

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045748.D
 Acq On : 12 Jun 2020 20:03
 Operator : CG/JU
 Sample : L2993-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610

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-BG051520.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	3.349	36	44	65	rVB	2399344	5325577	100.00%	23.265%
2	5.558	413	420	435	rBV	242719	446709	8.39%	1.951%
3	6.950	651	657	665	rBV	45651	83283	1.56%	0.364%
4	7.179	689	696	711	rBV	180985	349252	6.56%	1.526%
5	7.473	739	746	753	rBV	216363	373066	7.01%	1.630%
6	7.890	809	817	821	rBV	192575	343329	6.45%	1.500%
7	7.949	821	827	835	rVV	200540	371677	6.98%	1.624%
8	8.272	873	882	889	rBV	665299	1139259	21.39%	4.977%
9	9.112	1016	1025	1035	rBV	522472	995546	18.69%	4.349%
10	10.751	1295	1304	1320	rBV	251229	516844	9.70%	2.258%
11	11.655	1447	1458	1471	rBV2	65454	188803	3.55%	0.825%
12	13.212	1715	1723	1731	rBV	1561309	2568614	48.23%	11.221%
13	14.040	1859	1864	1871	rBV	199511	297620	5.59%	1.300%
14	14.593	1951	1958	1970	rBV	410534	669931	12.58%	2.927%
15	16.090	2203	2213	2227	rBV	1210570	2004075	37.63%	8.755%
16	17.342	2419	2426	2435	rBV	490595	794010	14.91%	3.469%
17	18.241	2574	2579	2589	rBV2	134258	222759	4.18%	0.973%
18	19.956	2864	2871	2881	rBV	2976824	3983973	74.81%	17.404%
19	21.248	3087	3091	3103	rBV2	140629	257124	4.83%	1.123%
20	21.601	3144	3151	3166	rBV	458009	822135	15.44%	3.591%
21	22.388	3280	3285	3292	rBV4	33177	60677	1.14%	0.265%
22	23.058	3395	3399	3406	rVB5	42040	82894	1.56%	0.362%
23	23.845	3528	3533	3540	rVB4	44178	98275	1.85%	0.429%
24	24.744	3676	3686	3703	rBV	262064	895945	16.82%	3.914%

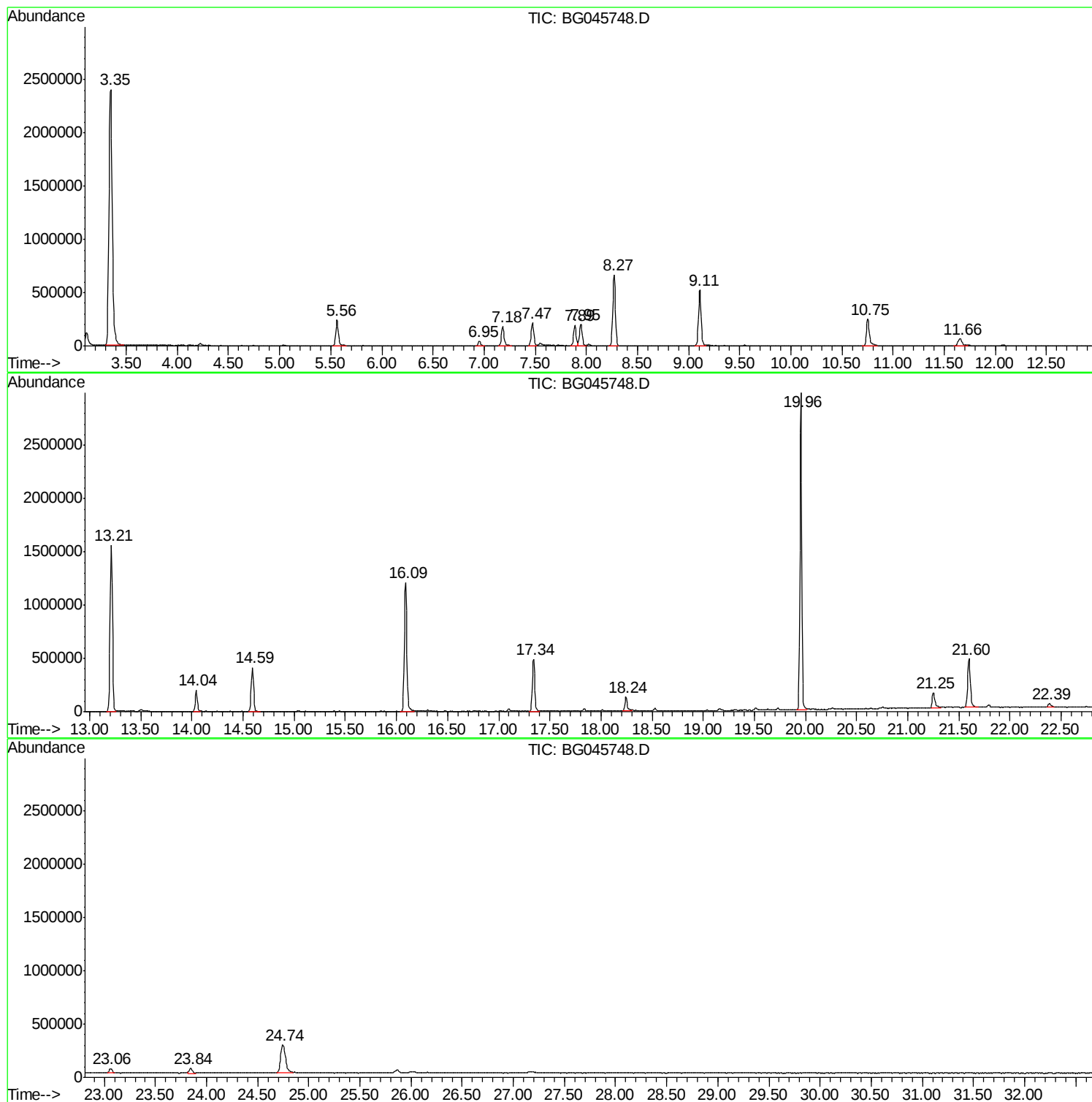
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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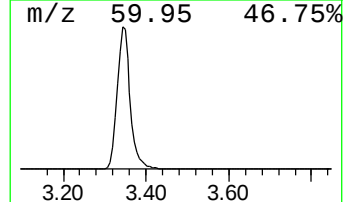
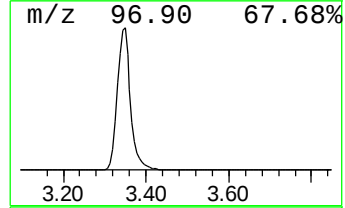
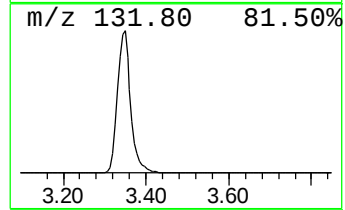
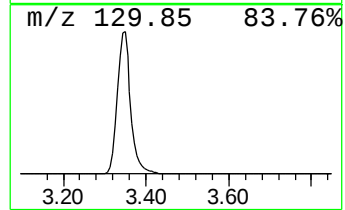
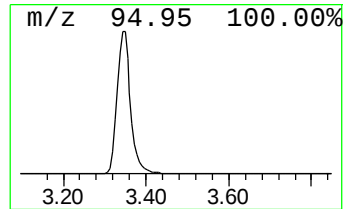
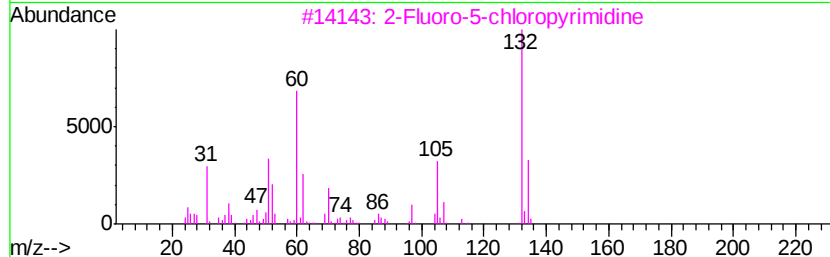
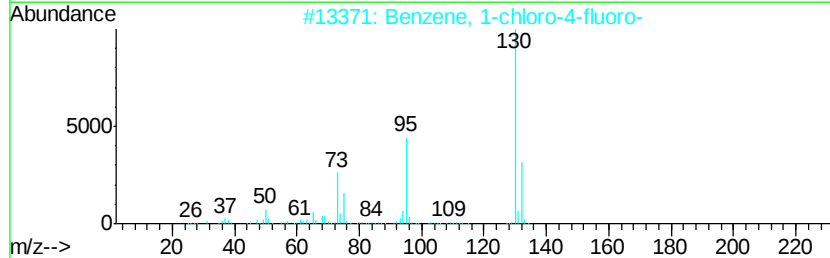
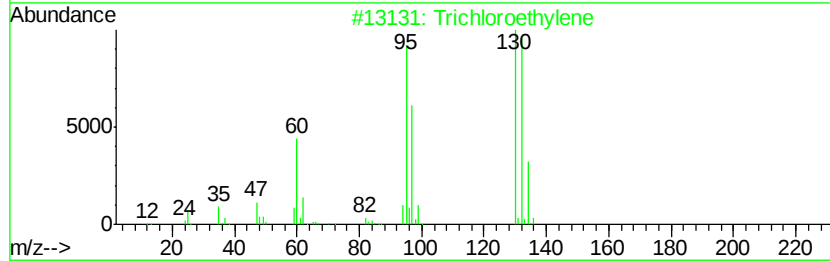
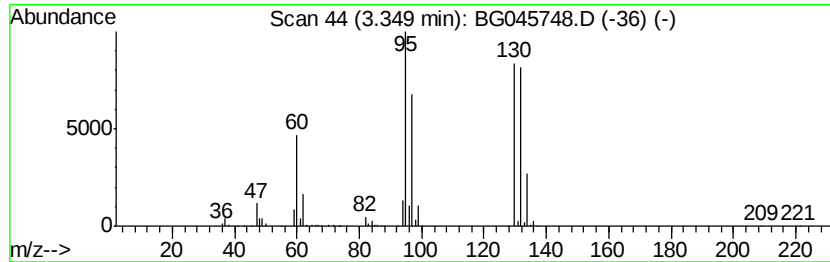
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	286.57 ng	5325580	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroethylene	130	C2HCl3	000079-01-6	98
2		Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	35
3		2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	35
4		Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	25
5		Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	25



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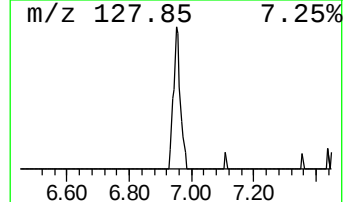
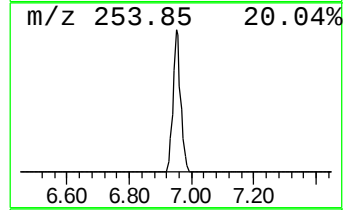
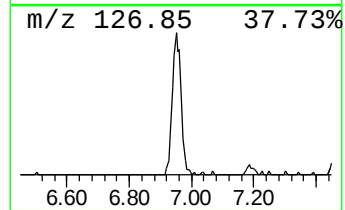
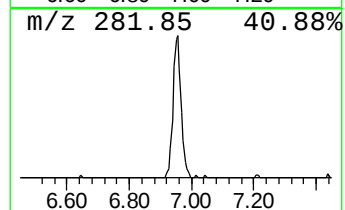
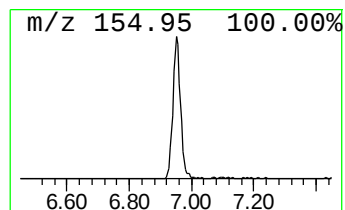
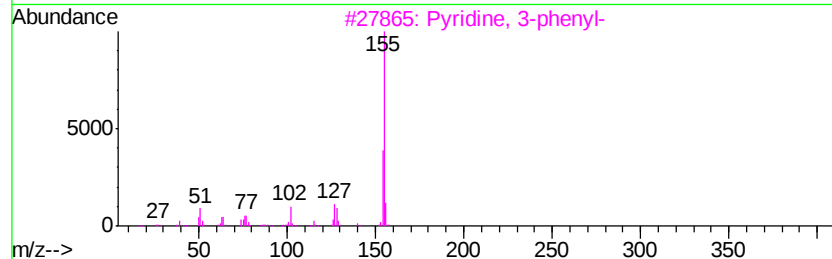
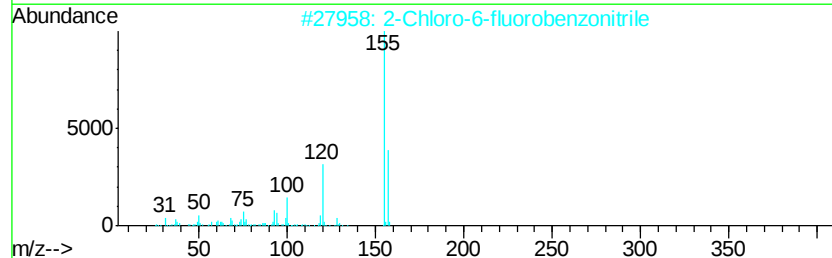
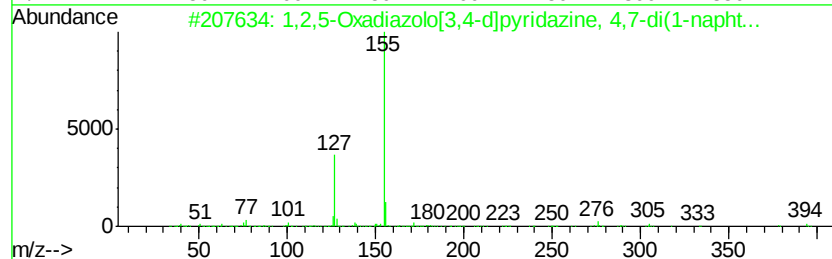
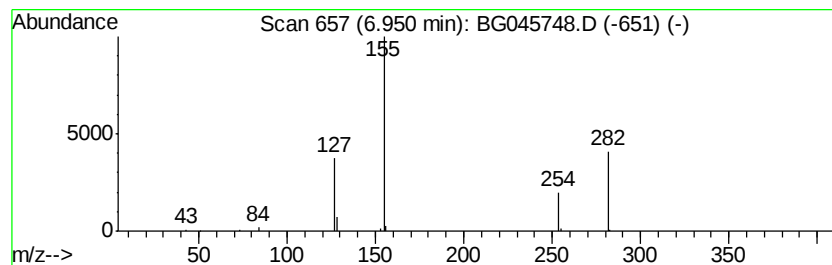
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Peak Number 2 unknown6.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	4.48 ng	83283	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Oxadiazolo[3,4-d]pyridazin...	390	C24H14N4O2	1000276-89-8	9
2		2-Chloro-6-fluorobenzonitrile	155	C7H3ClFN	000668-45-1	7
3		Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	7
4		2-Chloro-4-fluorobenzonitrile	155	C7H3ClFN	060702-69-4	7
5		Dibutyldichlorosilane	212	C8H18Cl2Si	003449-28-3	5



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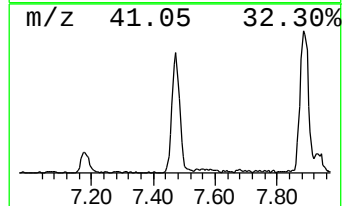
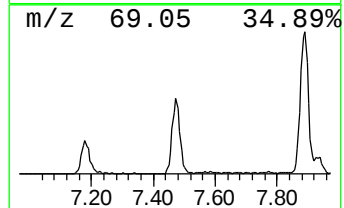
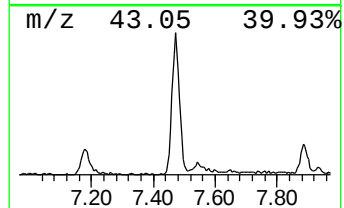
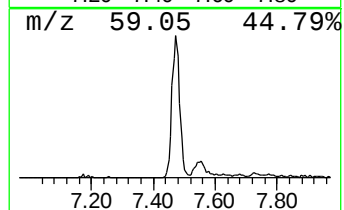
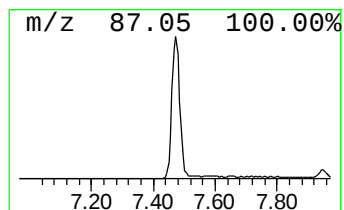
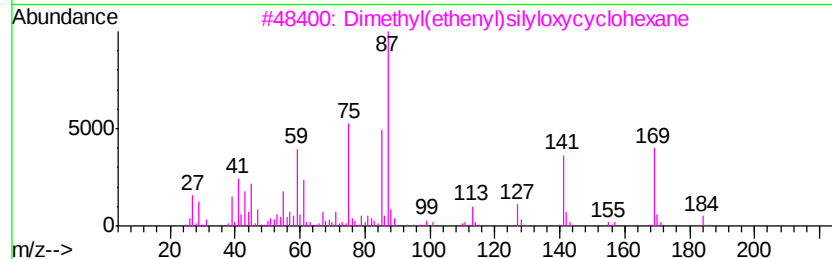
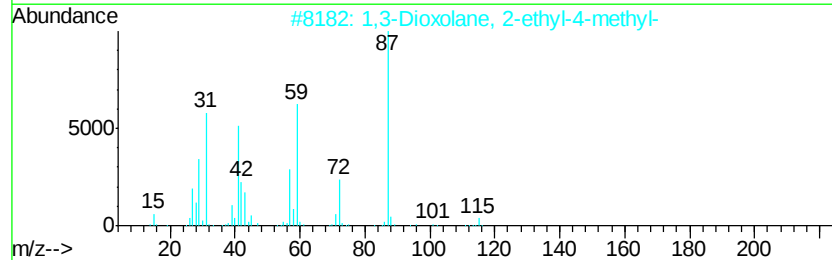
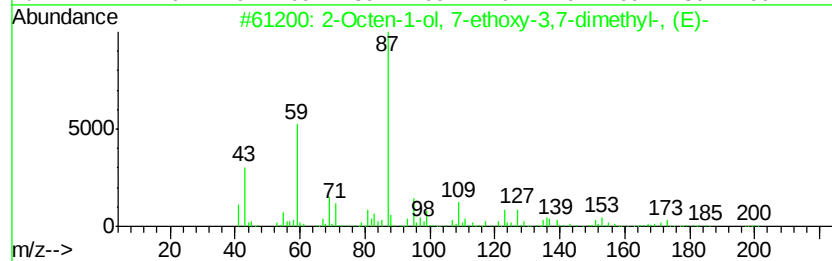
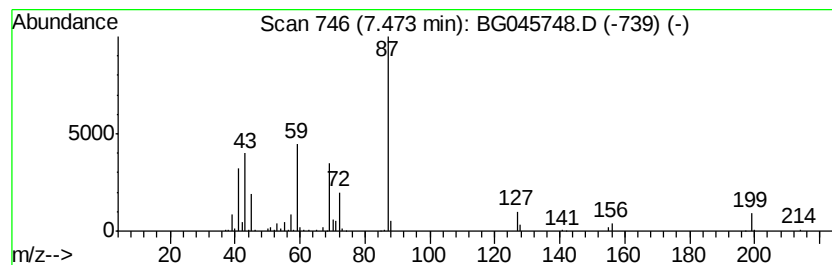
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Peak Number 3 2-Octen-1-ol, 7-ethoxy-3,7-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	20.07 ng	373066	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octen-1-ol, 7-ethoxy-3,7-dimet...	200	C12H24O2	1000132-19-5	53
2		1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	45
3		Dimethyl(ethenyl)silyloxycyclohe...	184	C10H20OSi	1000278-80-9	45
4		2-[2-[2-[2-(2-Methoxyethoxy)etho...	294	C13H26O7	1000351-91-3	45
5		2-[2-[2-(2-Methoxyethoxy)ethoxy]...	250	C11H22O6	1000351-91-4	45



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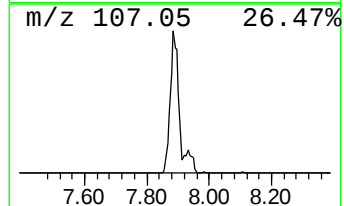
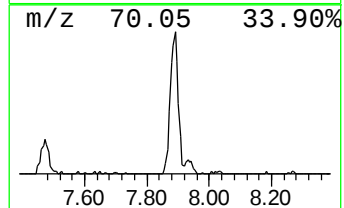
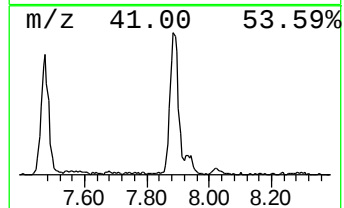
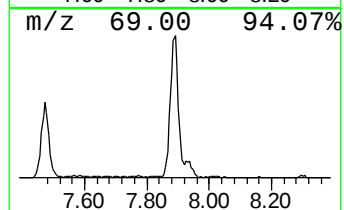
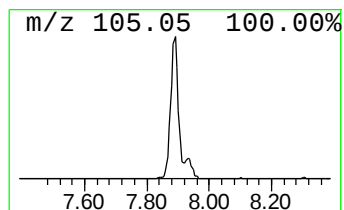
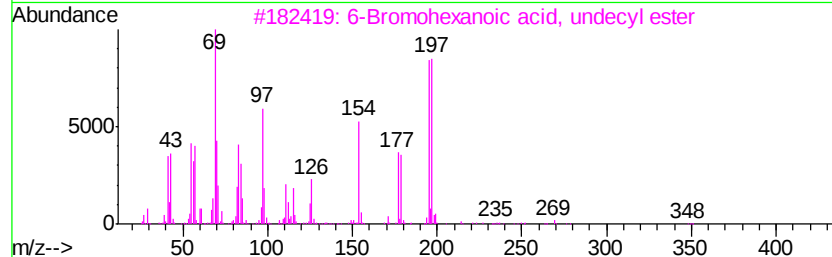
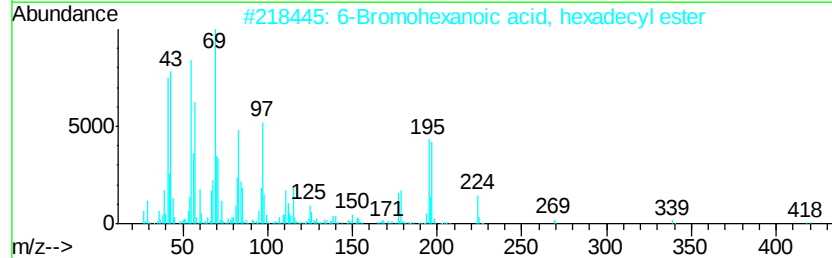
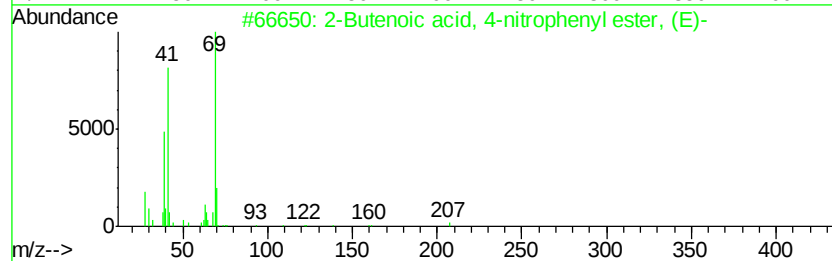
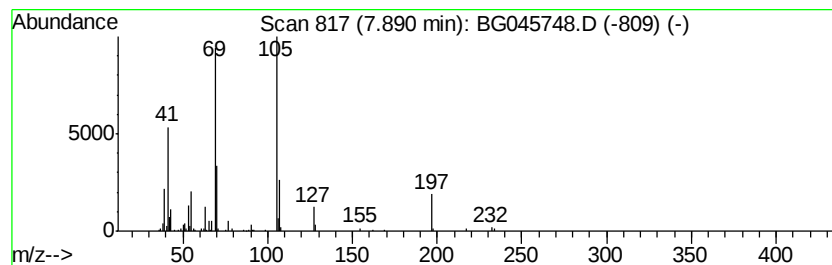
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Peak Number 4 unknown7.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	18.47 ng	343329	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	38
2		6-Bromohexanoic acid, hexadecyl ...	418	C22H43BrO2	1000281-92-0	38
3		6-Bromohexanoic acid, undecyl ester	348	C17H33BrO2	1000282-90-4	37
4		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	37
5		Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	37



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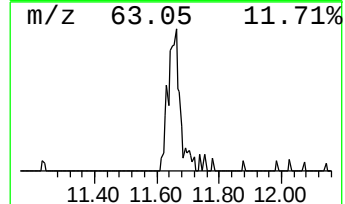
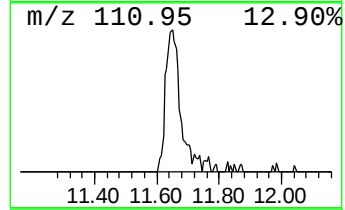
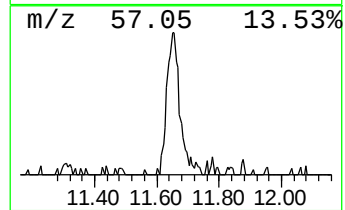
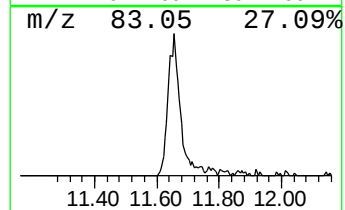
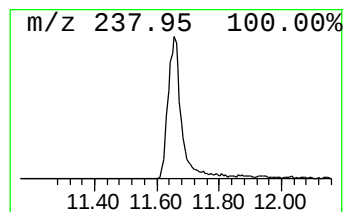
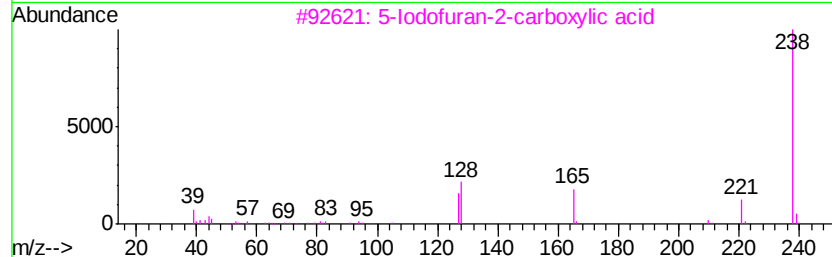
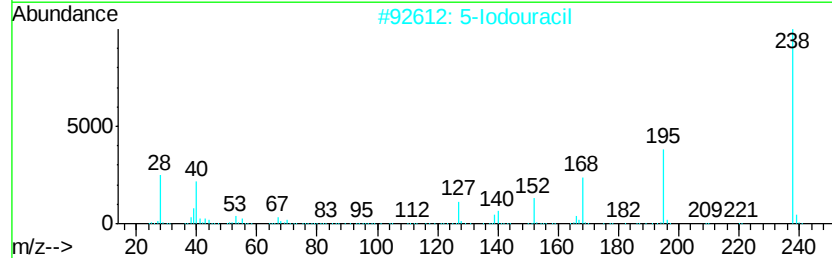
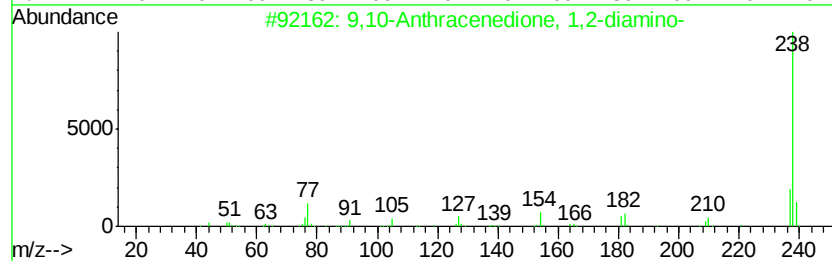
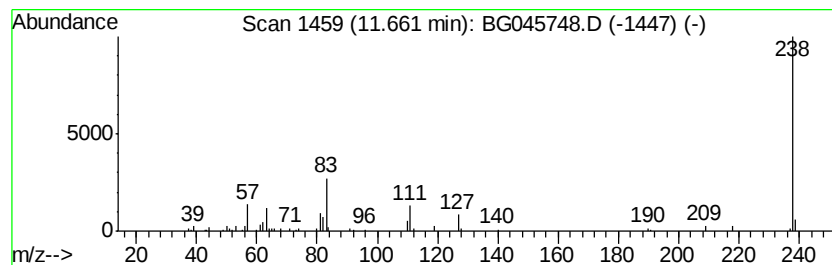
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Peak Number 6 unknown11.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	7.31 ng	188803	Naphthalene-d8	10.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,2-diamino-	238	C14H10N2O2	001758-68-5	9		
2	5-Iodouracil	238	C4H3IN2O2	000696-07-1	9		
3	5-Iodofuran-2-carboxylic acid	238	C5H3IO3	1000311-58-2	9		
4	9,10-Anthracenedione, 1,4-diamino-	238	C14H10N2O2	000128-95-0	9		
5	1,5-Diaminoanthraquinone	238	C14H10N2O2	000129-44-2	7		



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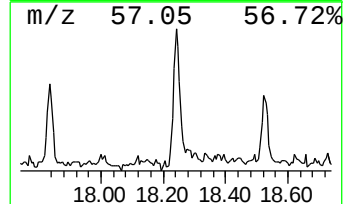
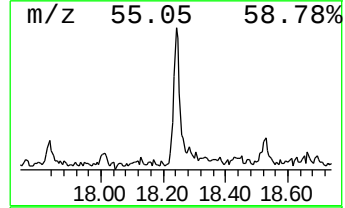
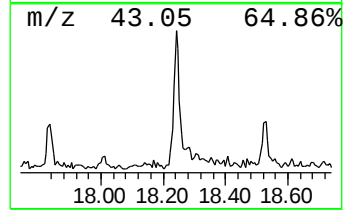
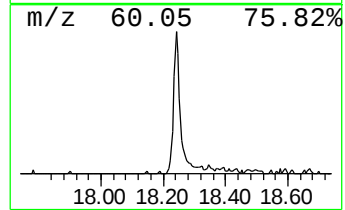
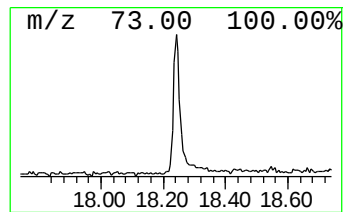
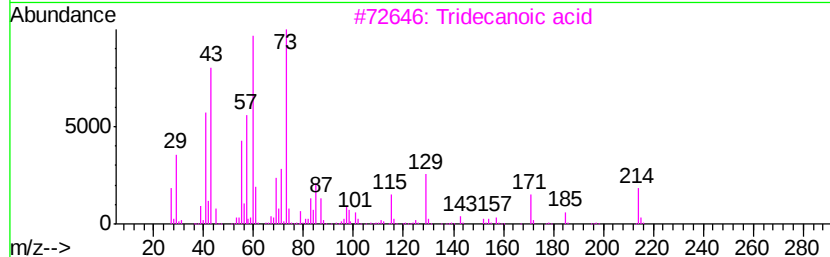
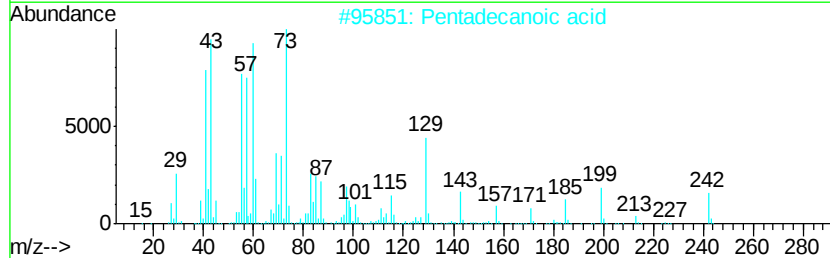
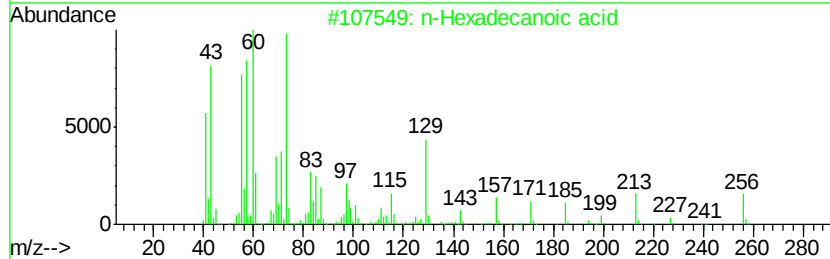
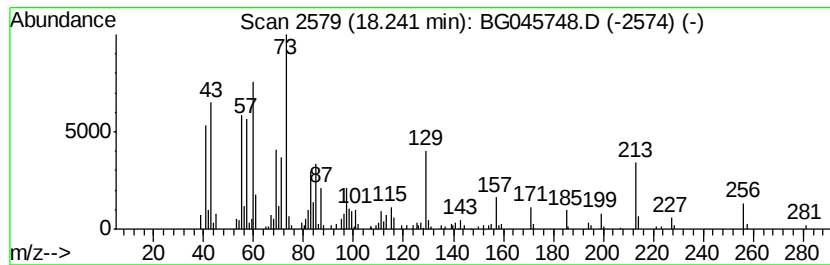
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ClientSampleId :
SS043MW014-200610

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	5.61 ng	222759	Phenanthrene-d10	17.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045748.D
Acq On : 12 Jun 2020 20:03
Operator : CG/JU
Sample : L2993-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

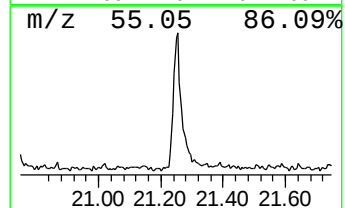
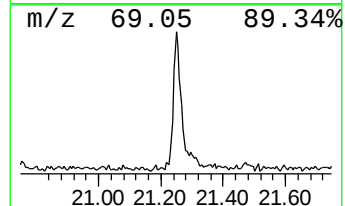
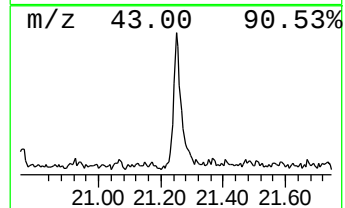
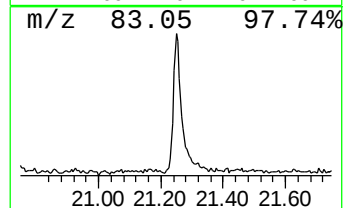
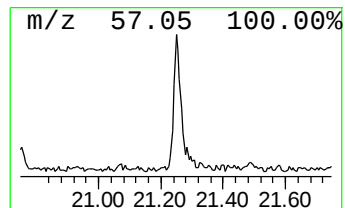
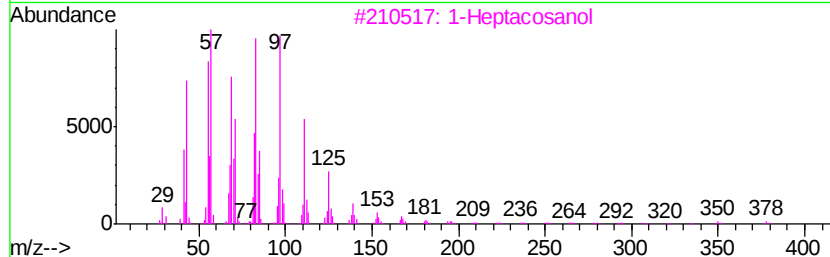
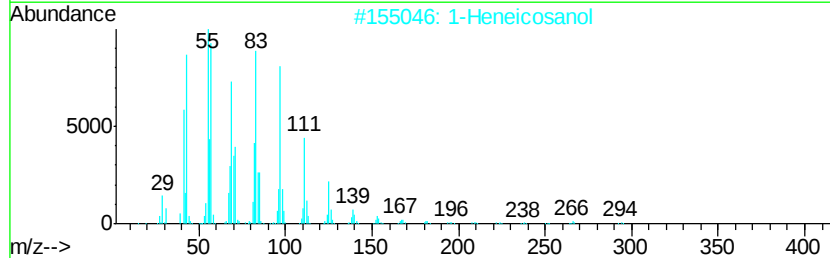
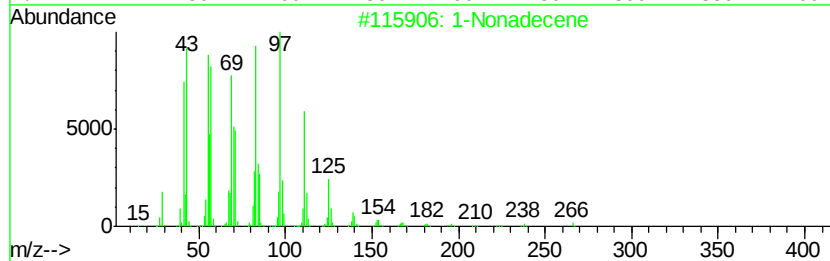
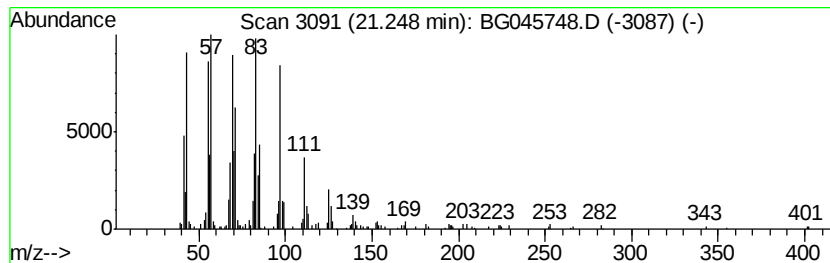
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.25	6.26 ng	257124	Chrysene-d12	21.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95	
2	1-Heneicosanol	312	C21H44O	015594-90-8	93	
3	1-Heptacosanol	396	C27H56O	002004-39-9	91	
4	Behenic alcohol	326	C22H46O	000661-19-8	90	
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045748.D
Acq On : 12 Jun 2020 20:03
Operator : CG/JU
Sample : L2993-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610

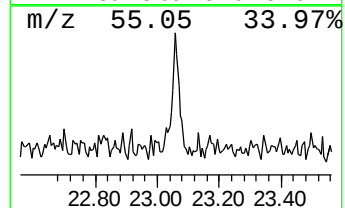
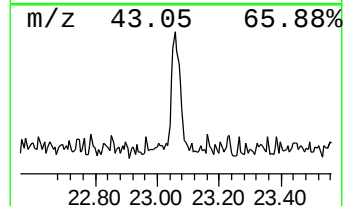
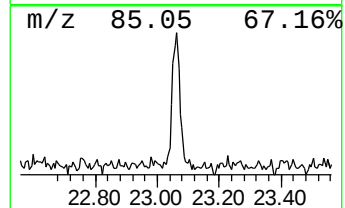
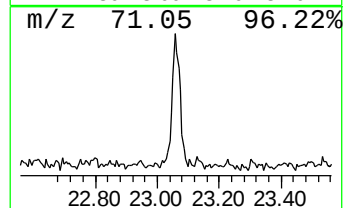
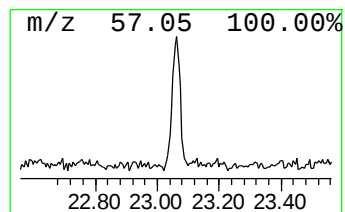
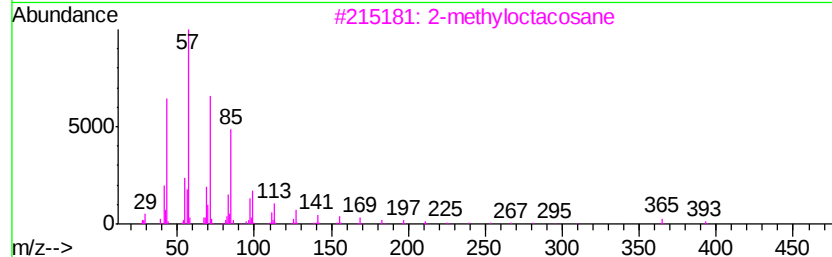
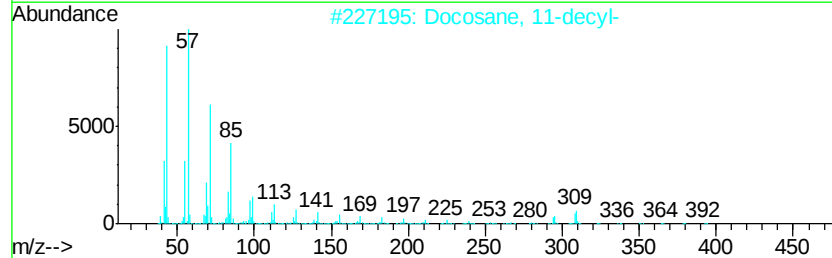
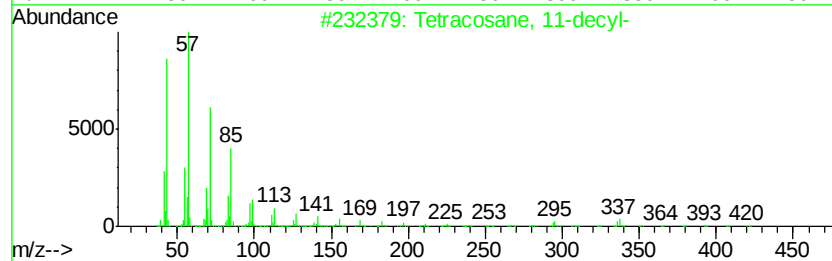
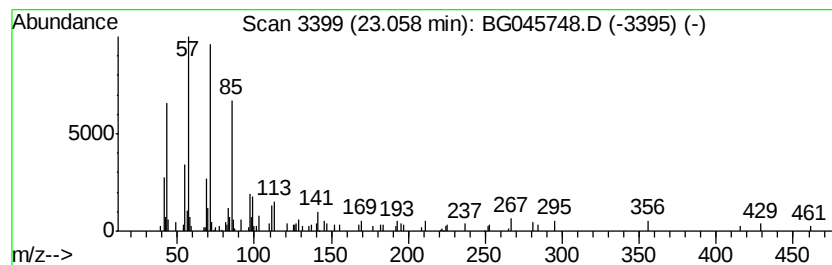
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane, 11-decyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	2.02 ng	82894	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	80
3		2-methyloctacosane	408	C29H60	1000376-72-8	72
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
5		Tetratetracontane	619	C44H90	007098-22-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045748.D
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Operator : CG/JU
Sample : L2993-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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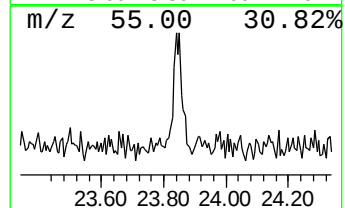
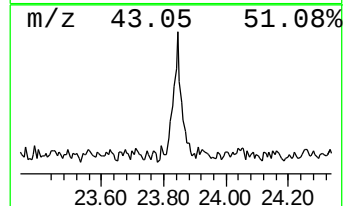
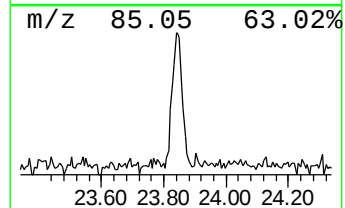
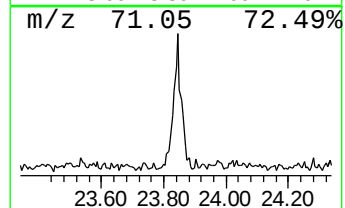
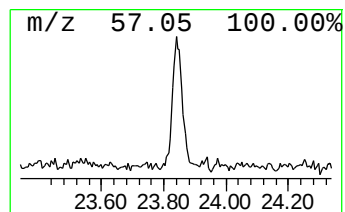
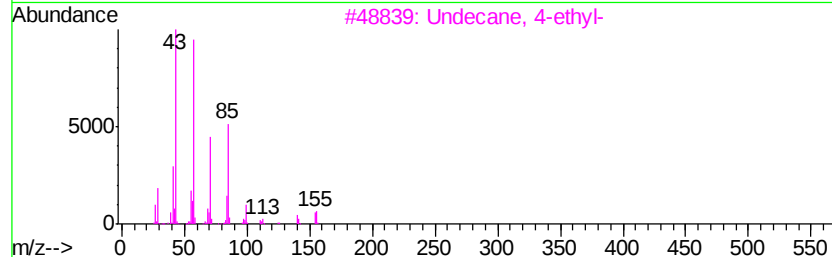
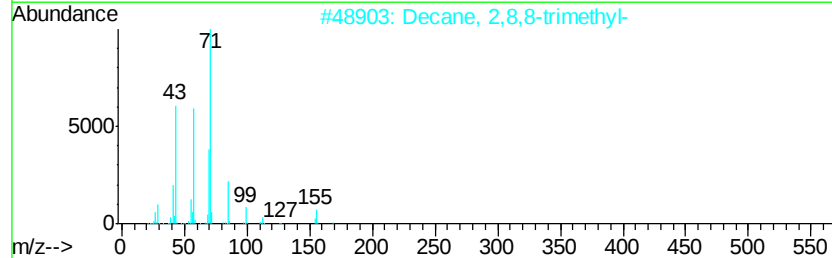
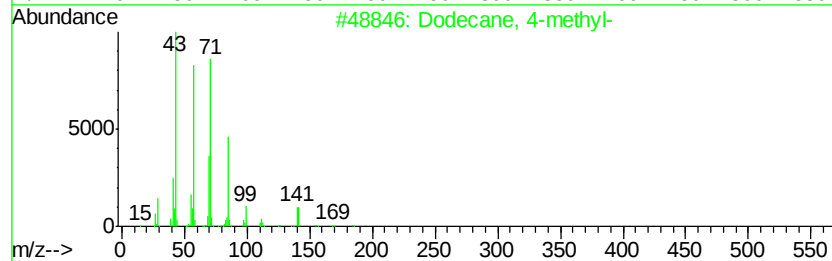
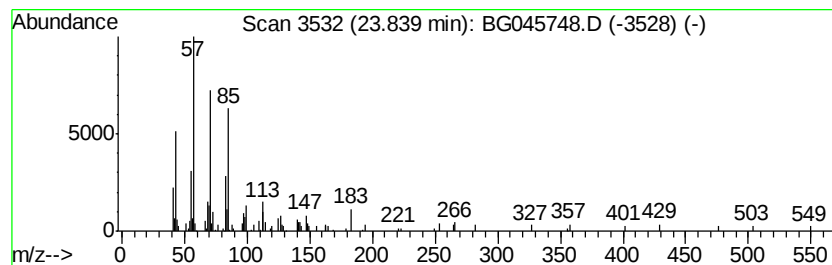
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	2.19 ng	98275	Perylene-d12	24.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
2		Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50
3		Undecane, 4-ethyl-	184	C13H28	017312-59-3	47
4		Eicosane	282	C20H42	000112-95-8	43
5		Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061220\
Data File : BG045748.D
Acq On : 12 Jun 2020 20:03
Operator : CG/JU
Sample : L2993-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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
Trichloroethylene	3.35	286.6	ng	5325580	1	7.94	371677	20.0
unknown6.95	6.95	4.5	ng	83283	1	7.94	371677	20.0
2-Octen-1-ol, 7-e...	7.47	20.1	ng	373066	1	7.94	371677	20.0
unknown7.89	7.89	18.5	ng	343329	1	7.94	371677	20.0
unknown11.66	11.66	7.3	ng	188803	2	10.75	516844	20.0
n-Hexadecanoic acid	18.24	5.6	ng	222759	4	17.34	794010	20.0
1-Nonadecene	21.25	6.3	ng	257124	5	21.60	822135	20.0
Tetracosane, 11-d...	23.06	2.0	ng	82894	5	21.60	822135	20.0
Dodecane, 4-methyl-	23.84	2.2	ng	98275	6	24.74	895945	20.0