

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045955.D
 Acq On : 7 Jul 2020 10:24
 Operator : CG/JU
 Sample : PB129897BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129897BL

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-BG070620.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	3.148	5	10	20	rBV2	98935	232984	2.07%	0.343%
2	3.231	20	24	34	rVB	98939	174619	1.55%	0.257%
3	5.586	417	425	443	rBV	3071618	5339899	47.48%	7.851%
4	7.166	686	694	705	rBV	3216472	5711499	50.78%	8.398%
5	8.006	830	837	847	rVB	742493	1281228	11.39%	1.884%
6	8.335	883	893	906	rBV	2660133	4822712	42.88%	7.091%
7	9.164	1023	1034	1044	rBV	2036974	3728267	33.15%	5.482%
8	10.803	1305	1313	1321	rBV	966928	1765797	15.70%	2.596%
9	13.258	1721	1731	1739	rBV	5018695	8102567	72.04%	11.914%
10	14.627	1958	1964	1972	rBV2	1474355	2333255	20.75%	3.431%
11	16.113	2209	2217	2232	rBV	3657235	5612652	49.90%	8.253%
12	17.370	2424	2431	2439	rBV	1785326	2687932	23.90%	3.952%
13	19.708	2815	2829	2835	rBV3	97750	226030	2.01%	0.332%
14	19.990	2870	2877	2883	rVB	7955970	11246883	100.00%	16.537%
15	21.629	3149	3156	3164	rBV	1813056	2927667	26.03%	4.305%
16	22.481	3296	3301	3308	rBV	141676	221847	1.97%	0.326%
17	23.174	3414	3419	3429	rVB	331491	611685	5.44%	0.899%
18	23.985	3549	3557	3566	rBV2	449661	925116	8.23%	1.360%
19	24.790	3681	3694	3706	rVB2	1078171	3016307	26.82%	4.435%
20	24.936	3708	3719	3730	rBV2	560822	1391540	12.37%	2.046%
21	26.070	3901	3912	3923	rVB3	480938	1485353	13.21%	2.184%
22	27.427	4131	4143	4157	rVB2	466163	1596817	14.20%	2.348%
23	29.060	4409	4421	4437	rVB4	302335	1270967	11.30%	1.869%
24	31.052	4745	4760	4781	rBV3	242746	1297833	11.54%	1.908%

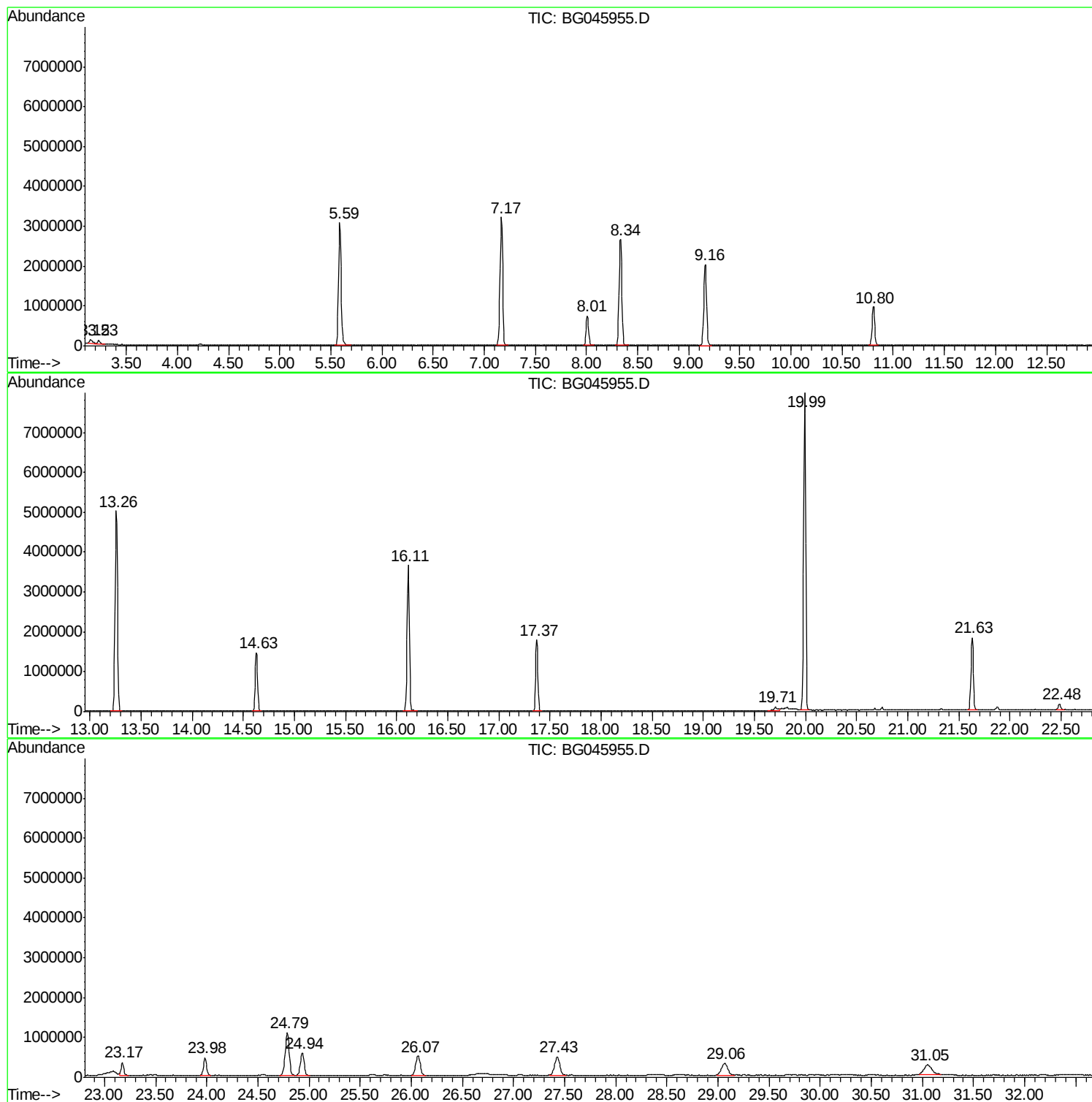
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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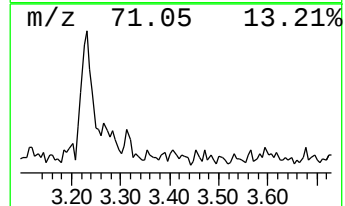
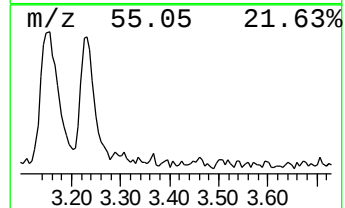
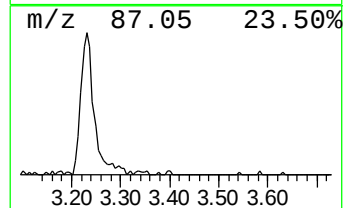
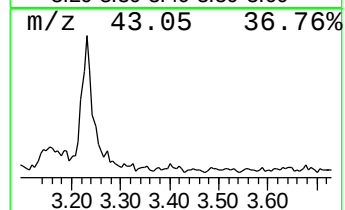
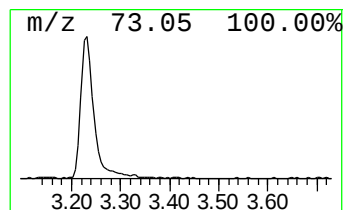
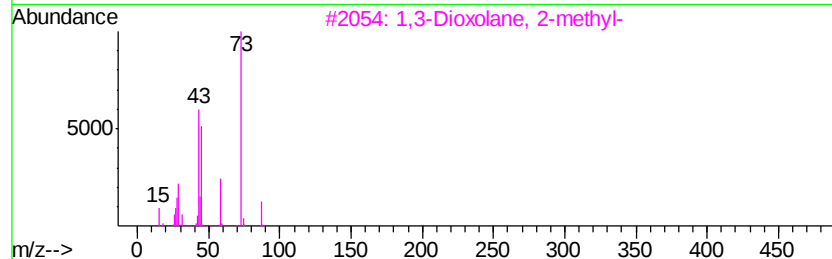
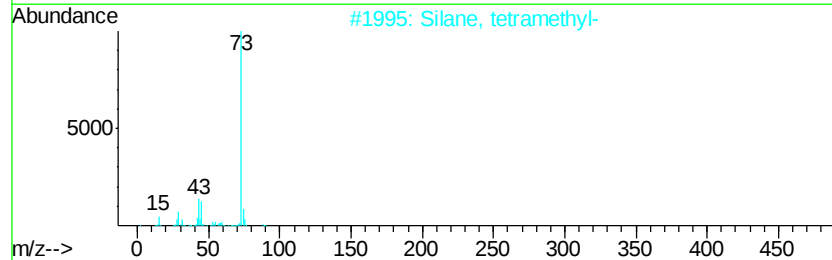
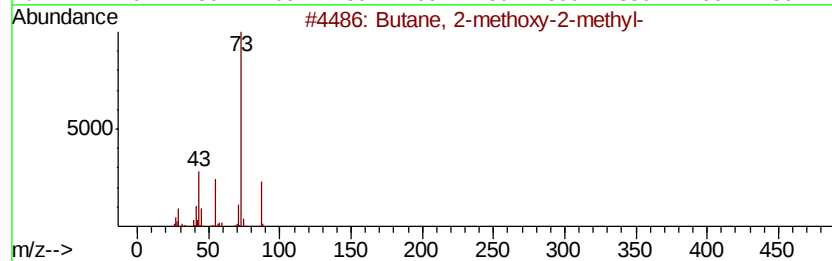
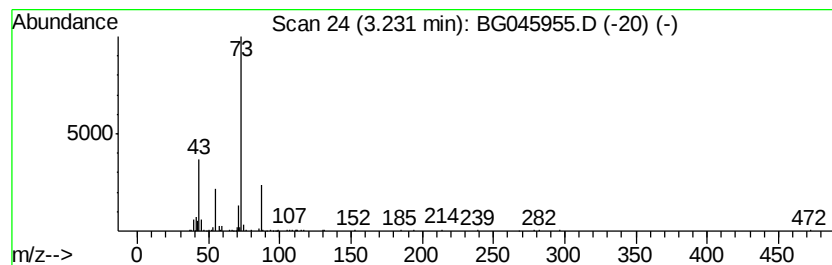
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.73 ng	174619	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	59
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	9



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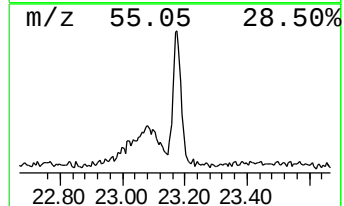
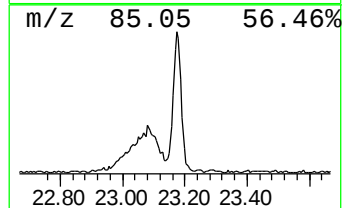
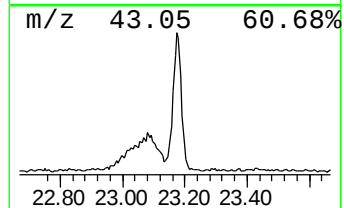
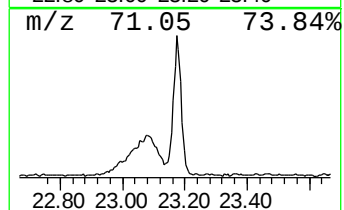
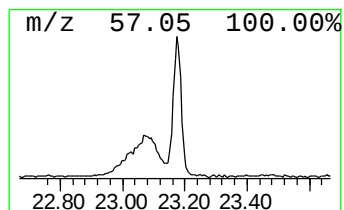
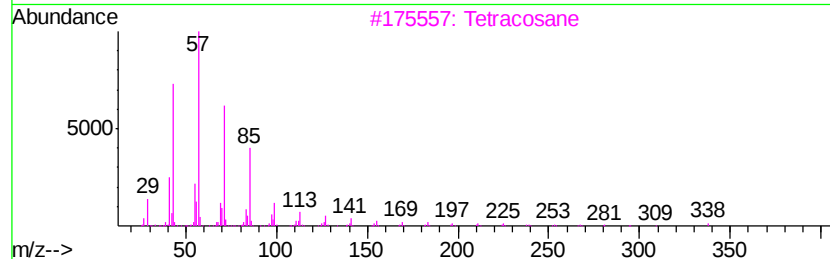
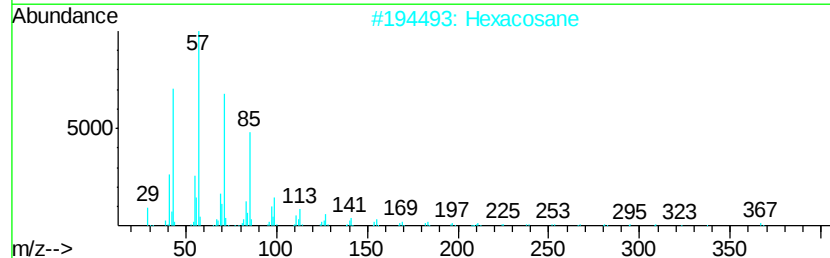
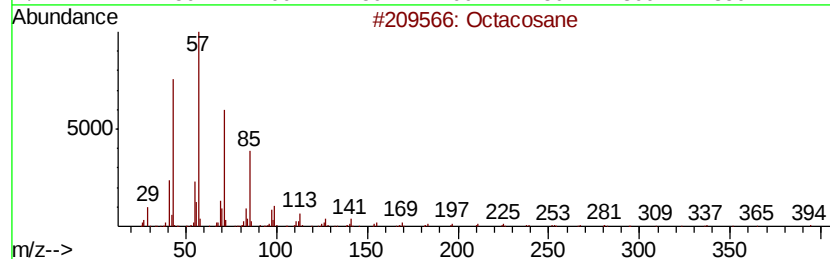
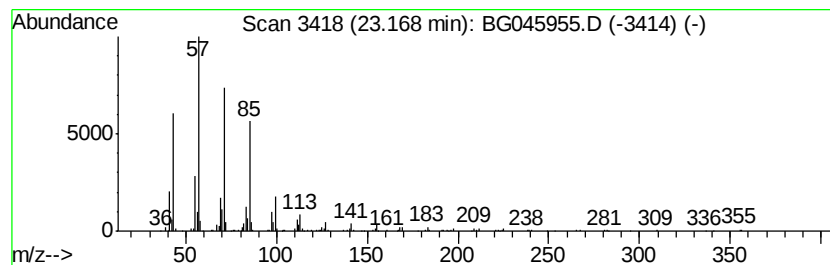
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.18 ng	611685	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heptacosane	380	C27H56	000593-49-7	90



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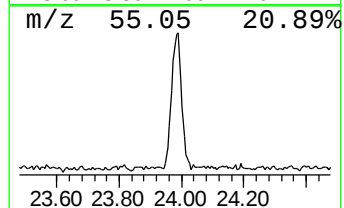
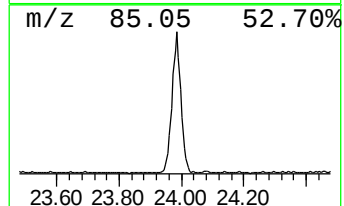
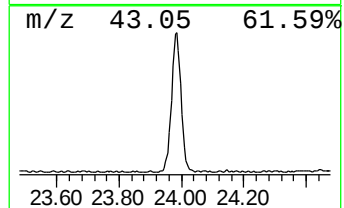
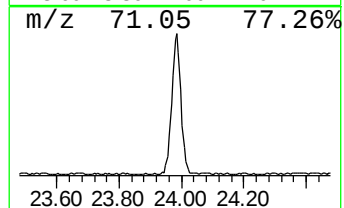
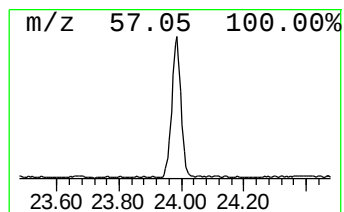
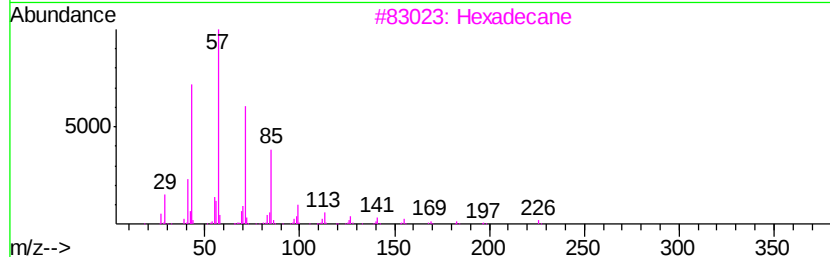
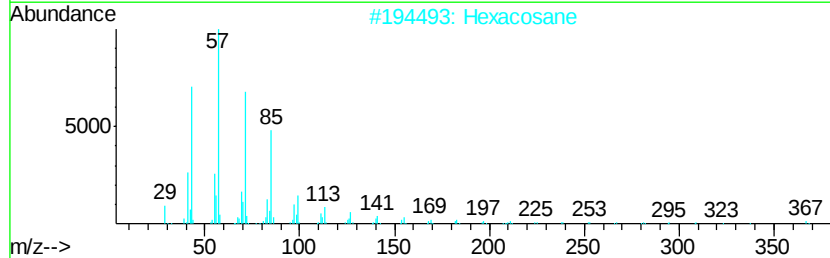
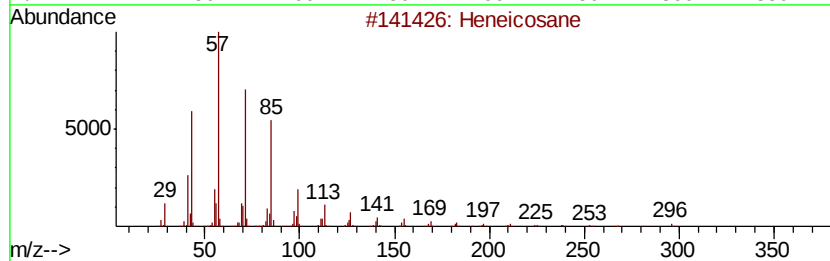
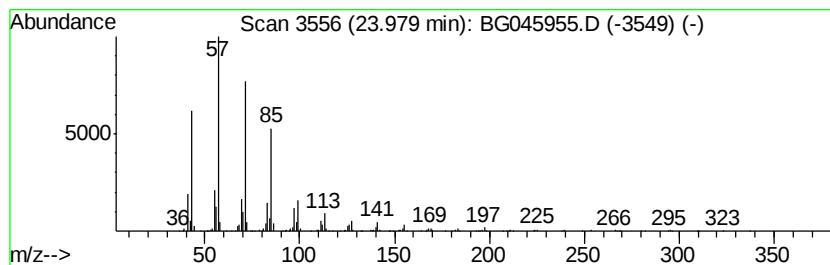
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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	6.13 ng	925116	Perylene-d12	24.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Hexadecane		226	C16H34	000544-76-3	86
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	86
5	2-Thiopheneacetic acid, 4-tetrad...		338	C20H34O2S	1000280-67-0	86



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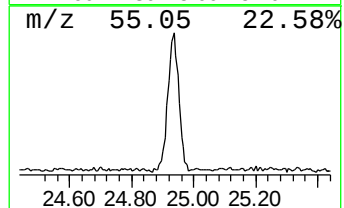
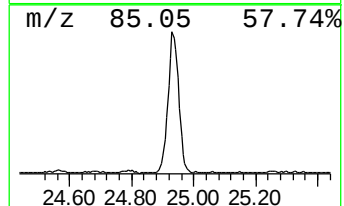
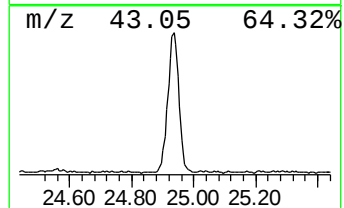
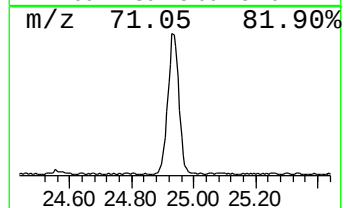
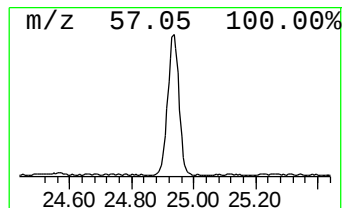
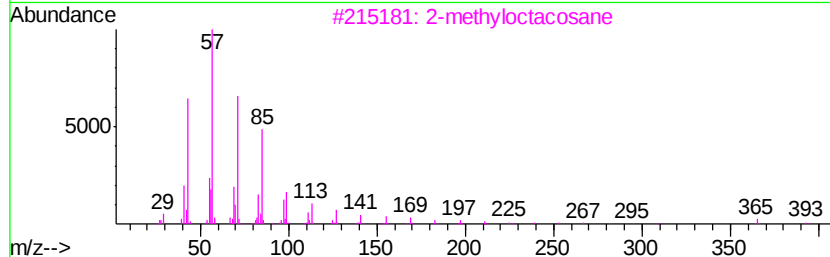
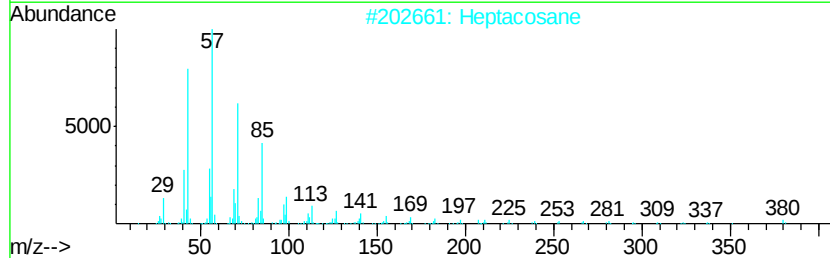
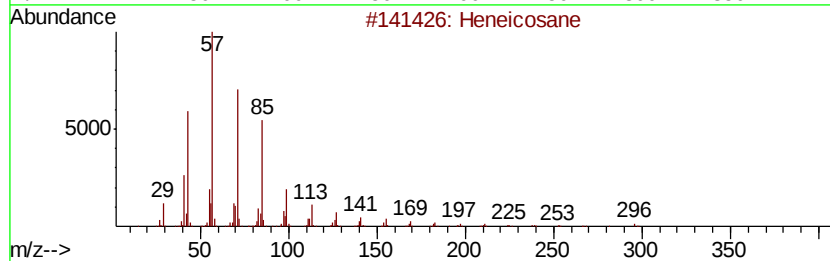
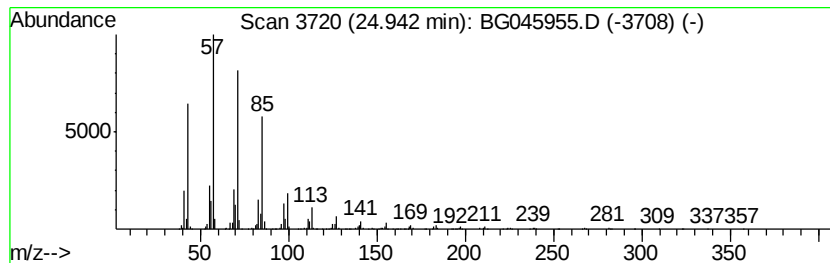
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 Peak Number 6 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.94	9.23 ng	1391540	Perylene-d12	24.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heptadecane	240	C17H36	000629-78-7	90



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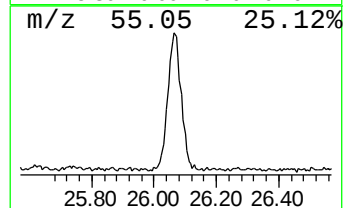
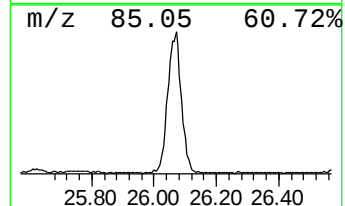
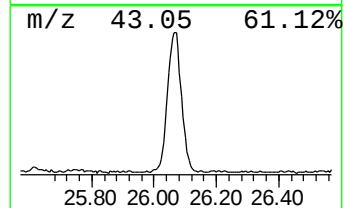
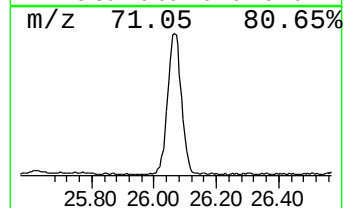
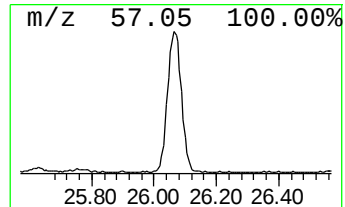
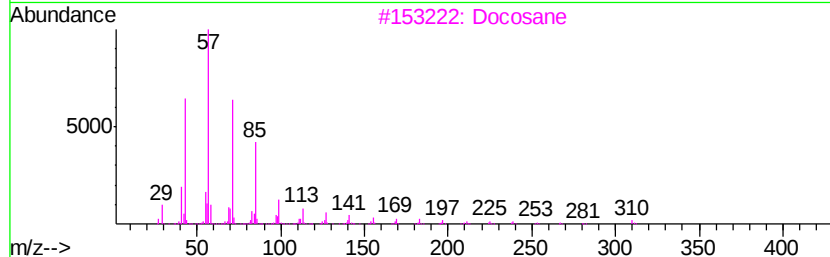
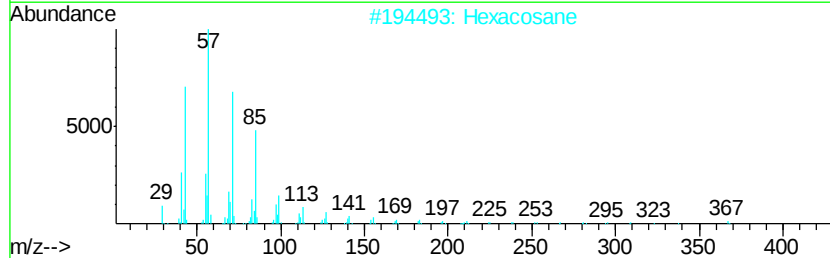
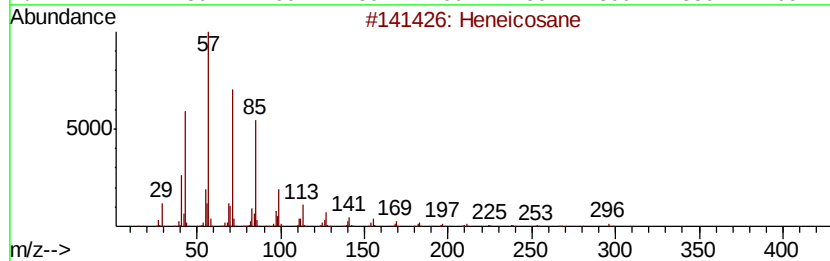
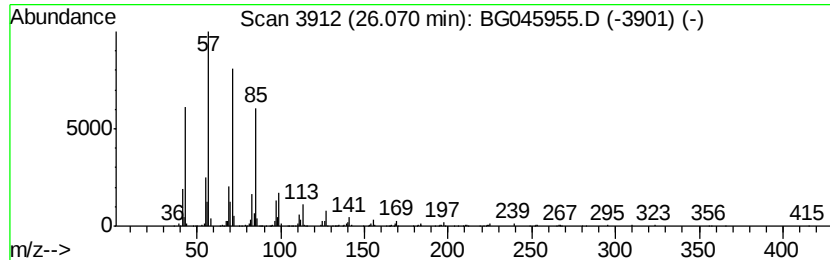
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Peak Number 7 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	9.85 ng	1485350	Perylene-d12	24.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Docosane		310	C22H46	000629-97-0	90
4	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	90
5	Tetracosane		338	C24H50	000646-31-1	90



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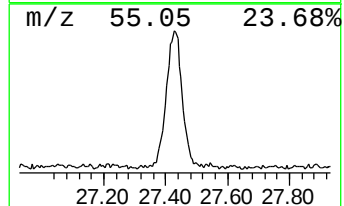
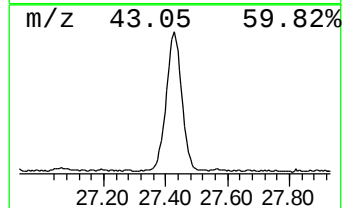
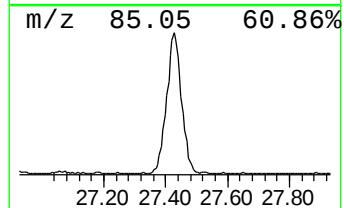
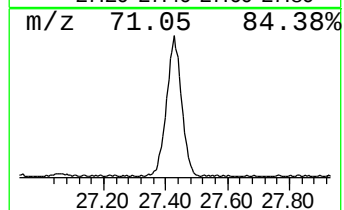
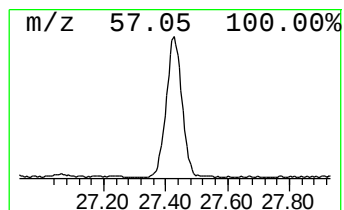
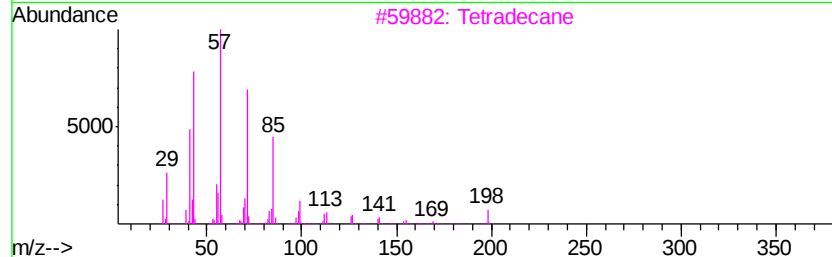
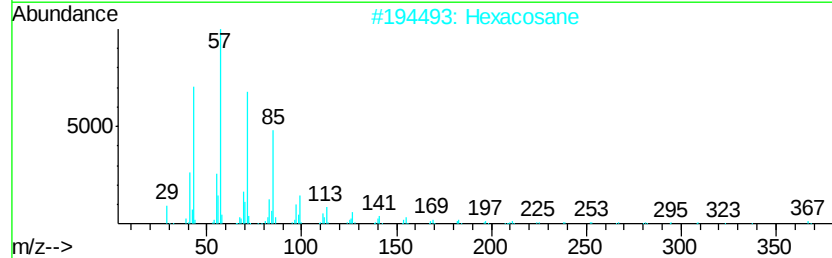
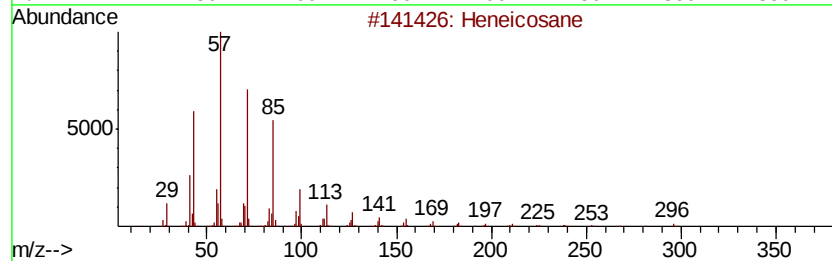
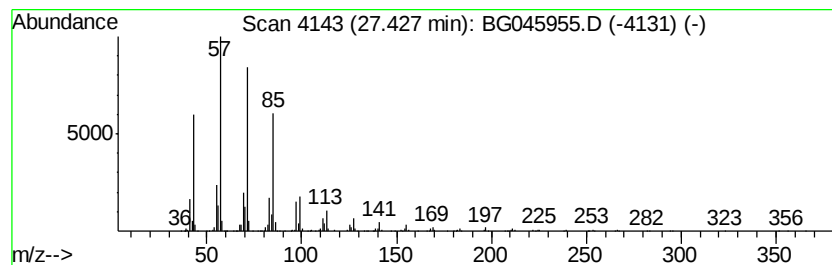
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.43	10.59 ng	1596820	Perylene-d12	24.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045955.D
Acq On : 7 Jul 2020 10:24
Operator : CG/JU
Sample : PB129897BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

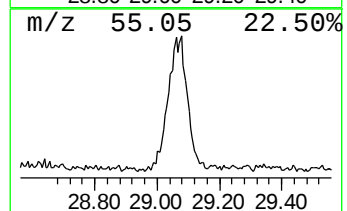
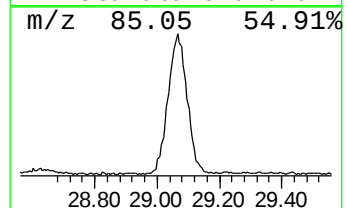
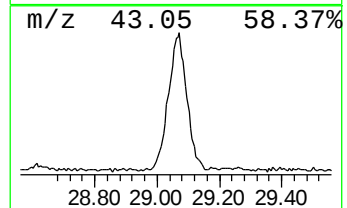
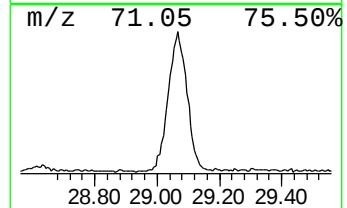
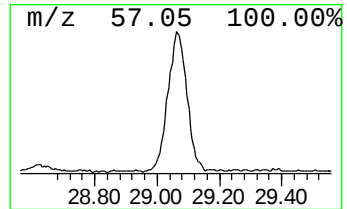
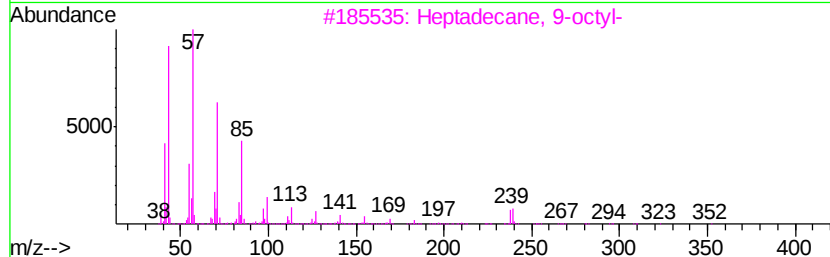
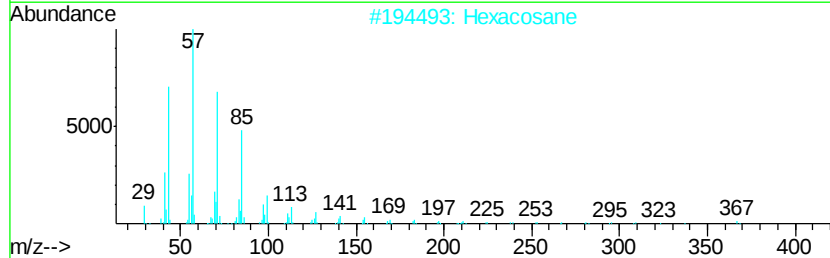
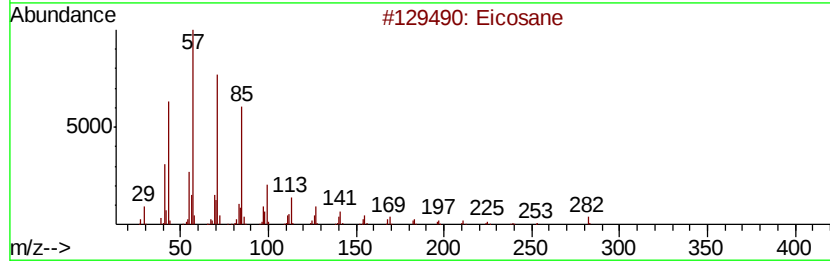
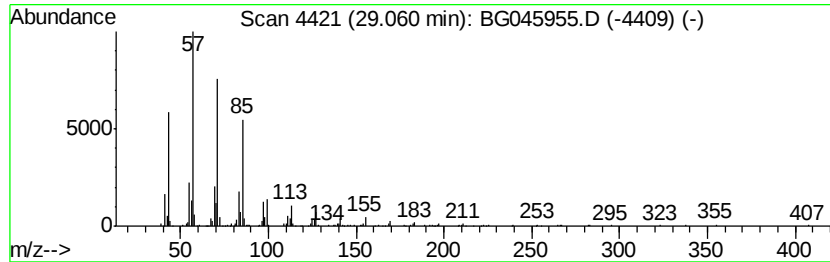
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.06	8.43 ng	1270970	Perylene-d12	24.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Hexacosane	366 C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
4	Heptadecane	240 C17H36	000629-78-7	91
5	Octacosane	394 C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045955.D
Acq On : 7 Jul 2020 10:24
Operator : CG/JU
Sample : PB129897BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129897BL

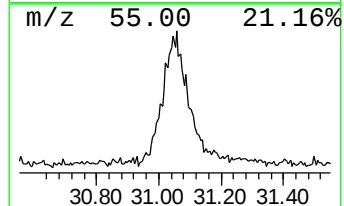
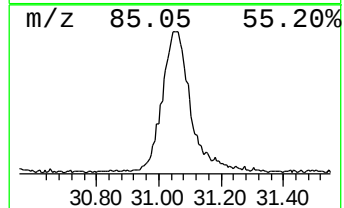
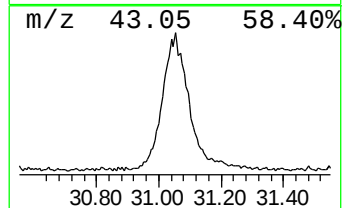
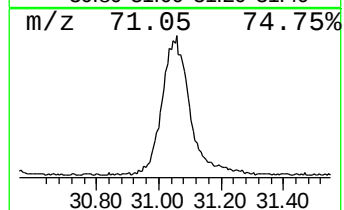
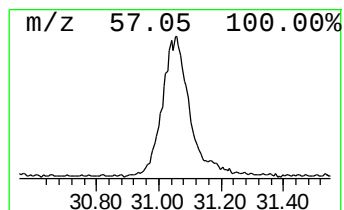
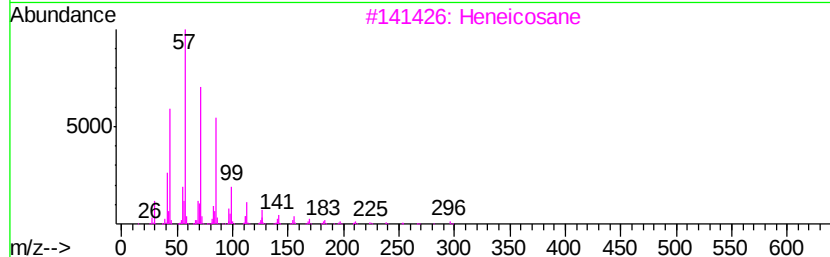
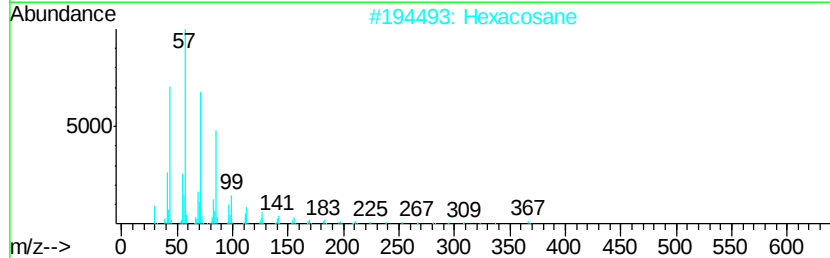
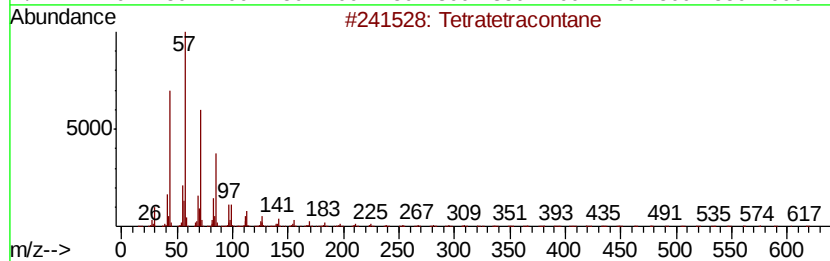
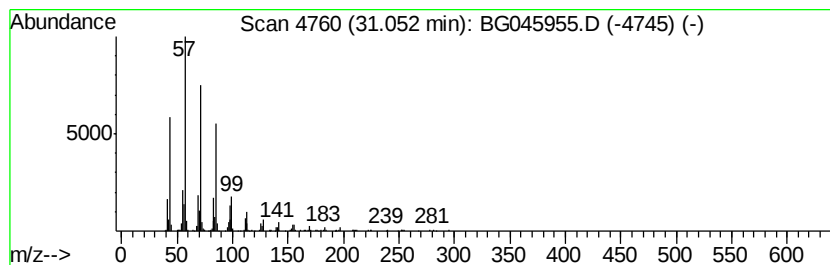
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.05	8.61 ng	1297830	Perylene-d12	24.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070720\
Data File : BG045955.D
Acq On : 7 Jul 2020 10:24
Operator : CG/JU
Sample : PB129897BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129897BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG070620.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...	3.23	2.7	ng	174619	1	8.01	1281230	20.0
Octacosane	23.17	4.2	ng	611685	5	21.63	2927670	20.0
Heneicosane	23.98	6.1	ng	925116	6	24.79	3016310	20.0
Heptacosane	24.94	9.2	ng	1391540	6	24.79	3016310	20.0
Docosane	26.07	9.8	ng	1485350	6	24.79	3016310	20.0
Tetradecane	27.43	10.6	ng	1596820	6	24.79	3016310	20.0
Eicosane	29.06	8.4	ng	1270970	6	24.79	3016310	20.0
Tetratetracontane	31.05	8.6	ng	1297830	6	24.79	3016310	20.0