

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042635.D
 Acq On : 31 Aug 2019 15:12
 Operator : HP/JU
 Sample : K4592-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-3

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-BG082219.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	3.117	3	5	24	rVB	411792	516393	18.76%	4.391%
2	5.549	413	419	429	rBV	168404	286497	10.41%	2.436%
3	7.159	683	693	702	rBV	96511	193797	7.04%	1.648%
4	7.529	748	756	769	rBV	350312	619927	22.52%	5.272%
5	7.993	827	835	843	rBV	99522	168321	6.12%	1.431%
6	8.322	883	891	900	rBV	342483	598839	21.76%	5.092%
7	9.162	1027	1034	1054	rBV	237073	452234	16.43%	3.846%
8	10.819	1308	1316	1323	rBV	117656	229182	8.33%	1.949%
9	13.275	1726	1734	1752	rBV	863946	1394899	50.68%	11.862%
10	14.110	1869	1876	1886	rBV	20844	37692	1.37%	0.321%
11	14.656	1959	1969	1985	rBV	234332	378126	13.74%	3.215%
12	16.148	2216	2223	2244	rBV	741132	1220465	44.34%	10.379%
13	17.406	2431	2437	2449	rBV2	314529	507092	18.42%	4.312%
14	18.299	2585	2589	2596	rBV4	22356	35671	1.30%	0.303%
15	20.020	2875	2882	2892	rBV	2095185	2752588	100.00%	23.407%
16	20.320	2929	2933	2938	rVB	28243	31796	1.16%	0.270%
17	20.814	3013	3017	3021	rBV2	51833	60201	2.19%	0.512%
18	21.319	3098	3103	3117	rBV	93426	154582	5.62%	1.315%
19	21.683	3158	3165	3176	rBV	374152	647754	23.53%	5.508%
20	21.871	3192	3197	3203	rVB	78001	105340	3.83%	0.896%
21	22.482	3295	3301	3307	rBV2	78132	127105	4.62%	1.081%
22	23.181	3413	3420	3426	rBV	79481	151197	5.49%	1.286%
23	23.992	3550	3558	3566	rBV2	67541	143610	5.22%	1.221%
24	24.921	3705	3716	3733	rBV2	241114	795258	28.89%	6.763%
25	26.084	3904	3914	3923	rBV3	33009	101392	3.68%	0.862%
26	27.447	4139	4146	4159	rVB7	16130	49587	1.80%	0.422%

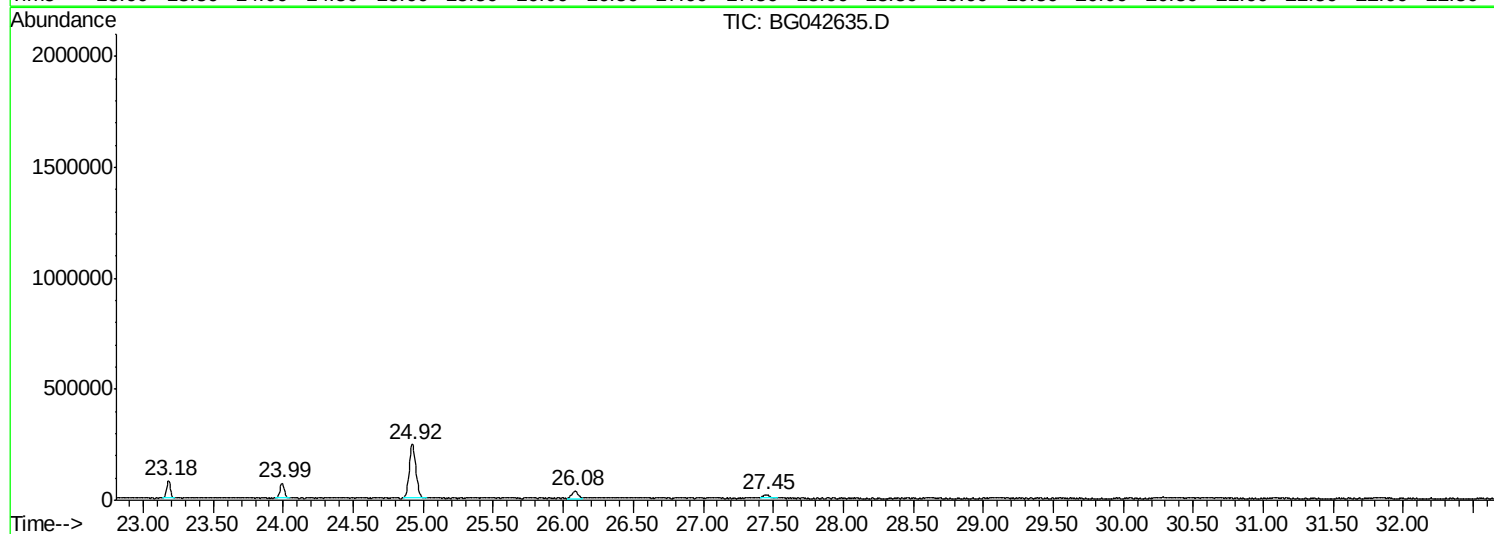
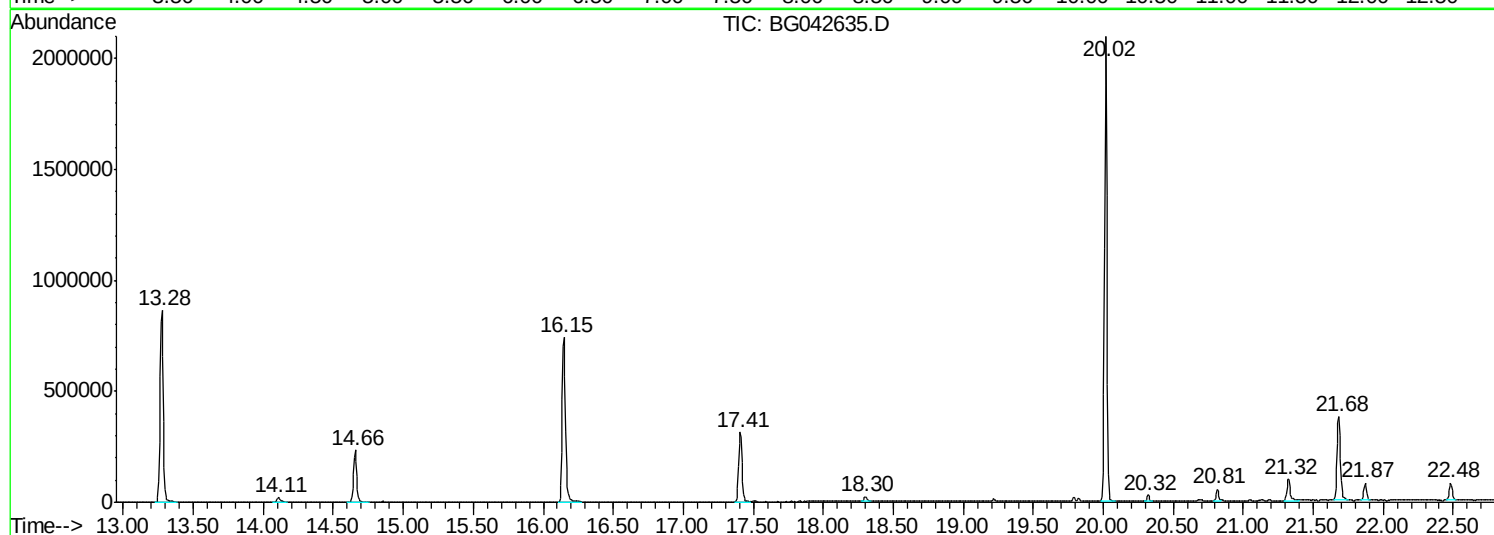
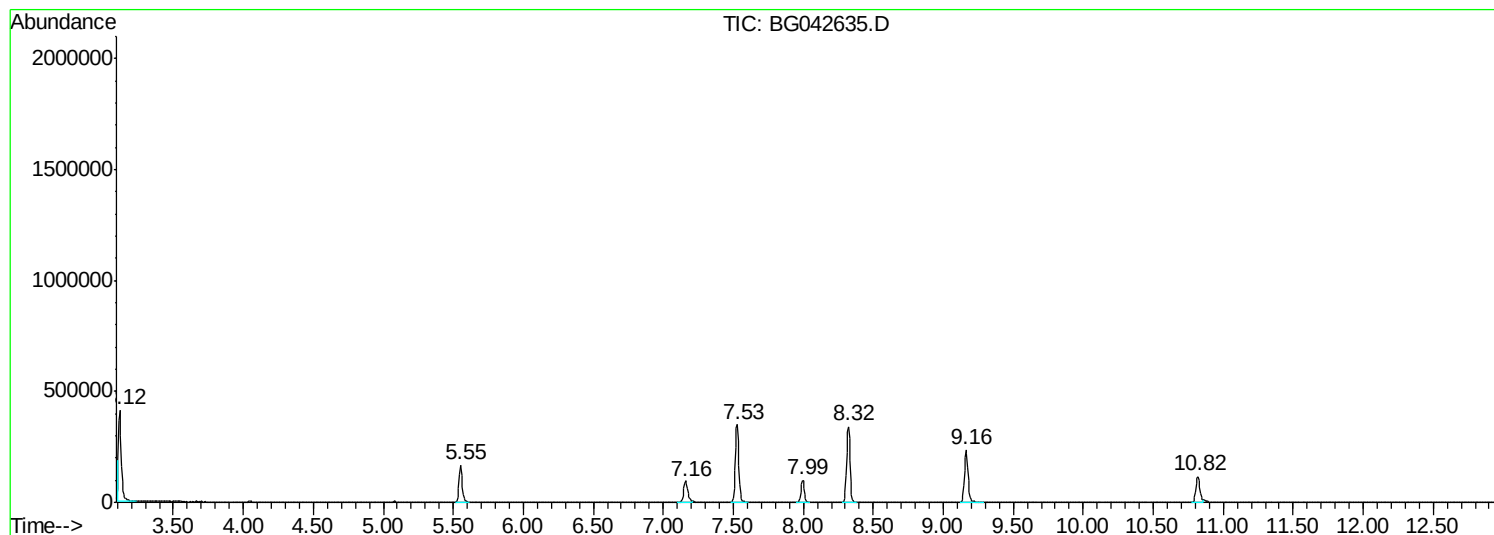
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Quant Title :

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



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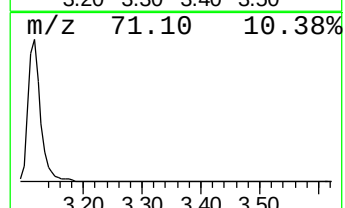
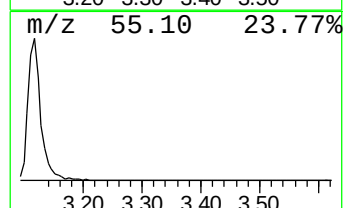
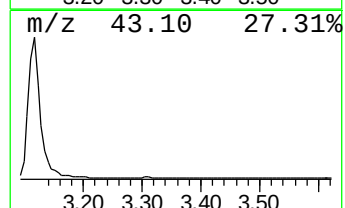
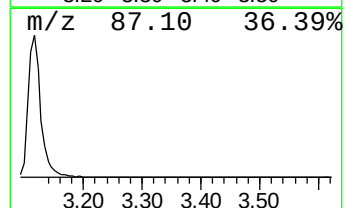
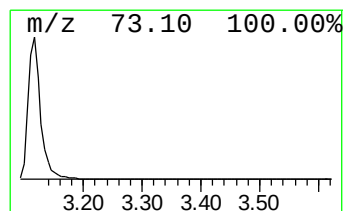
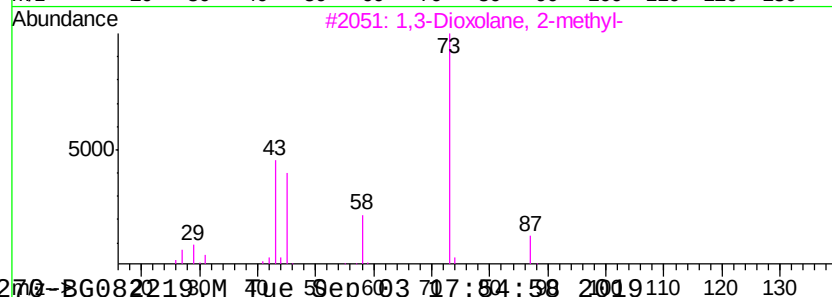
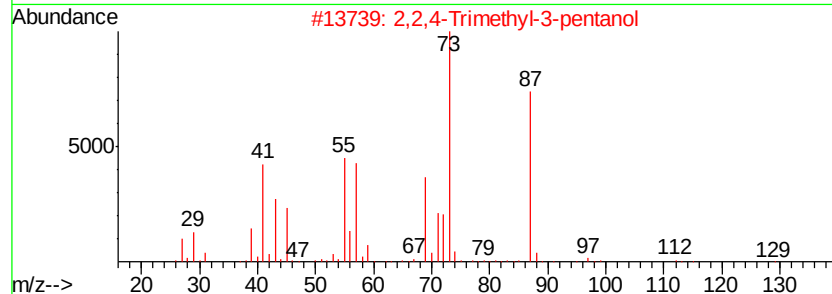
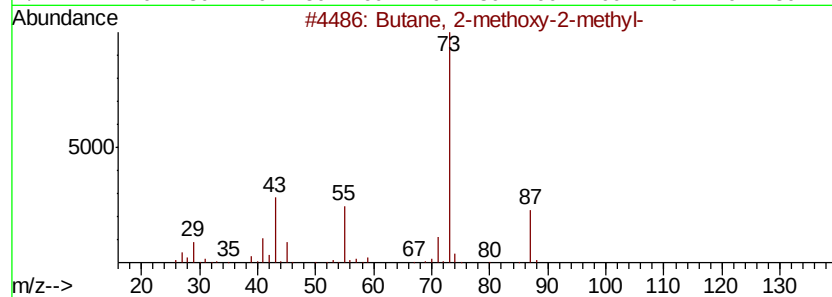
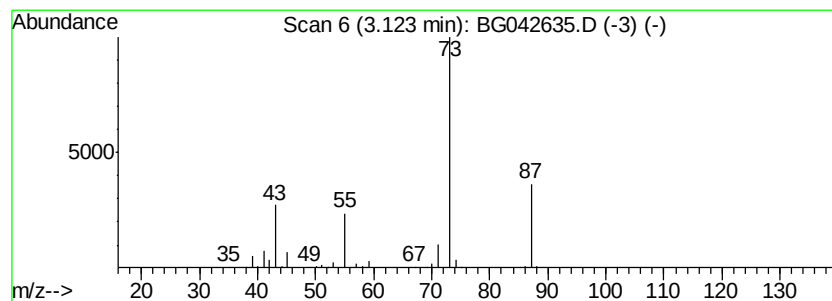
Quant Title :

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 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	61.36 ng	516393	1,4-Dichlorobenzene-d4	7.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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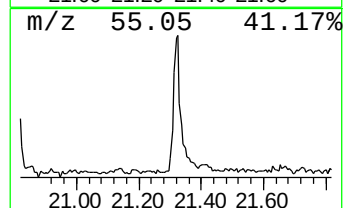
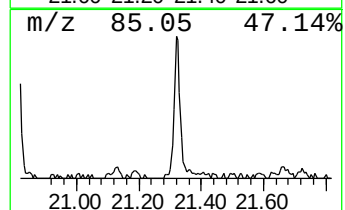
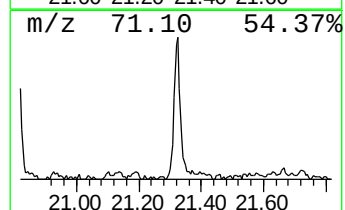
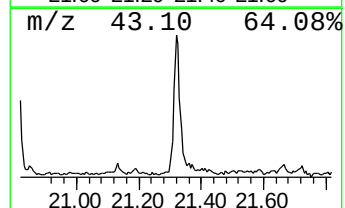
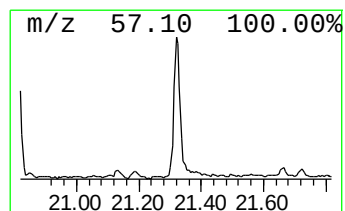
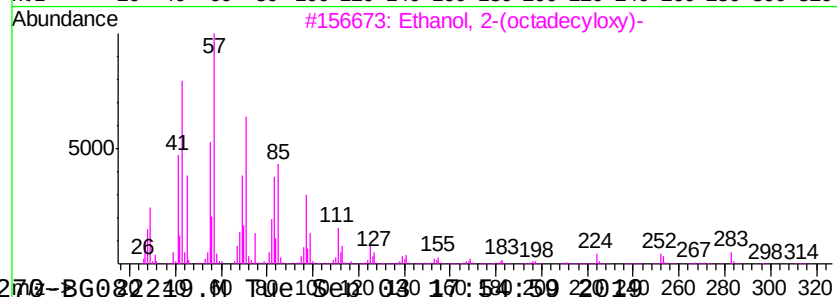
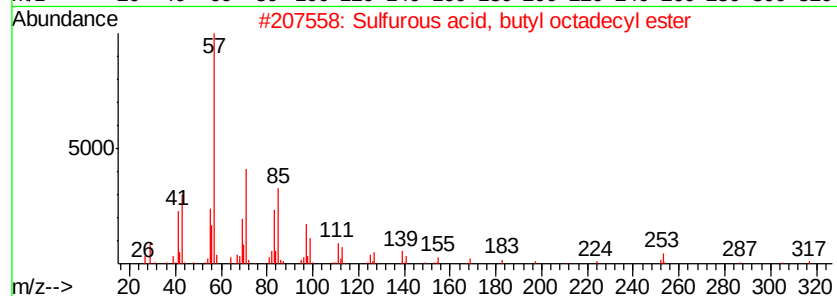
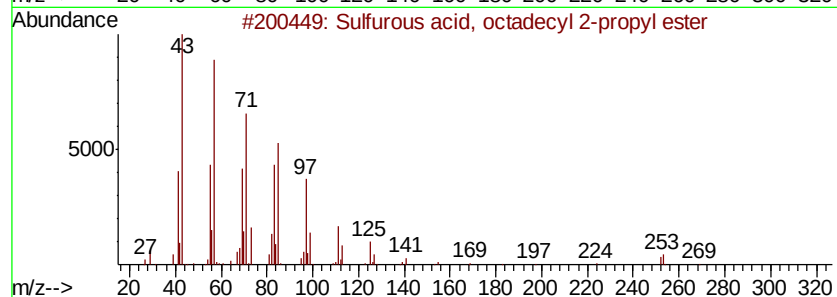
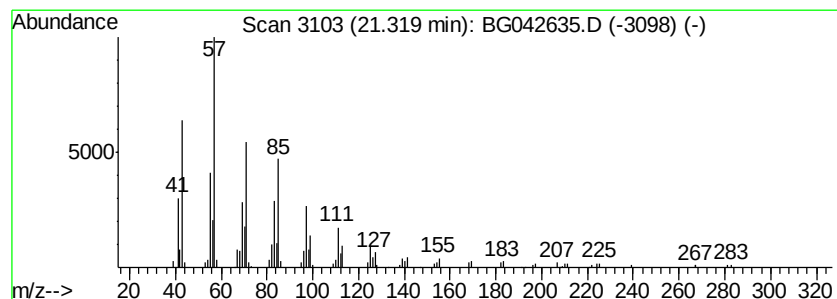
Instrument :
BNA_G
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.32	4.77 ng	154582	Chrysene-d12	21.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	87
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81



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Misc :
ALS Vial : 14 Sample Multiplier: 1

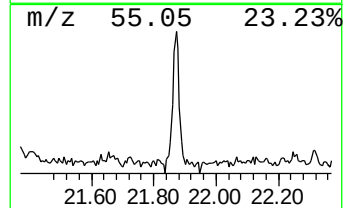
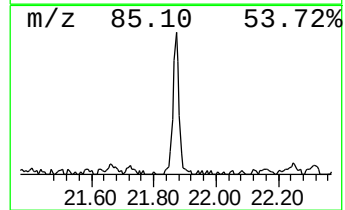
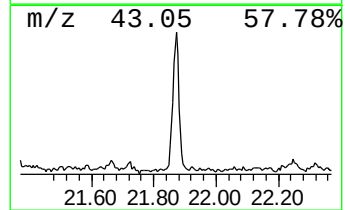
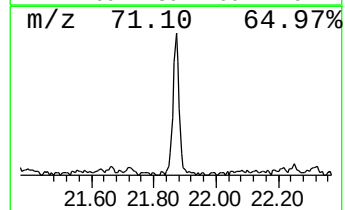
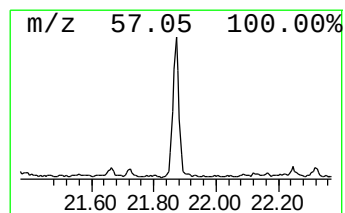
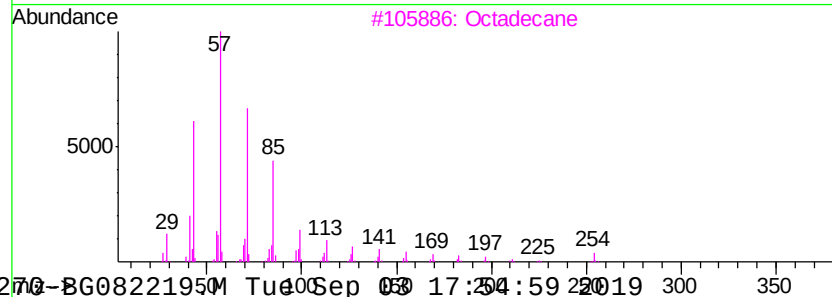
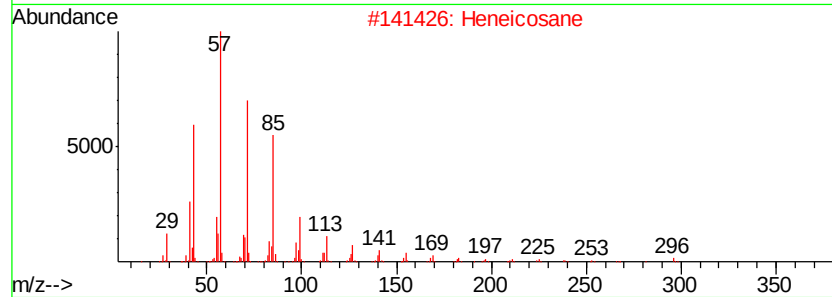
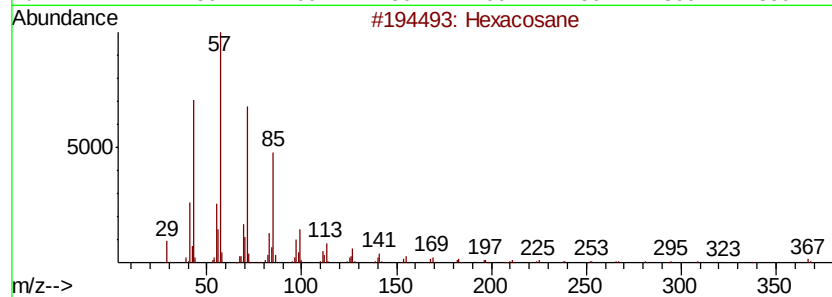
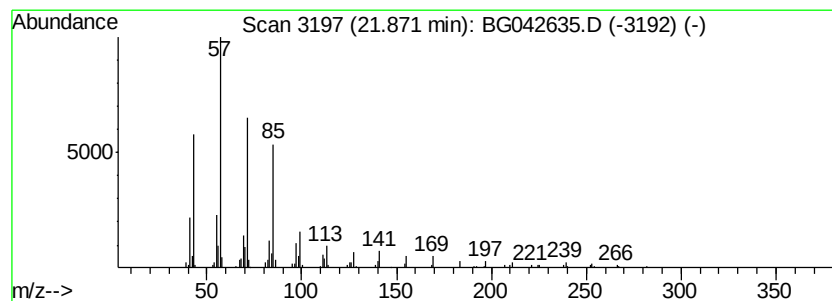
Instrument :
BNA_G
ClientSampleId :
GW-3

Quant Title :

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

Peak Number 5 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.87	3.25 ng	105340	Chrysene-d12		21.68
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	89
5	Octacosane	394	C28H58	000630-02-4	87



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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

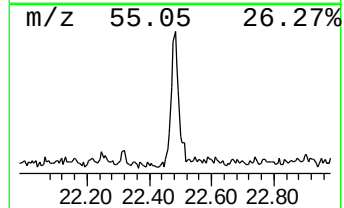
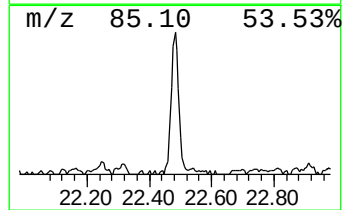
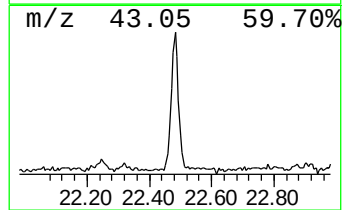
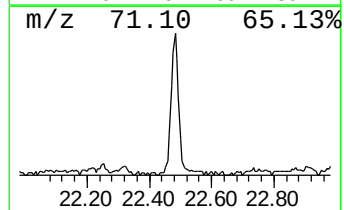
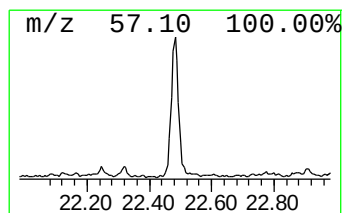
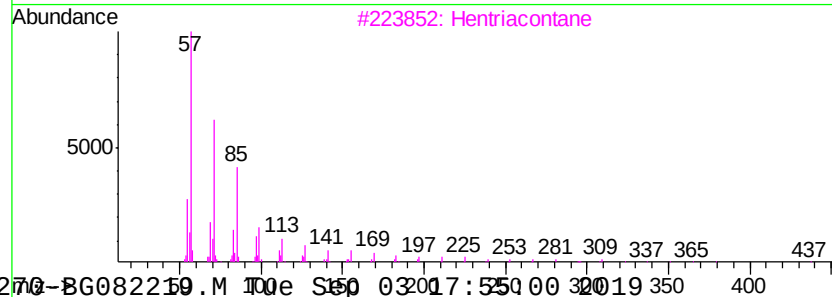
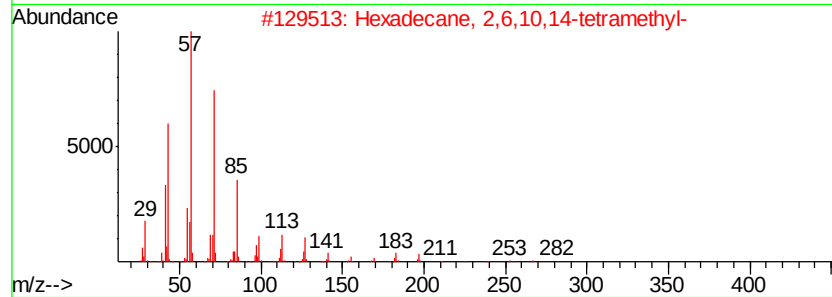
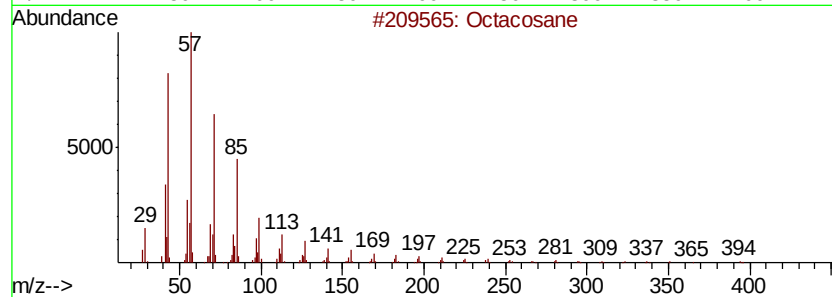
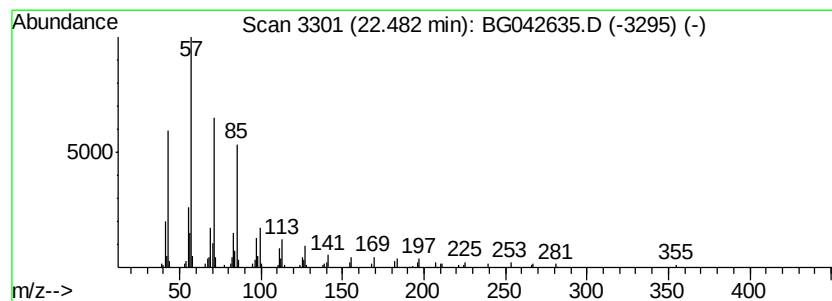
Instrument :
 BNA_G
 ClientSampleId :
 GW-3

Quant Title :

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

 Peak Number 6 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.48	3.92 ng	127105	Chrysene-d12		21.68
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
3	Hentriacontane	437	C31H64	000630-04-6	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



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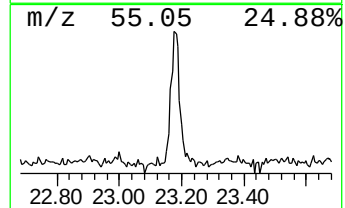
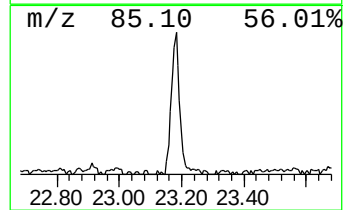
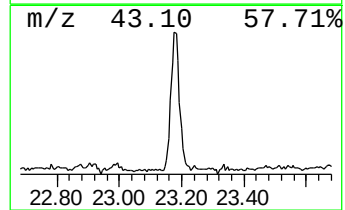
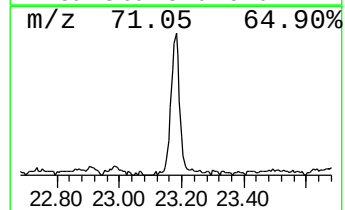
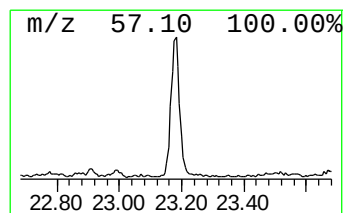
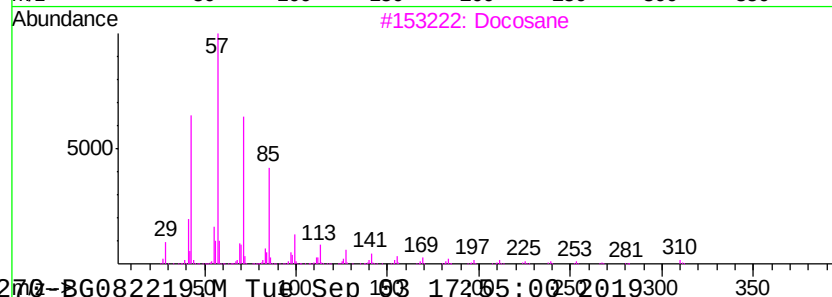
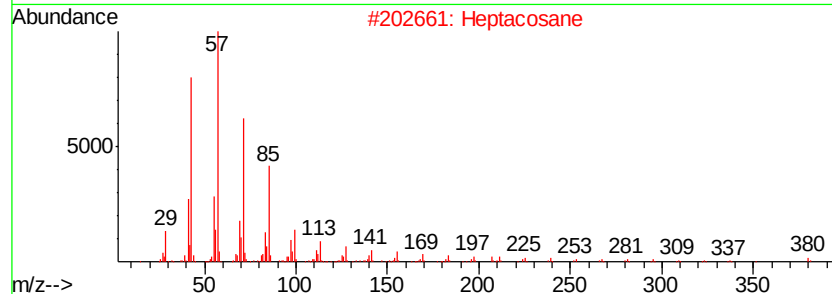
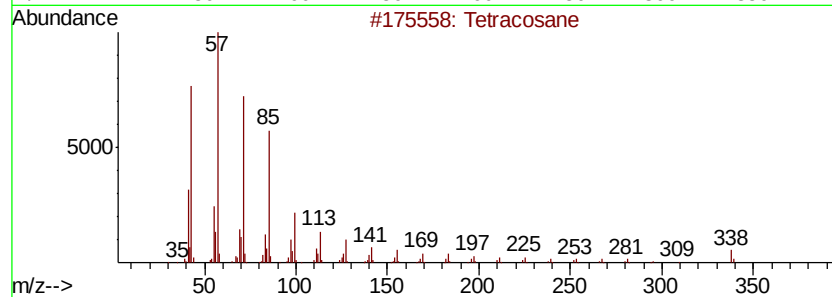
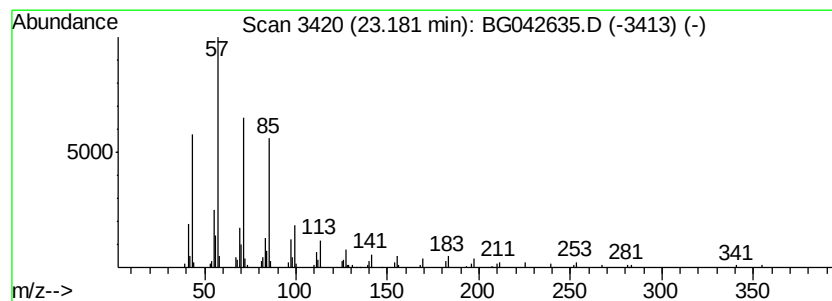
Quant Title :

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 Peak Number 7 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	4.67 ng	151197	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Docosane	310	C22H46	000629-97-0	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



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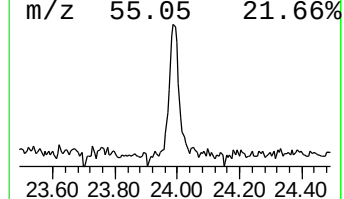
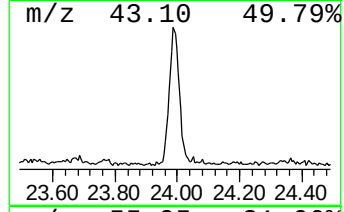
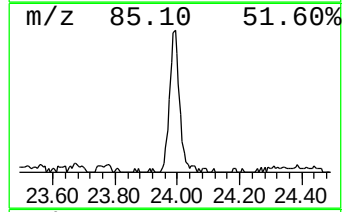
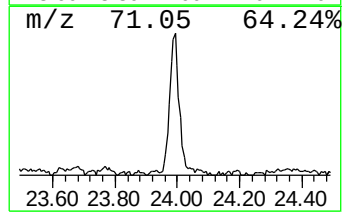
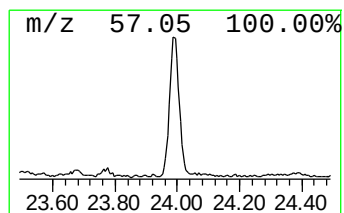
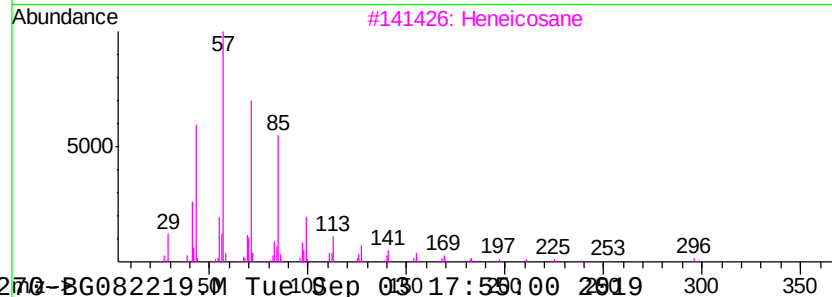
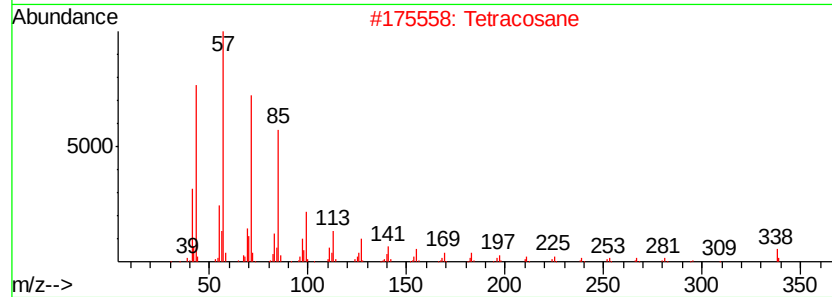
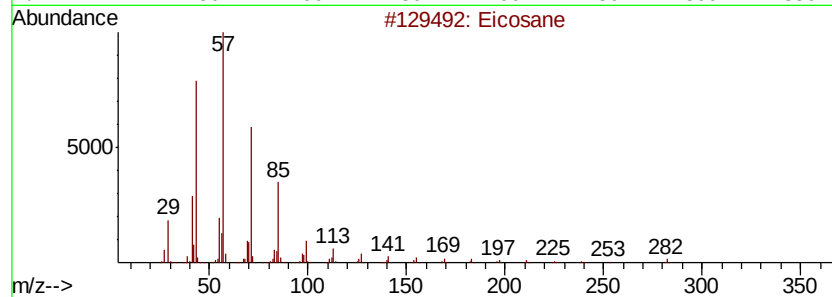
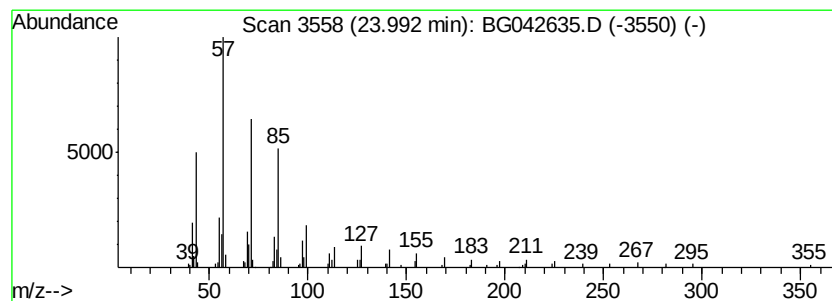
Instrument :
BNA_G
ClientSampleId :
GW-3

Quant Title :

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TIC Integration Parameters: LSCINT.P

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.61 ng	143610	Perylene-d12	24.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282	C20H42	000112-95-8 95
2	Tetracosane	338	C24H50	000646-31-1 91
3	Heneicosane	296	C21H44	000629-94-7 90
4	Tetratetracontane	619	C44H90	007098-22-8 90
5	Hentriacontane	437	C31H64	000630-04-6 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
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Acq On : 31 Aug 2019 15:12
Operator : HP/JU
Sample : K4592-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

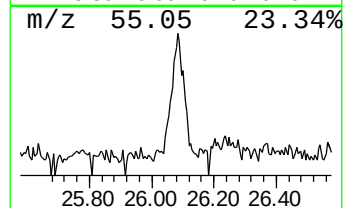
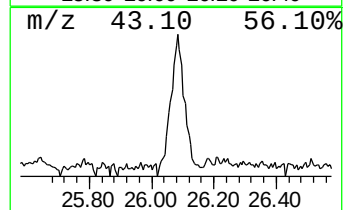
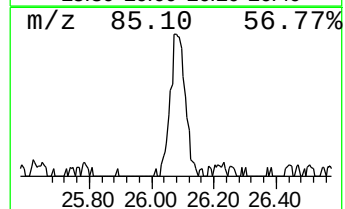
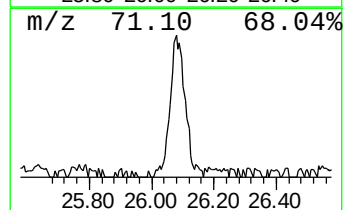
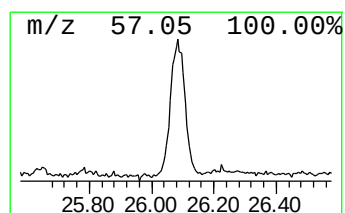
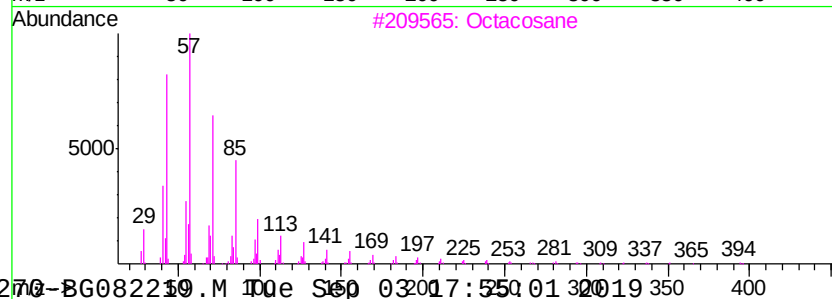
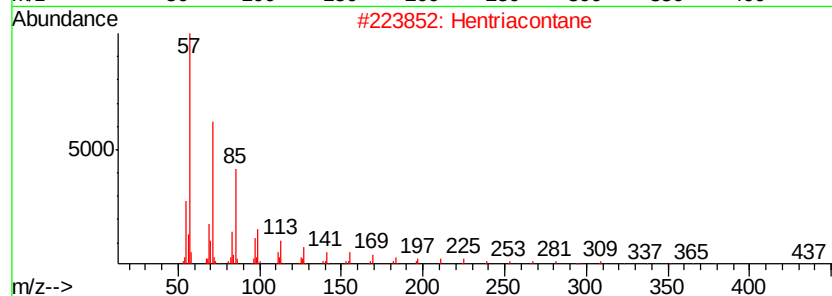
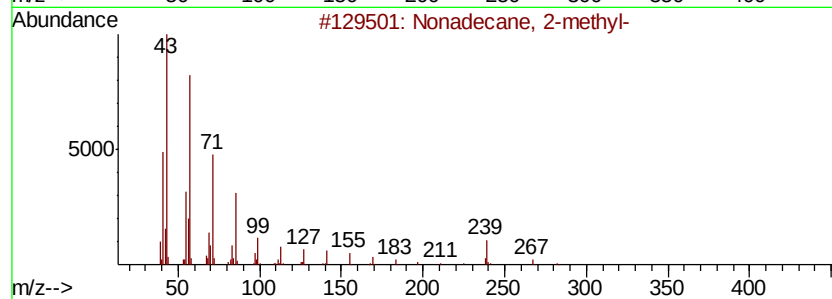
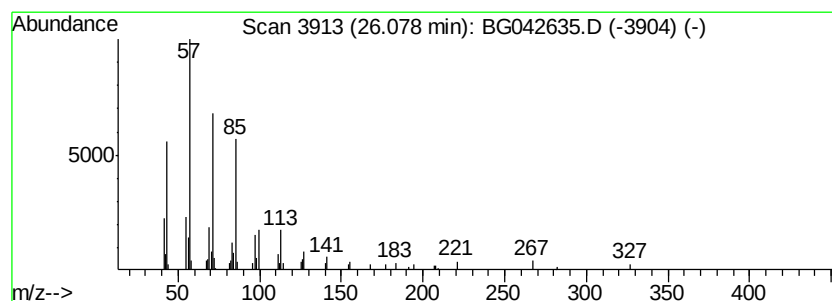
Instrument :
BNA_G
ClientSampleId :
GW-3

Quant Title :

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

Peak Number 9 Nonadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
26.08	2.55 ng	101392	Perylene-d12		24.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083119\
Data File : BG042635.D
Acq On : 31 Aug 2019 15:12
Operator : HP/JU
Sample : K4592-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-3

Quant Title :

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...	3.12	61.4	ng	516393	1	7.99	168321	20.0
Sulfurous acid, o...	21.32	4.8	ng	154582	5	21.68	647754	20.0
Hexacosane	21.87	3.3	ng	105340	5	21.68	647754	20.0
Octacosane	22.48	3.9	ng	127105	5	21.68	647754	20.0
Tetracosane	23.18	4.7	ng	151197	5	21.68	647754	20.0
Eicosane	23.99	3.6	ng	143610	6	24.92	795258	20.0
Nonadecane, 2-met...	26.08	2.5	ng	101392	6	24.92	795258	20.0