

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039634.D
 Acq On : 27 Feb 2019 14:40
 Operator : JU/SJ
 Sample : K1594-34
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6(9-10)

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-BG012919.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	3.222	17	23	32	rBV	87611	186353	4.74%	0.810%
2	3.293	32	35	41	rVB	57180	77942	1.98%	0.339%
3	5.713	439	447	460	rBV	1032909	1654103	42.11%	7.189%
4	7.311	710	719	734	rBV	1040727	1884330	47.98%	8.189%
5	7.693	776	784	792	rBV	990946	1727931	43.99%	7.509%
6	8.168	858	865	877	rVB	184189	323739	8.24%	1.407%
7	8.492	911	920	934	rVB	716647	1256367	31.99%	5.460%
8	9.343	1056	1065	1078	rBV	619596	1100463	28.02%	4.783%
9	10.988	1337	1345	1353	rBV	258714	456129	11.61%	1.982%
10	13.414	1749	1758	1767	rBV	1657997	2531841	64.46%	11.003%
11	14.231	1890	1897	1904	rBV	91656	135519	3.45%	0.589%
12	14.789	1985	1992	2002	rBV2	423938	682757	17.38%	2.967%
13	16.275	2238	2245	2261	rBV	1474583	2262495	57.60%	9.833%
14	17.532	2453	2459	2472	rBV	603898	931992	23.73%	4.050%
15	18.384	2599	2604	2616	rBV2	94590	159524	4.06%	0.693%
16	20.129	2894	2901	2907	rBV	2952294	3927671	100.00%	17.069%
17	20.892	3027	3031	3035	rBV2	32477	41333	1.05%	0.180%
18	21.415	3115	3120	3132	rBV2	99466	222816	5.67%	0.968%
19	21.668	3158	3163	3168	rVB	119912	170889	4.35%	0.743%
20	21.821	3182	3189	3198	rBV2	615198	1052187	26.79%	4.573%
21	21.973	3210	3215	3219	rBV	62768	86054	2.19%	0.374%
22	22.596	3316	3321	3327	rBV2	82356	140196	3.57%	0.609%
23	23.319	3437	3444	3452	rBV	105768	200433	5.10%	0.871%
24	23.524	3471	3479	3486	rBV	64896	129024	3.29%	0.561%
25	24.159	3579	3587	3595	rVB2	88960	193522	4.93%	0.841%
26	25.204	3746	3765	3777	rBV4	330651	1218124	31.01%	5.294%
27	26.338	3946	3958	3968	rBV3	49307	164329	4.18%	0.714%
28	27.754	4192	4199	4213	rVB7	24522	92083	2.34%	0.400%

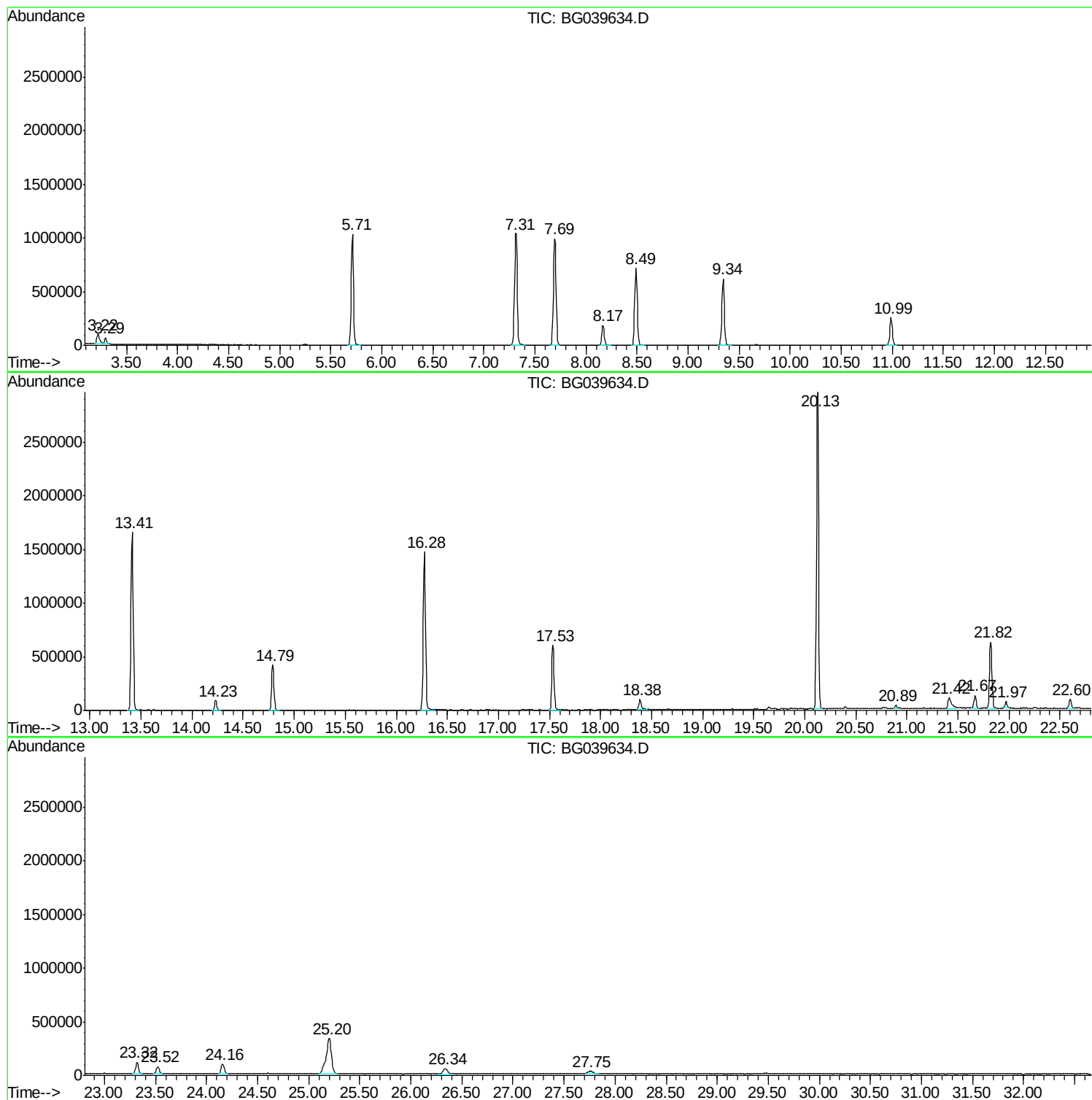
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ClientSampleId :
B-6(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.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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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
B-6(9-10)

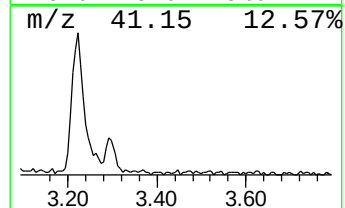
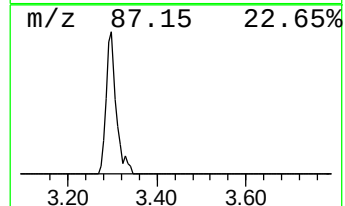
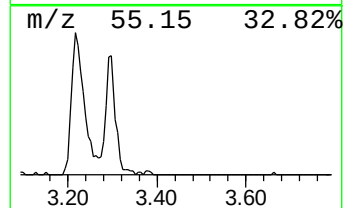
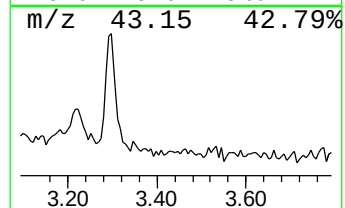
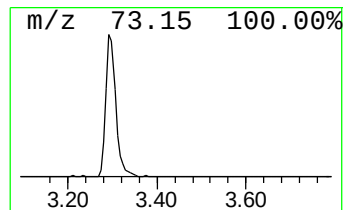
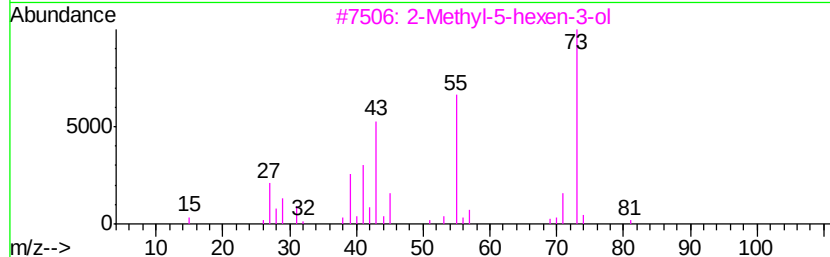
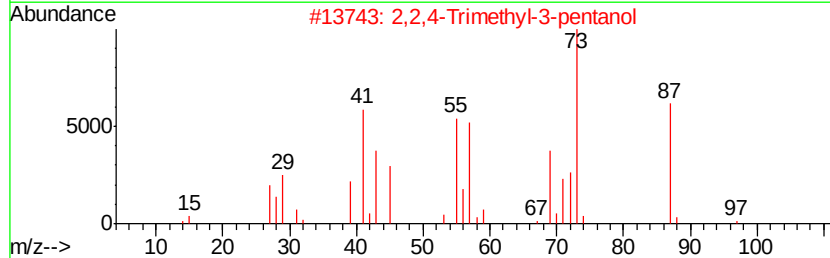
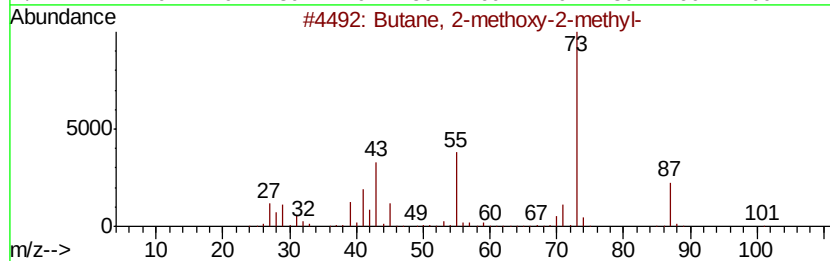
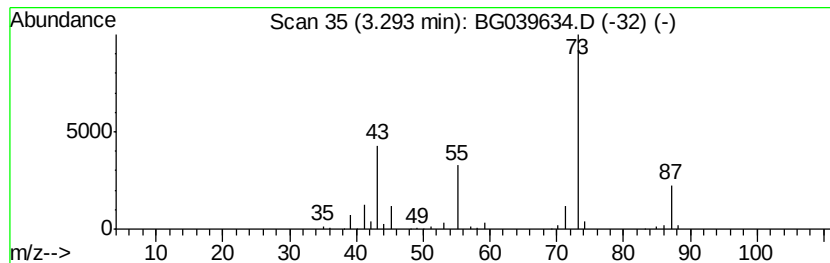
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.82 ng	77942	1,4-Dichlorobenzene-d4	8.17

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	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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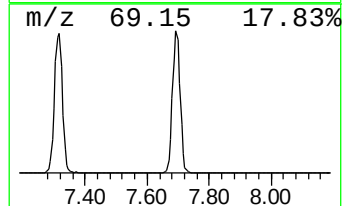
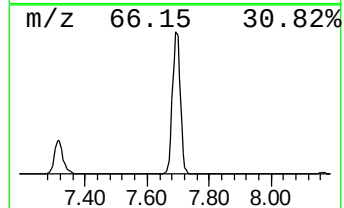
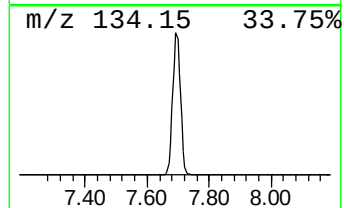
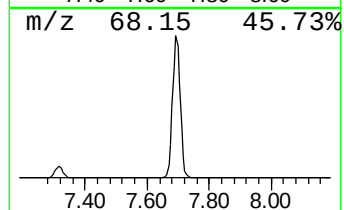
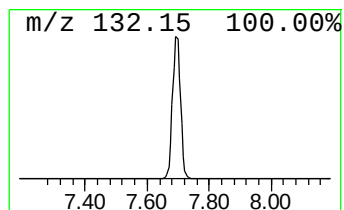
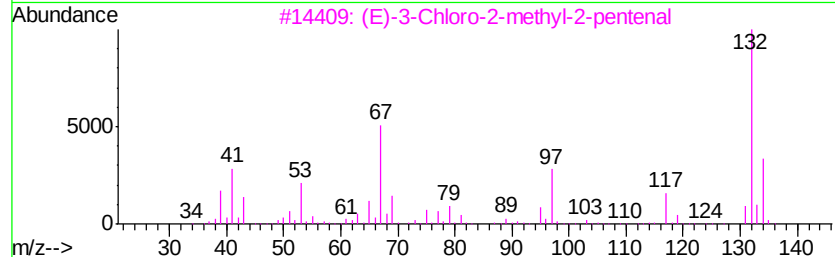
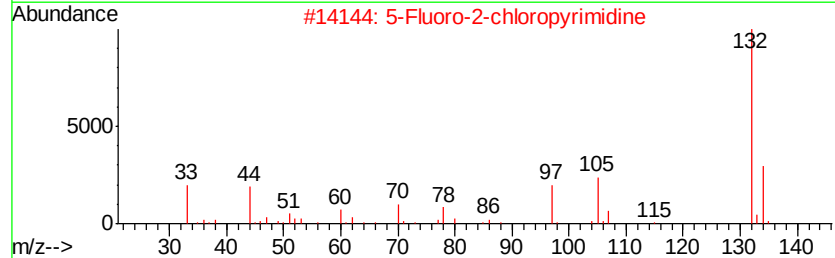
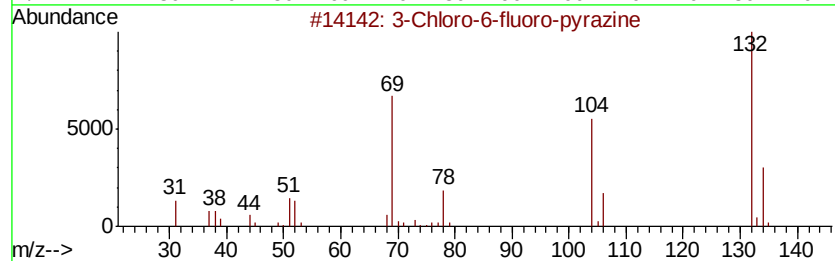
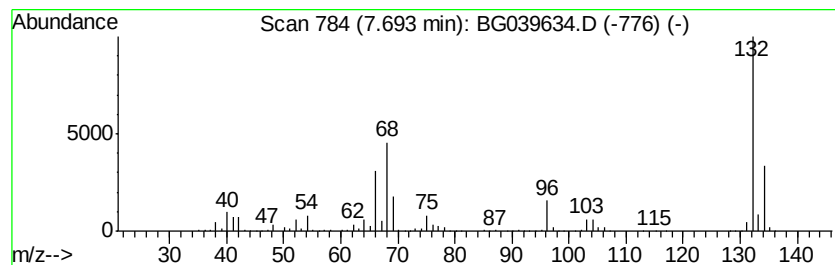
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	106.75 ng	1727930	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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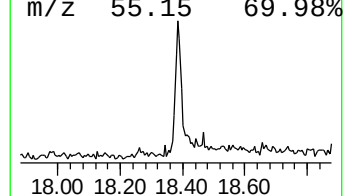
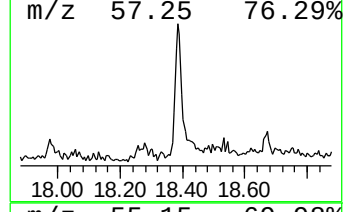
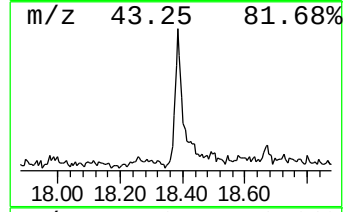
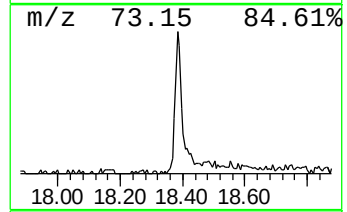
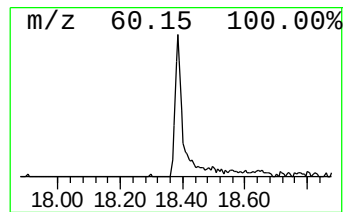
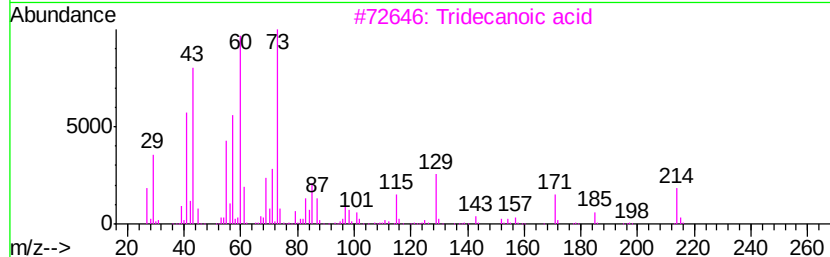
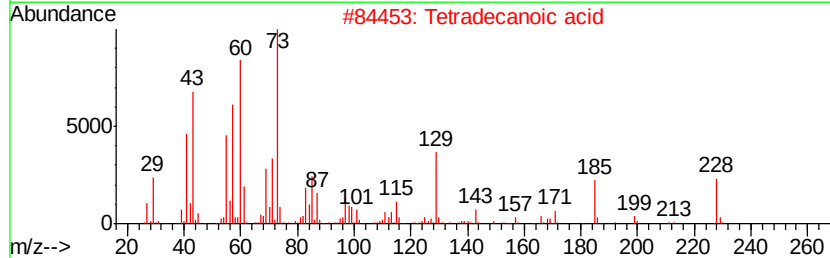
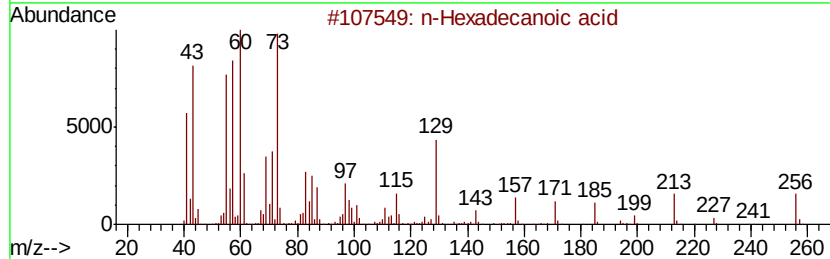
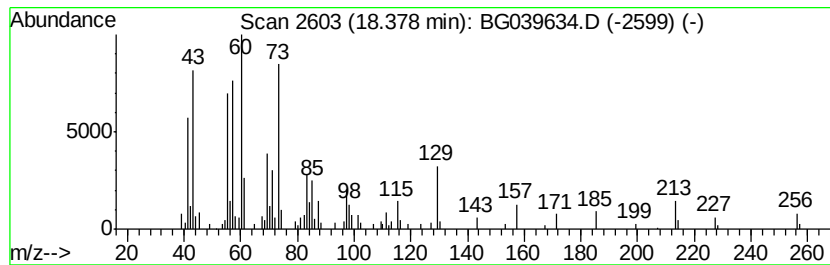
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.42 ng	159524	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	59
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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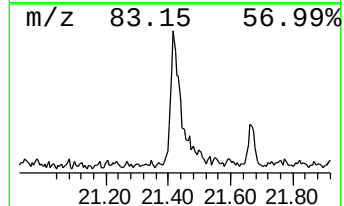
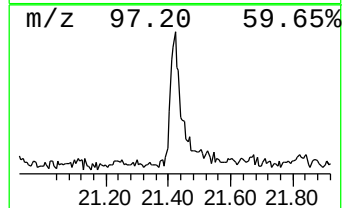
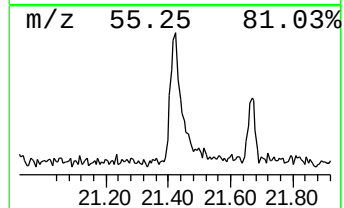
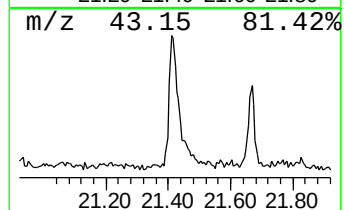
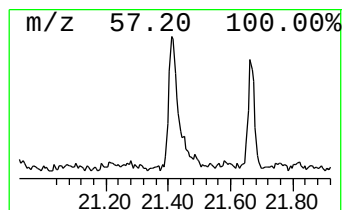
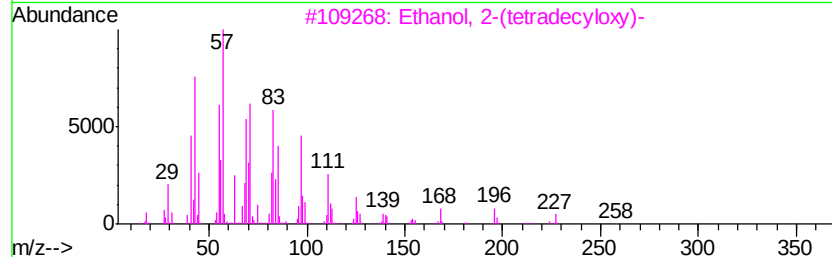
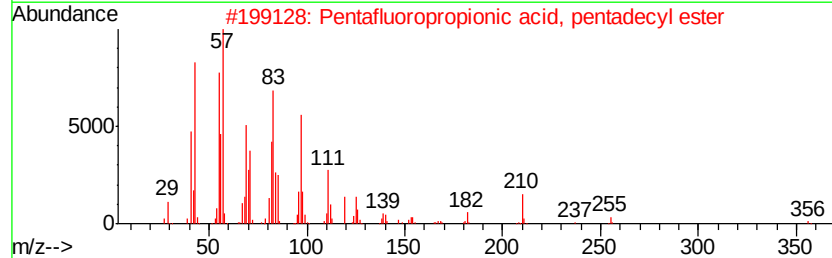
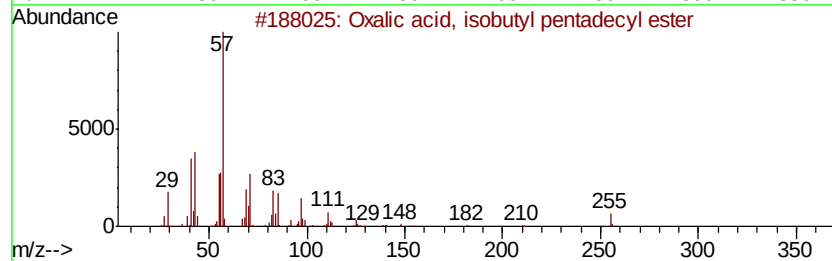
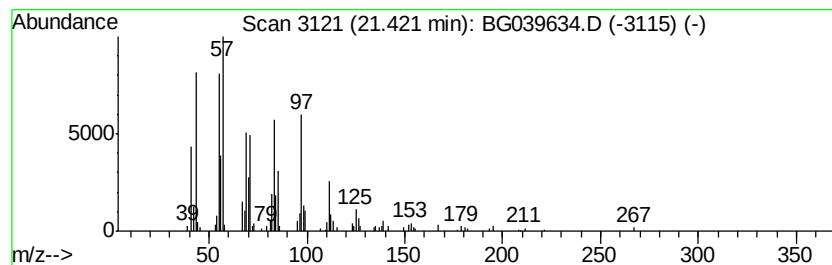
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Peak Number 6 Oxalic acid, isobutyl penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.42	4.24 ng	222816	Chrysene-d12	21.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	74
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	72
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
5	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	64



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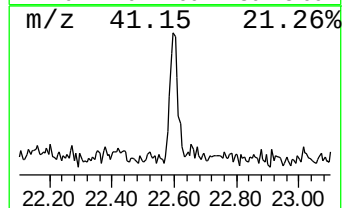
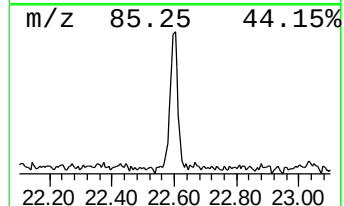
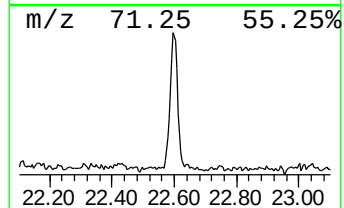
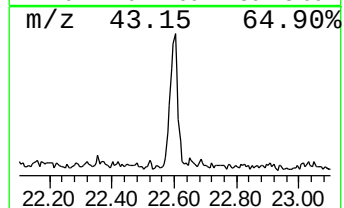
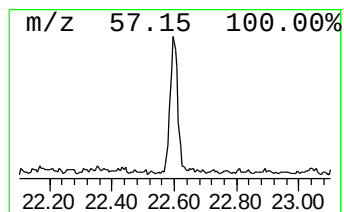
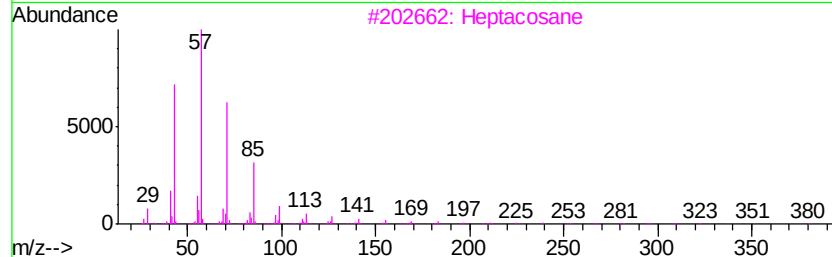
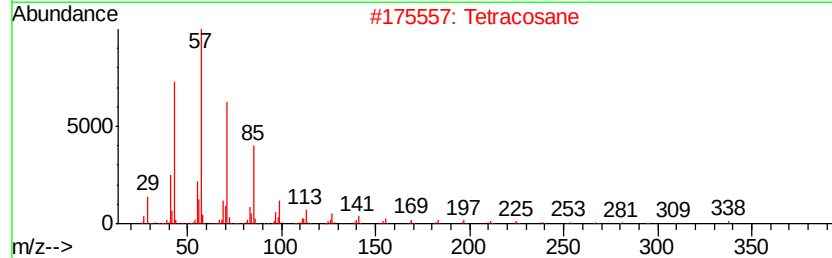
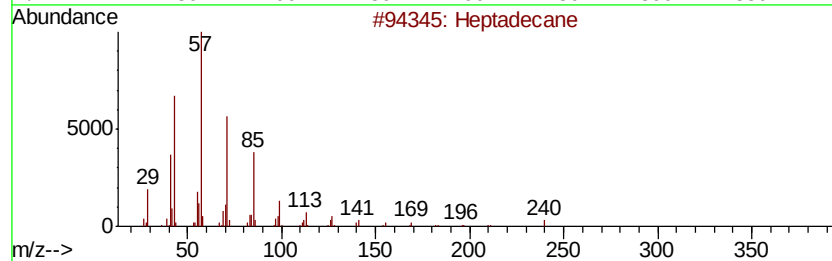
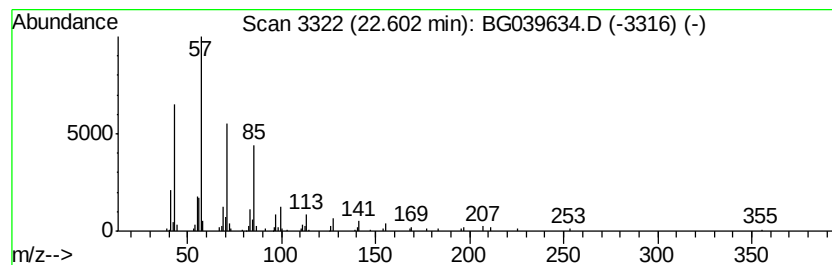
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Peak Number 7 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.66 ng	140196	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Tetracosane	338	C24H50	000646-31-1	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Octadecane	254	C18H38	000593-45-3	74



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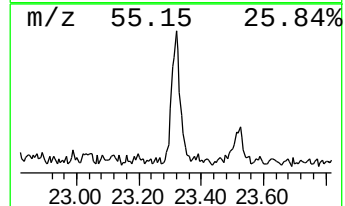
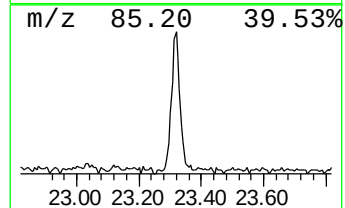
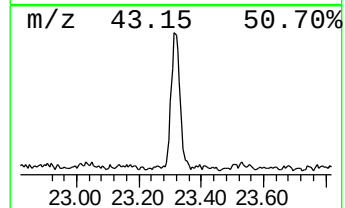
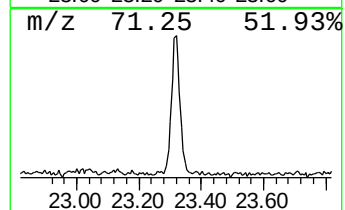
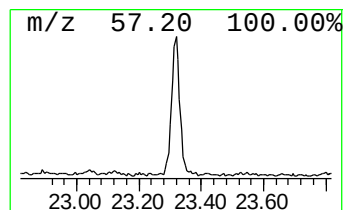
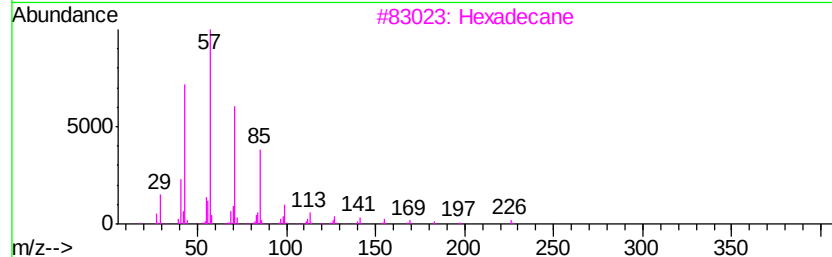
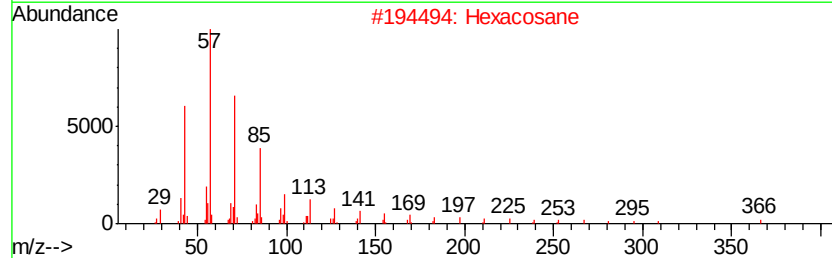
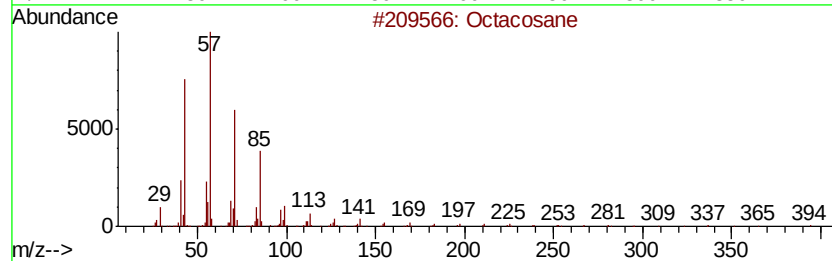
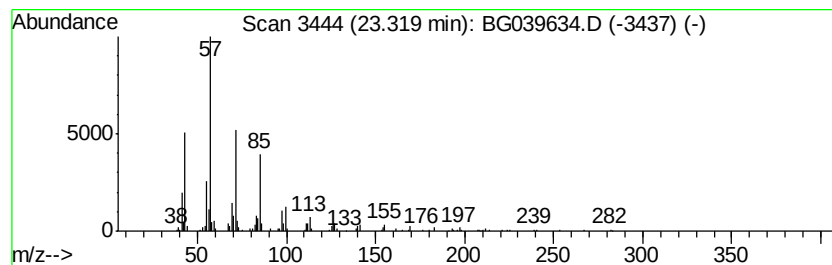
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	3.81 ng	200433	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039634.D
Acq On : 27 Feb 2019 14:40
Operator : JU/SJ
Sample : K1594-34
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-6(9-10)

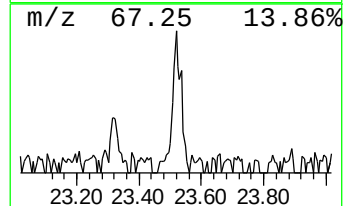
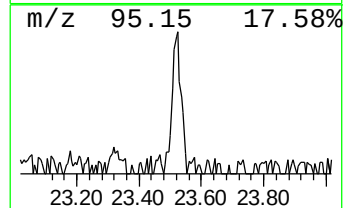
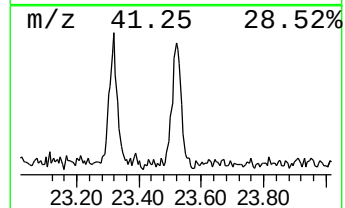
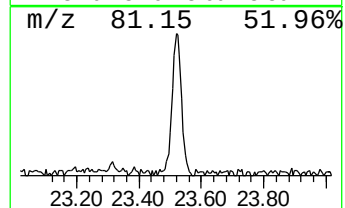
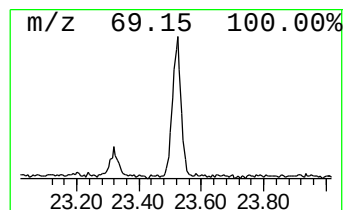
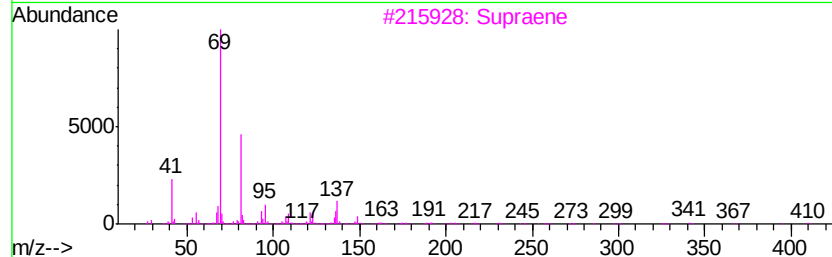
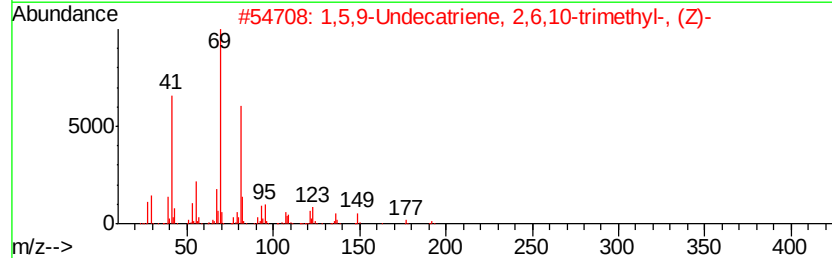
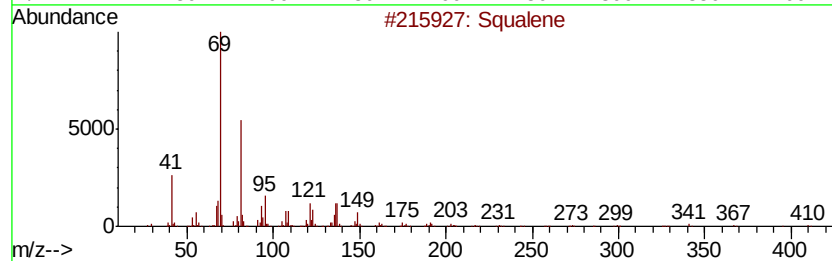
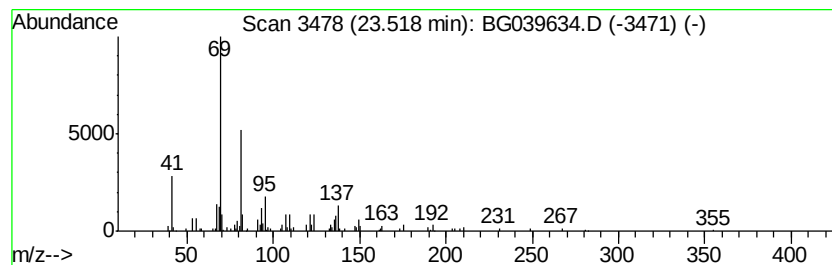
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.12 ng	129024	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
3		Supraene	410	C30H50	007683-64-9	72
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	000762-29-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039634.D
Acq On : 27 Feb 2019 14:40
Operator : JU/SJ
Sample : K1594-34
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-6(9-10)

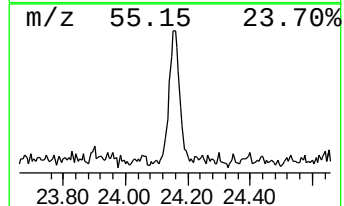
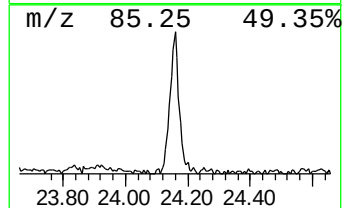
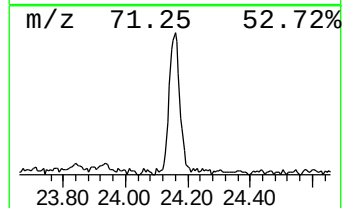
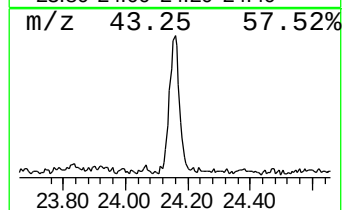
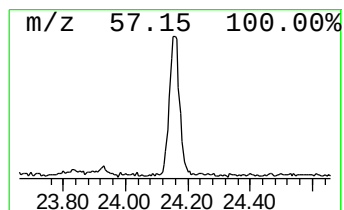
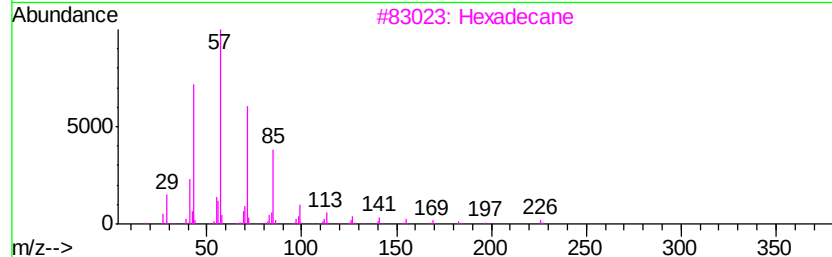
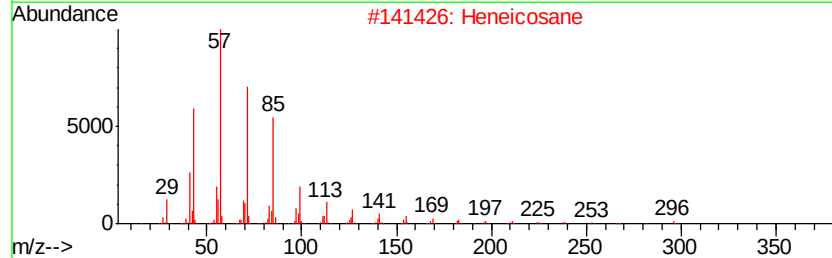
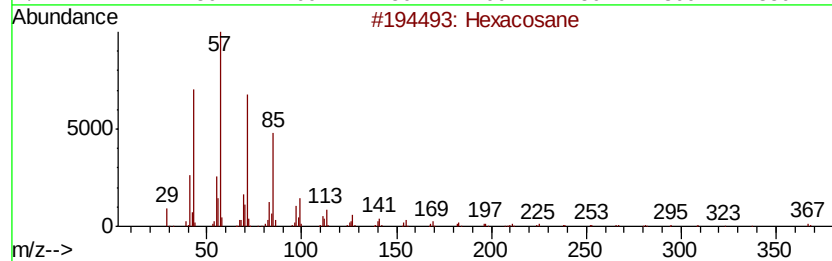
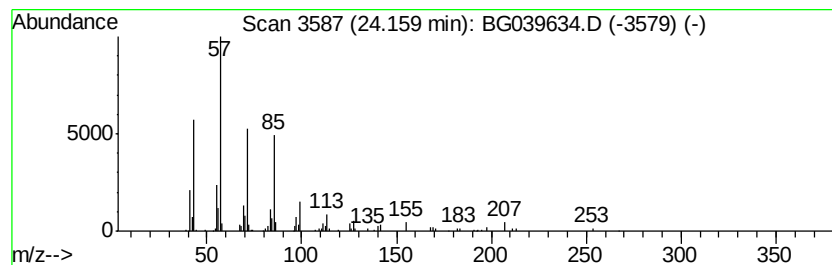
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.18 ng	193522	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexadecane	226	C16H34	000544-76-3	80
4		Octacosane	394	C28H58	000630-02-4	70
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039634.D
Acq On : 27 Feb 2019 14:40
Operator : JU/SJ
Sample : K1594-34
Misc :
ALS Vial : 6 Sample Multiplier: 1

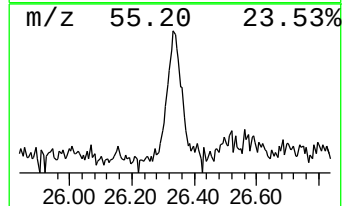
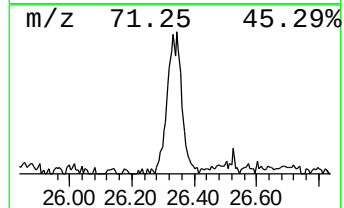
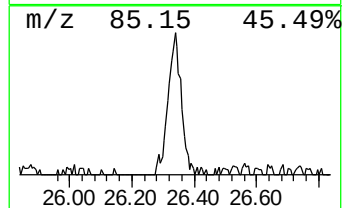
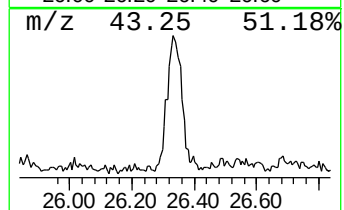
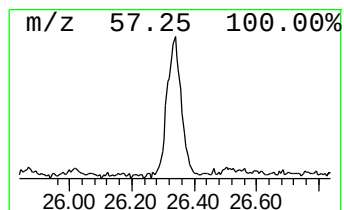
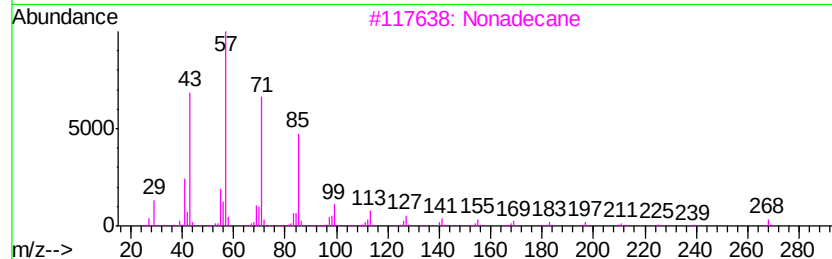
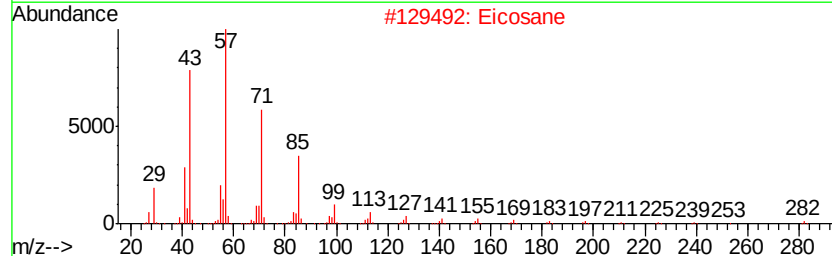
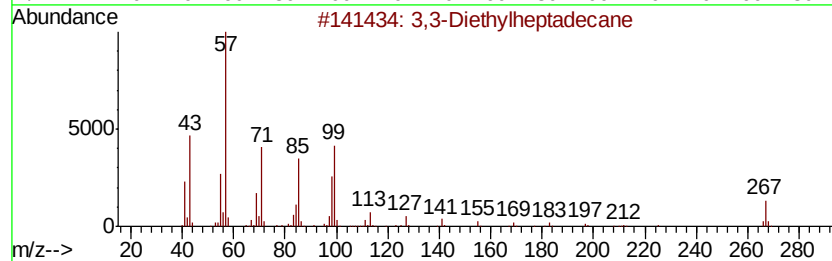
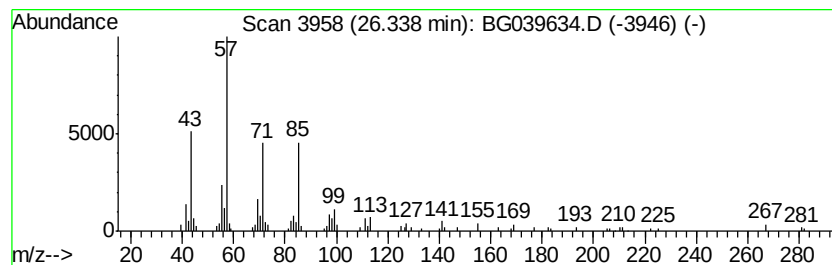
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3,3-Diethylheptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.34	2.70 ng	164329	Perylene-d12	25.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Diethylheptadecane	296	C21H44	1000360-41-6	64
2	Eicosane	282	C20H42	000112-95-8	64
3	Nonadecane	268	C19H40	000629-92-5	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tetracosane	338	C24H50	000646-31-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
Data File : BG039634.D
Acq On : 27 Feb 2019 14:40
Operator : JU/SJ
Sample : K1594-34
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-6(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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unknown7.69	7.69	106.8	ng	1727930	1	8.17	323739	20.0
n-Hexadecanoic acid	18.38	3.4	ng	159524	4	17.53	931992	20.0
Oxalic acid, isob...	21.42	4.2	ng	222816	5	21.82	1052190	20.0
Heptadecane	22.60	2.7	ng	140196	5	21.82	1052190	20.0
Octacosane	23.32	3.8	ng	200433	5	21.82	1052190	20.0
Squalene	23.52	2.1	ng	129024	6	25.20	1218120	20.0
Hexacosane	24.16	3.2	ng	193522	6	25.20	1218120	20.0
3,3-Diethylheptad...	26.34	2.7	ng	164329	6	25.20	1218120	20.0