

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041886.D
 Acq On : 2 Aug 2019 13:36
 Operator : HP/JU
 Sample : K4107-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1

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-BG072719.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	3.171	9	14	42	rVB	421508	1084476	2.19%	0.755%
2	5.591	419	426	438	rBV	807233	1315603	2.65%	0.916%
3	7.190	690	698	713	rVB	839914	1436021	2.89%	0.999%
4	7.571	755	763	771	rBV	812641	1425733	2.87%	0.992%
5	8.365	891	898	907	rBV	552612	972289	1.96%	0.677%
6	9.205	1031	1041	1053	rBV	454447	821753	1.66%	0.572%
7	10.862	1316	1323	1333	rBV	349449	635481	1.28%	0.442%
8	13.318	1735	1741	1747	rBV	1119889	1700001	3.43%	1.183%
9	14.698	1967	1976	1982	rVB	624547	960066	1.93%	0.668%
10	16.185	2223	2229	2241	rBV	1291659	2122174	4.28%	1.477%
11	17.448	2438	2444	2450	rBV2	845058	1285947	2.59%	0.895%
12	18.341	2585	2596	2608	rBV	739109	1995567	4.02%	1.389%
13	19.610	2805	2812	2830	rVB	810864	2059275	4.15%	1.433%
14	19.957	2842	2871	2876	rBV	6800913	33891297	68.29%	23.585%
15	20.063	2886	2889	2906	rVB2	13287226	22566807	45.47%	15.704%
16	21.044	3045	3056	3063	rBV3	868840	3424851	6.90%	2.383%
17	21.737	3146	3174	3205	rVB3	9288272	49629638	100.00%	34.537%
18	23.288	3433	3438	3446	rVB	254834	496509	1.00%	0.346%
19	23.570	3466	3486	3487	rBV2	2574356	9673635	19.49%	6.732%
20	24.117	3573	3579	3588	rVB2	344531	753110	1.52%	0.524%
21	25.756	3845	3858	3879	rVB2	956501	5447743	10.98%	3.791%

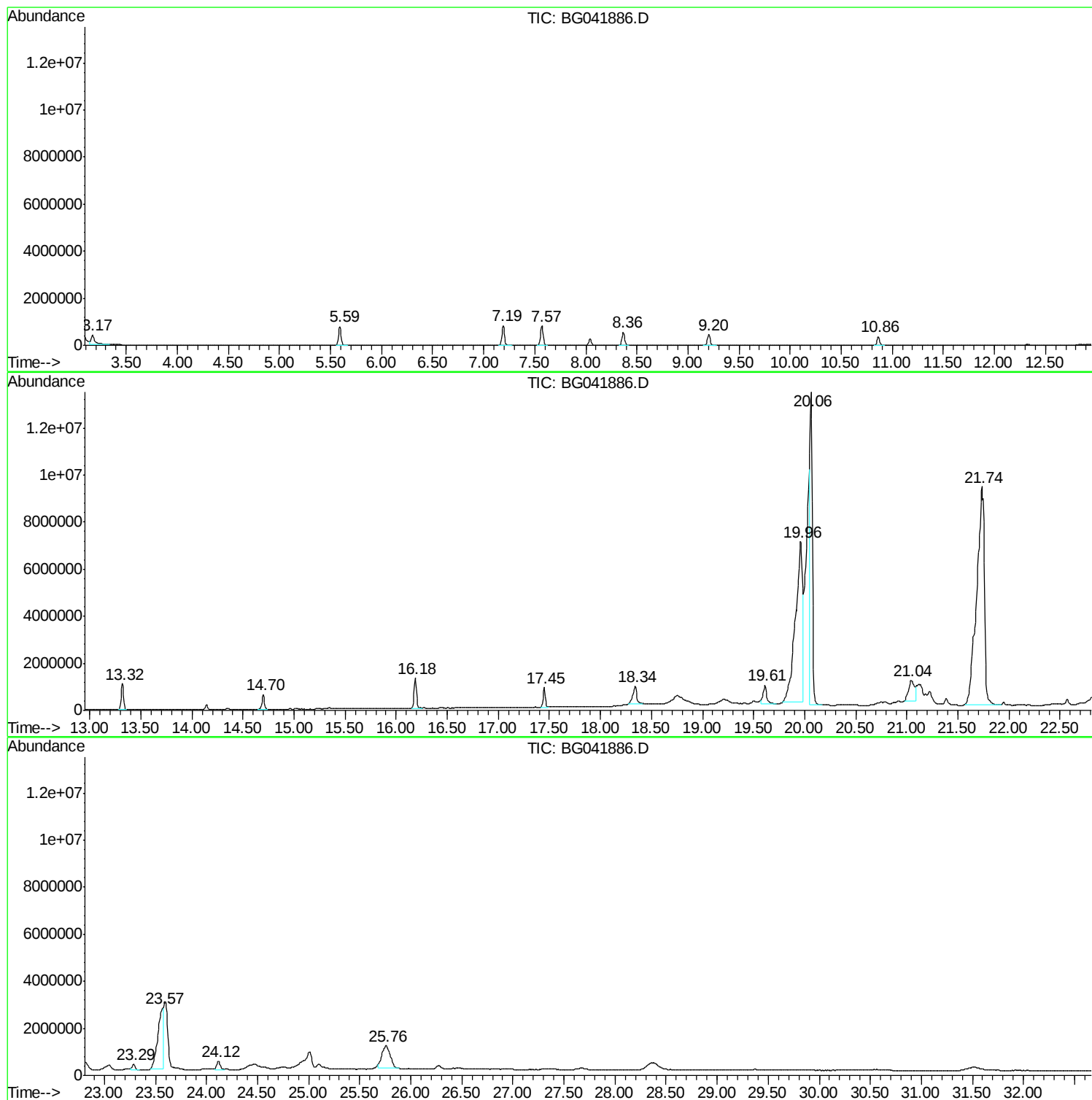
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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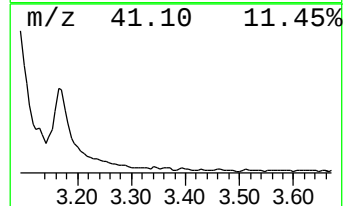
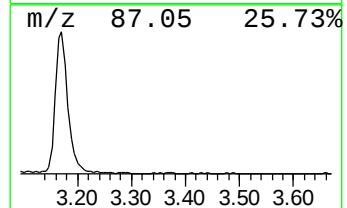
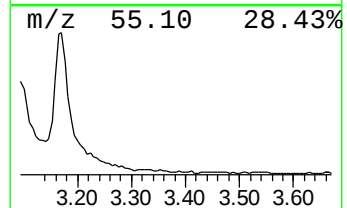
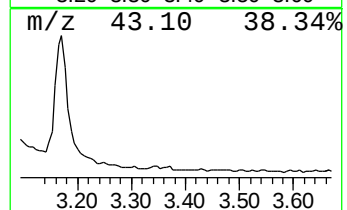
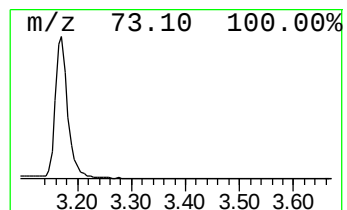
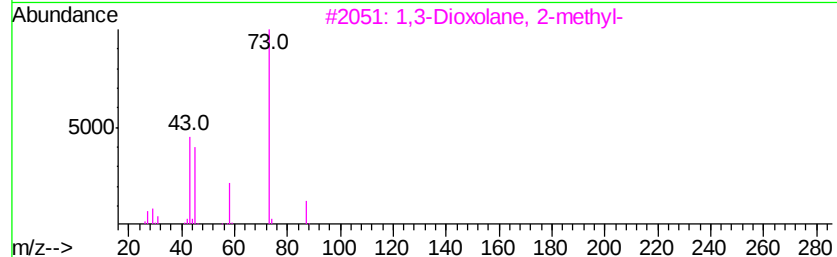
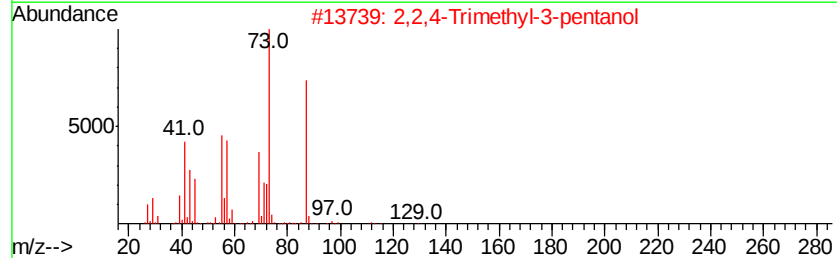
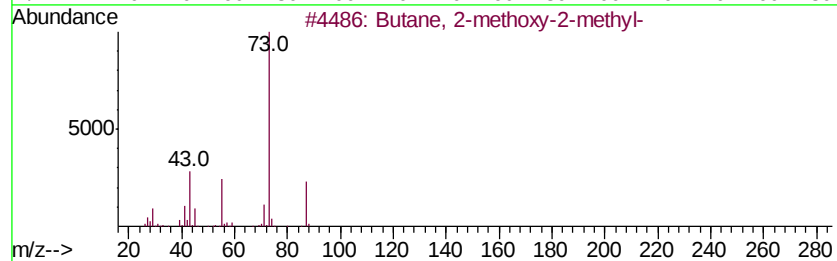
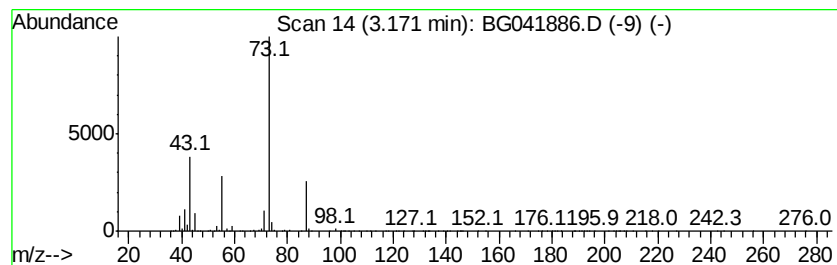
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	22.31 ng	1084480	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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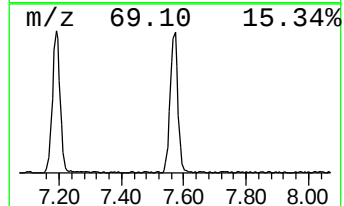
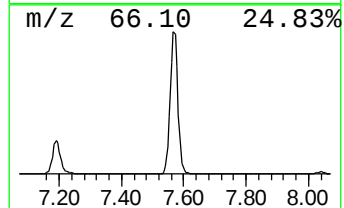
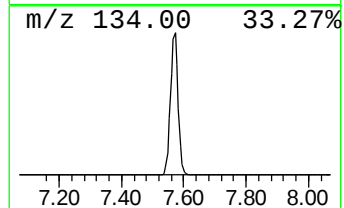
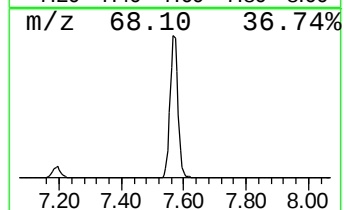
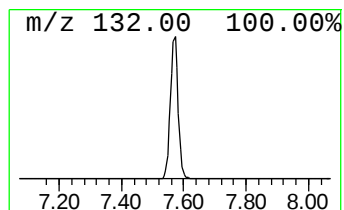
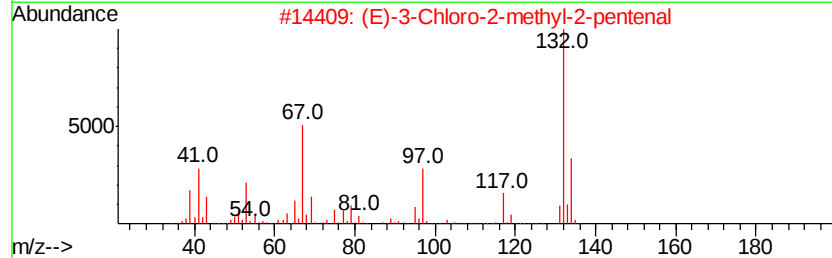
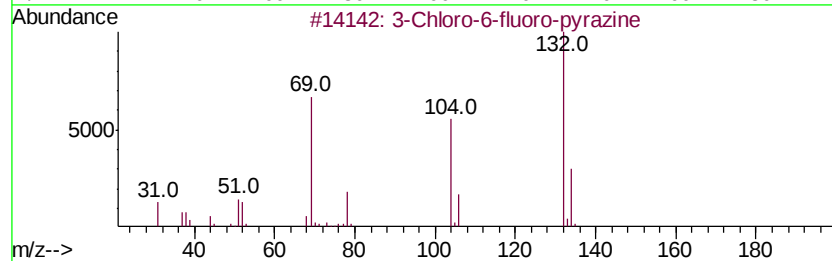
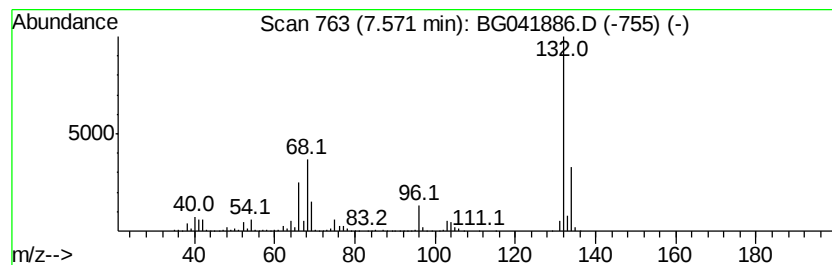
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Peak Number 2 unknown7.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	29.33 ng	1425730	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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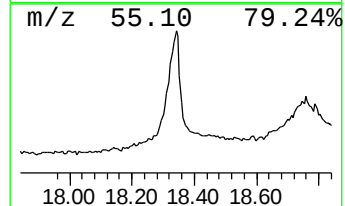
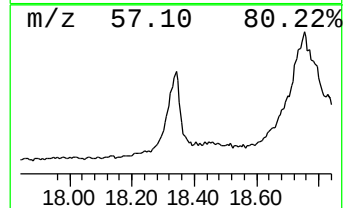
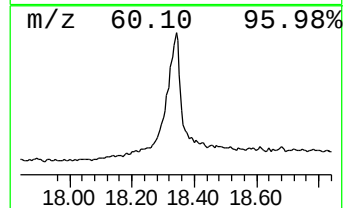
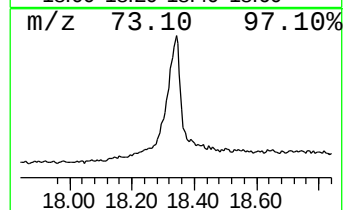
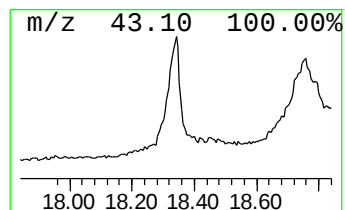
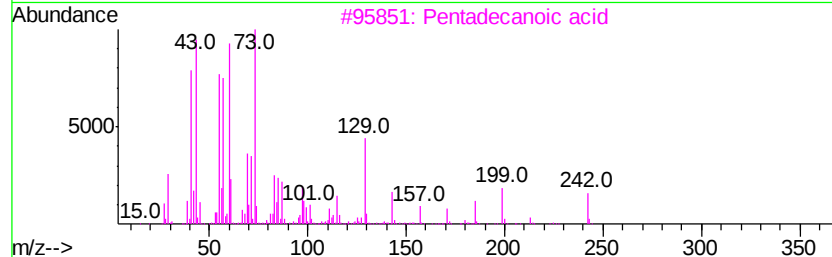
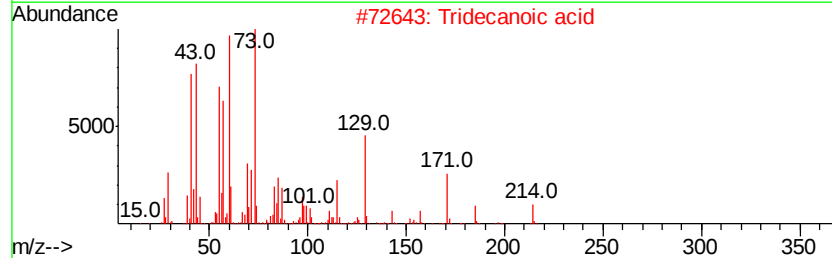
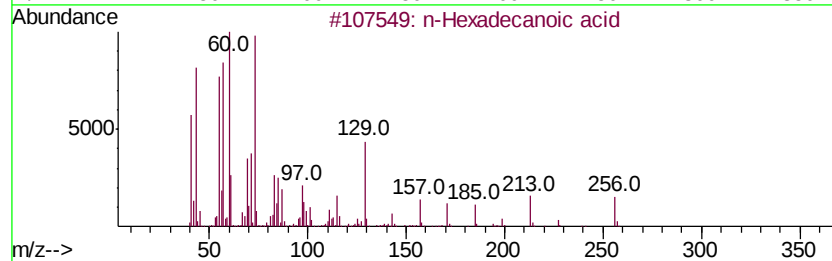
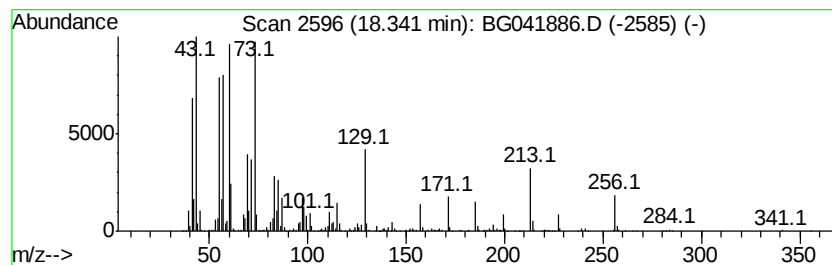
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	31.04 ng	1995570	Phenanthrene-d10	17.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Octadecanoic acid	284	C18H36O2	000057-11-4	64



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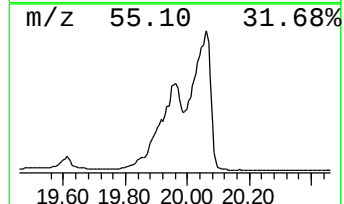
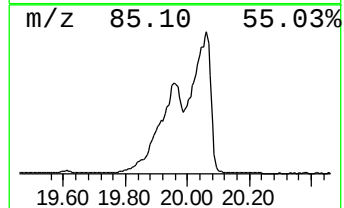
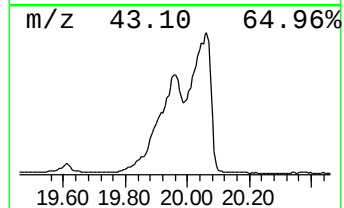
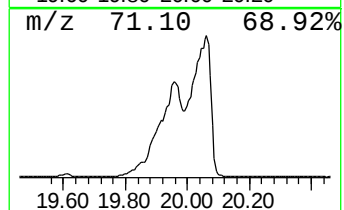
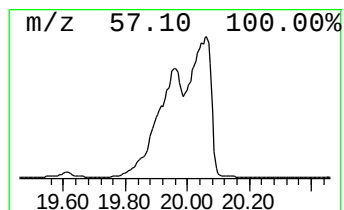
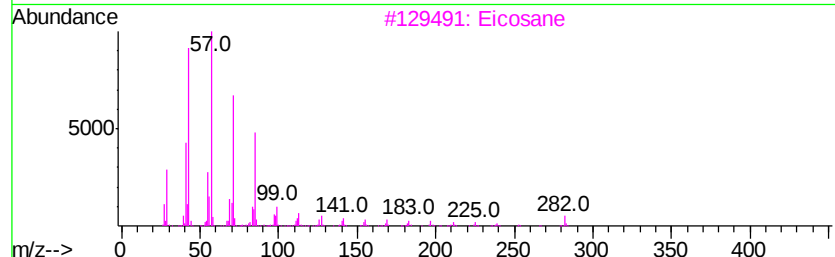
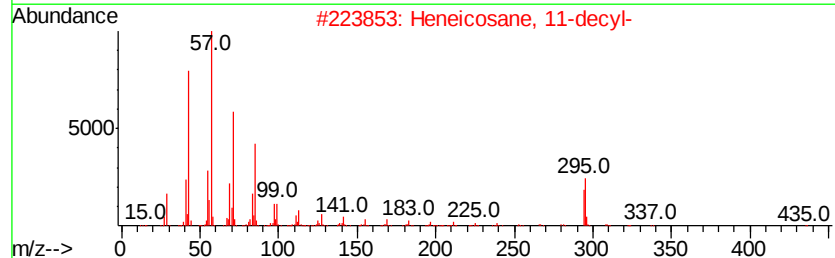
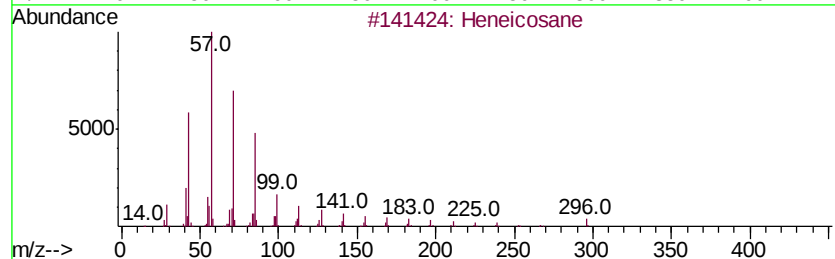
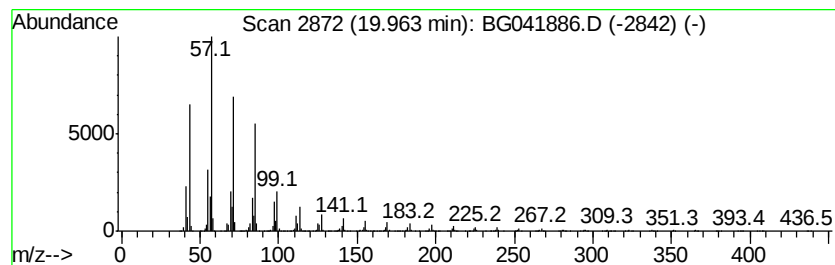
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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	13.66 ng	33891300	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	97
2	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	96
3	Eicosane		282	C20H42	000112-95-8	95
4	Hexacosane		366	C26H54	000630-01-3	94
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	94



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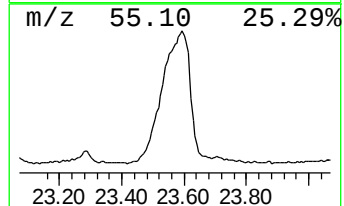
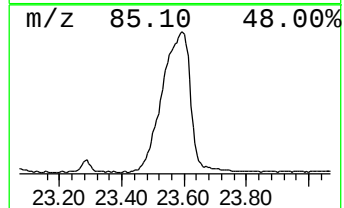
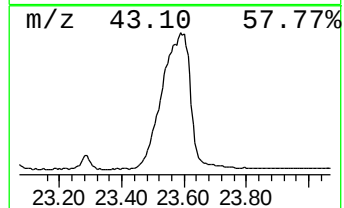
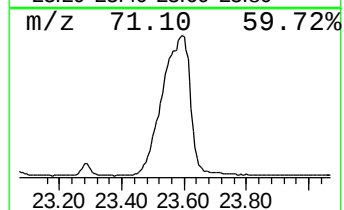
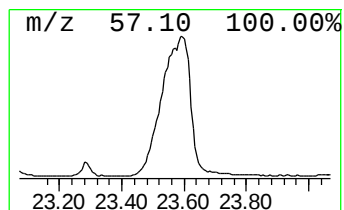
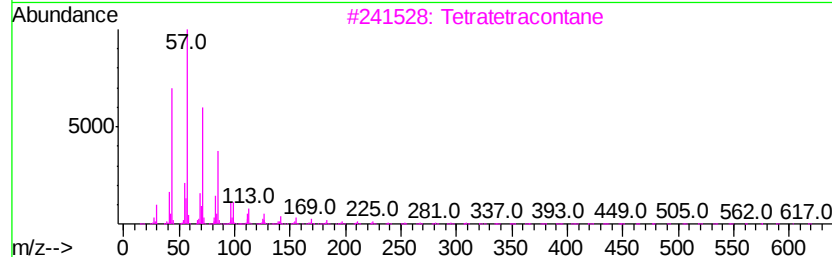
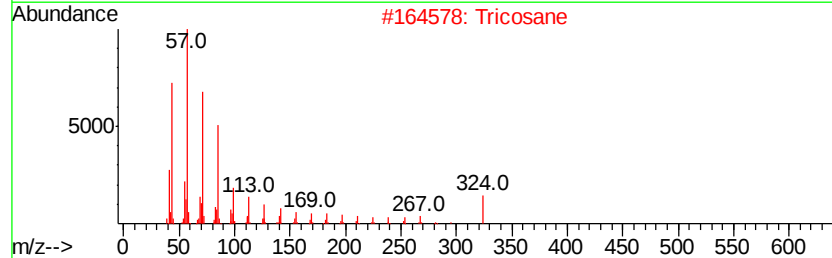
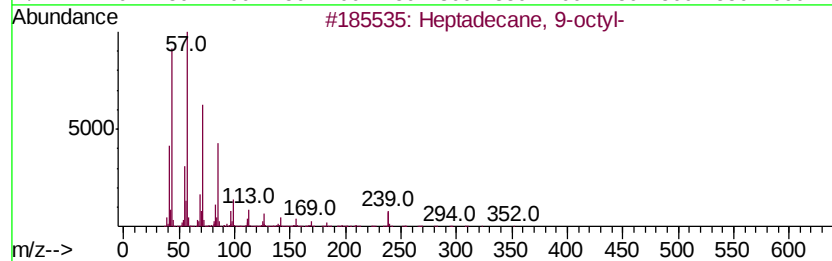
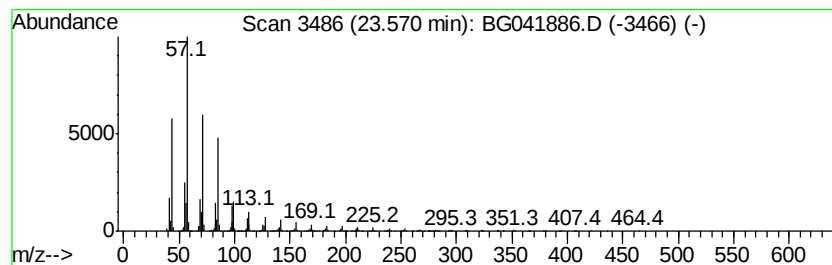
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	35.51 ng	9673640	Perylene-d12	25.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tricosane	324	C23H48	000638-67-5	95
3		Tetratetracontane	619	C44H90	007098-22-8	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5		Hexacosane	366	C26H54	000630-01-3	93



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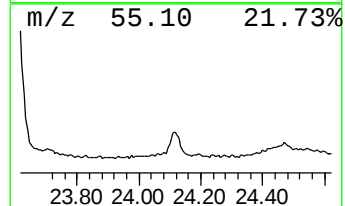
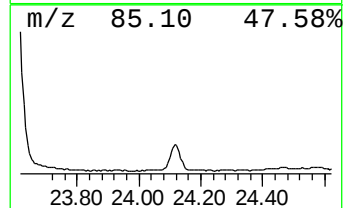
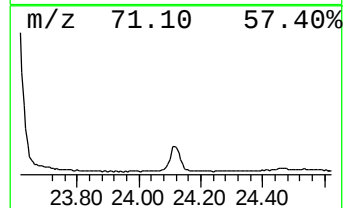
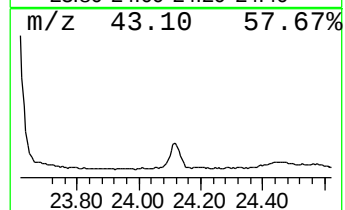
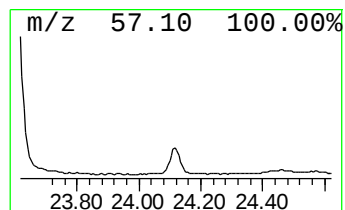
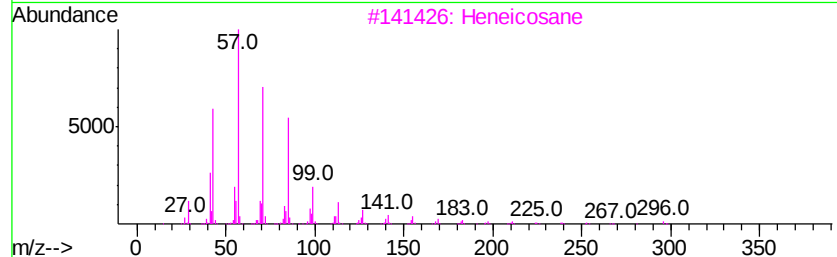
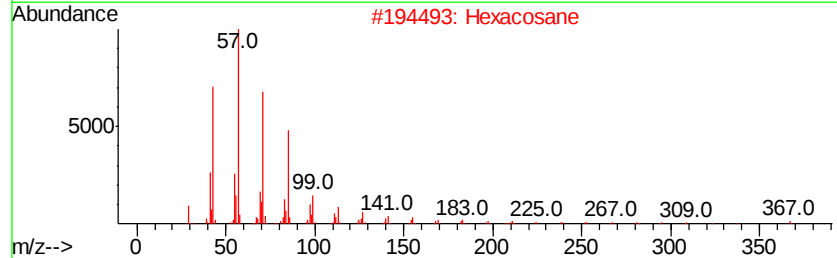
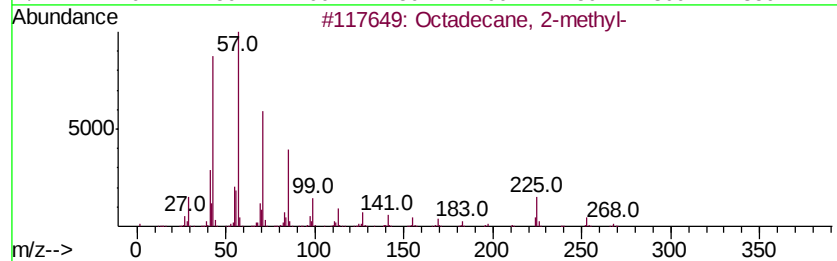
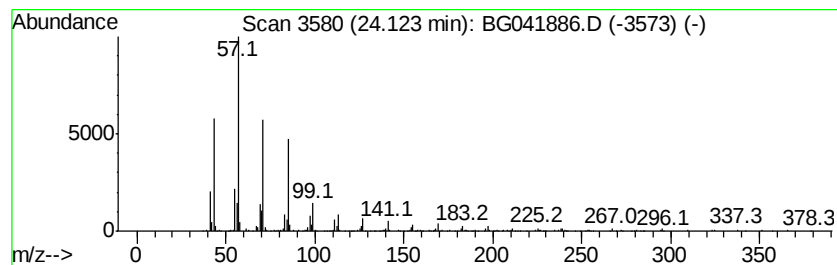
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.76 ng	753110	Perylene-d12	25.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041886.D
Acq On : 2 Aug 2019 13:36
Operator : HP/JU
Sample : K4107-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-1

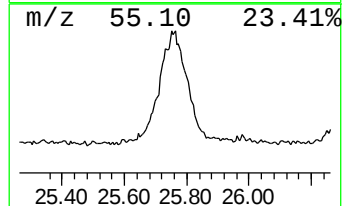
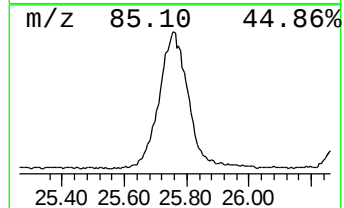
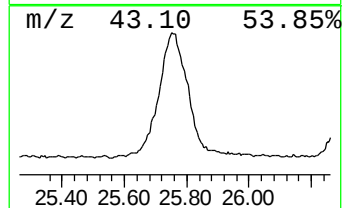
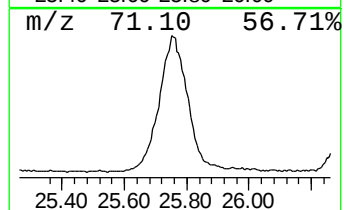
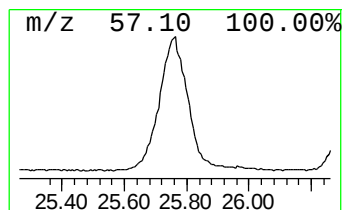
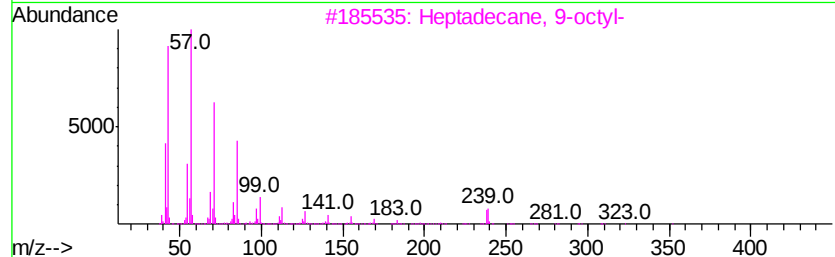
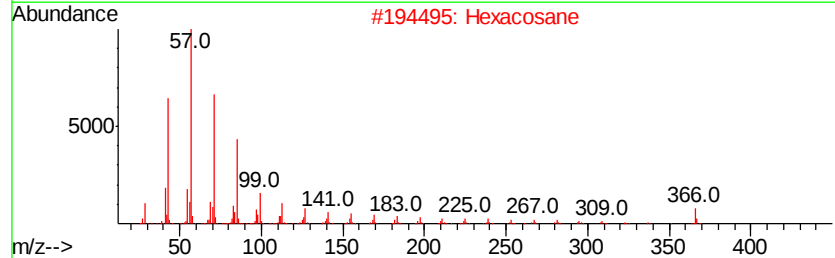
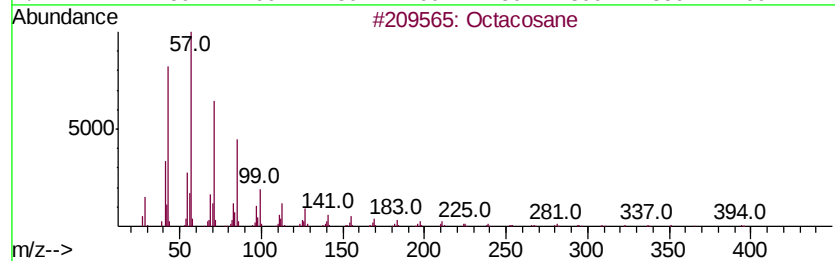
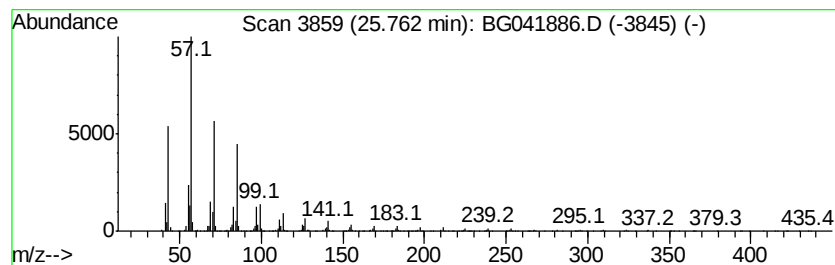
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	20.00 ng	5447740	Perylene-d12	25.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	99
2	Hexacosane		366	C26H54	000630-01-3	95
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	94
4	Heneicosane, 11-pentyl-		366	C26H54	014739-72-1	94
5	Hentriacontane		437	C31H64	000630-04-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080219\
Data File : BG041886.D
Acq On : 2 Aug 2019 13:36
Operator : HP/JU
Sample : K4107-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.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...	3.17	22.3	ng	1084480	1	8.04	972289	20.0
unknown7.57	7.57	29.3	ng	1425730	1	8.04	972289	20.0
n-Hexadecanoic acid	18.34	31.0	ng	1995570	4	17.45	1285950	20.0
Heneicosane	19.96	13.7	ng	33891300	5	21.73	49629600	20.0
Heptadecane, 9-oc...	23.57	35.5	ng	9673640	6	25.01	5447740	20.0
Octadecane, 2-met...	24.12	2.8	ng	753110	6	25.01	5447740	20.0
Octacosane	25.76	20.0	ng	5447740	6	25.01	5447740	20.0