

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044037.D
 Acq On : 14 Jan 2020 15:28
 Operator : JU
 Sample : L1111-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-BRICK

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-BG123019.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	3.131	3	7	25	rVB	230526	459808	5.40%	1.062%
2	4.453	225	232	249	rVB	1205215	1930215	22.67%	4.459%
3	5.070	327	337	349	rBV	4479968	8515091	100.00%	19.669%
4	5.528	408	415	425	rBV	1005825	1595213	18.73%	3.685%
5	7.115	676	685	697	rBV	1210305	2132200	25.04%	4.925%
6	7.479	738	747	756	rBV	1108247	1938406	22.76%	4.478%
7	7.943	817	826	835	rBV	431742	747201	8.78%	1.726%
8	8.266	873	881	891	rBV	958789	1707894	20.06%	3.945%
9	9.101	1012	1023	1036	rBV	716570	1313553	15.43%	3.034%
10	10.746	1295	1303	1315	rBV	567773	1044275	12.26%	2.412%
11	13.202	1714	1721	1731	rBV	1948397	3020762	35.48%	6.978%
12	14.024	1856	1861	1867	rBV	171188	285002	3.35%	0.658%
13	14.576	1948	1955	1965	rVV2	879017	1475127	17.32%	3.407%
14	15.111	2042	2046	2052	rBV4	70482	132009	1.55%	0.305%
15	15.851	2165	2172	2176	rBV	235984	467978	5.50%	1.081%
16	16.063	2203	2208	2213	rBV2	475924	722341	8.48%	1.669%
17	16.333	2246	2254	2260	rBV	676983	1339802	15.73%	3.095%
18	17.150	2389	2393	2398	rVB	616901	839276	9.86%	1.939%
19	17.320	2418	2422	2431	rBV	903523	1402059	16.47%	3.239%
20	19.935	2862	2867	2875	rVB	3030177	3964177	46.55%	9.157%
21	20.752	3003	3006	3009	rVB	87828	100944	1.19%	0.233%
22	21.233	3084	3088	3096	rVB4	486799	808256	9.49%	1.867%
23	21.568	3139	3145	3151	rBV	1007391	1602595	18.82%	3.702%
24	21.780	3177	3181	3187	rBV	247569	362156	4.25%	0.837%
25	22.379	3277	3283	3294	rVB	368323	639935	7.52%	1.478%
26	23.055	3392	3398	3408	rVB	406659	774628	9.10%	1.789%
27	23.237	3424	3429	3438	rVB	68527	138190	1.62%	0.319%
28	23.836	3524	3531	3543	rBV2	382202	836782	9.83%	1.933%
29	24.682	3666	3675	3682	rBV2	620695	1694166	19.90%	3.913%
30	24.759	3682	3688	3699	rVB	302660	755463	8.87%	1.745%
31	25.851	3867	3874	3885	rVB2	185555	546597	6.42%	1.263%

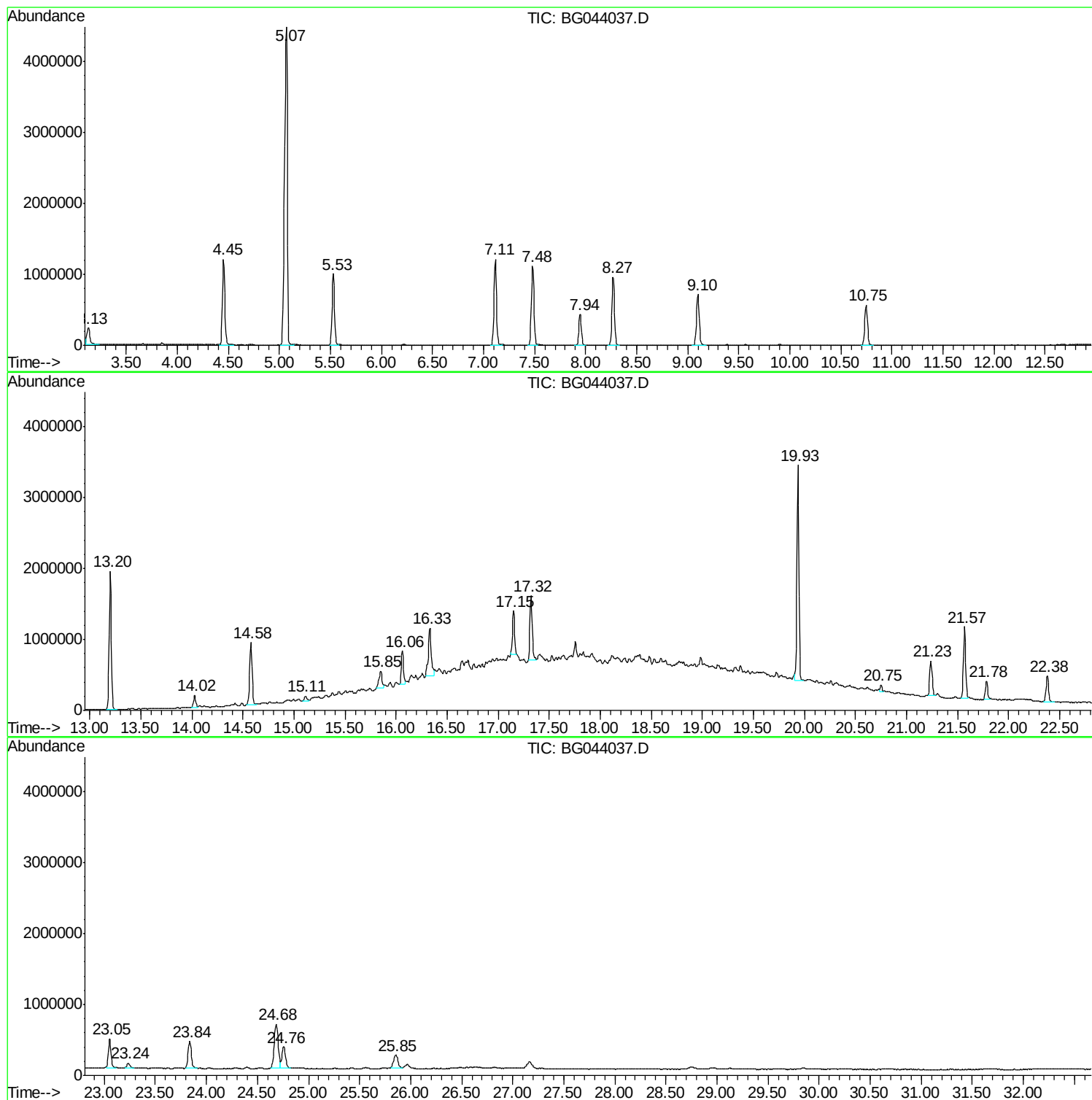
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.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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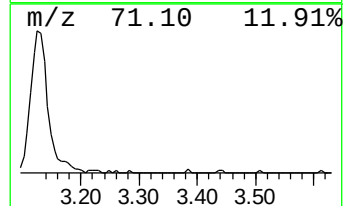
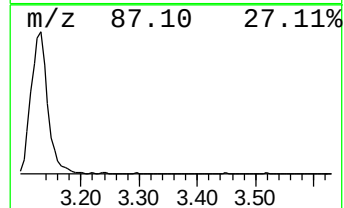
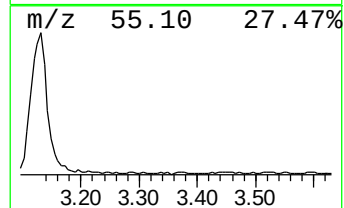
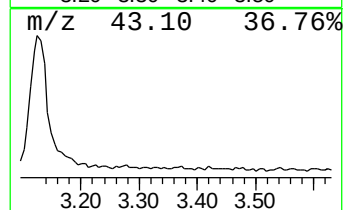
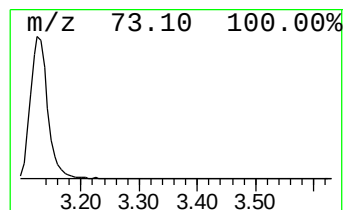
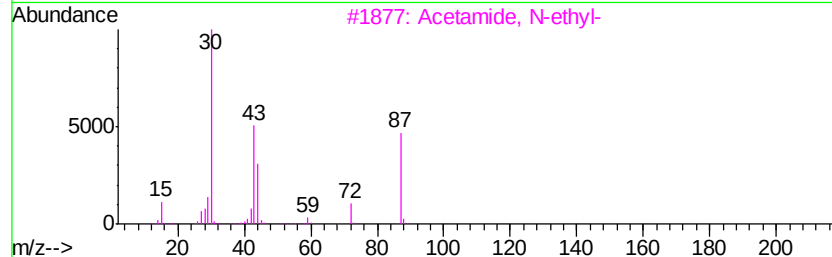
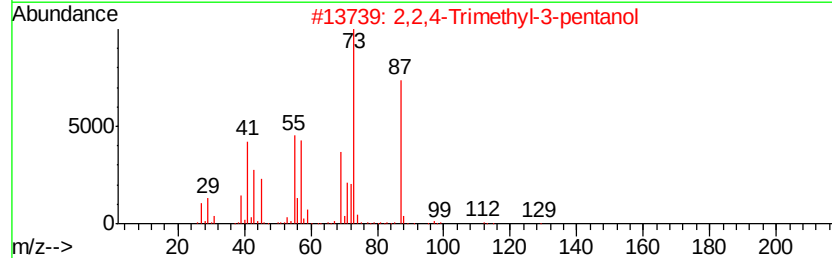
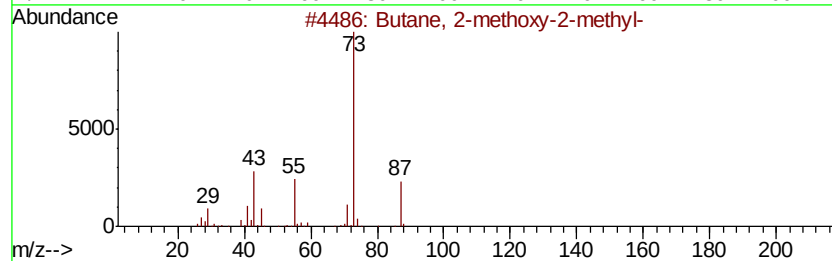
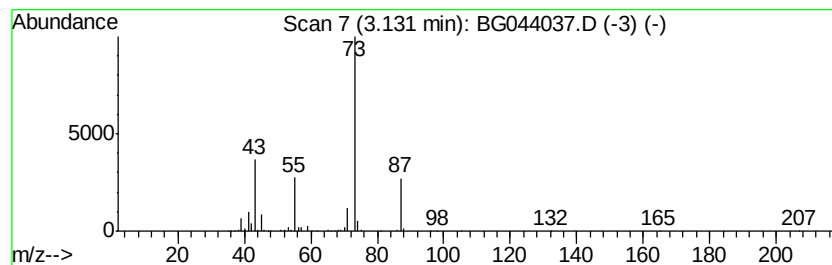
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	12.31 ng	459808	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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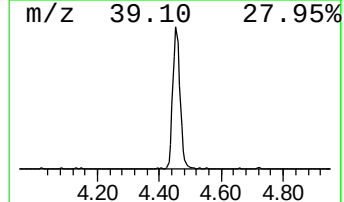
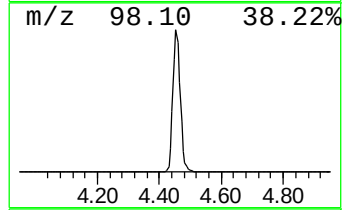
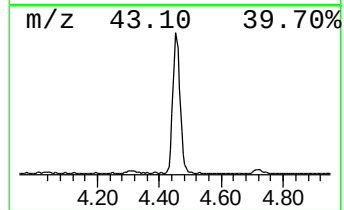
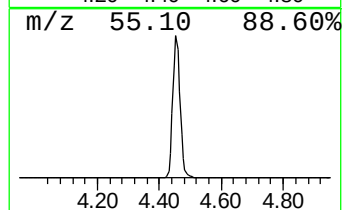
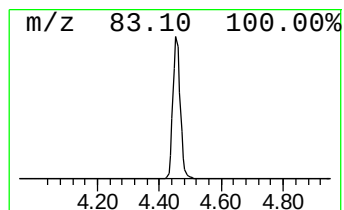
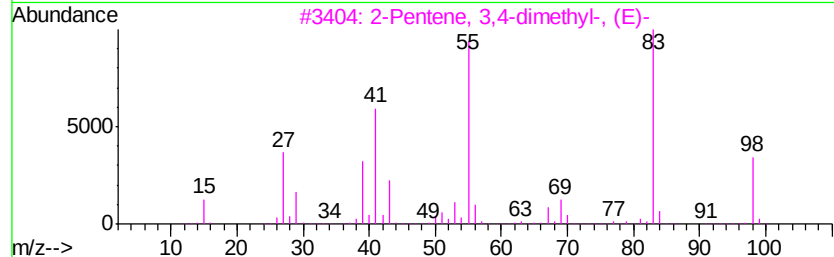
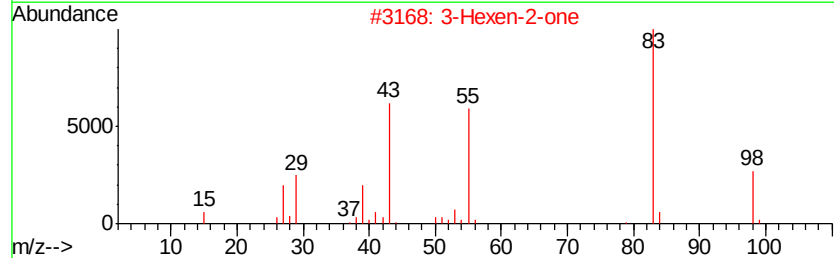
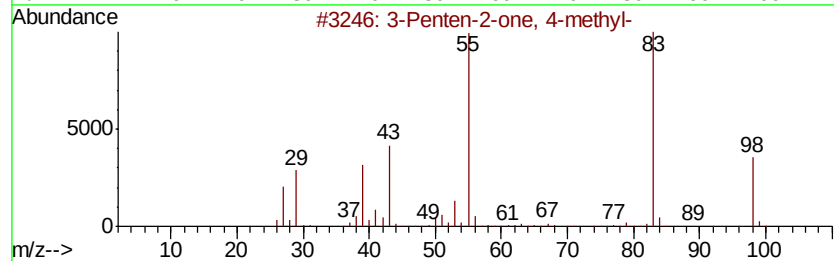
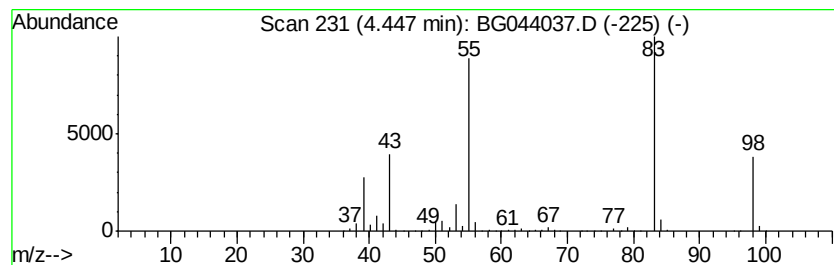
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	51.67 ng	1930220	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
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		Cyclohexane, methyl-	98	C7H14	000108-87-2	72



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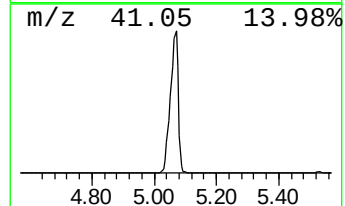
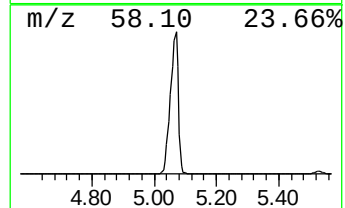
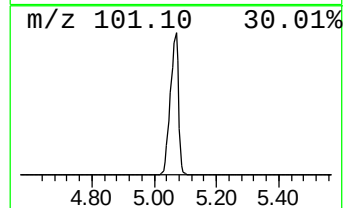
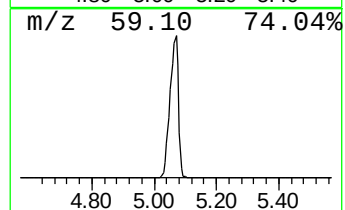
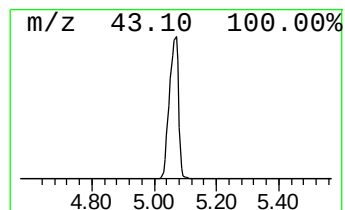
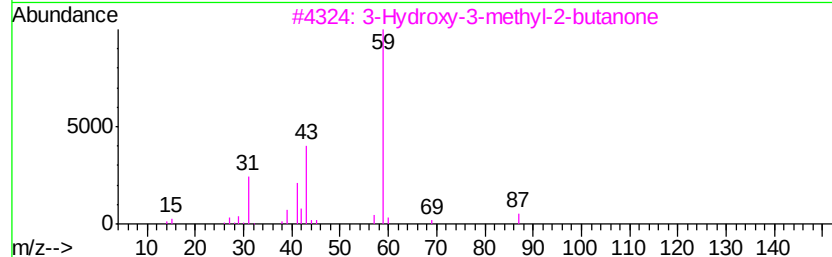
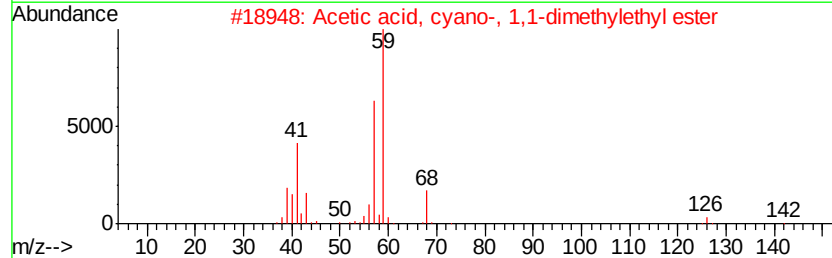
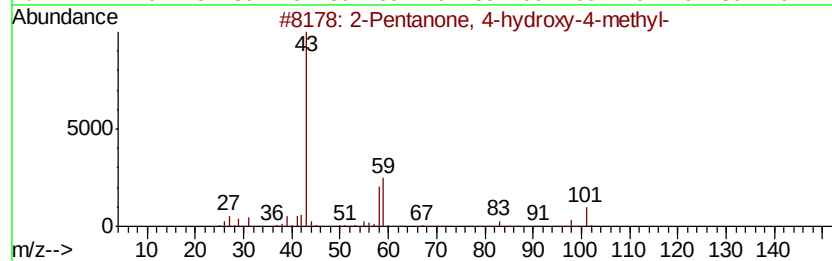
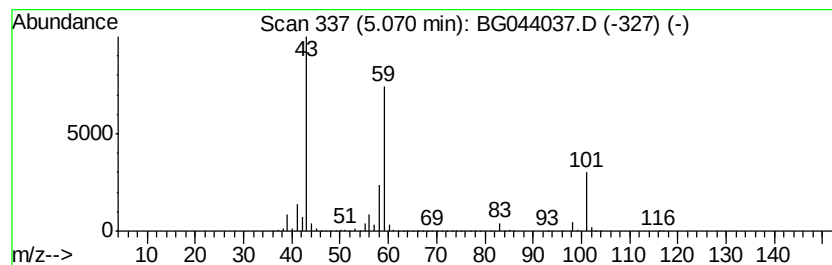
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	227.92 ng	8515090	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	37
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	37
4		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33



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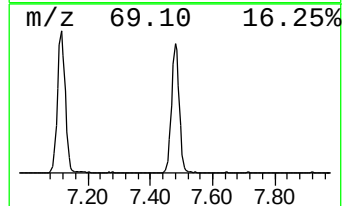
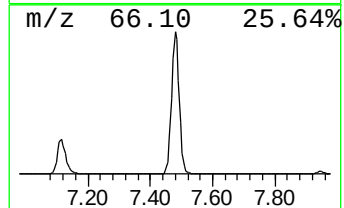
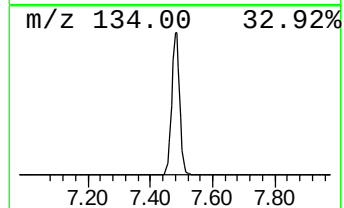
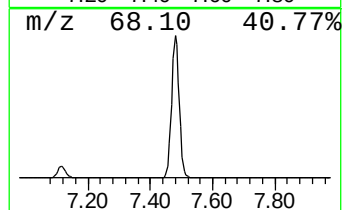
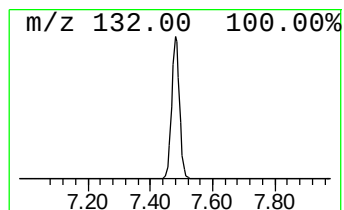
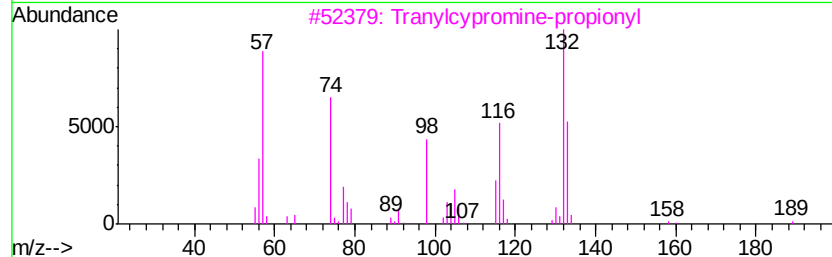
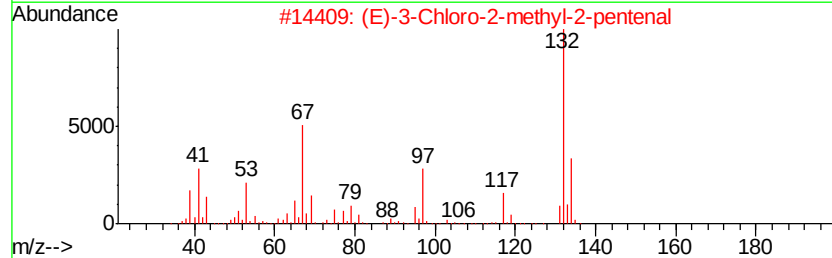
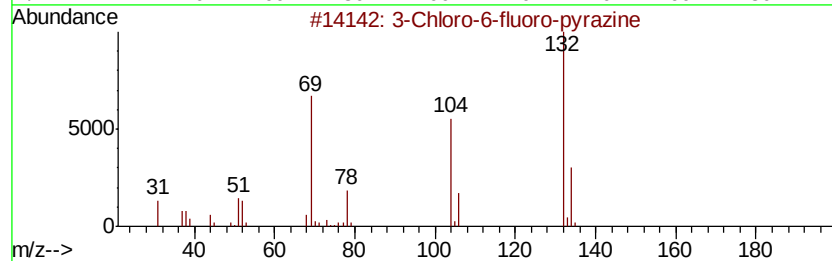
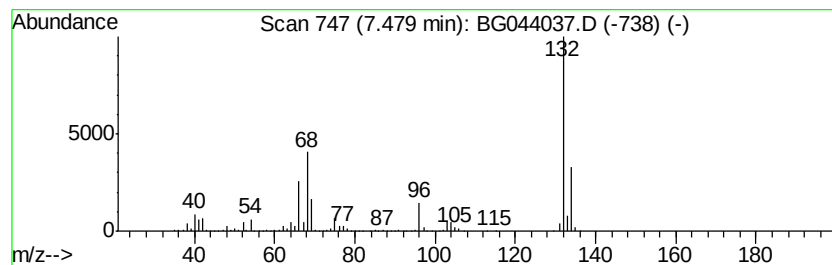
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Peak Number 4 unknown7.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	51.88 ng	1938410	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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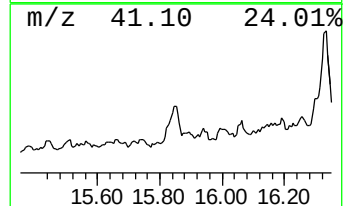
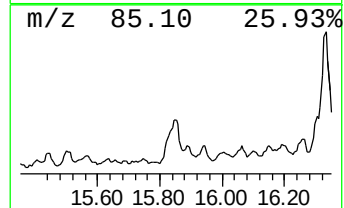
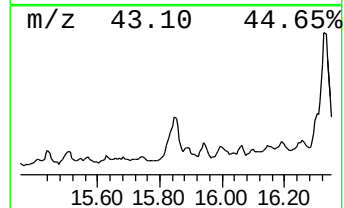
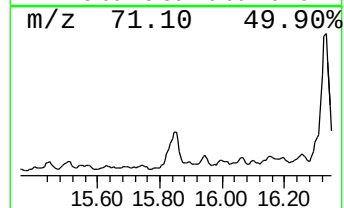
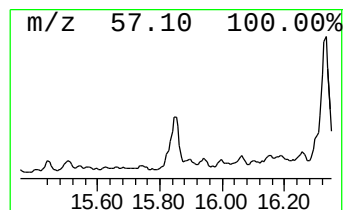
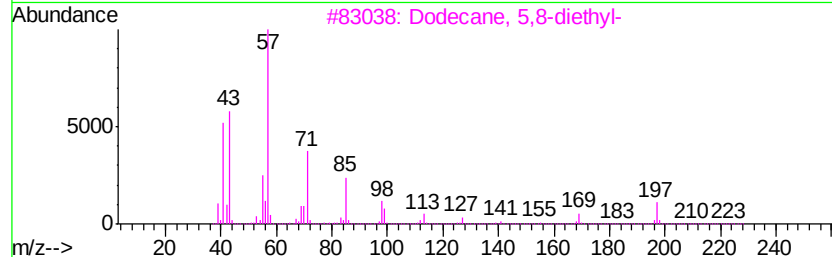
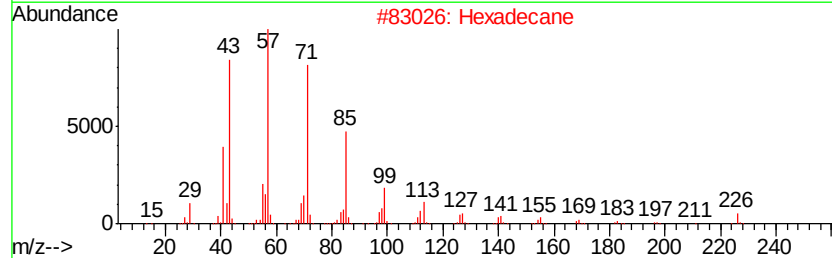
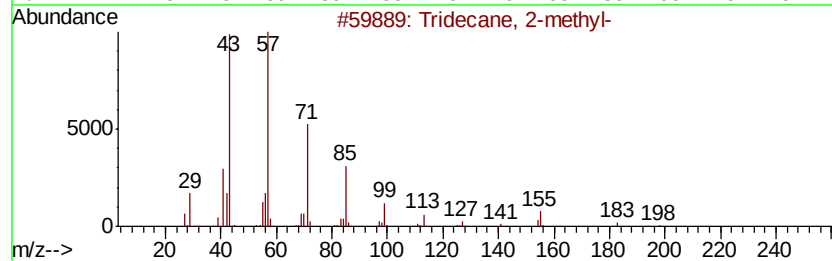
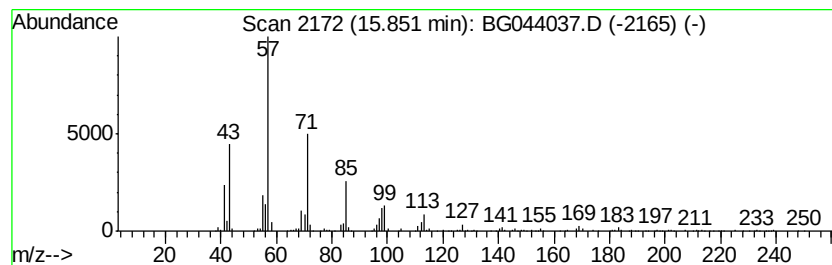
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Tridecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.85	6.34 ng	467978	Acenaphthene-d10		14.58
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	78
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	74
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74



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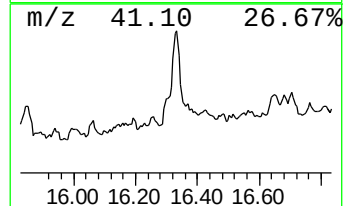
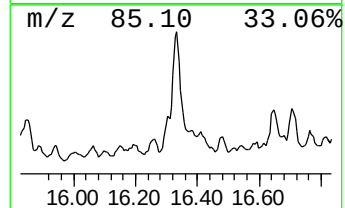
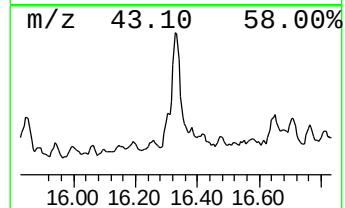
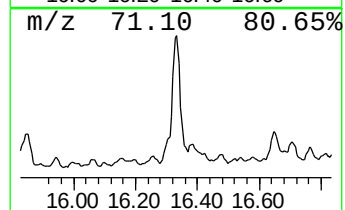
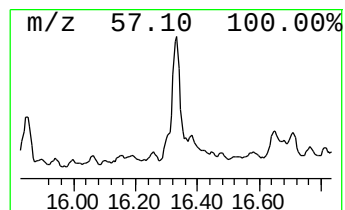
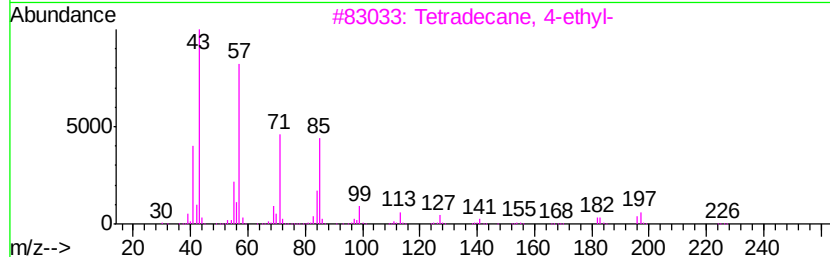
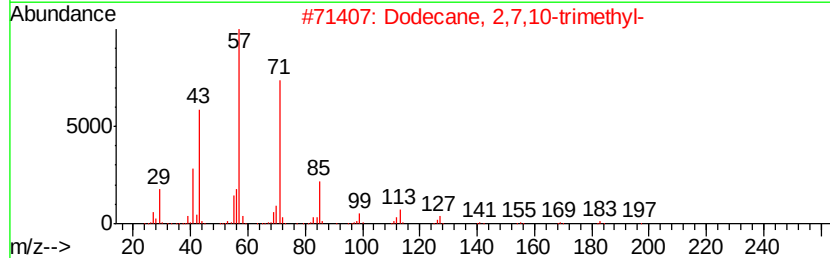
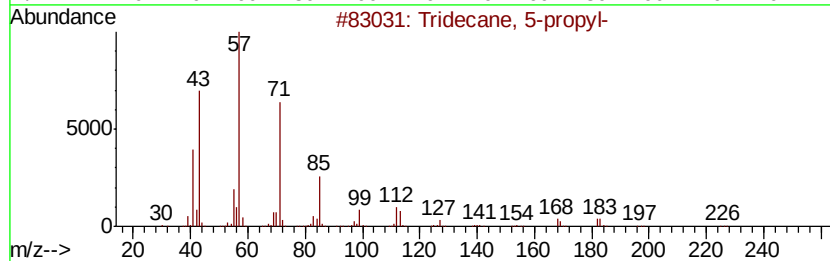
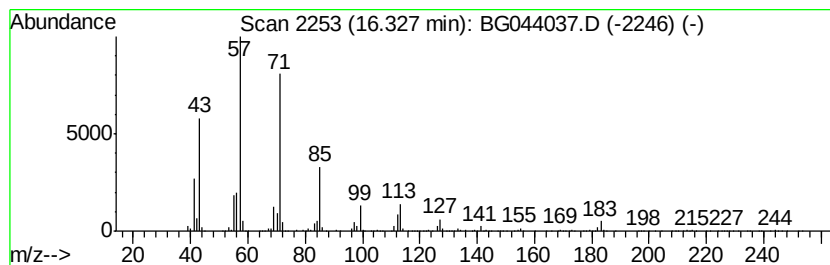
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	19.11 ng	1339800	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044037.D
Acq On : 14 Jan 2020 15:28
Operator : JU
Sample : L1111-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

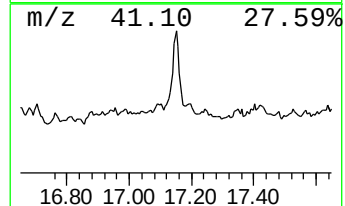
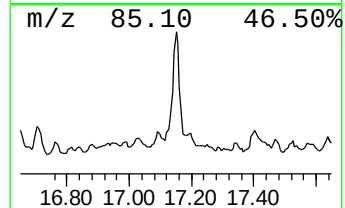
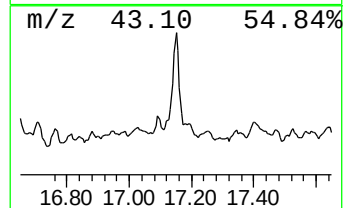
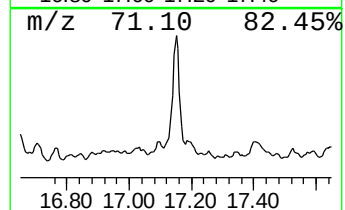
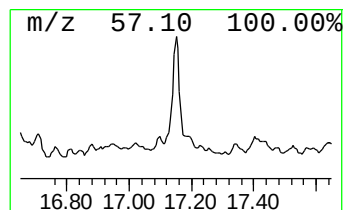
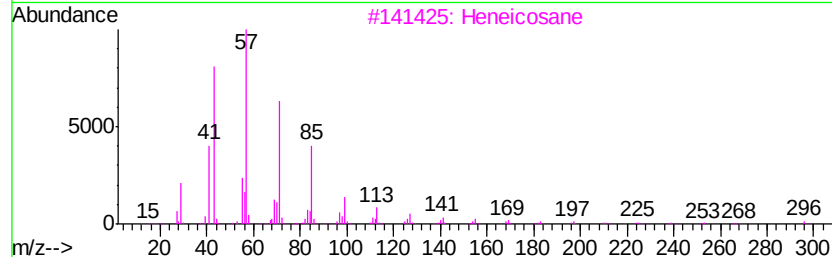
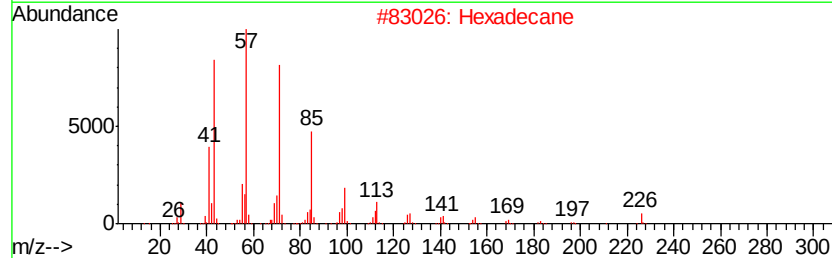
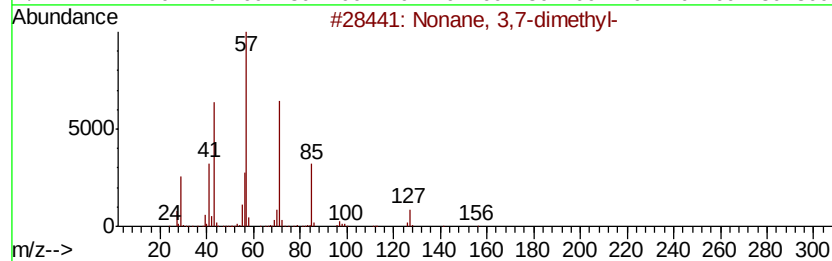
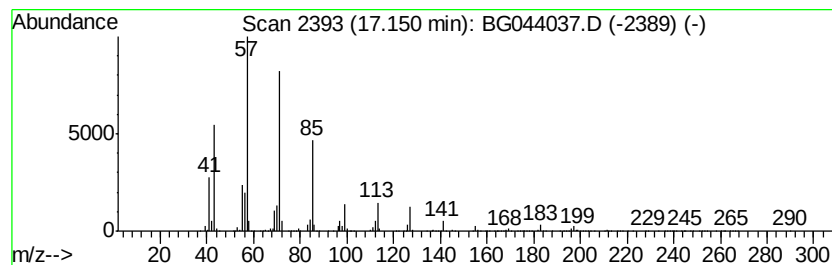
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	11.97 ng	839276	Phenanthrene-d10	17.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Heneicosane	296	C21H44	000629-94-7	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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ALS Vial : 6 Sample Multiplier: 1

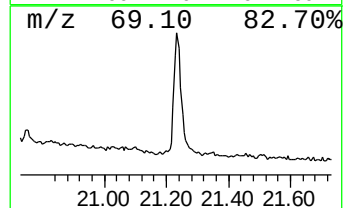
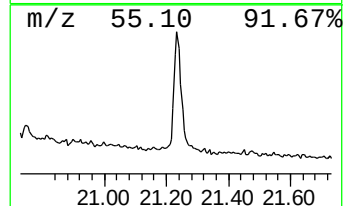
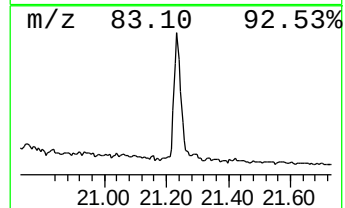
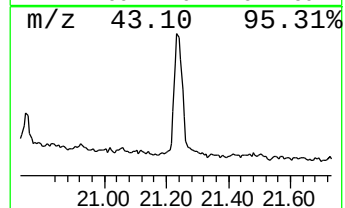
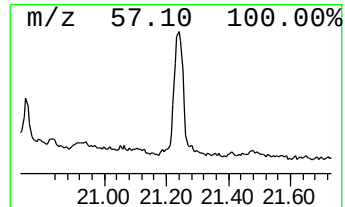
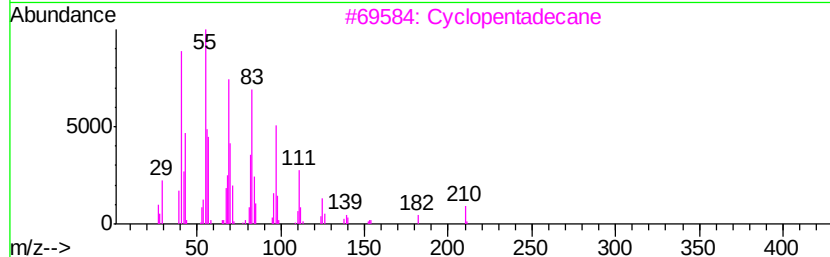
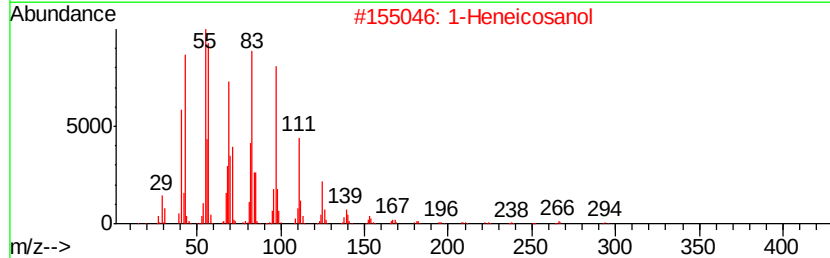
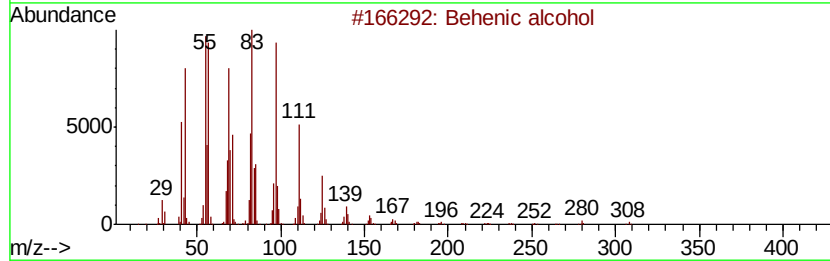
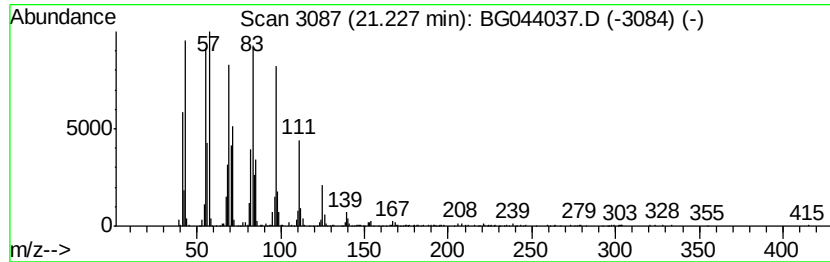
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ClientSampleId :
OUTSIDE-BRICK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.23	10.09 ng	808256	Chrysene-d12	21.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044037.D
Acq On : 14 Jan 2020 15:28
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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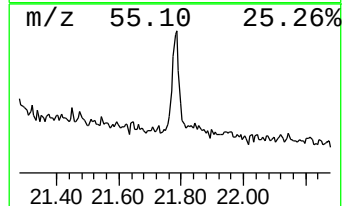
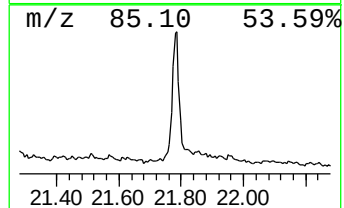
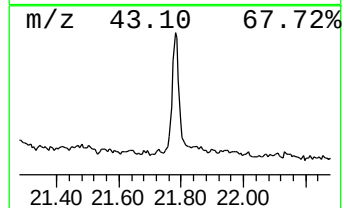
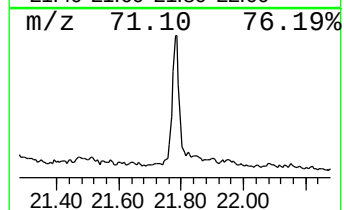
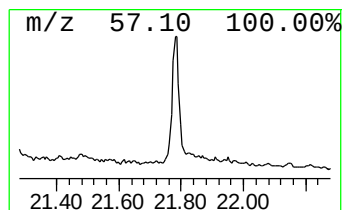
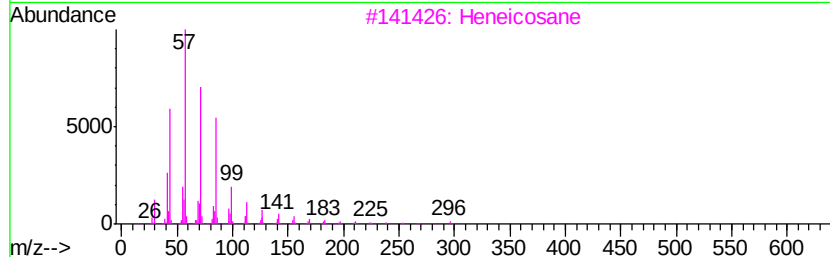
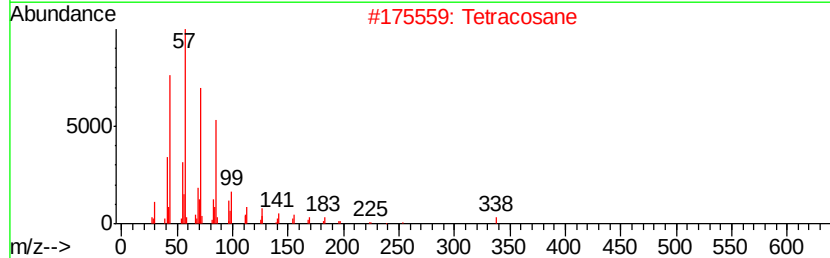
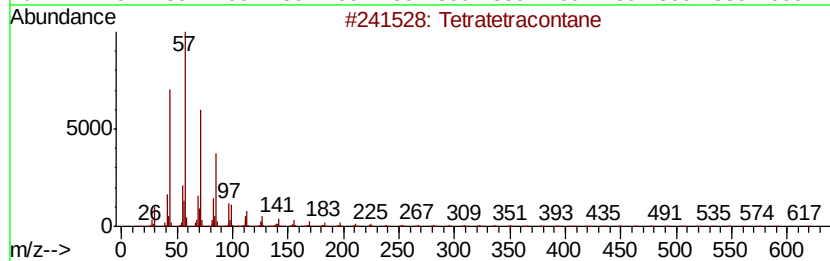
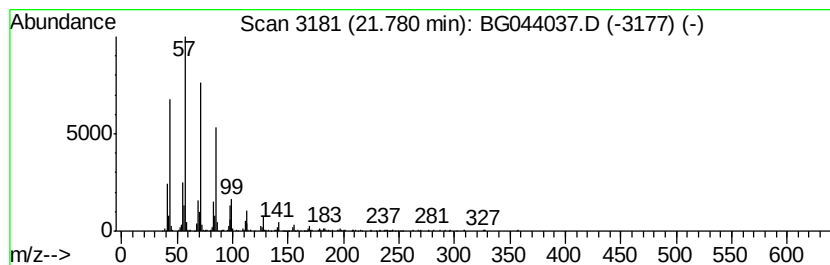
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	4.52 ng	362156	Chrysene-d12	21.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044037.D
Acq On : 14 Jan 2020 15:28
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Misc :
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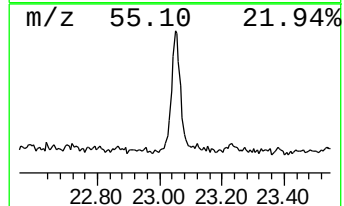
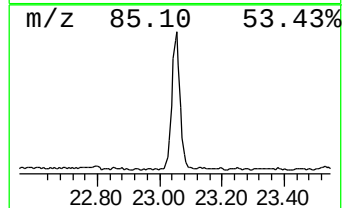
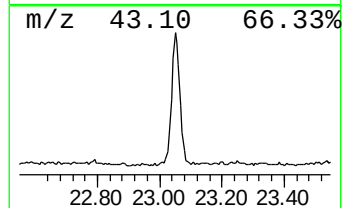
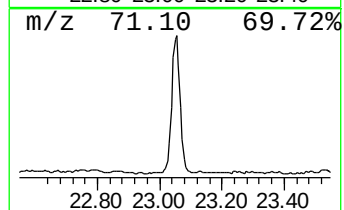
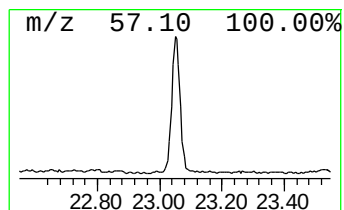
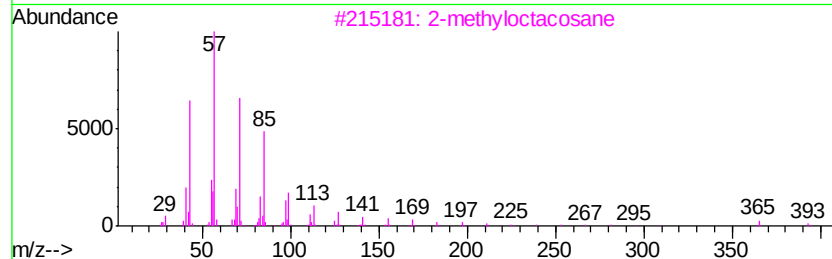
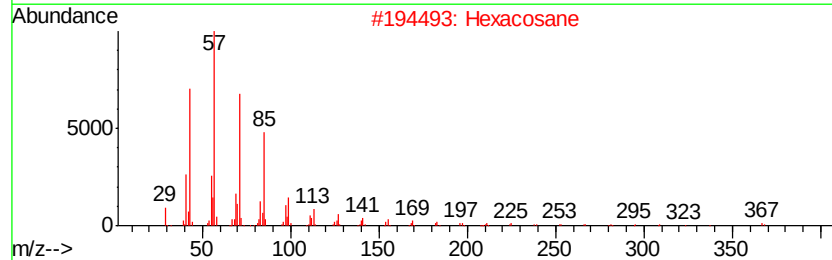
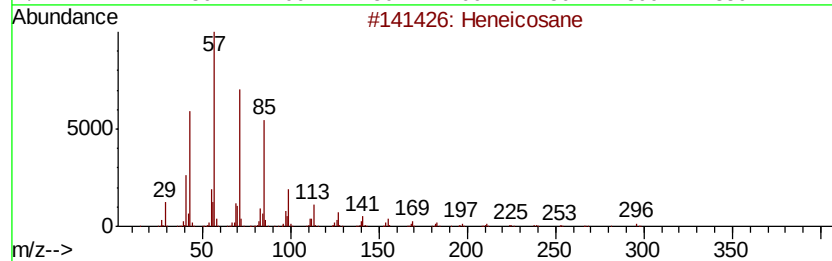
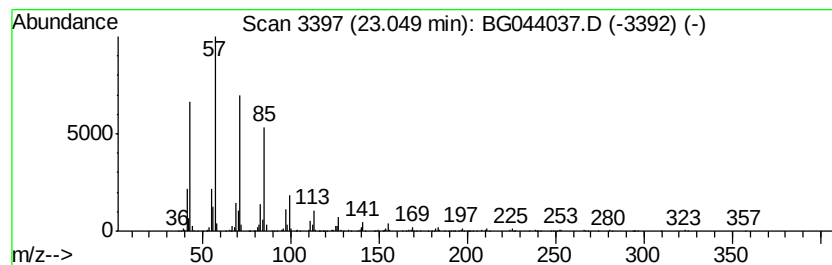
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.05	9.67 ng	774628	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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Misc :
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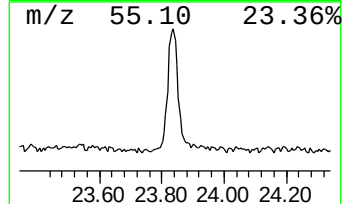
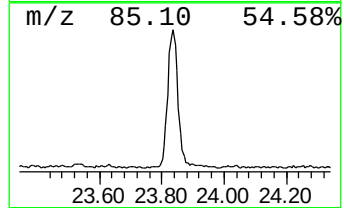
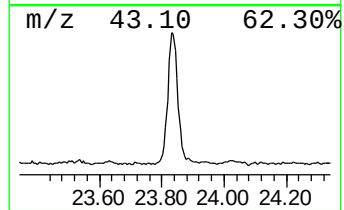
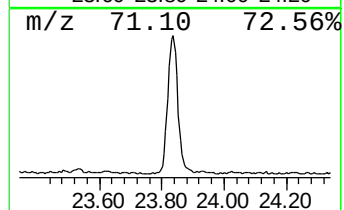
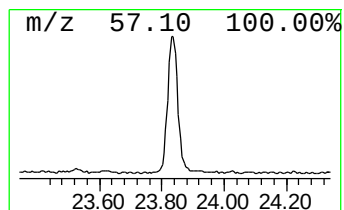
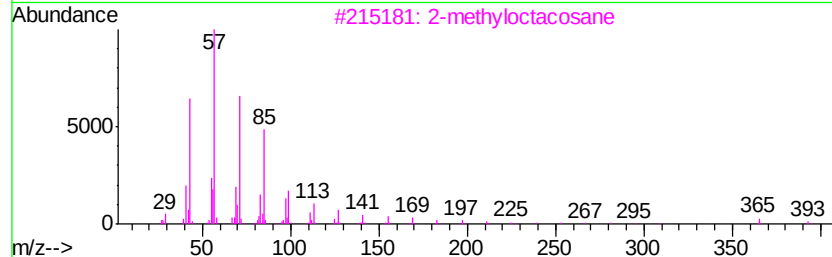
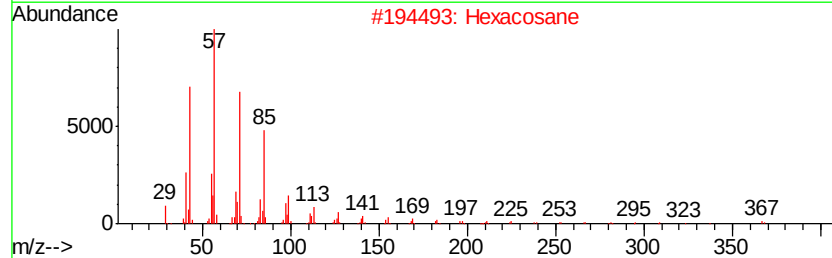
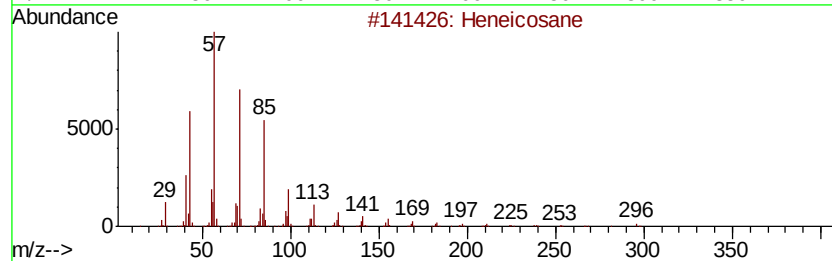
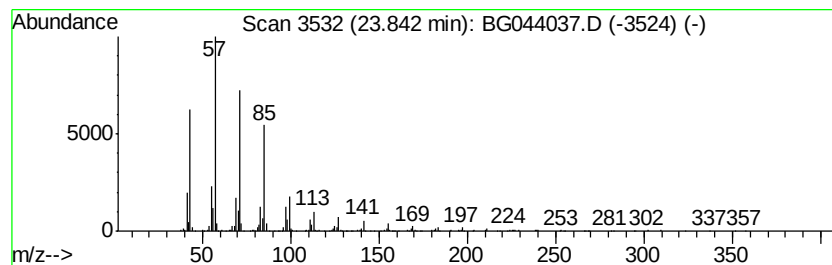
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.84	9.88 ng	836782	Perylene-d12		24.69
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexacosane	366	C26H54	000630-01-3	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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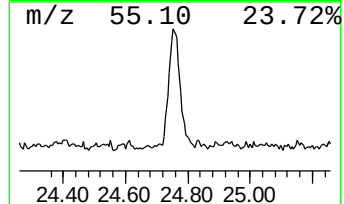
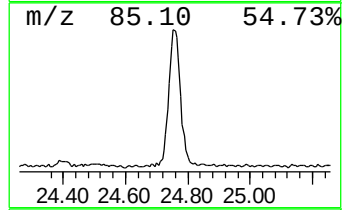
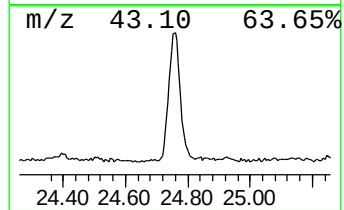
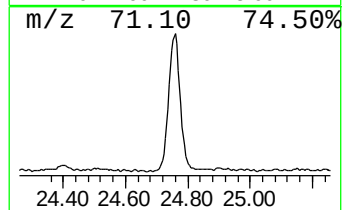
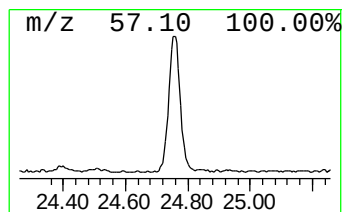
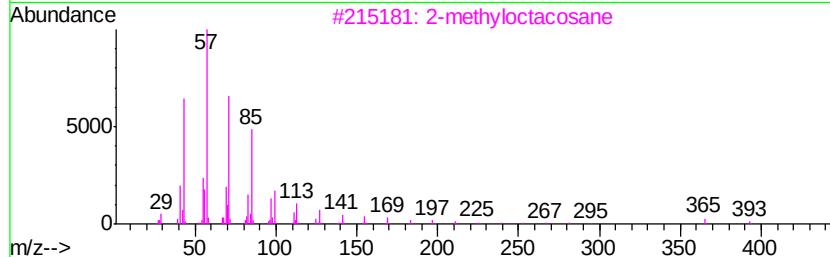
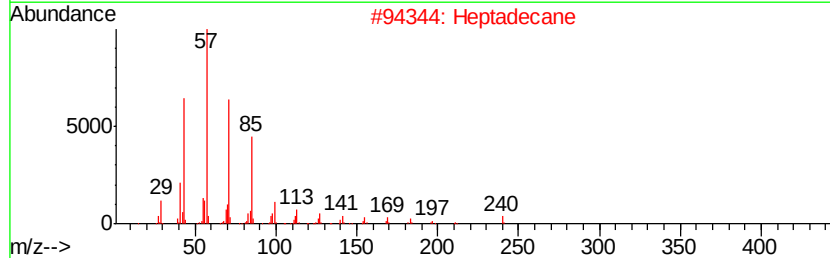
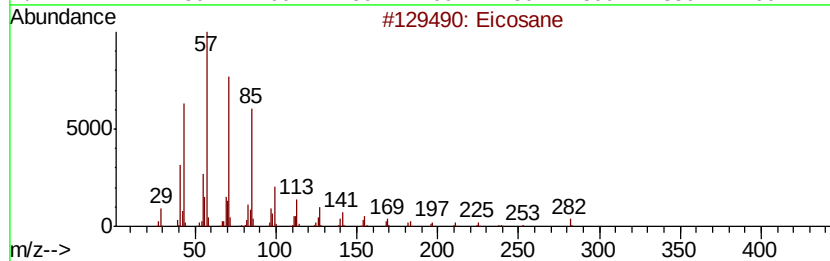
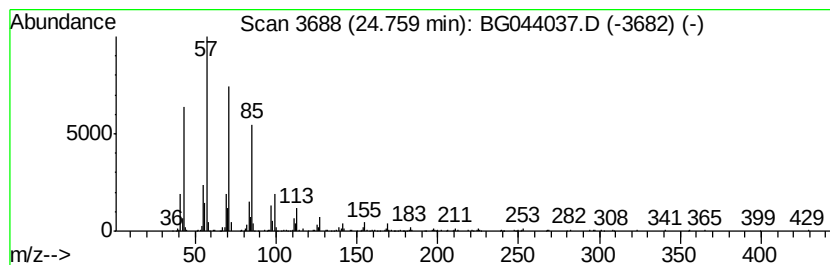
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
24.76	8.92 ng	755463	Perylene-d12		24.69		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Heptadecane			240	C17H36	000629-78-7	94
3	2-methyloctacosane			408	C29H60	1000376-72-8	91
4	Heneicosane			296	C21H44	000629-94-7	91
5	Tetracosane			338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044037.D
Acq On : 14 Jan 2020 15:28
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ClientSampleId :
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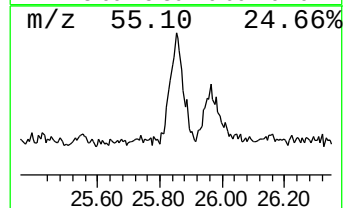
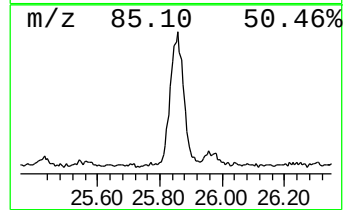
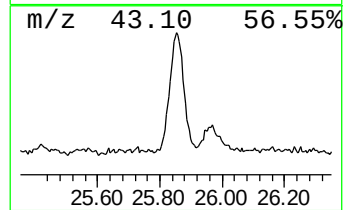
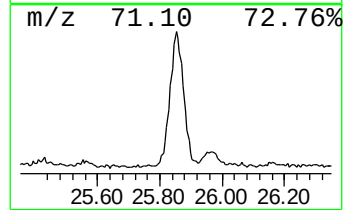
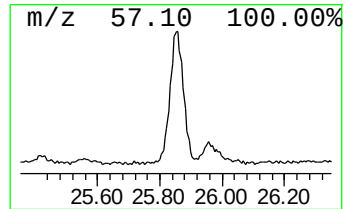
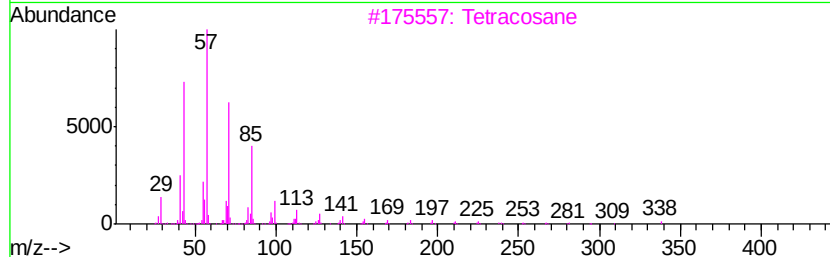
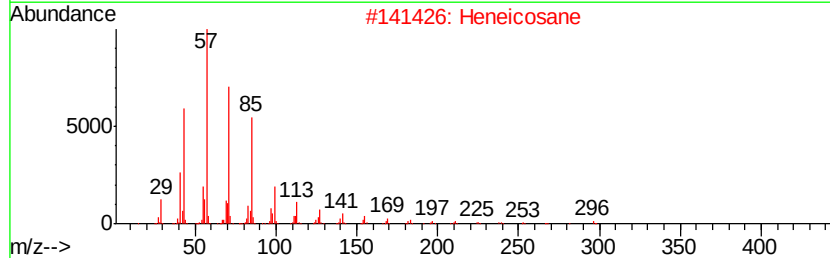
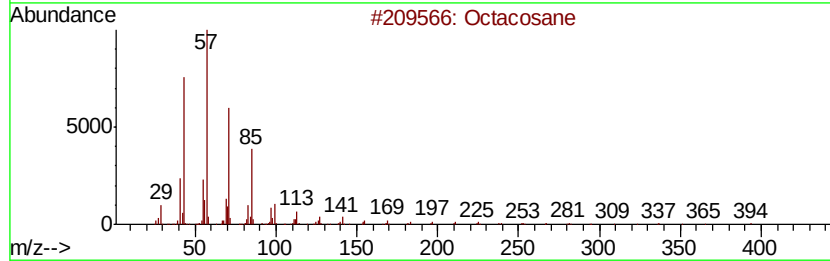
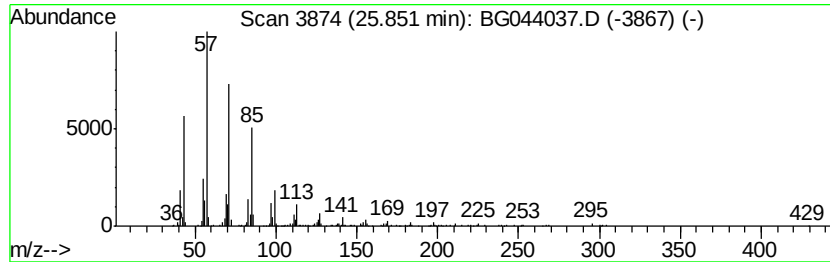
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	6.45 ng	546597	Perylene-d12	24.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011420\
 Data File : BG044037.D
 Acq On : 14 Jan 2020 15:28
 Operator : JU
 Sample : L1111-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-BRICK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
Butane, 2-methoxy...	3.13	12.3	ng	459808	1	7.95	747201	20.0
3-Penten-2-one, 4...	4.45	51.7	ng	1930220	1	7.95	747201	20.0
2-Pentanone, 4-hy...	5.07	227.9	ng	8515090	1	7.95	747201	20.0
unknown7.48	7.48	51.9	ng	1938410	1	7.95	747201	20.0
Tridecane, 2-methyl-	15.85	6.3	ng	467978	3	14.58	1475130	20.0
Tridecane, 5-propyl-	16.33	19.1	ng	1339800	4	17.32	1402060	20.0
Nonane, 3,7-dimet...	17.15	12.0	ng	839276	4	17.32	1402060	20.0
Behenic alcohol	21.23	10.1	ng	808256	5	21.57	1602600	20.0
Tetratetracontane	21.78	4.5	ng	362156	5	21.57	1602600	20.0
Hexacosane	23.05	9.7	ng	774628	5	21.57	1602600	20.0
Heneicosane	23.84	9.9	ng	836782	6	24.69	1694170	20.0
Eicosane	24.76	8.9	ng	755463	6	24.69	1694170	20.0
Octacosane	25.85	6.5	ng	546597	6	24.69	1694170	20.0