

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043466.D
 Acq On : 1 Nov 2019 15:23
 Operator : JU
 Sample : K5602-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

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-BG102119.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	3.183	11	16	26	rVB	91032	143736	3.11%	1.025%
2	5.140	339	349	354	rBV	2400485	4628843	100.00%	33.002%
3	7.196	693	699	711	rVB	113325	228526	4.94%	1.629%
4	7.308	711	718	728	rVB	28450	54716	1.18%	0.390%
5	7.555	754	760	769	rBV	59222	107482	2.32%	0.766%
6	8.013	831	838	846	rBV	131552	236321	5.11%	1.685%
7	8.336	885	893	905	rBV	301465	535676	11.57%	3.819%
8	9.176	1027	1036	1050	rBV	182880	395809	8.55%	2.822%
9	10.815	1308	1315	1330	rBV	156560	321932	6.95%	2.295%
10	13.265	1725	1732	1741	rBV	565828	935089	20.20%	6.667%
11	14.088	1862	1872	1879	rBV	82121	145415	3.14%	1.037%
12	14.640	1954	1966	1974	rBV2	319154	520223	11.24%	3.709%
13	15.269	2056	2073	2075	rBV2	14642	49637	1.07%	0.354%
14	17.384	2427	2433	2438	rBV	399671	626935	13.54%	4.470%
15	19.441	2778	2783	2789	rBV	59487	91452	1.98%	0.652%
16	19.799	2840	2844	2853	rVB2	59190	113875	2.46%	0.812%
17	19.993	2871	2877	2887	rBV	1285520	1777662	38.40%	12.674%
18	21.297	3094	3099	3110	rBV5	69383	145503	3.14%	1.037%
19	21.532	3135	3139	3144	rVB	30135	47396	1.02%	0.338%
20	21.650	3152	3159	3165	rBV2	459912	878498	18.98%	6.263%
21	22.437	3291	3293	3300	rVB5	38205	61428	1.33%	0.438%
22	23.125	3405	3410	3417	rVB2	51954	93953	2.03%	0.670%
23	23.835	3521	3531	3533	rBV4	32092	79599	1.72%	0.568%
24	23.918	3540	3545	3555	rVB3	75601	169124	3.65%	1.206%
25	24.329	3607	3615	3622	rVB6	31459	80338	1.74%	0.573%
26	24.541	3647	3651	3661	rVB4	21061	48592	1.05%	0.346%
27	24.846	3693	3703	3716	rBV2	328137	969748	20.95%	6.914%
28	25.592	3821	3830	3843	rVB5	49423	161617	3.49%	1.152%
29	25.974	3888	3895	3904	rVB2	37698	108529	2.34%	0.774%
30	27.179	4091	4100	4112	rVB6	49769	190723	4.12%	1.360%
31	29.182	4433	4441	4442	rBV6	38774	77577	1.68%	0.553%

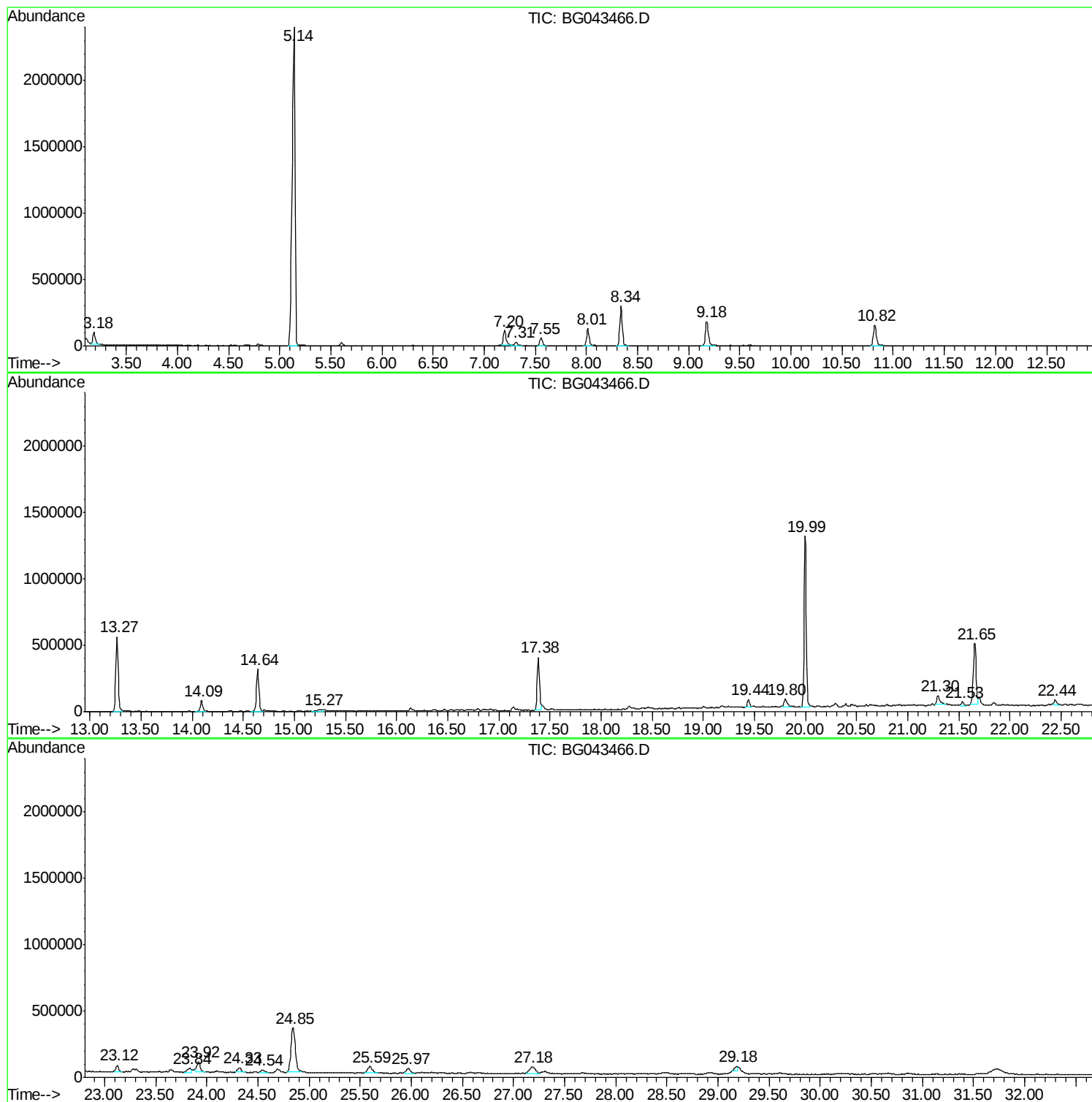
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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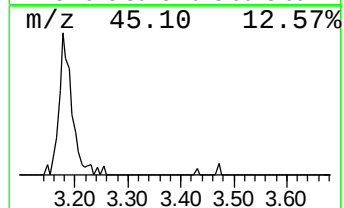
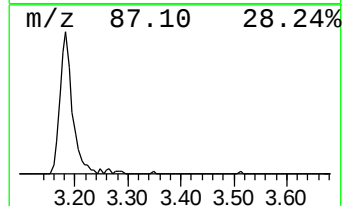
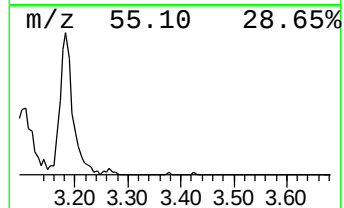
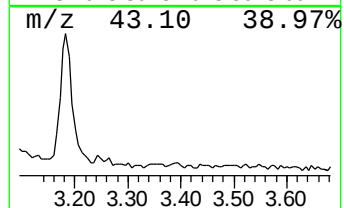
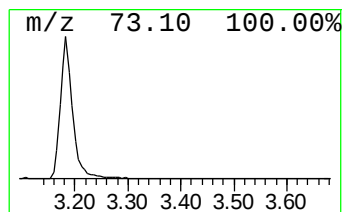
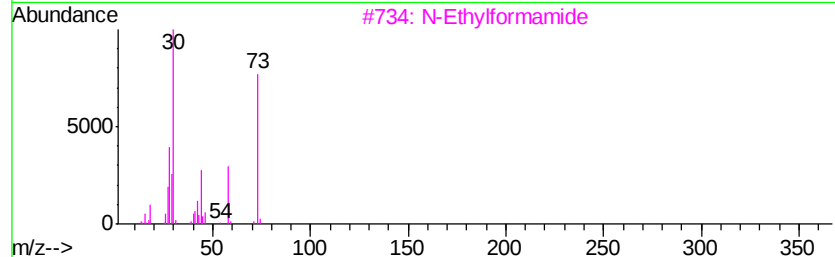
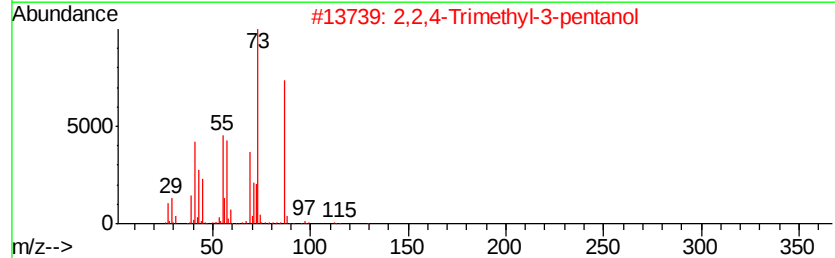
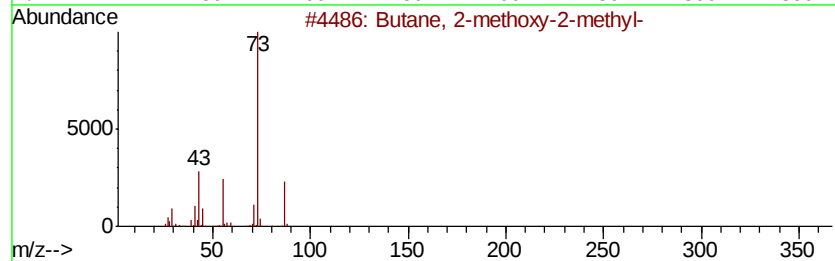
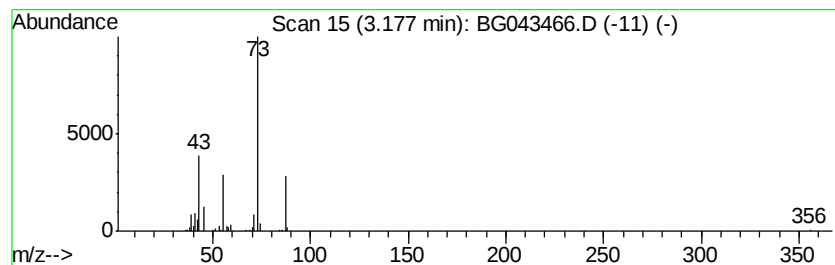
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	12.16 ng	143736	1,4-Dichlorobenzene-d4	8.01

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		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9



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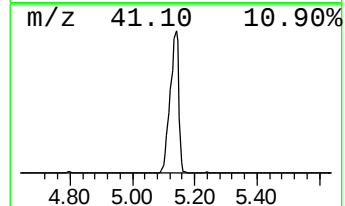
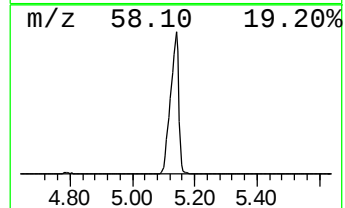
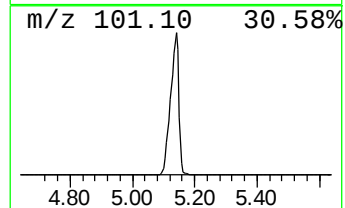
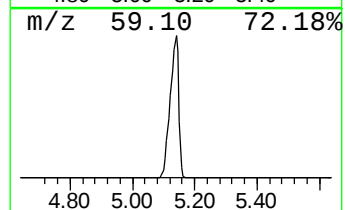
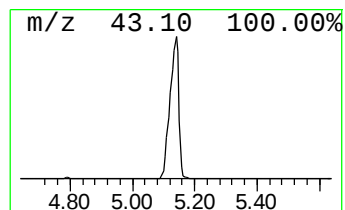
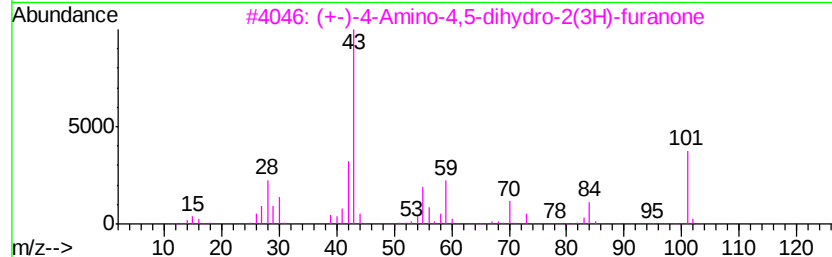
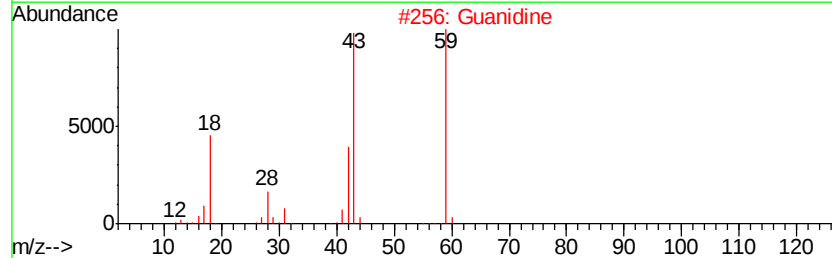
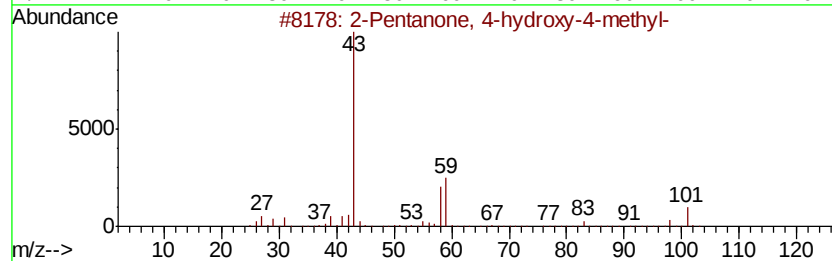
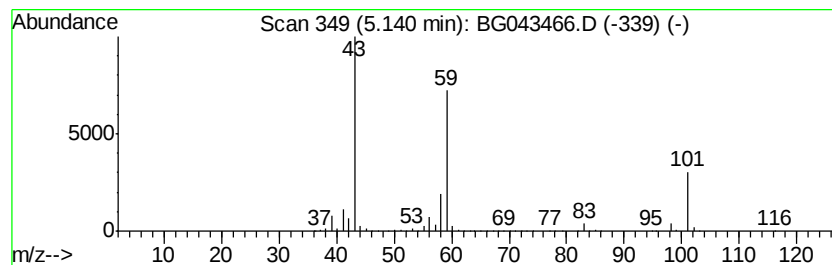
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Peak Number 2 unknown5.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	391.74 ng	4628840	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		Guanidine	59	CH5N3	000113-00-8	38
3		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	37
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	16



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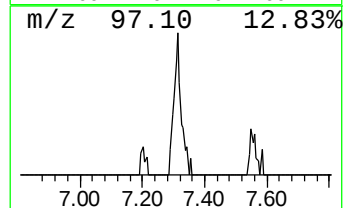
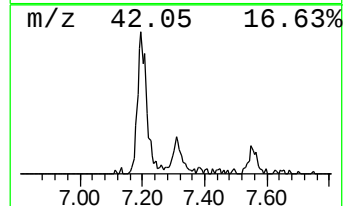
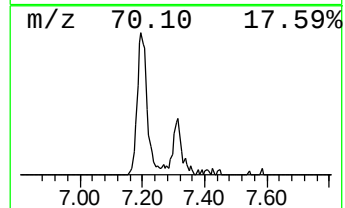
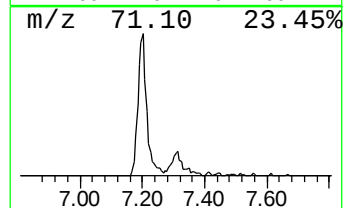
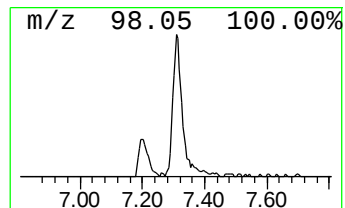
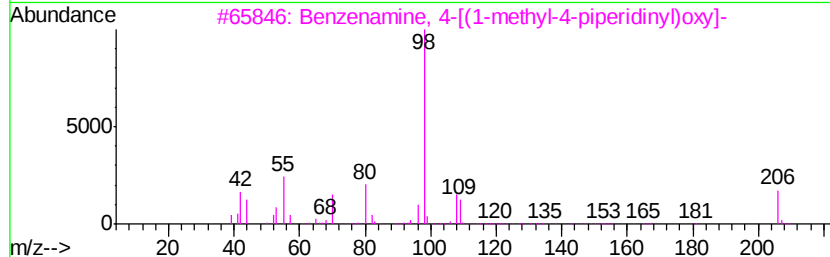
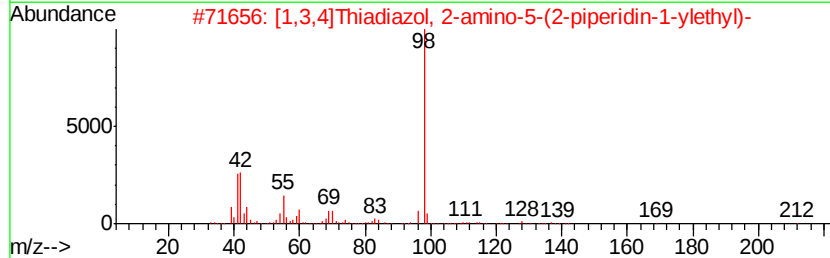
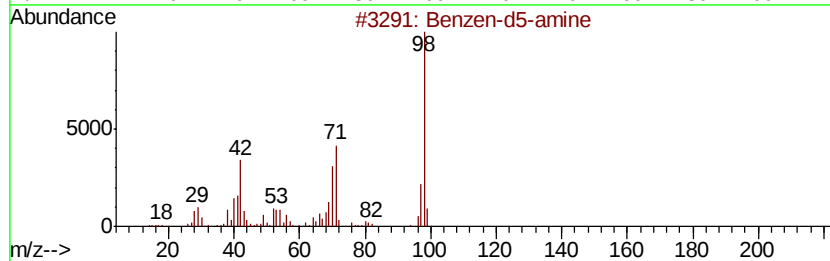
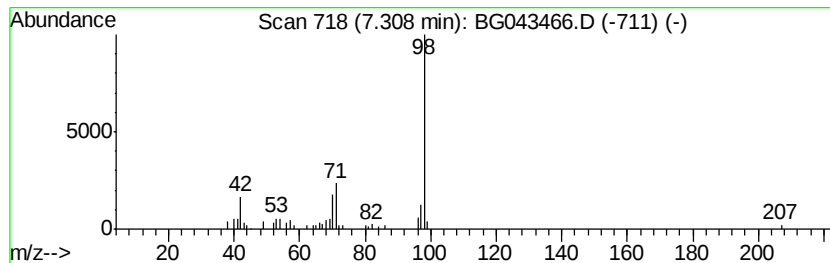
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Benzen-d5-amine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	4.63 ng	54716	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzen-d5-amine	98	C6H2D5N	004165-61-1	80
2			[1,3,4]Thiadiazol, 2-amino-5-(2-...	212	C9H16N4S	1000303-12-6	42
3			Benzenamine, 4-[(1-methyl-4-pipe...	206	C12H18N2O	1000362-56-1	42
4			1,3-Cyclopentanedione	98	C5H6O2	003859-41-4	42
5			1H-Tetrazaborole, 4,5-dihydro-1,...	98	C2H7BN4	006982-51-0	38



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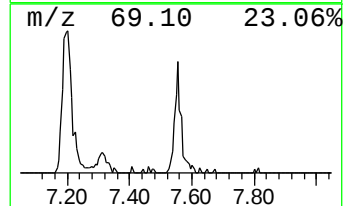
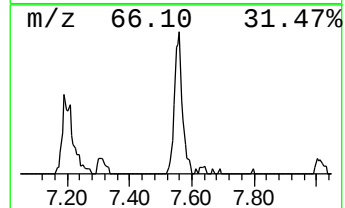
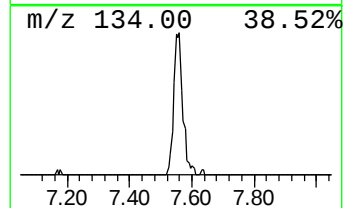
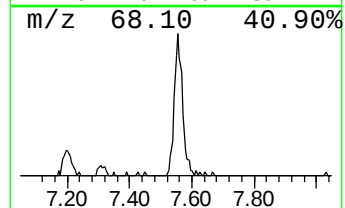
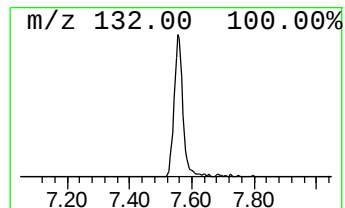
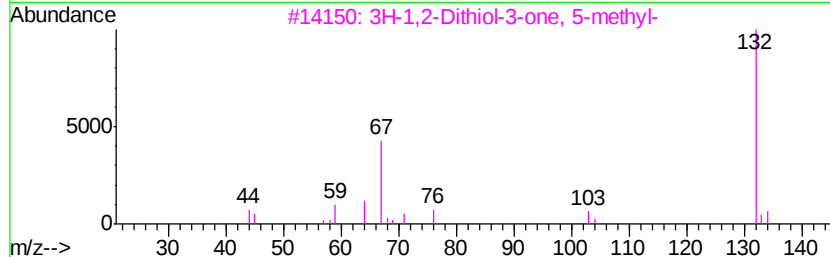
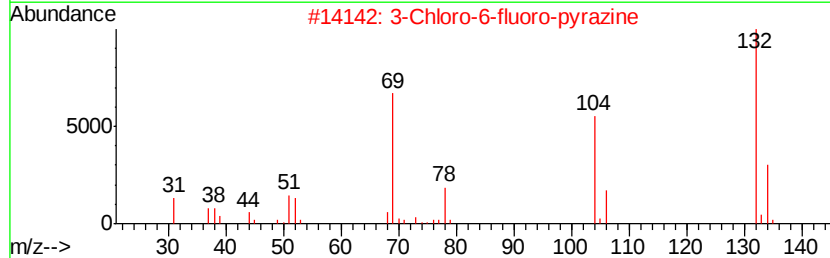
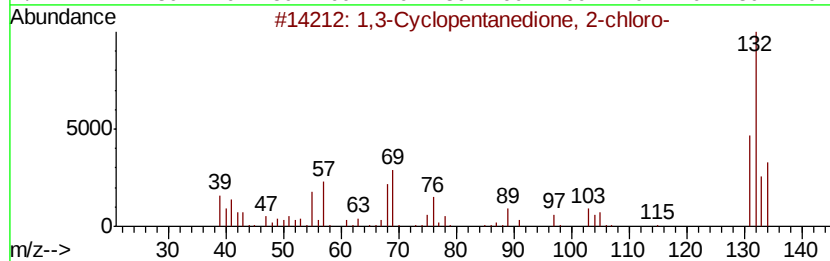
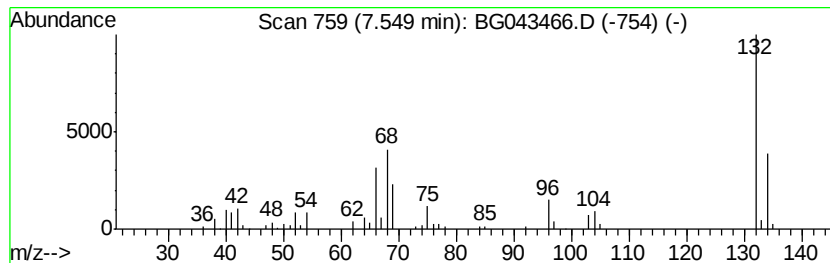
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Peak Number 4 unknown7.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	9.10 ng	107482	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	43
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22



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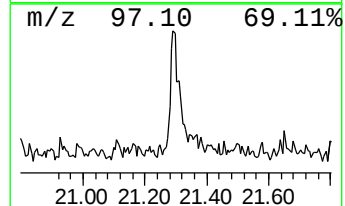
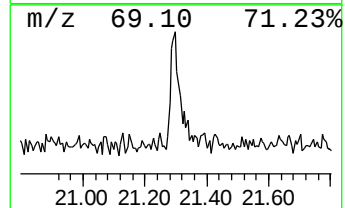
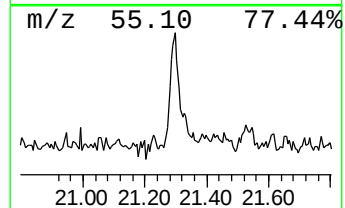
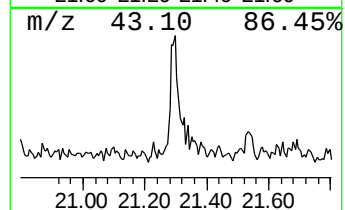
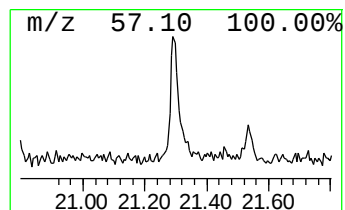
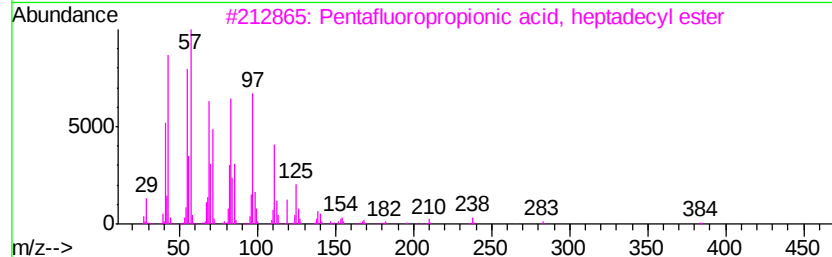
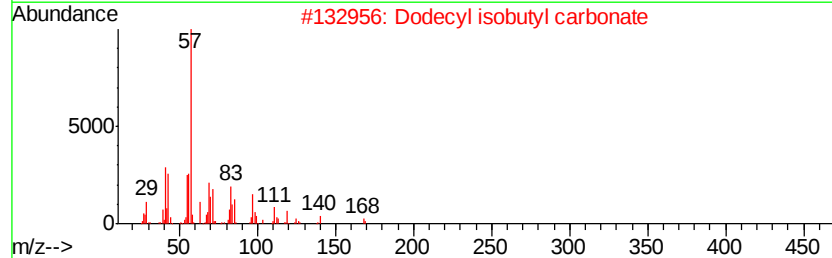
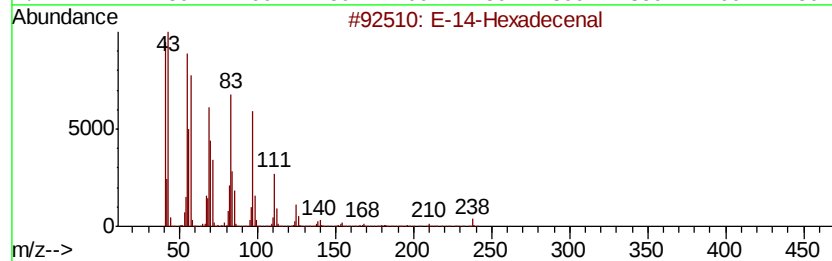
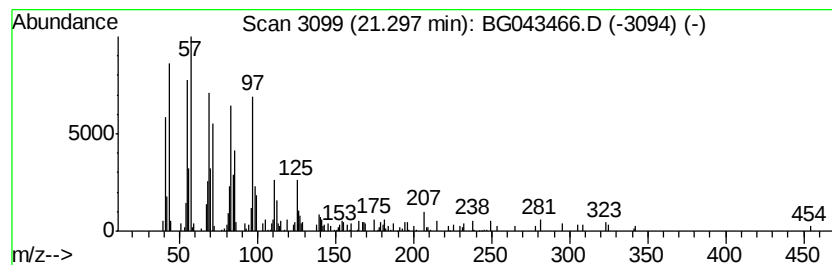
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Peak Number 6 E-14-Hexadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.31 ng	145503	Chrysene-d12	21.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-14-Hexadecenal	238 C16H30O	330207-53-9	93
2	Dodecyl isobutyl carbonate	286 C17H34O3	959067-22-2	87
3	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	87
4	Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7	87
5	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	87



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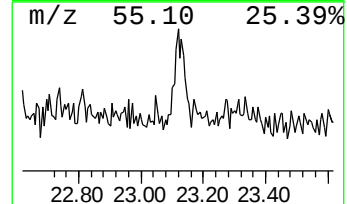
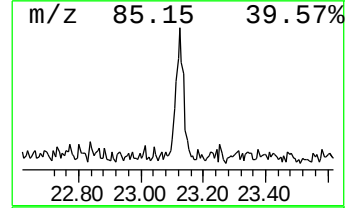
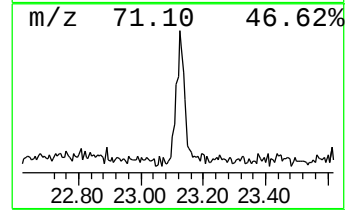
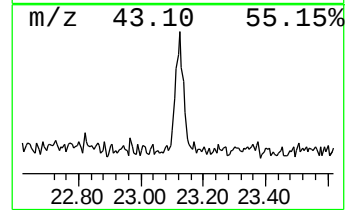
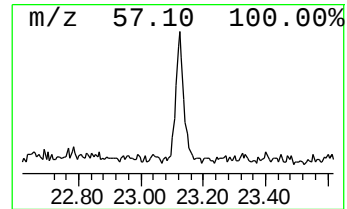
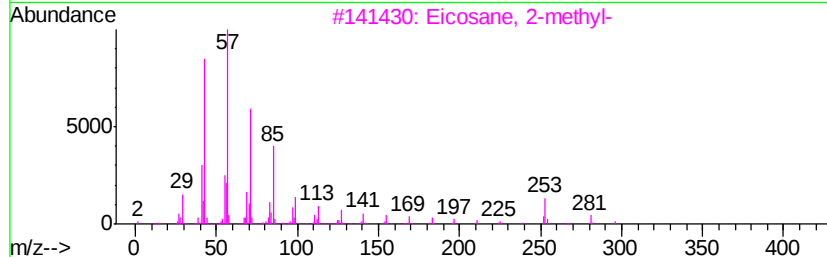
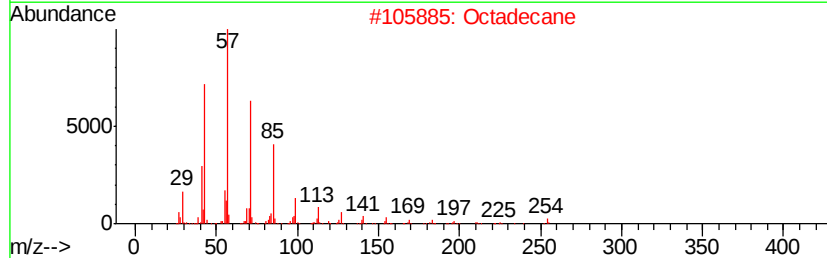
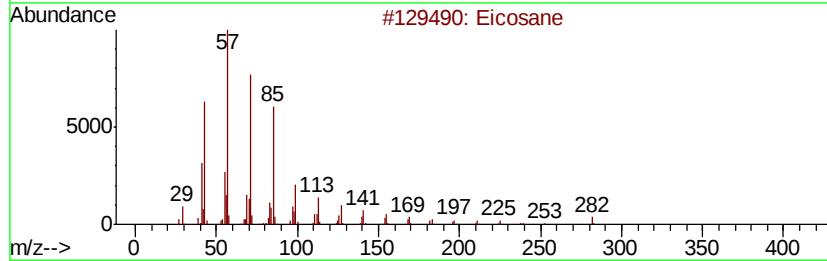
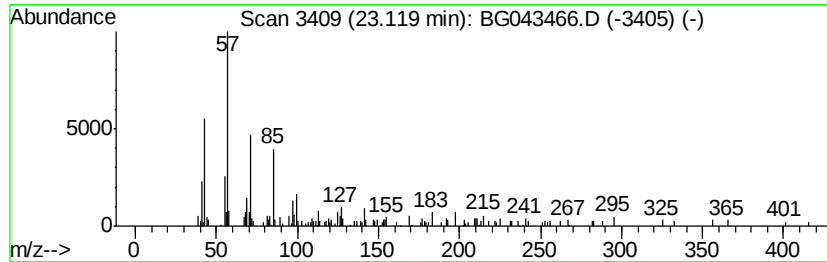
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.14 ng	93953	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octadecane	254	C18H38	000593-45-3	86
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	68
4		Tetracosane	338	C24H50	000646-31-1	68
5		Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043466.D
Acq On : 1 Nov 2019 15:23
Operator : JU
Sample : K5602-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

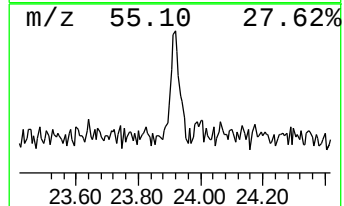
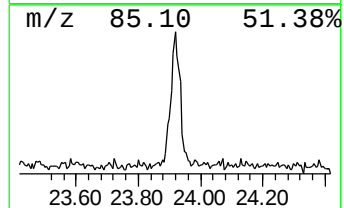
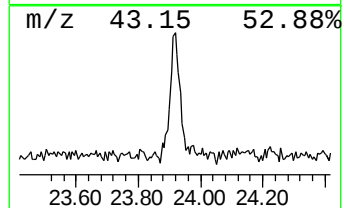
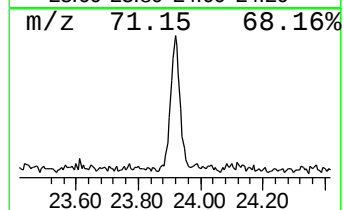
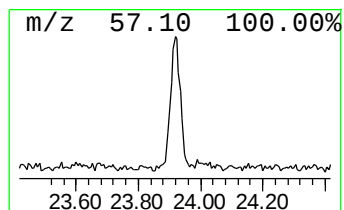
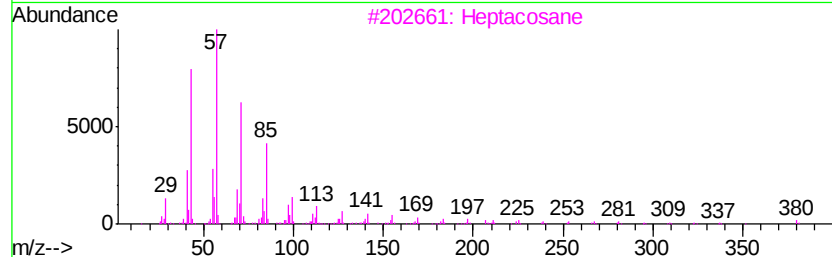
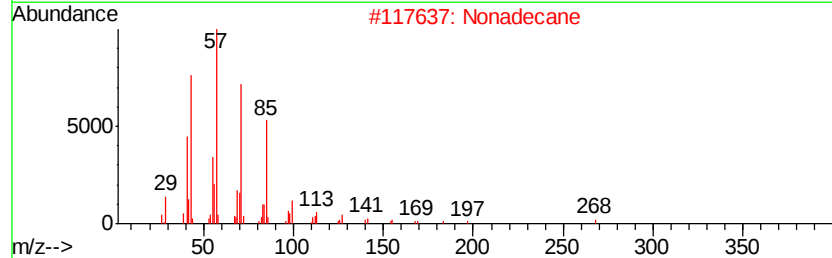
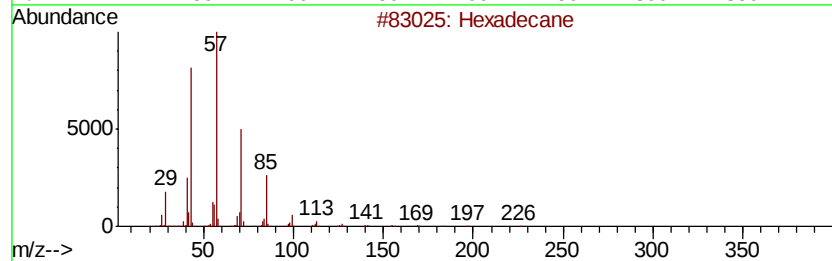
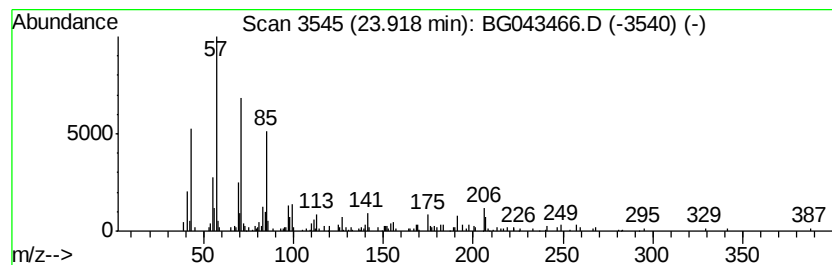
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.49 ng	169124	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043466.D
Acq On : 1 Nov 2019 15:23
Operator : JU
Sample : K5602-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

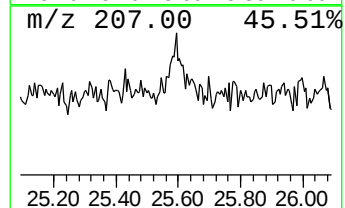
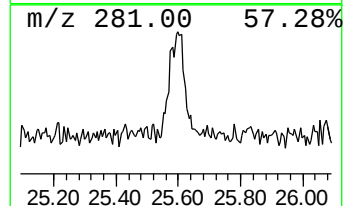
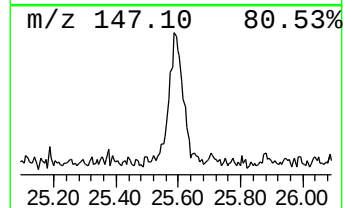
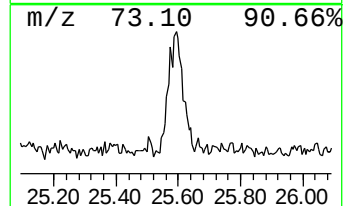
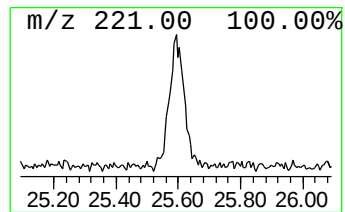
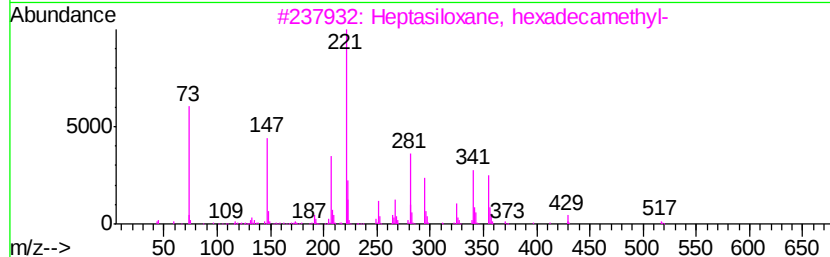
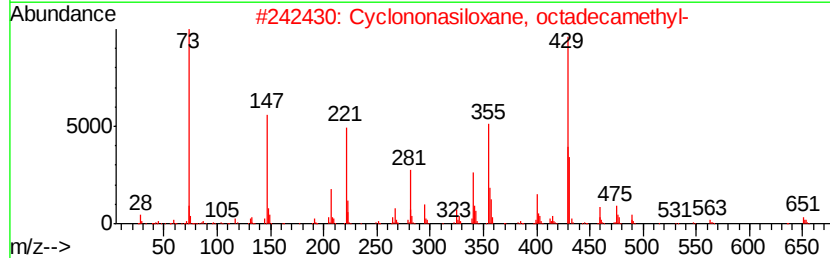
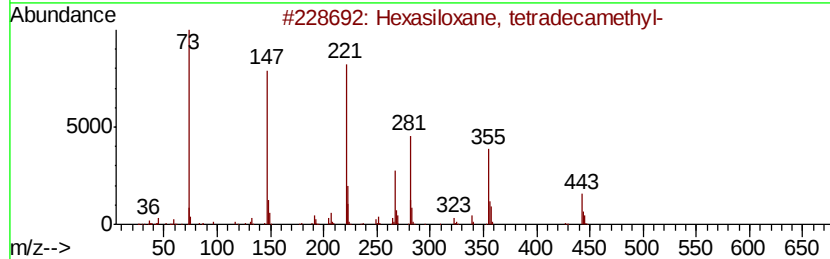
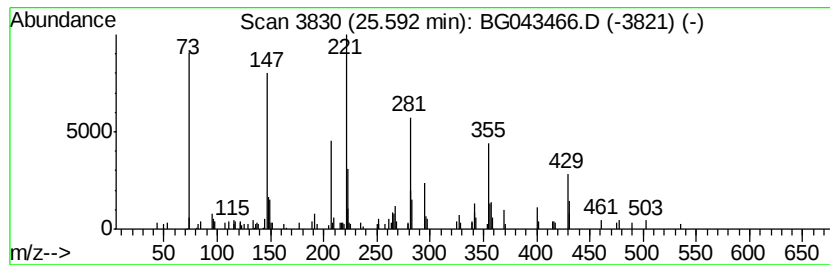
Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexasiloxane, tetradecamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
25.59	3.33 ng	161617	Perylene-d12		24.84	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	59
2		Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	53
3		Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	53
4		3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
5		Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043466.D
Acq On : 1 Nov 2019 15:23
Operator : JU
Sample : K5602-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

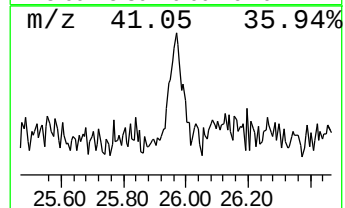
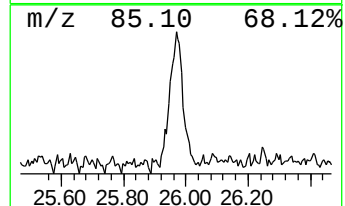
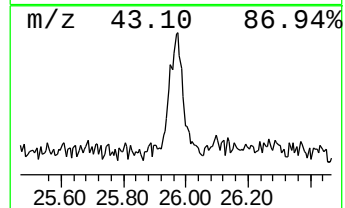
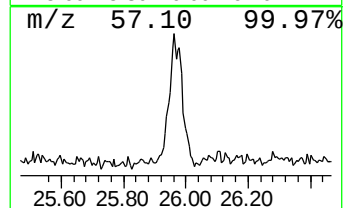
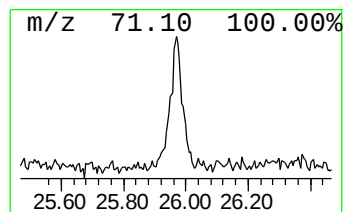
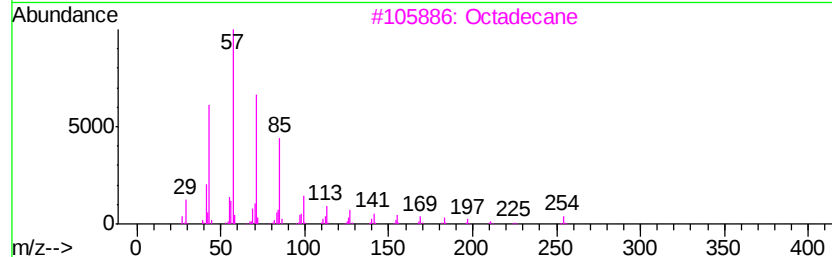
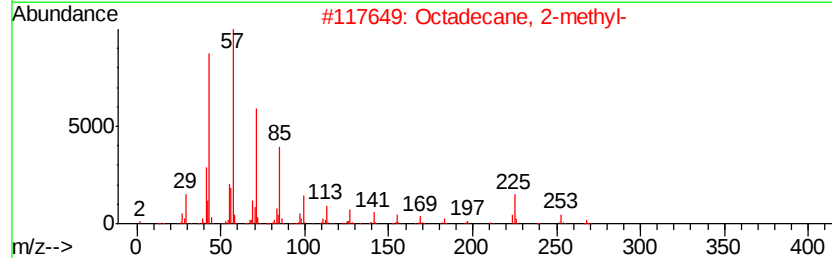
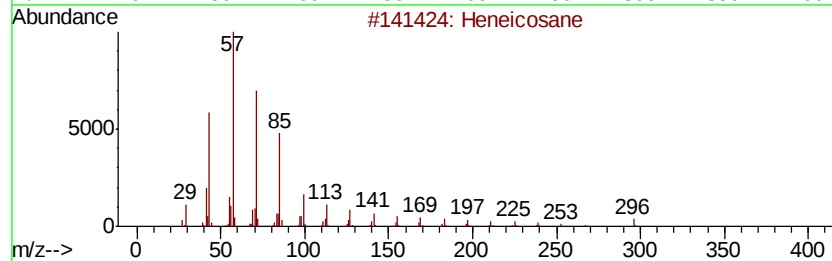
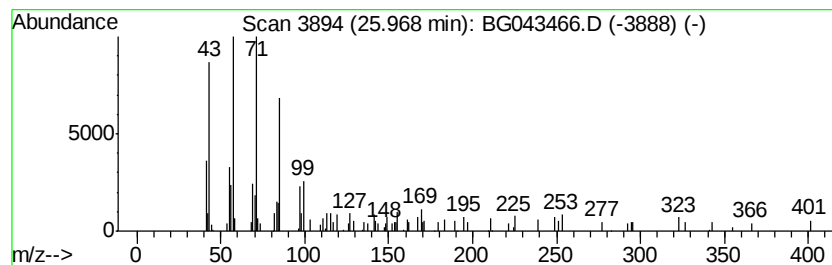
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	2.24 ng	108529	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	76
3		Octadecane	254	C18H38	000593-45-3	64
4		Tetracosane	338	C24H50	000646-31-1	64
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043466.D
Acq On : 1 Nov 2019 15:23
Operator : JU
Sample : K5602-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

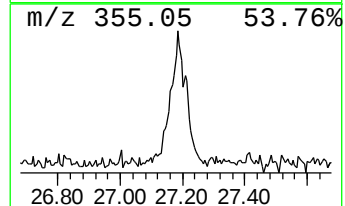
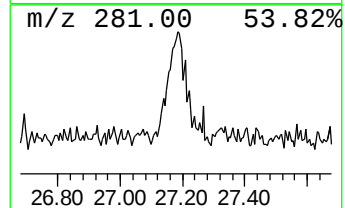
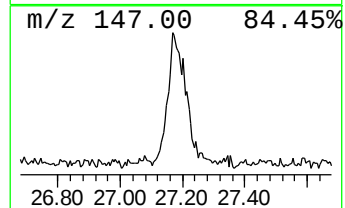
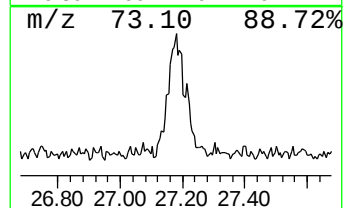
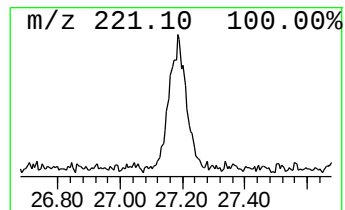
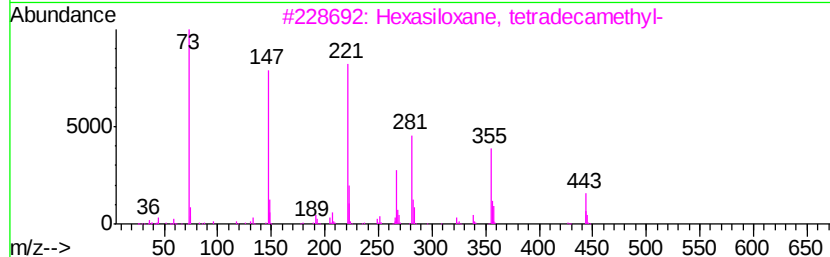
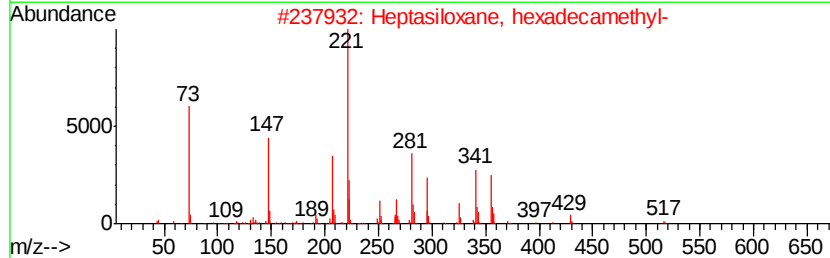
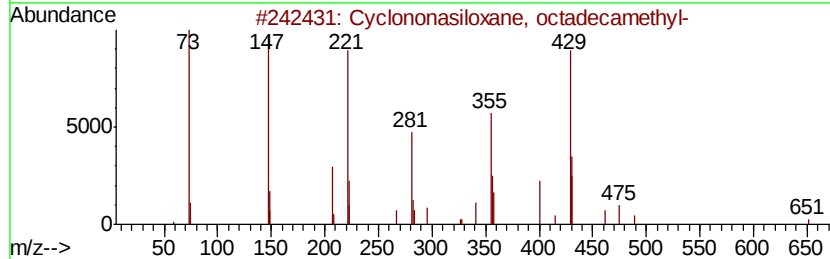
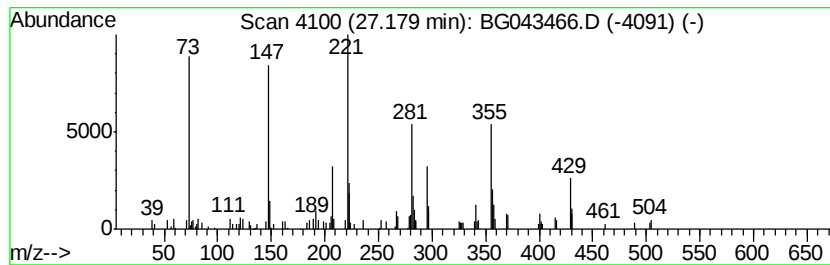
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclononasiloxane, octadeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.18	3.93 ng	190723	Perylene-d12	24.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2			Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	64
3			Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	50
4			Silane, [[4-[1,2-bis[(trimethyls...	458	C20H42O4Si4	056114-62-6	35
5			Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110119\
 Data File : BG043466.D
 Acq On : 1 Nov 2019 15:23
 Operator : JU
 Sample : K5602-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.18	12.2	ng	143736	1	8.01	236321	20.0
unknown5.14	5.14	391.7	ng	4628840	1	8.01	236321	20.0
Benzen-d5-amine	7.31	4.6	ng	54716	1	8.01	236321	20.0
unknown7.55	7.55	9.1	ng	107482	1	8.01	236321	20.0
E-14-Hexadecenal	21.30	3.3	ng	145503	5	21.66	878498	20.0
Eicosane	23.12	2.1	ng	93953	5	21.66	878498	20.0
Hexadecane	23.92	3.5	ng	169124	6	24.84	969748	20.0
Hexasiloxane, tet...	25.59	3.3	ng	161617	6	24.84	969748	20.0
Heneicosane	25.97	2.2	ng	108529	6	24.84	969748	20.0
Cyclononasiloxane...	27.18	3.9	ng	190723	6	24.84	969748	20.0