

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045318.D
 Acq On : 12 May 2020 6:43
 Operator : CG/JU
 Sample : L2531-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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-BG041520.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	3.130	3	7	14	rVB	53658	81108	1.66%	0.293%
2	5.545	410	418	432	rBV	1085271	1870553	38.18%	6.761%
3	7.142	681	690	703	rBV	1230926	2212767	45.16%	7.998%
4	7.977	823	832	840	rBV	296325	527792	10.77%	1.908%
5	8.300	878	887	896	rBV	1026818	1823994	37.23%	6.593%
6	9.134	1020	1029	1040	rBV	781486	1473166	30.07%	5.325%
7	10.779	1302	1309	1321	rBV	406628	781046	15.94%	2.823%
8	13.240	1721	1728	1737	rBV	2451780	3813638	77.84%	13.784%
9	14.062	1862	1868	1875	rBV	313263	481529	9.83%	1.740%
10	14.621	1953	1963	1972	rBV	713098	1187398	24.24%	4.292%
11	16.107	2209	2216	2230	rBV	1920349	3073514	62.73%	11.109%
12	17.364	2424	2430	2436	rBV	877377	1377374	28.11%	4.978%
13	19.420	2775	2780	2785	rBV	60501	101975	2.08%	0.369%
14	19.778	2837	2841	2848	rVB	60675	106570	2.18%	0.385%
15	19.984	2870	2876	2882	rBV	3575691	4899416	100.00%	17.708%
16	21.288	3094	3098	3105	rVB2	168670	264698	5.40%	0.957%
17	21.629	3150	3156	3168	rVB	747819	1324077	27.03%	4.786%
18	21.834	3188	3191	3196	rVB	116230	157675	3.22%	0.570%
19	22.439	3290	3294	3301	rVB	158312	251611	5.14%	0.909%
20	23.127	3406	3411	3418	rVB2	186079	355225	7.25%	1.284%
21	23.920	3542	3546	3553	rVB2	208944	401560	8.20%	1.451%
22	24.801	3688	3696	3702	rBV	409305	1100996	22.47%	3.979%

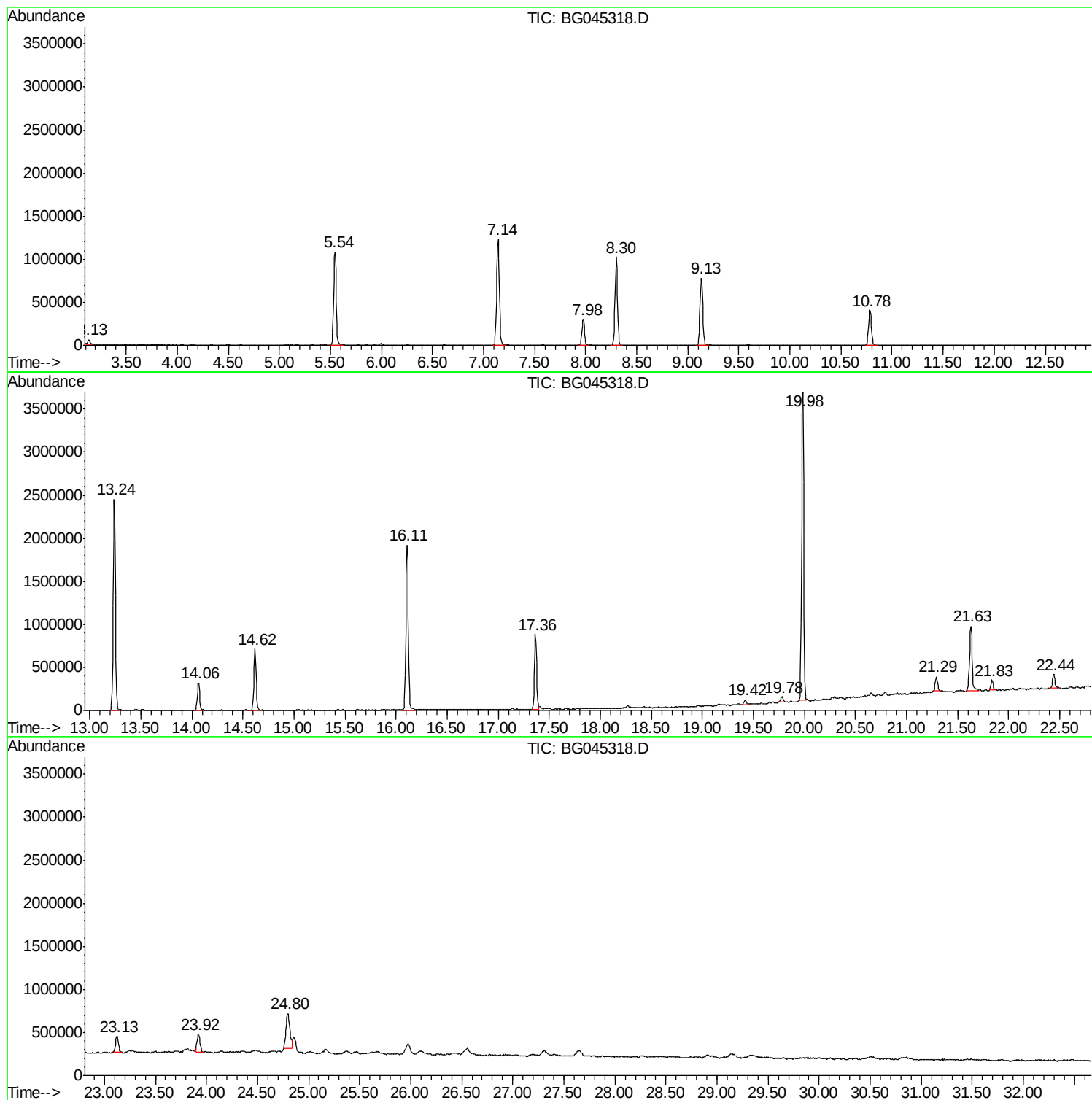
Sum of corrected areas: 27667682

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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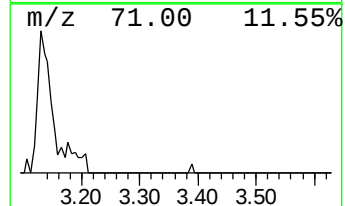
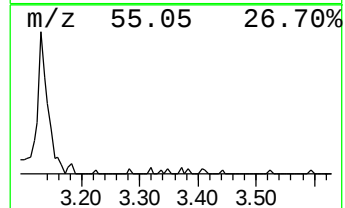
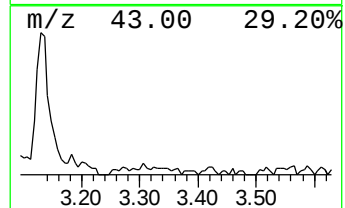
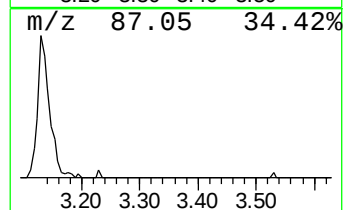
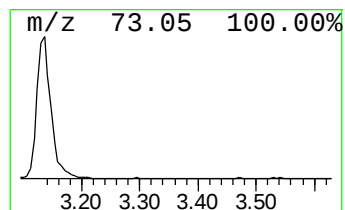
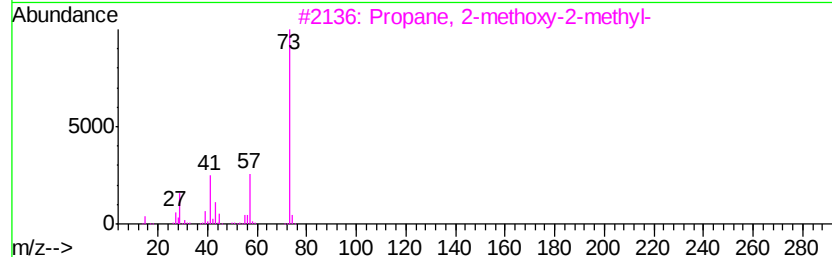
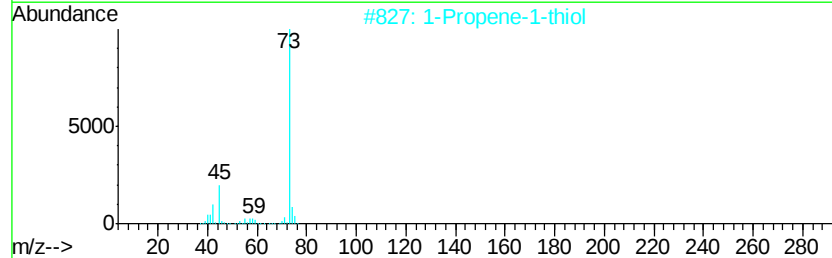
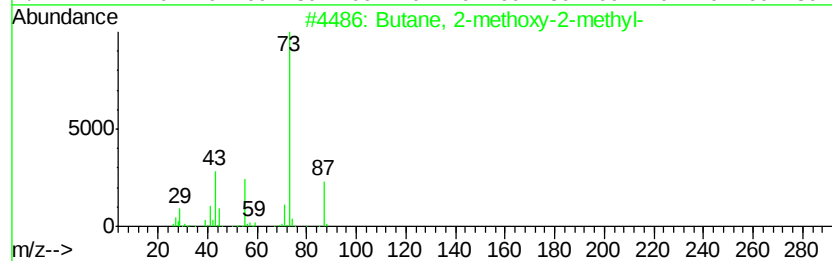
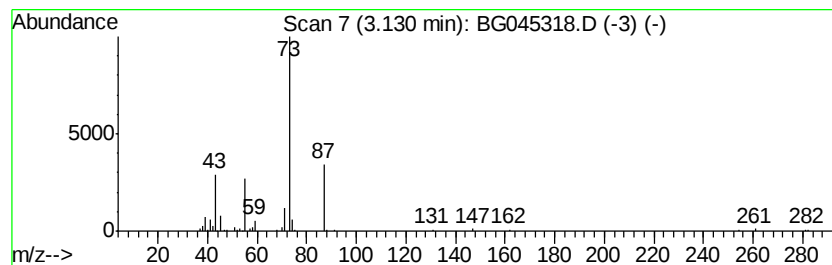
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	3.07 ng	81108	1,4-Dichlorobenzene-d4	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2		1-Propene-1-thiol	74	C3H6S	000925-89-3	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5		D-Epi-Inositol, 4-C-methyl-	194	C7H14O6	040788-89-4	9



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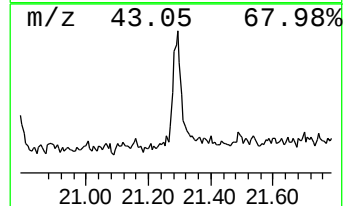
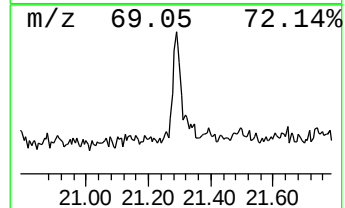
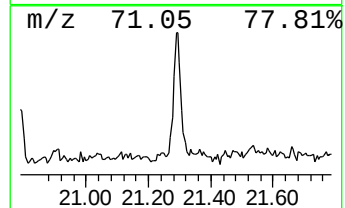
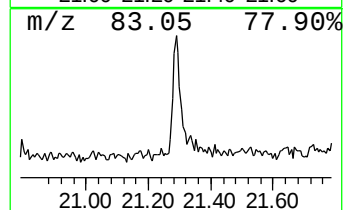
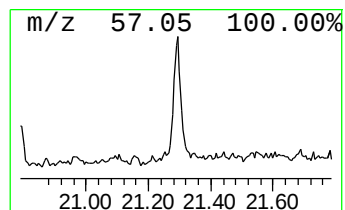
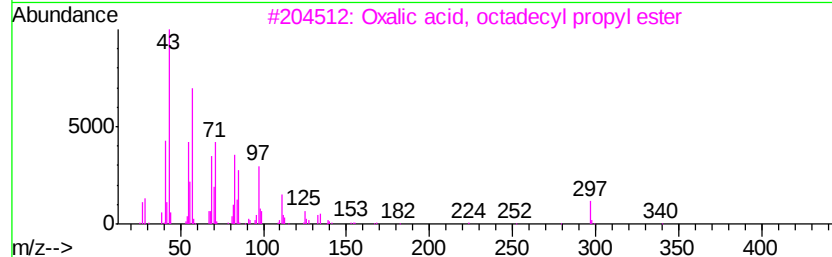
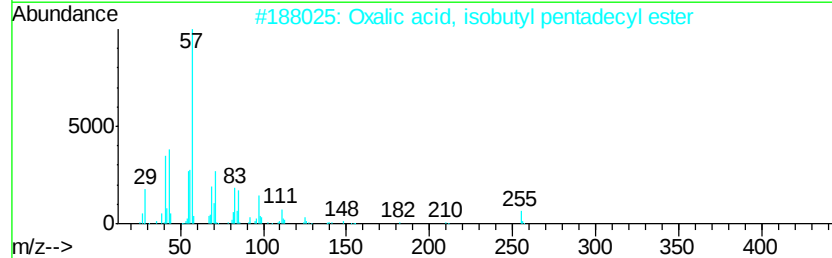
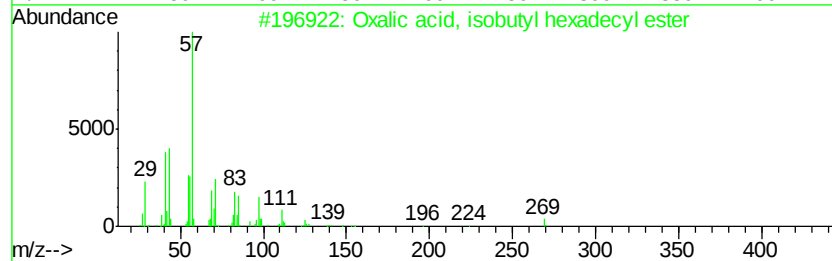
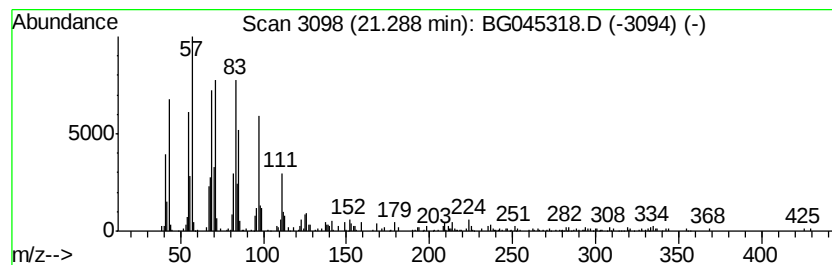
Instrument :
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Oxalic acid, isobutyl hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.29	4.00 ng	264698	Chrysene-d12	21.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91	
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91	
3	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91	
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	68	
5	Cyclohexadecane	224	C16H32	000295-65-8	64	



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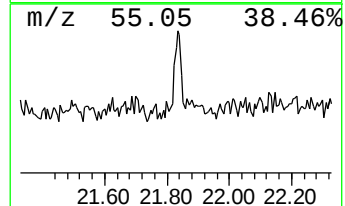
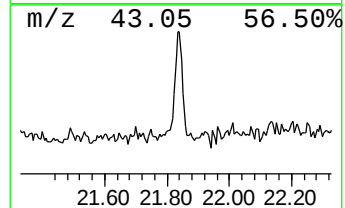
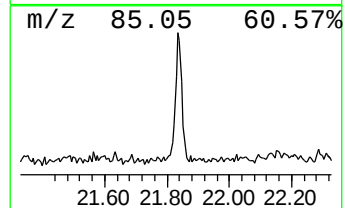
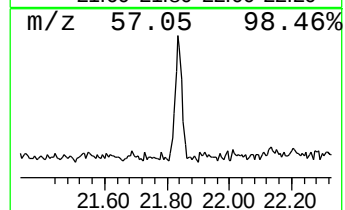
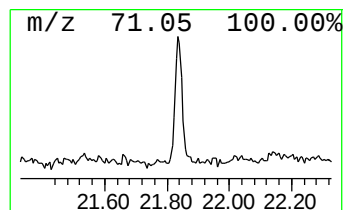
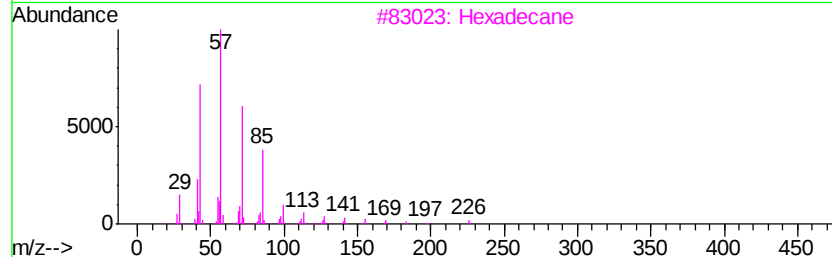
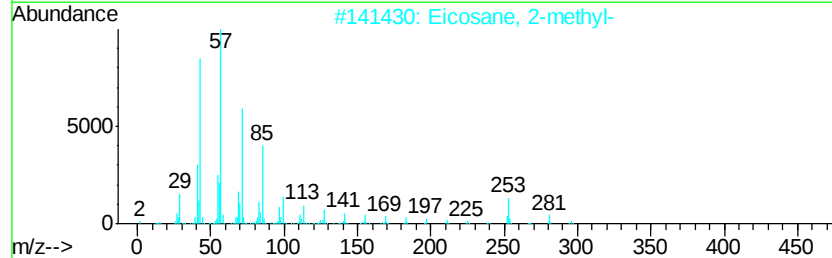
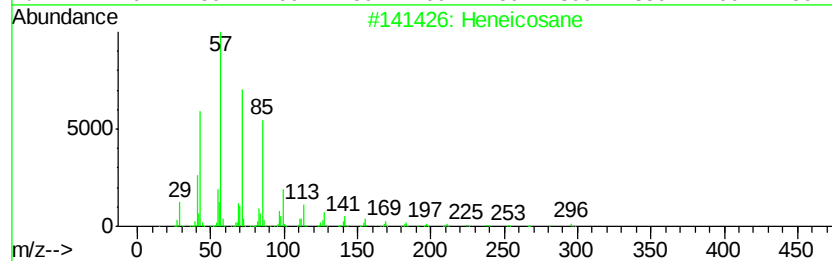
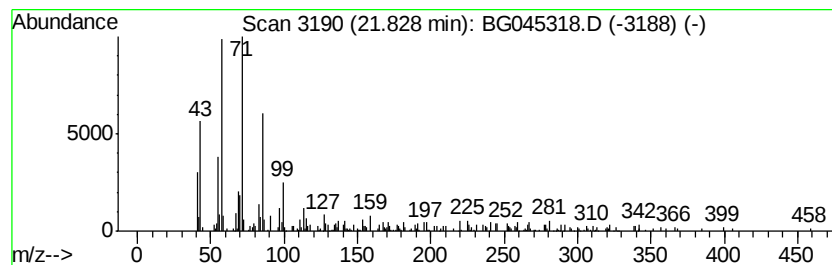
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Peak Number 4 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.38 ng	157675	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3		Hexadecane	226	C16H34	000544-76-3	81
4		Docosane	310	C22H46	000629-97-0	81
5		Tetradecane	198	C14H30	000629-59-4	81



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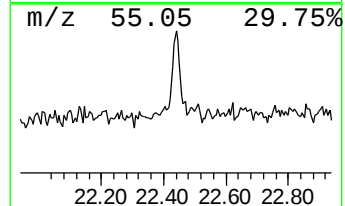
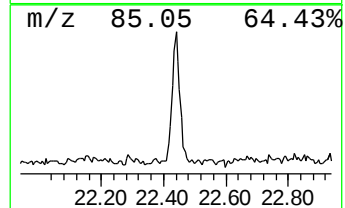
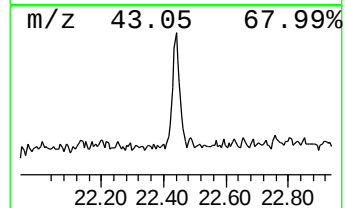
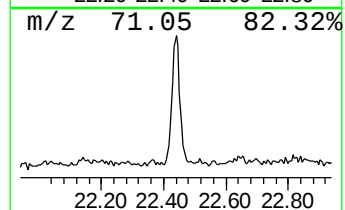
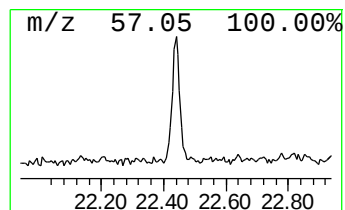
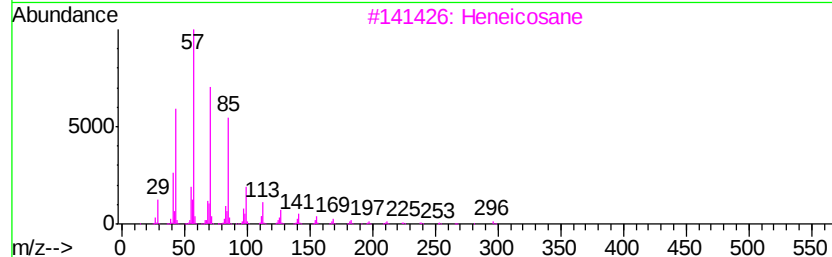
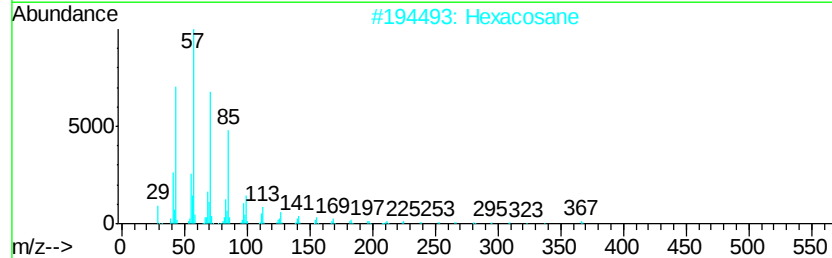
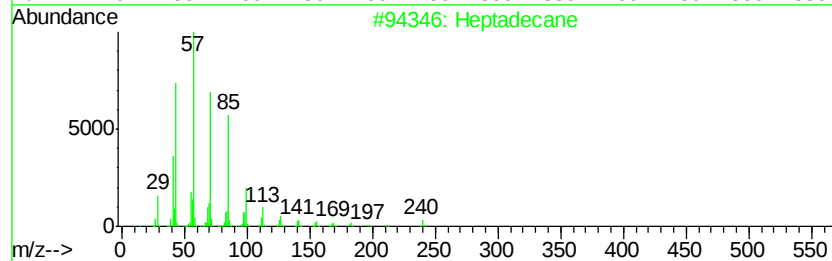
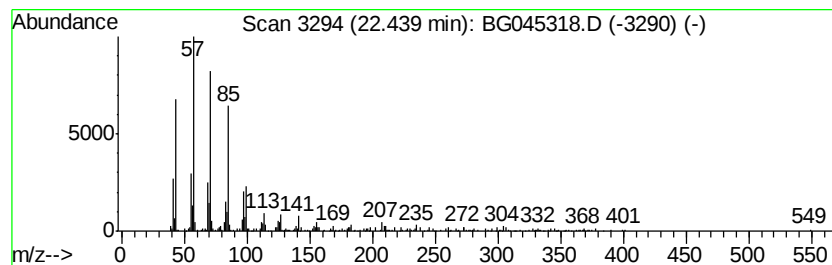
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Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.80 ng	251611	Chrysene-d12	21.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	87
2	Hexacosane		366	C26H54	000630-01-3	83
3	Heneicosane		296	C21H44	000629-94-7	83
4	Tetracosane		338	C24H50	000646-31-1	80
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	80



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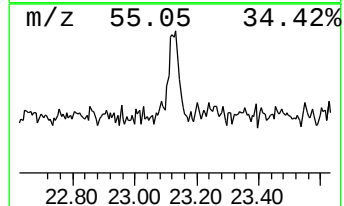
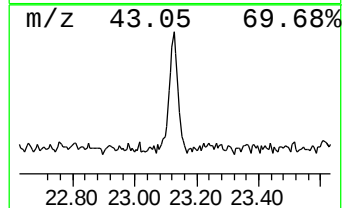
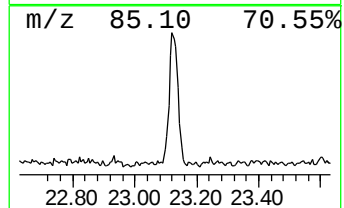
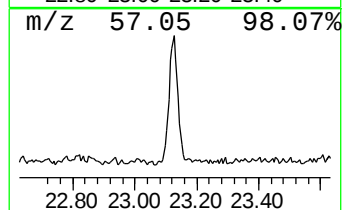
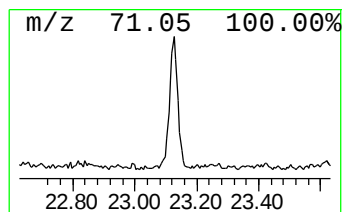
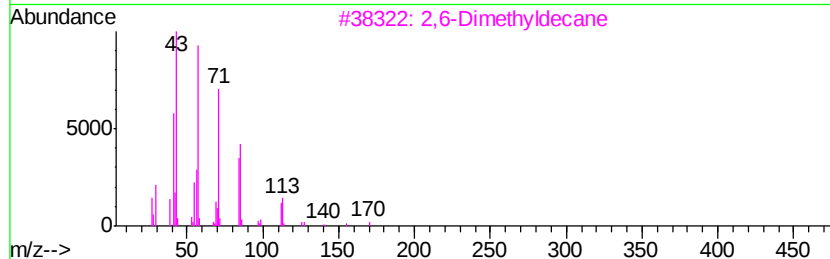
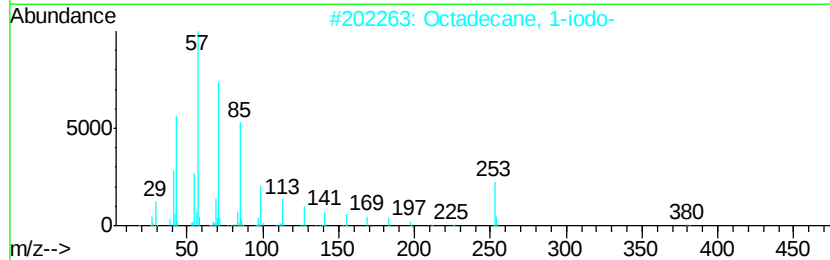
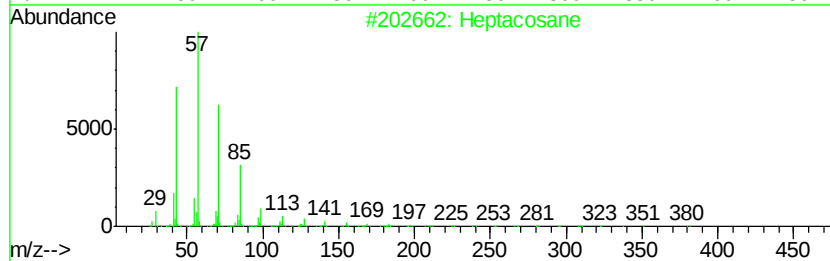
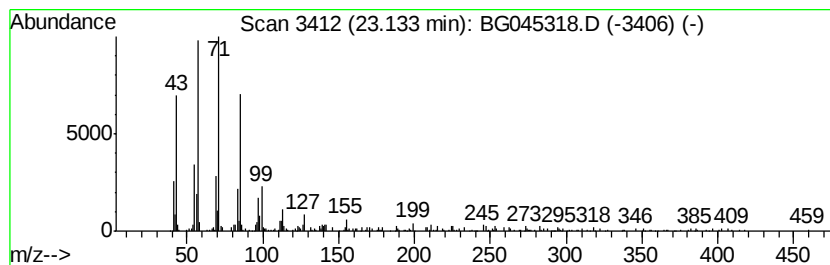
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	5.37 ng	355225	Chrysene-d12	21.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	95
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	53
3	2,6-Dimethyldecane		170	C12H26	013150-81-7	52
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	52
5	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	49



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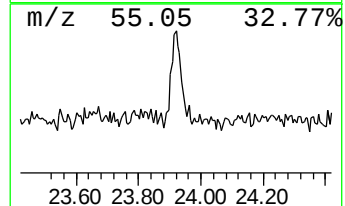
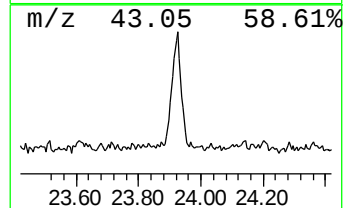
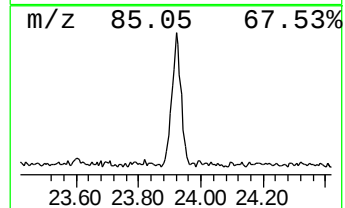
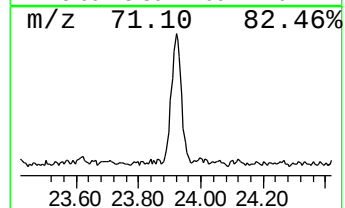
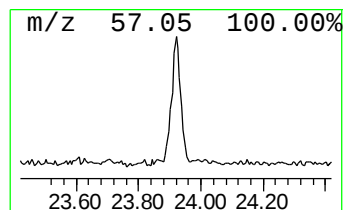
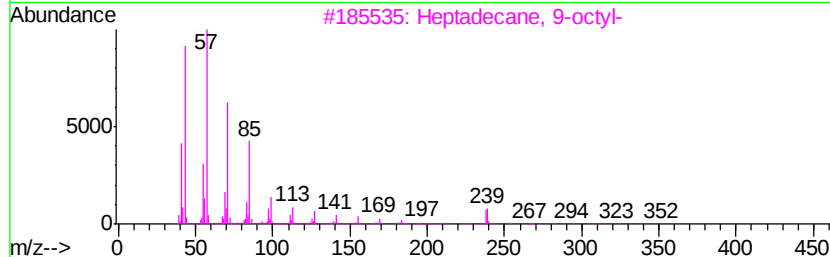
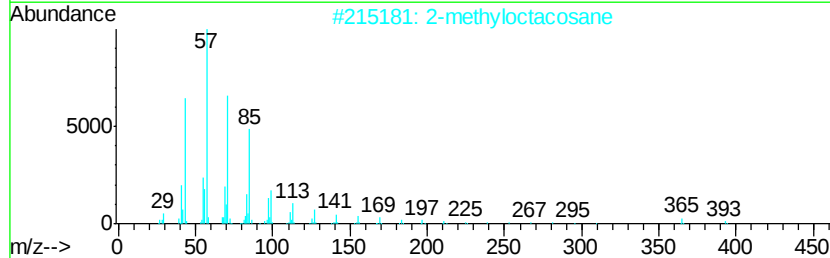
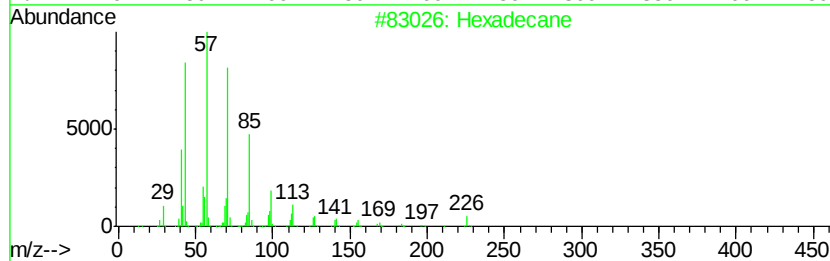
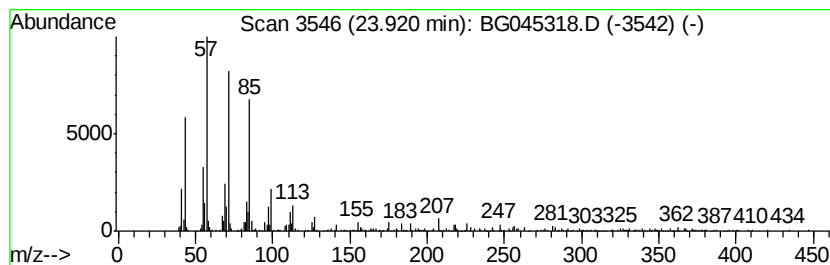
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	7.29 ng	401560	Perylene-d12	24.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane			226	C16H34	000544-76-3	90
2	2-methyloctacosane			408	C29H60	1000376-72-8	90
3	Heptadecane, 9-octyl-			352	C25H52	007225-64-1	87
4	6,6-Diethylhexadecane			282	C20H42	1000360-41-4	86
5	Heptadecane			240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045318.D
Acq On : 12 May 2020 6:43
Operator : CG/JU
Sample : L2531-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-14A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
unknown3.13	3.13	3.1	ng	81108	1	7.97	527792	20.0
Oxalic acid, isob...	21.29	4.0	ng	264698	5	21.63	1324080	20.0
Heneicosane	21.83	2.4	ng	157675	5	21.63	1324080	20.0
Heptadecane	22.44	3.8	ng	251611	5	21.63	1324080	20.0
Heptacosane	23.13	5.4	ng	355225	5	21.63	1324080	20.0
Hexadecane	23.92	7.3	ng	401560	6	24.80	1101000	20.0