7.0	ng	238559	5	21.75	680160	20.0
Heptacosane	24.05	8.0	ng	260447	6	25.07	654709	20.0
Eicosane	25.02	7.7	ng	251945	6	25.07	654709	20.0
Octacosane	26.17	6.6	ng	214742	6	25.07	654709	20.0
Hexacosane	27.57	3.1	ng	100508	6	25.07	654709	20.0