

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040048.D
 Acq On : 20 Mar 2019 23:05
 Operator : JU/SJ
 Sample : K1971-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14(13-15)-031519

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-BG030419.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	3.194	14	18	26	rVV	77396	134104	5.20%	0.796%
2	3.271	26	31	41	rVB	119398	187623	7.27%	1.113%
3	5.685	435	442	454	rBV	766588	1262402	48.91%	7.490%
4	7.295	707	716	726	rBV	833658	1476472	57.21%	8.760%
5	7.670	773	780	787	rBV	794960	1357698	52.61%	8.055%
6	8.140	853	860	871	rVB	138235	236267	9.15%	1.402%
7	8.464	908	915	924	rVB	504021	885778	34.32%	5.255%
8	9.321	1052	1061	1072	rBV	498987	894178	34.65%	5.305%
9	10.960	1333	1340	1347	rBV	193859	350047	13.56%	2.077%
10	13.392	1746	1754	1762	rVB	1187981	1890369	73.25%	11.215%
11	14.209	1888	1893	1902	rBV	100988	152874	5.92%	0.907%
12	14.767	1982	1988	1997	rVB2	339578	540649	20.95%	3.208%
13	16.253	2234	2241	2252	rBV	1167335	1775205	68.78%	10.532%
14	17.510	2448	2455	2463	rBV	441771	682854	26.46%	4.051%
15	18.362	2593	2600	2608	rBV3	52153	90531	3.51%	0.537%
16	18.832	2675	2680	2685	rBV3	27007	39493	1.53%	0.234%
17	19.220	2740	2746	2752	rBV6	13797	26850	1.04%	0.159%
18	20.107	2891	2897	2903	rVB	1929112	2580854	100.00%	15.312%
19	21.387	3110	3115	3138	rBV2	121731	305853	11.85%	1.815%
20	21.798	3178	3185	3192	rVB2	437281	718779	27.85%	4.264%
21	21.939	3205	3209	3213	rVB2	24346	32211	1.25%	0.191%
22	22.562	3309	3315	3319	rBV2	49817	85487	3.31%	0.507%
23	22.609	3319	3323	3335	rVB2	32591	93312	3.62%	0.554%
24	23.273	3430	3436	3442	rBV	64290	117101	4.54%	0.695%
25	24.101	3570	3577	3584	rBV3	55749	112643	4.36%	0.668%
26	25.082	3737	3744	3748	rBV3	32986	88295	3.42%	0.524%
27	25.153	3748	3756	3767	rVB3	227677	670994	26.00%	3.981%
28	26.257	3935	3944	3953	rVB5	22148	66083	2.56%	0.392%

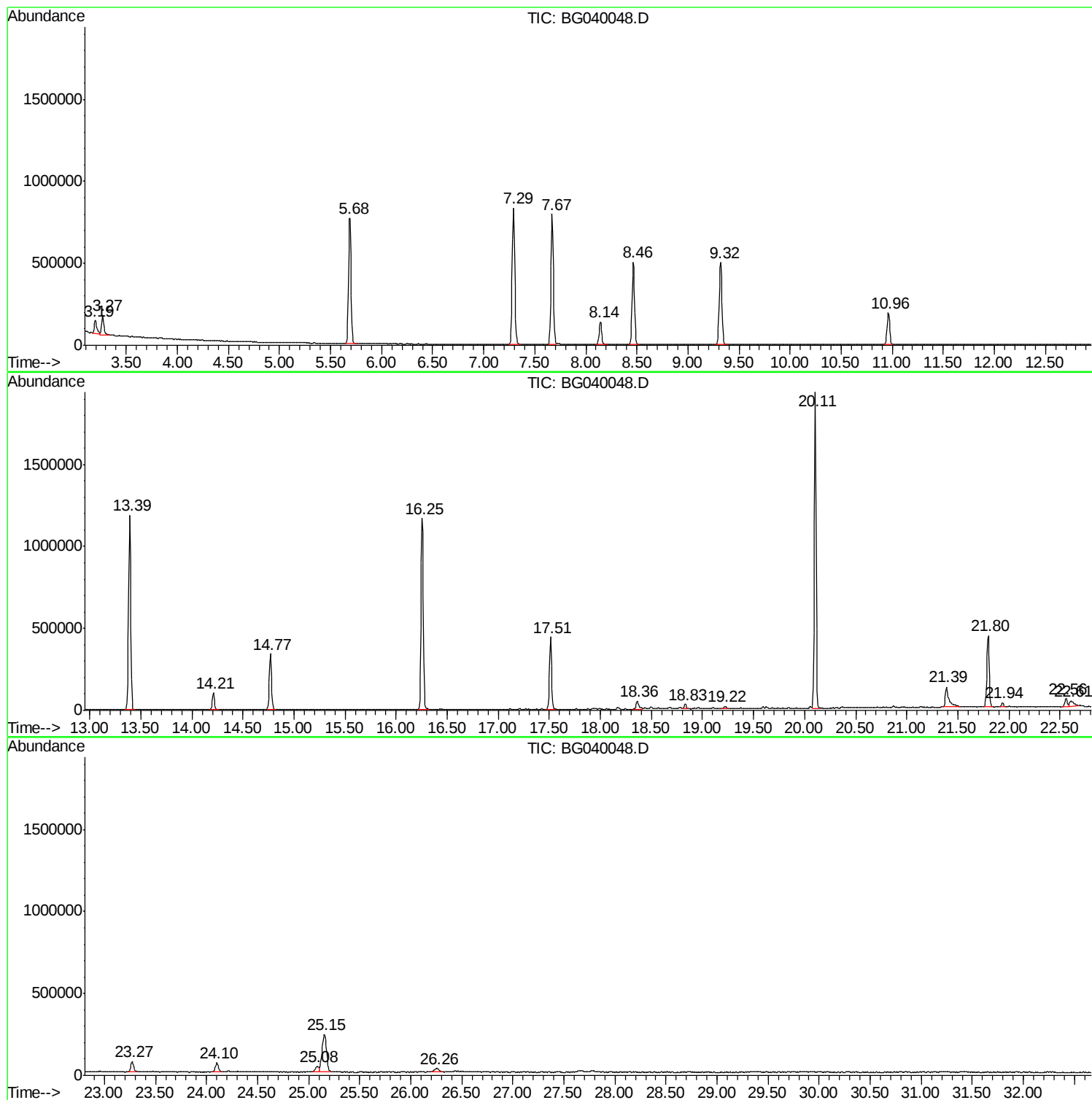
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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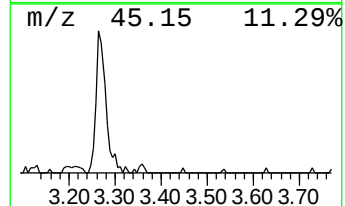
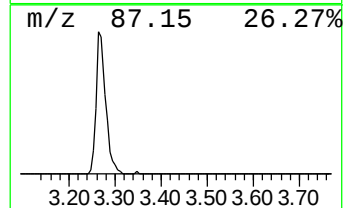
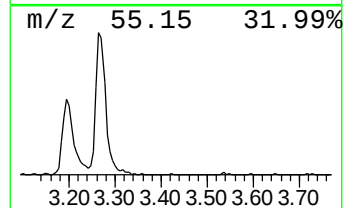
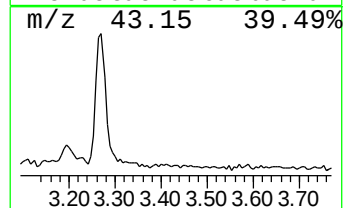
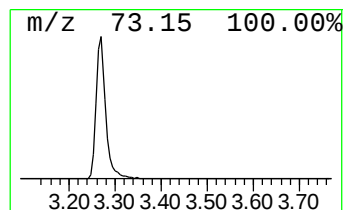
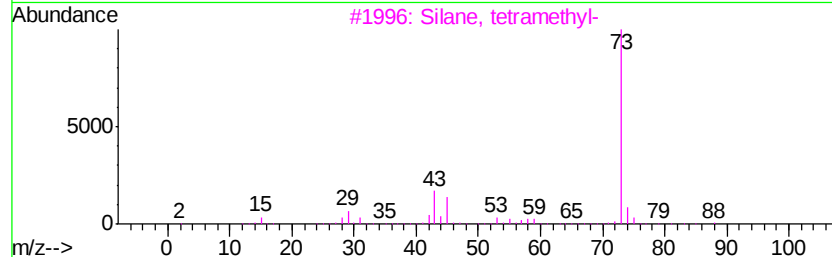
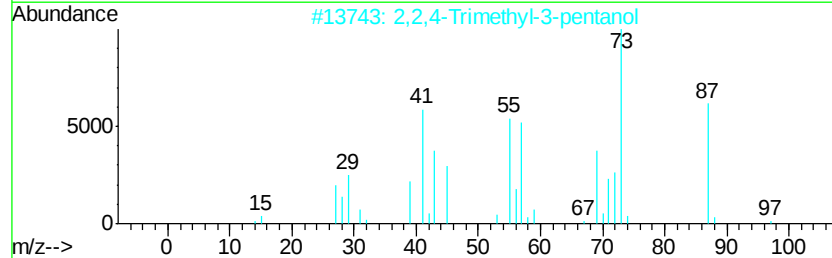
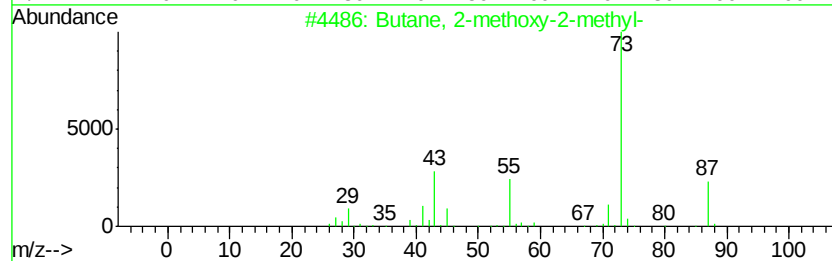
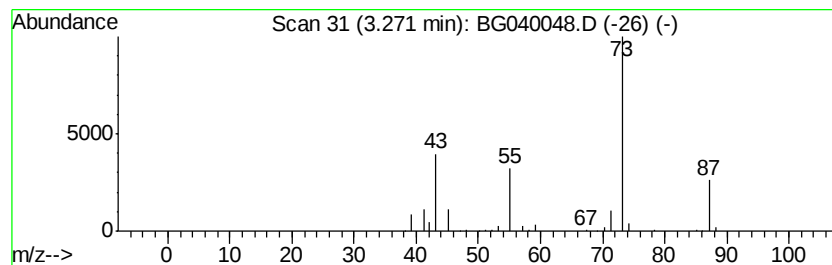
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	15.88 ng	187623	1,4-Dichlorobenzene-d4	8.14

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	43
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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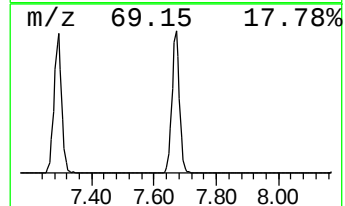
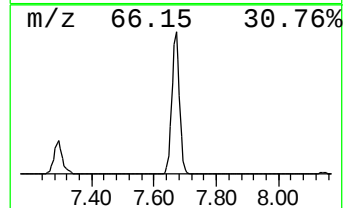
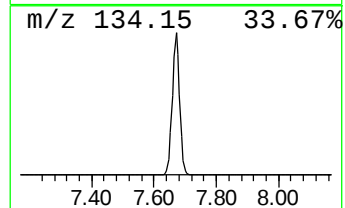
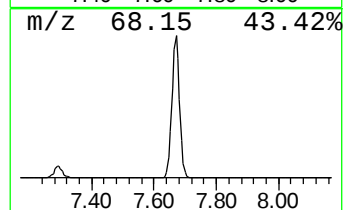
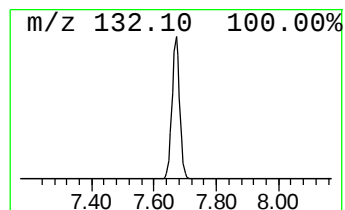
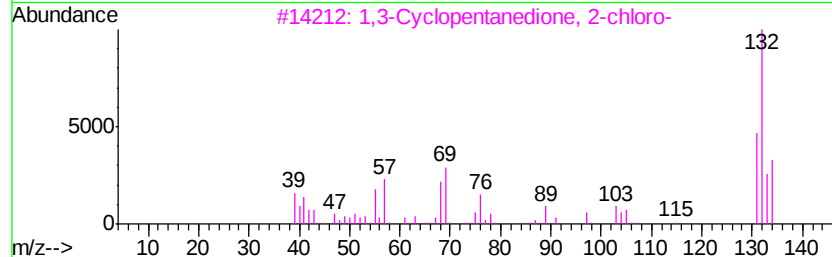
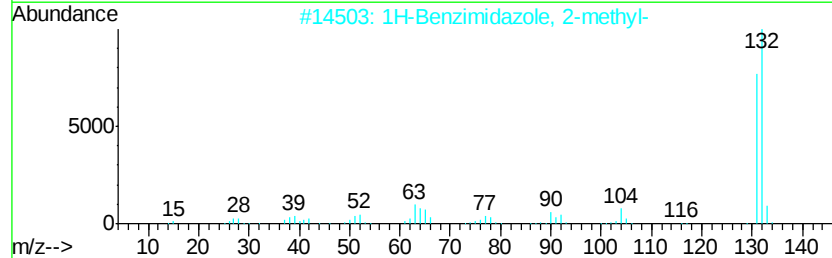
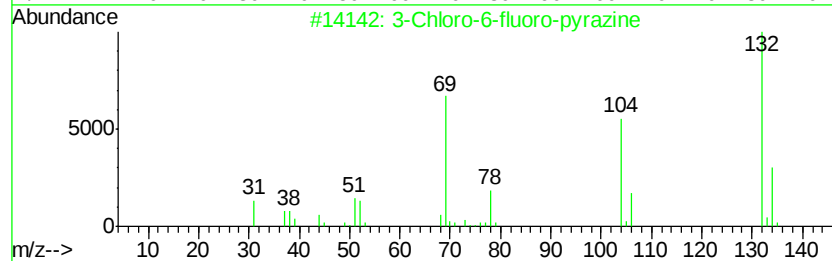
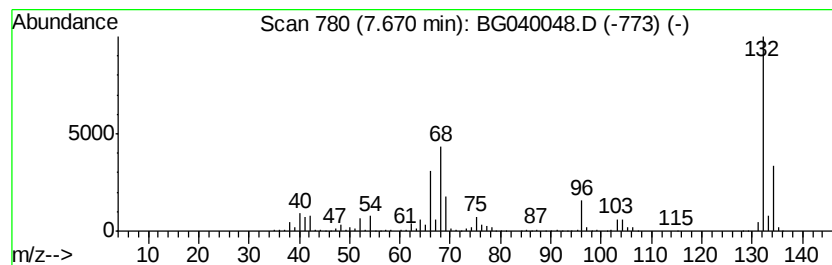
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Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	114.93 ng	1357700	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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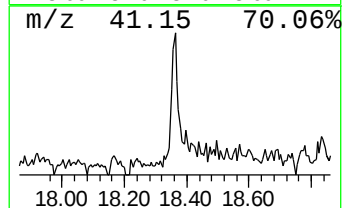
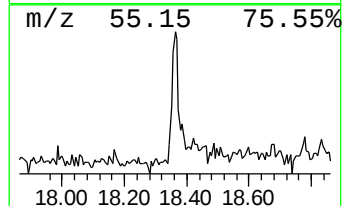
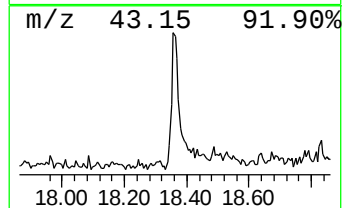
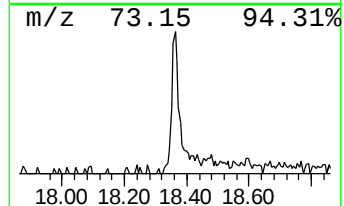
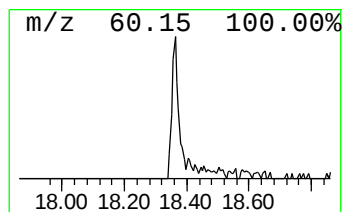
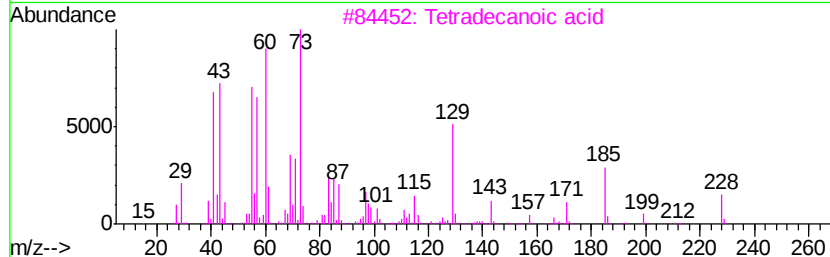
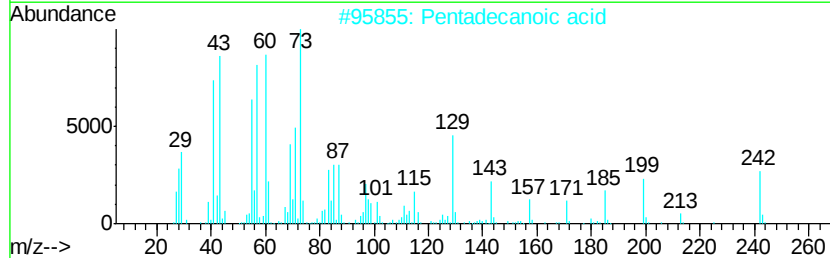
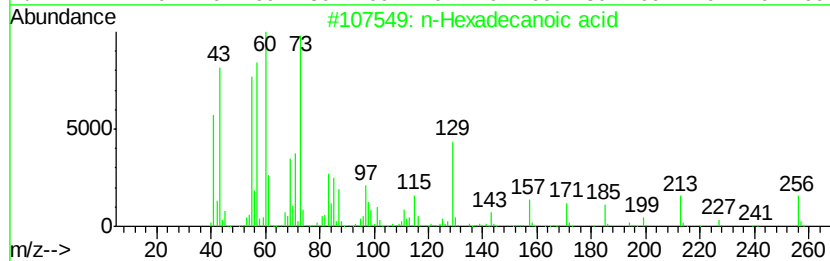
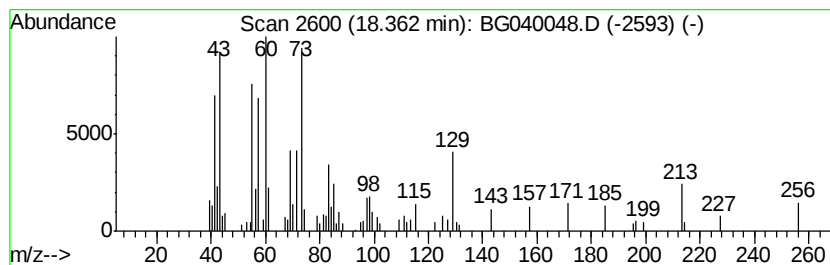
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.65 ng	90531	Phenanthrene-d10	17.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35



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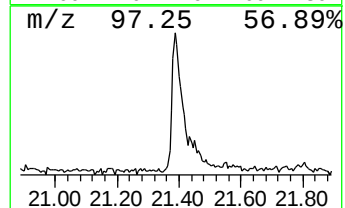
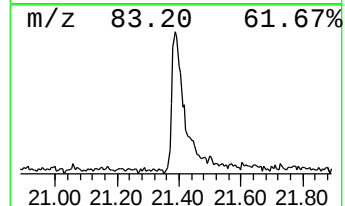
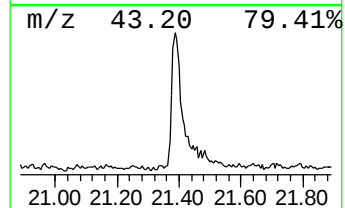
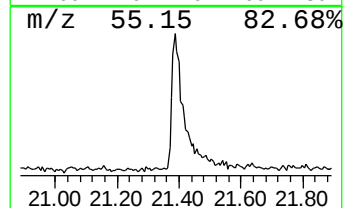
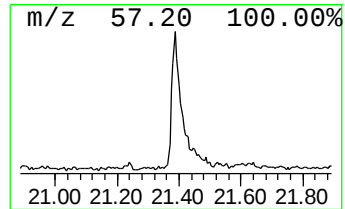
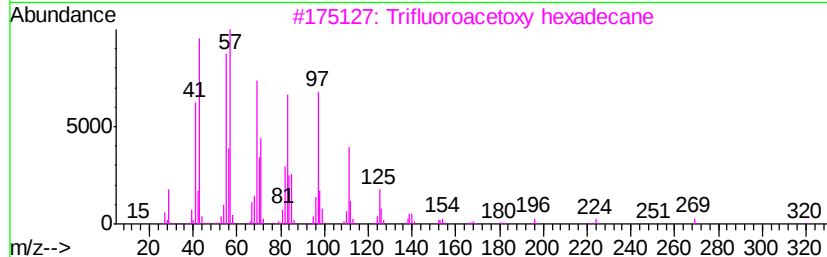
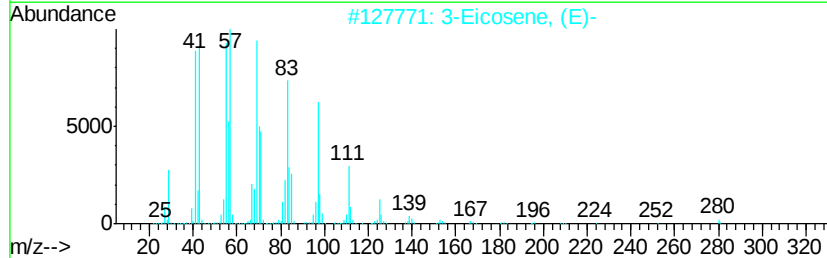
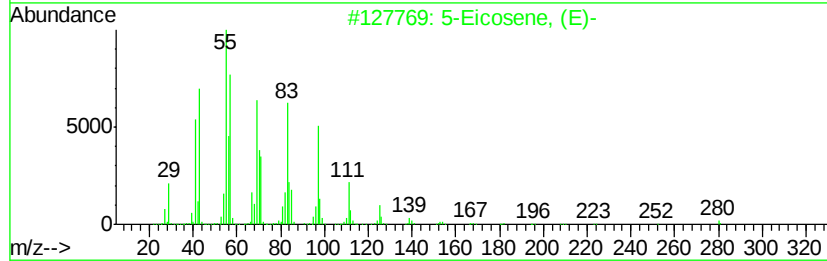
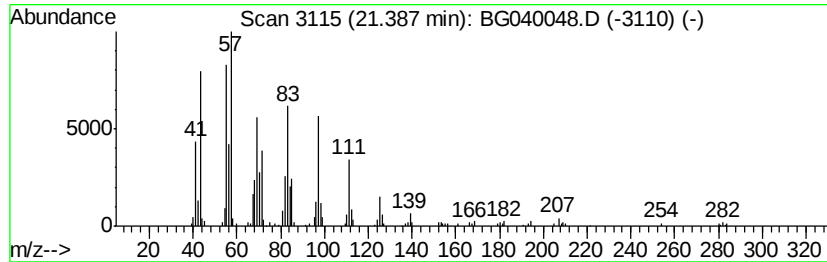
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Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.39	8.51 ng	305853	Chrysene-d12	21.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



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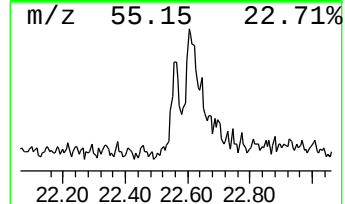
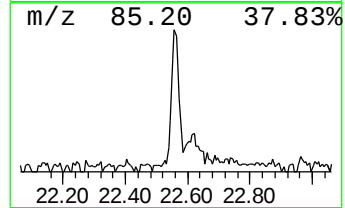
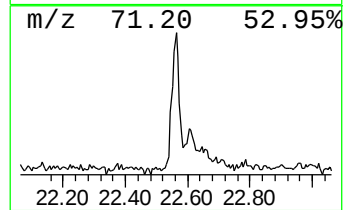
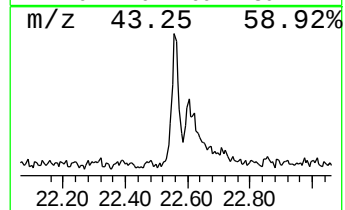
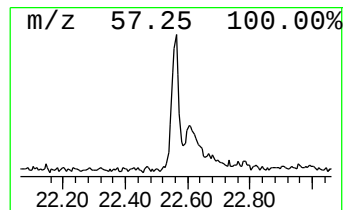
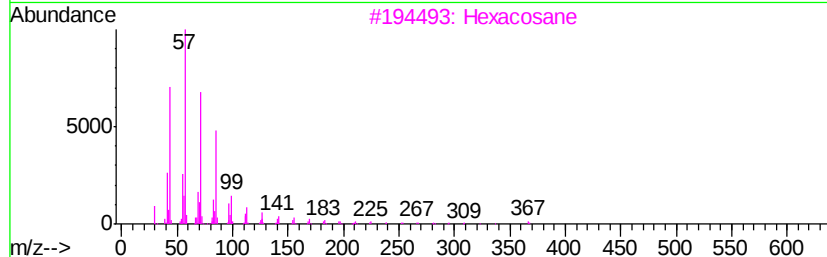
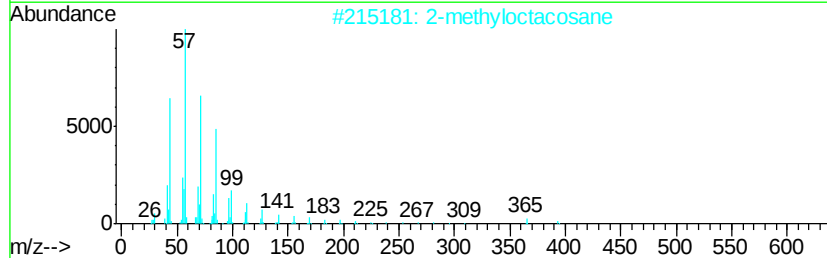
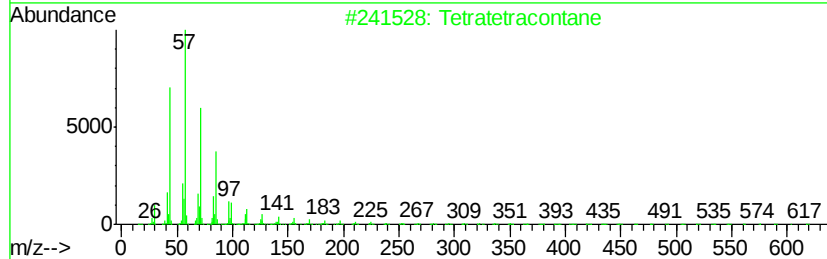
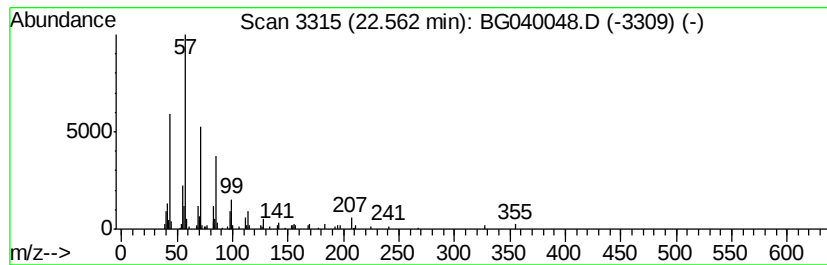
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Peak Number 7 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.38 ng	85487	Chrysene-d12	21.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	81
2		2-methyloctacosane	408	C29H60	1000376-72-8	76
3		Hexacosane	366	C26H54	000630-01-3	76
4		Hexatriacontane	507	C36H74	000630-06-8	74
5		Octadecane	254	C18H38	000593-45-3	74



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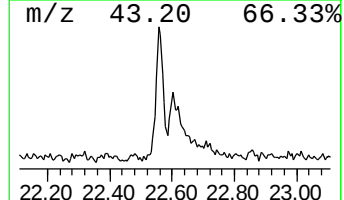
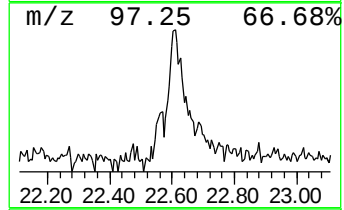
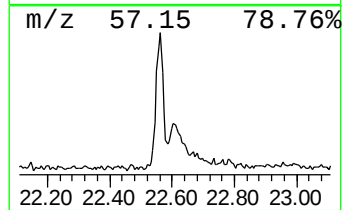
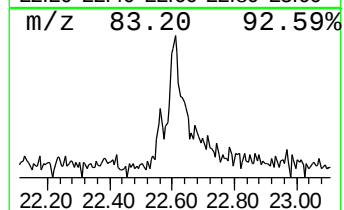
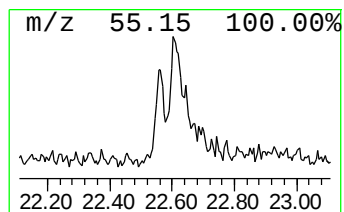
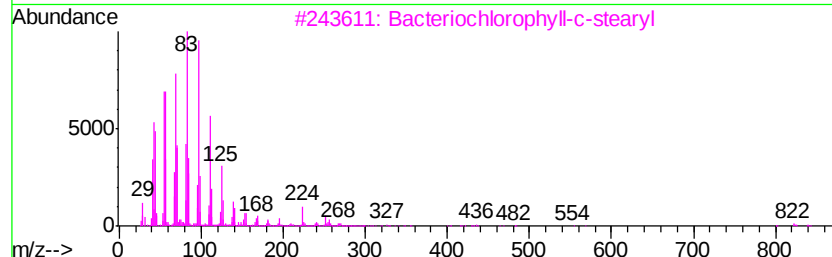
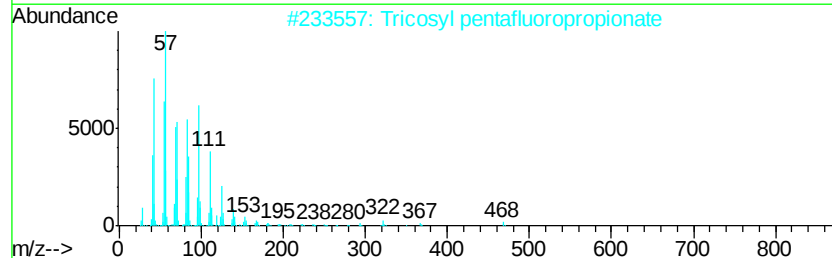
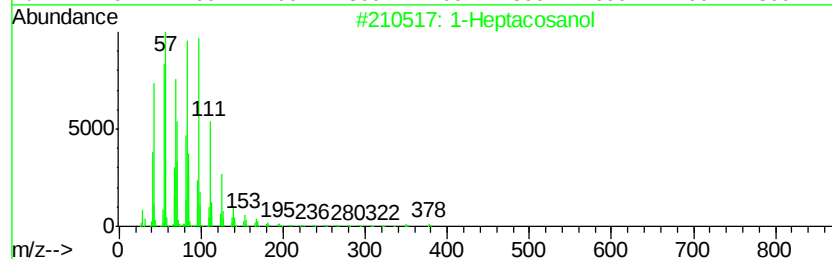
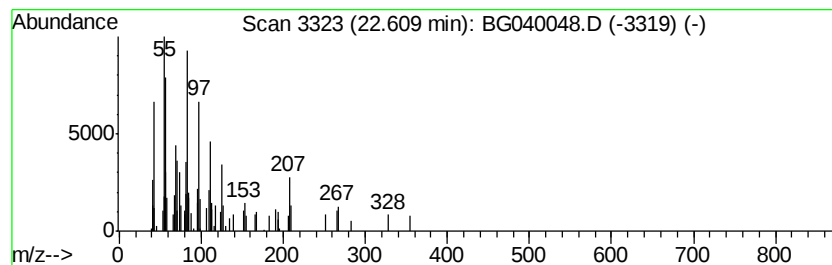
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown22.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.60 ng	93312	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	46
2		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	46
3		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	45
4		1-Tridecene	182	C13H26	002437-56-1	43
5		Disparlure	282	C19H38O	029804-22-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040048.D
Acq On : 20 Mar 2019 23:05
Operator : JU/SJ
Sample : K1971-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

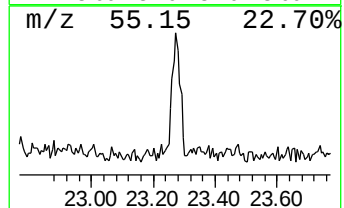
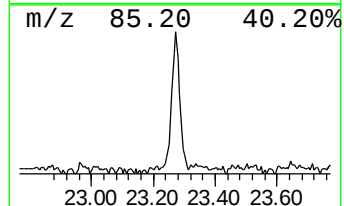
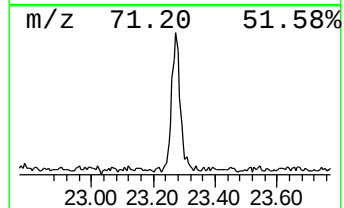
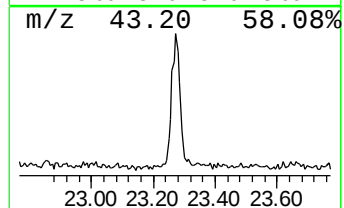
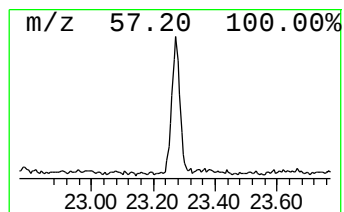
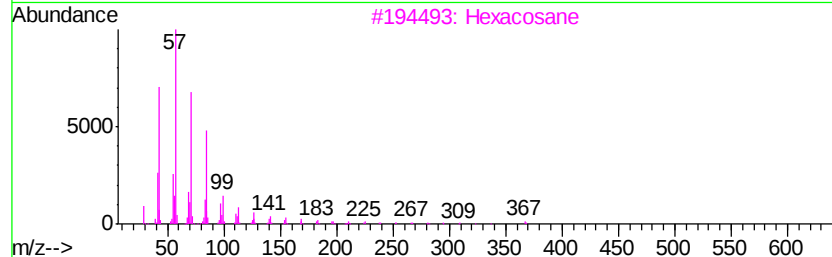
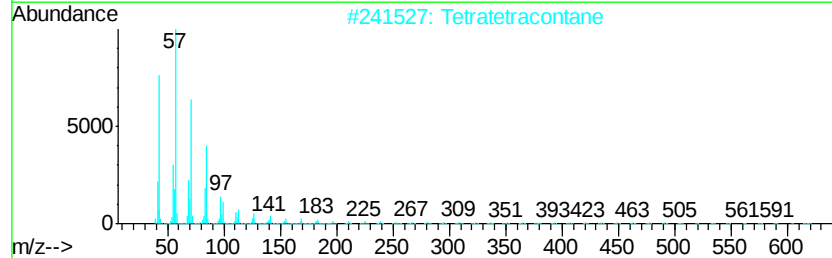
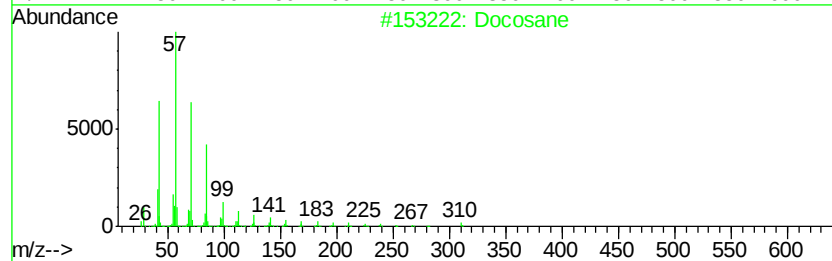
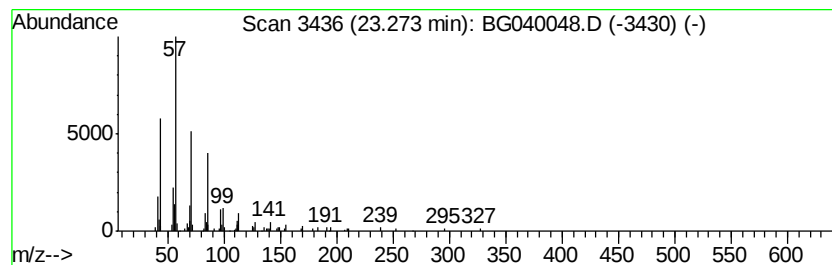
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.26 ng	117101	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	86
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Hexacosane	366	C26H54	000630-01-3	86
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040048.D
Acq On : 20 Mar 2019 23:05
Operator : JU/SJ
Sample : K1971-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

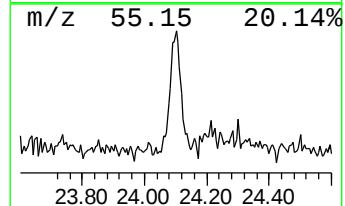
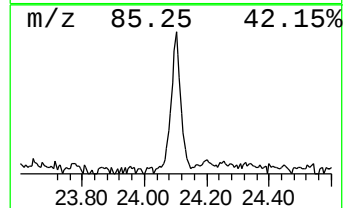
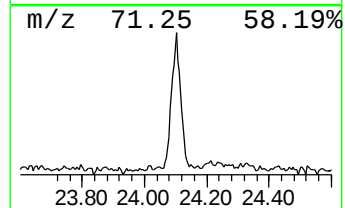
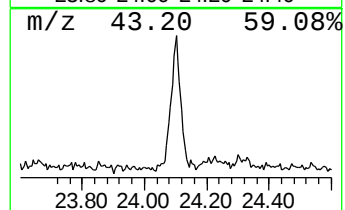
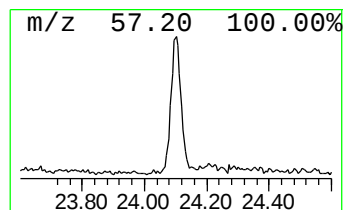
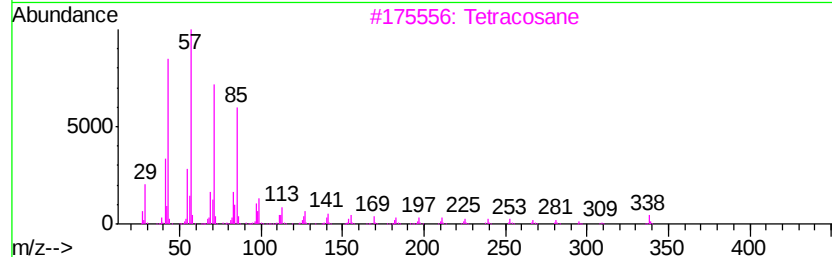
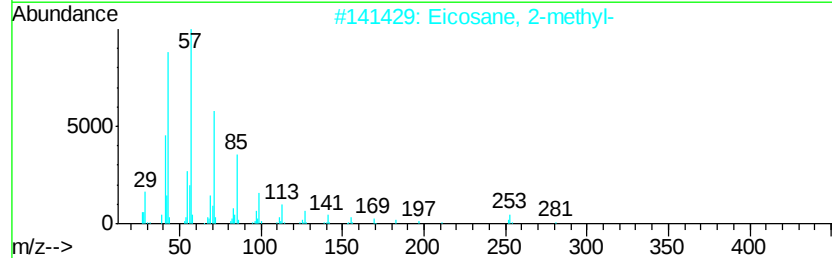
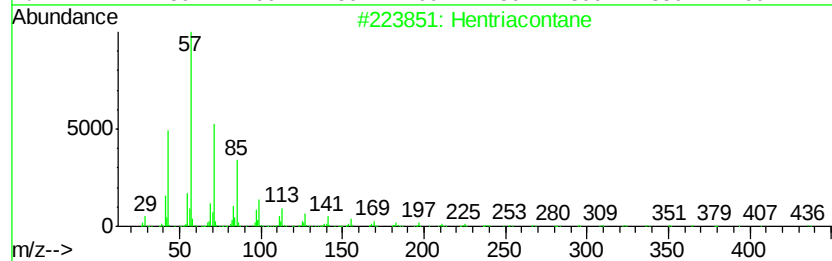
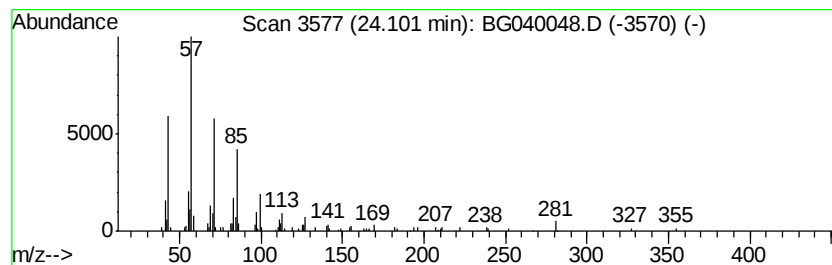
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.36 ng	112643	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	86
2			Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
3			Tetracosane	338	C24H50	000646-31-1	86
4			Hexacosane	366	C26H54	000630-01-3	83
5			6,6-Diethylhooctadecane	310	C22H46	1000360-41-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040048.D
Acq On : 20 Mar 2019 23:05
Operator : JU/SJ
Sample : K1971-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

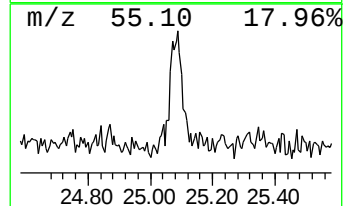
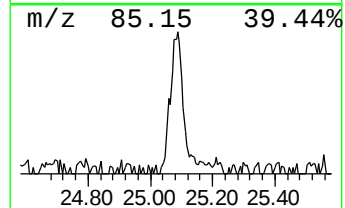
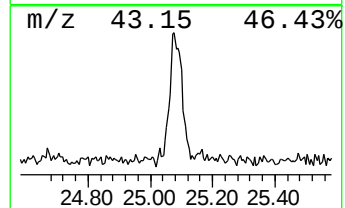
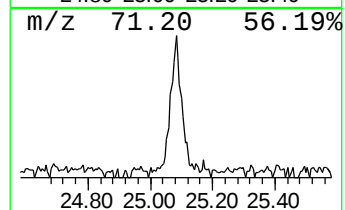
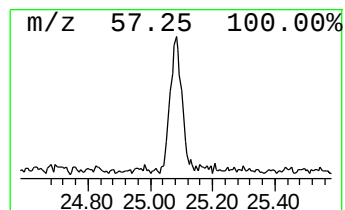
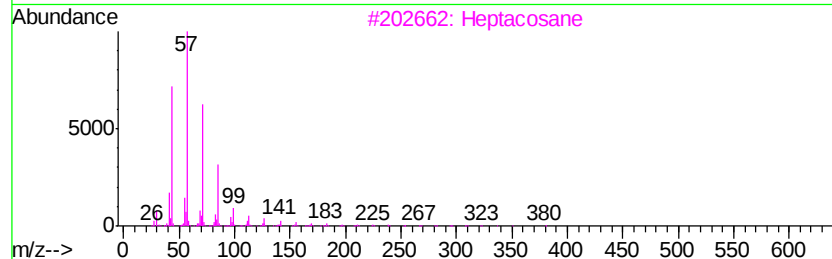
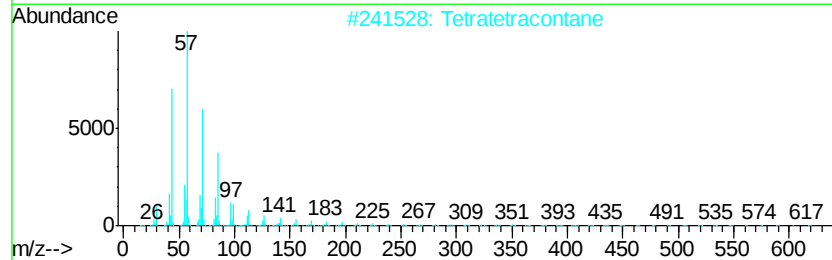
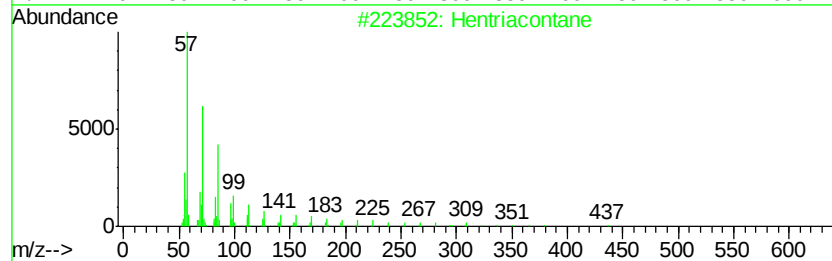
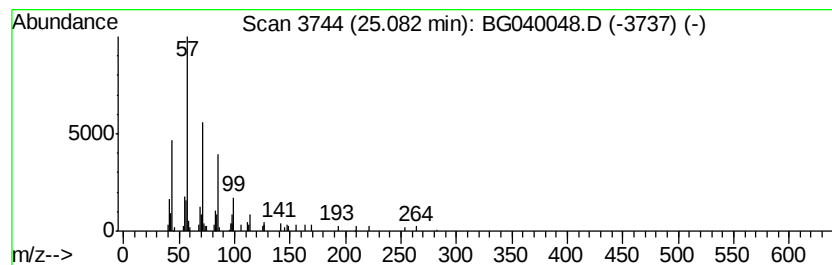
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	2.63 ng	88295	Perylene-d12	25.15

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		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040048.D
Acq On : 20 Mar 2019 23:05
Operator : JU/SJ
Sample : K1971-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14(13-15)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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...	3.27	15.9	ng	187623	1	8.14	236267	20.0
unknown7.67	7.67	114.9	ng	1357700	1	8.14	236267	20.0
n-Hexadecanoic acid	18.36	2.6	ng	90531	4	17.51	682854	20.0
5-Eicosene, (E)-	21.39	8.5	ng	305853	5	21.80	718779	20.0
Tetratetracontane	22.56	2.4	ng	85487	5	21.80	718779	20.0
unknown22.61	22.61	2.6	ng	93312	5	21.80	718779	20.0
Docosane	23.27	3.3	ng	117101	5	21.80	718779	20.0
Eicosane, 2-methyl-	24.10	3.4	ng	112643	6	25.15	670994	20.0
Hentriacontane	25.08	2.6	ng	88295	6	25.15	670994	20.0