LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040449.D
Acq On : 11 Apr 2019 20:09
Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-SITE-WATER

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-BG032719.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	3.190	13	17	24	rVB	56177	101672	2.33%	0.476%
2	5.599	420	427	443	rBV	683731	1122533	25.67%	5.259%
3	7.197	690	699	715	rBV	529982	951552	21.76%	4.458%
4	7.573	755	763	775	rBV	1035536	1777726	40.65%	8.329%
5	8.043	835	843	850	rBV	219127	372448	8.52%	1.745%
6	8.367	890	898	908	rBV	733235	1290671	29.52%	6.047%
7	9.218	1036	1043	1058	rBV	663346	1257566	28.76%	5.892%
8	10.858	1315	1322	1334	rBV	273658	518007	11.85%	2.427%
9	13.296	1730	1737	1756	rBV	1606623	2660524	60.84%	12.465%
10	14.124	1873	1878	1885	rBV	39592	62983	1.44%	0.295%
11	14.677	1965	1972	1982	rBV2	439682	729837	16.69%	3.419%
12	16.163	2218	2225	2249	rBV	1298814	2143334	49.01%	10.042%
13	17.421	2429	2439	2451	rBV	599076	934164	21.36%	4.377%
14	20.023	2875	2882	2892	rBV	3077416	4372867	100.00%	20.487%
15	21.293	3092	3098	3107	rBV5	43661	117576	2.69%	0.551%
16	21.692	3159	3166	3178	rBV	629313	1078907	24.67%	5.055%
17	21.833	3184	3190	3195	rBV2	37065	51754	1.18%	0.242%
18	22.438	3288	3293	3299	rBV	60147	93445	2.14%	0.438%
19	23.132	3404	3411	3419	rBV	79525	149716	3.42%	0.701%
20	23.936	3541	3548	3557	rBV2	77552	161592	3.70%	0.757%
21	24.888	3703	3710	3715	rBV3	69496	169744	3.88%	0.795%
22	24.971	3715	3724	3742	rVB	314138	1006152	23.01%	4.714%
23	26.028	3896	3904	3914	rVB2	45599	130252	2.98%	0.610%
24	27.391	4130	4136	4150	rVB4	26937	89594	2.05%	0.420%

Sum of corrected areas: 21344616

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
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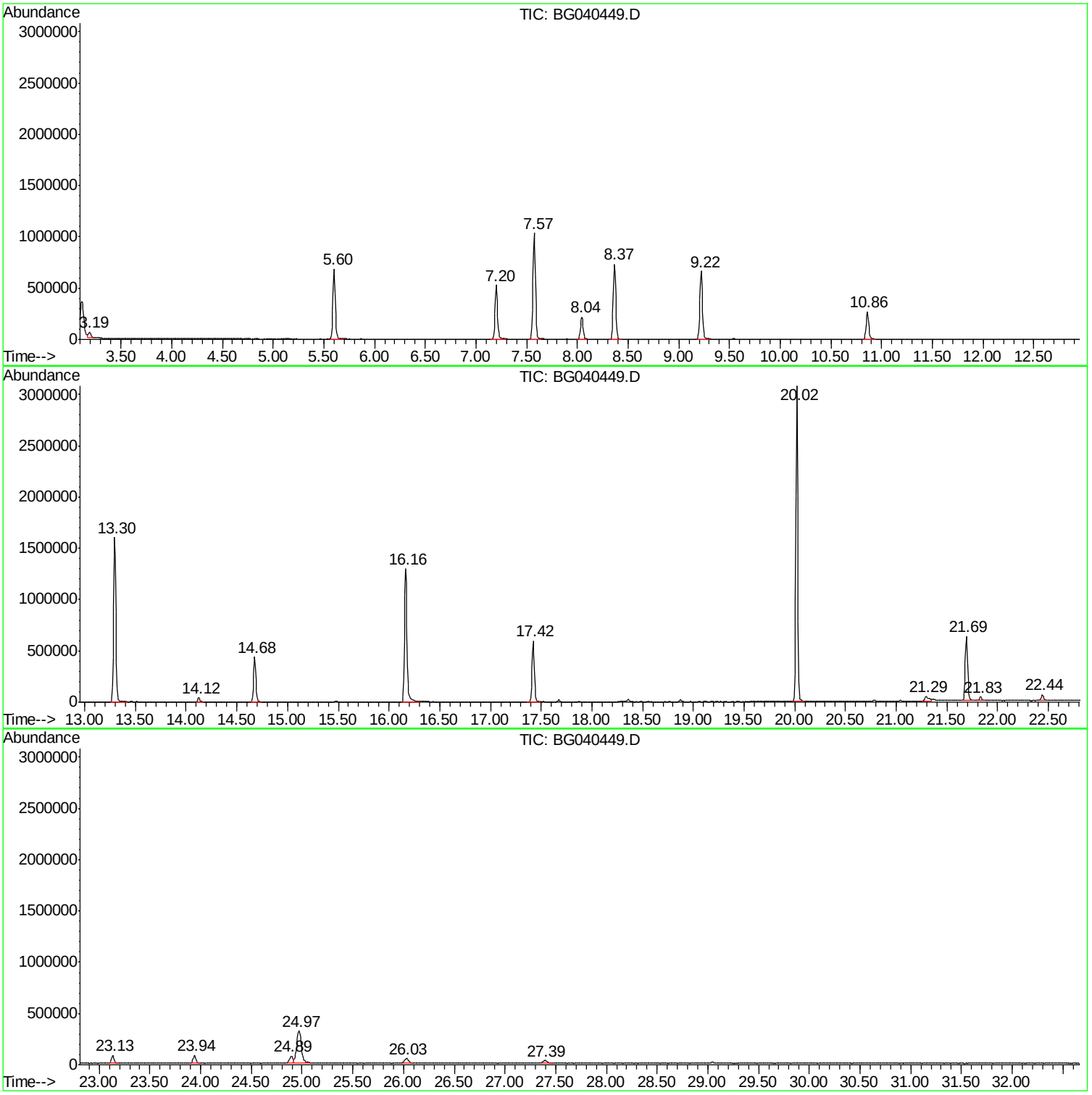
Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040449.D
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Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

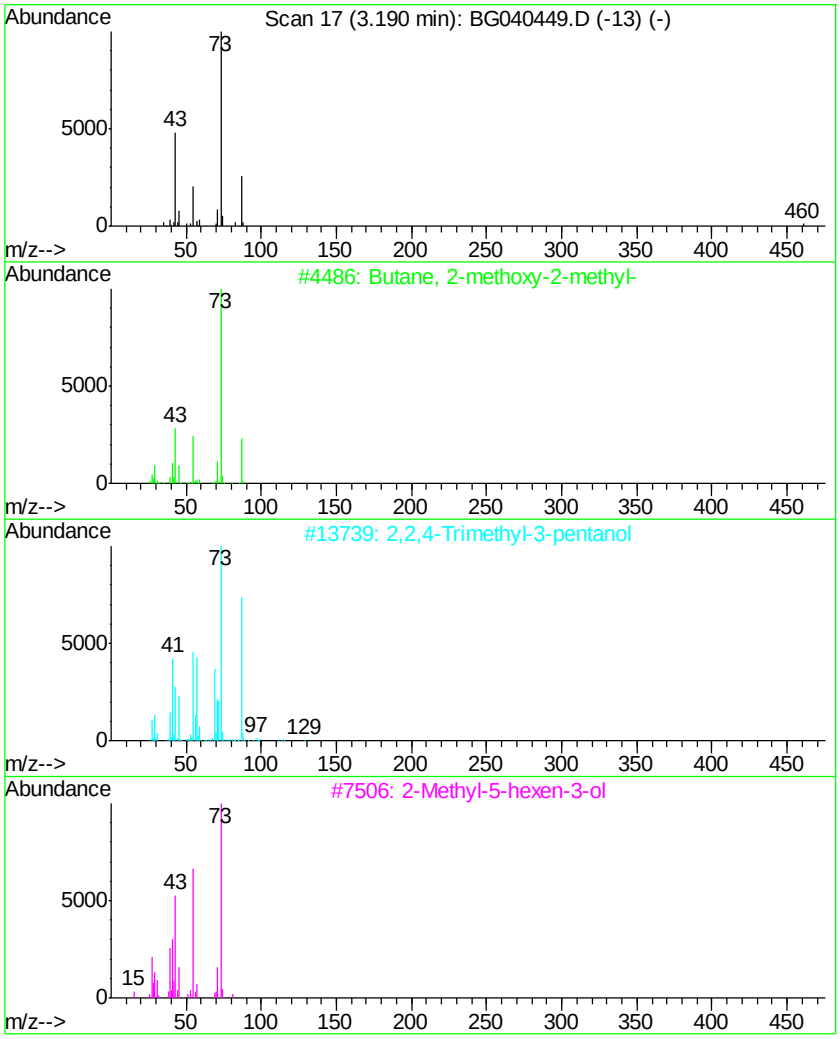
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

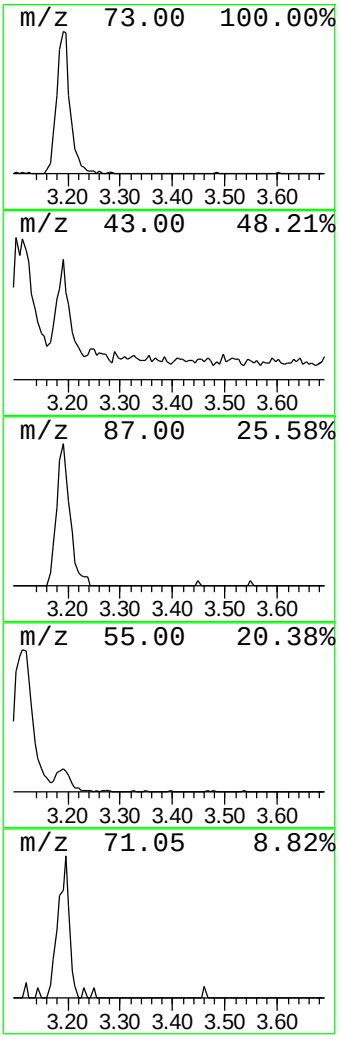
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	5.46 ng	101672	1,4-Dichlorobenzene-d4	8.04

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

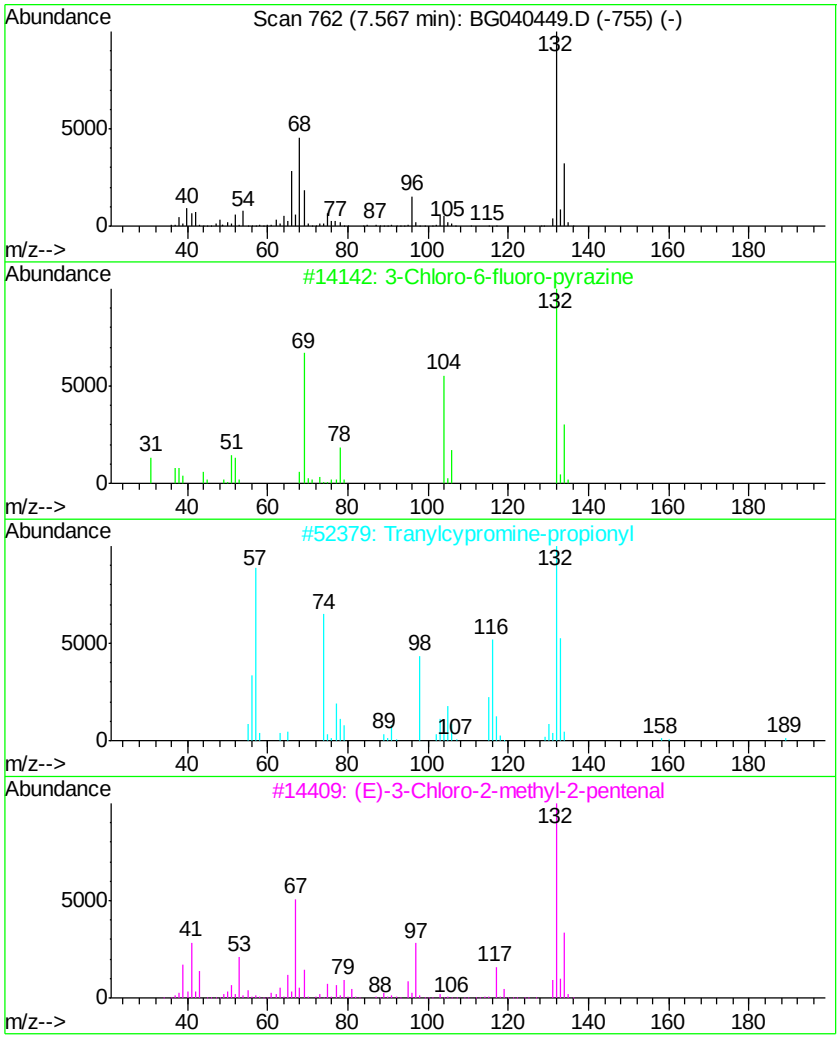
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

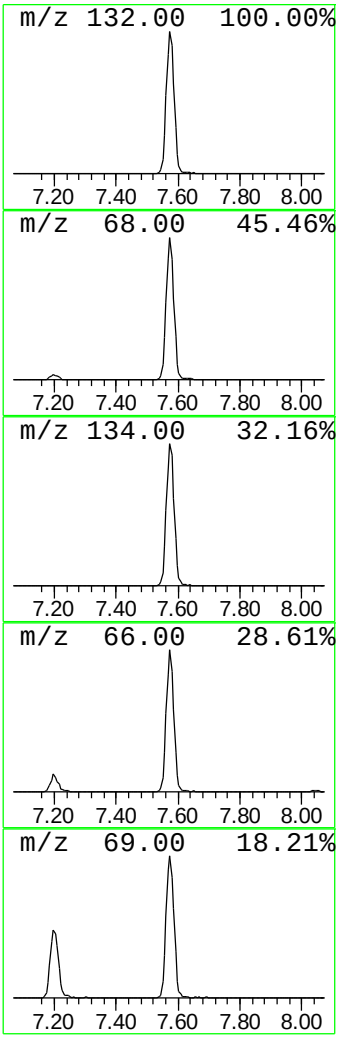
****

Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	95.46 ng	1777730	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040449.D
Acq On : 11 Apr 2019 20:09
Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

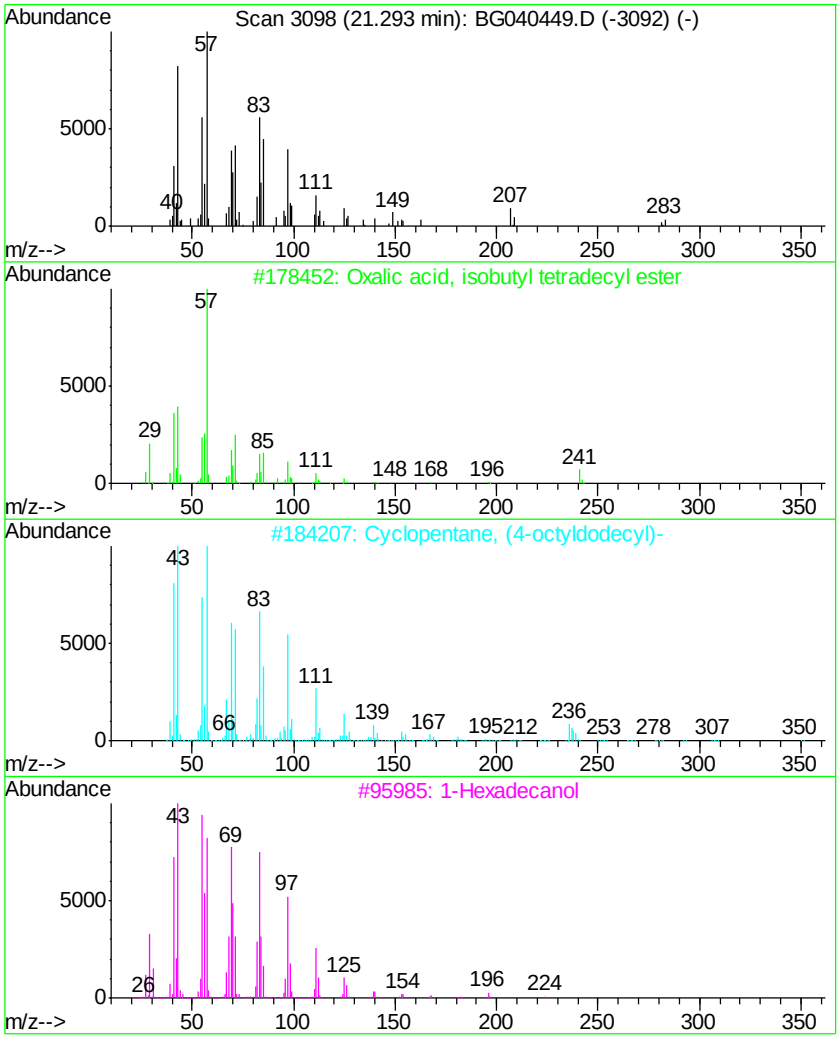
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

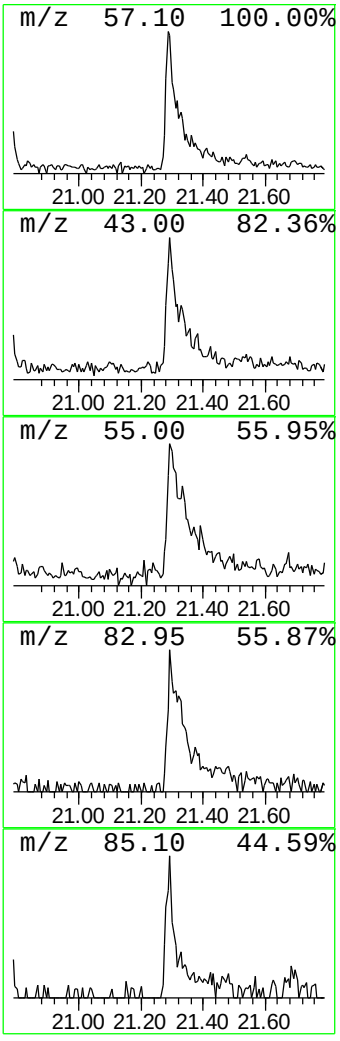
****

Peak Number 4 Oxalic acid, isobutyl tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.18 ng	117576	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	72
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	52
3	1-Hexadecanol	242	C16H34O	036653-82-4	52
4	17-Pentatriacontene	491	C35H70	006971-40-0	49
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46





Library Search Compound Report

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Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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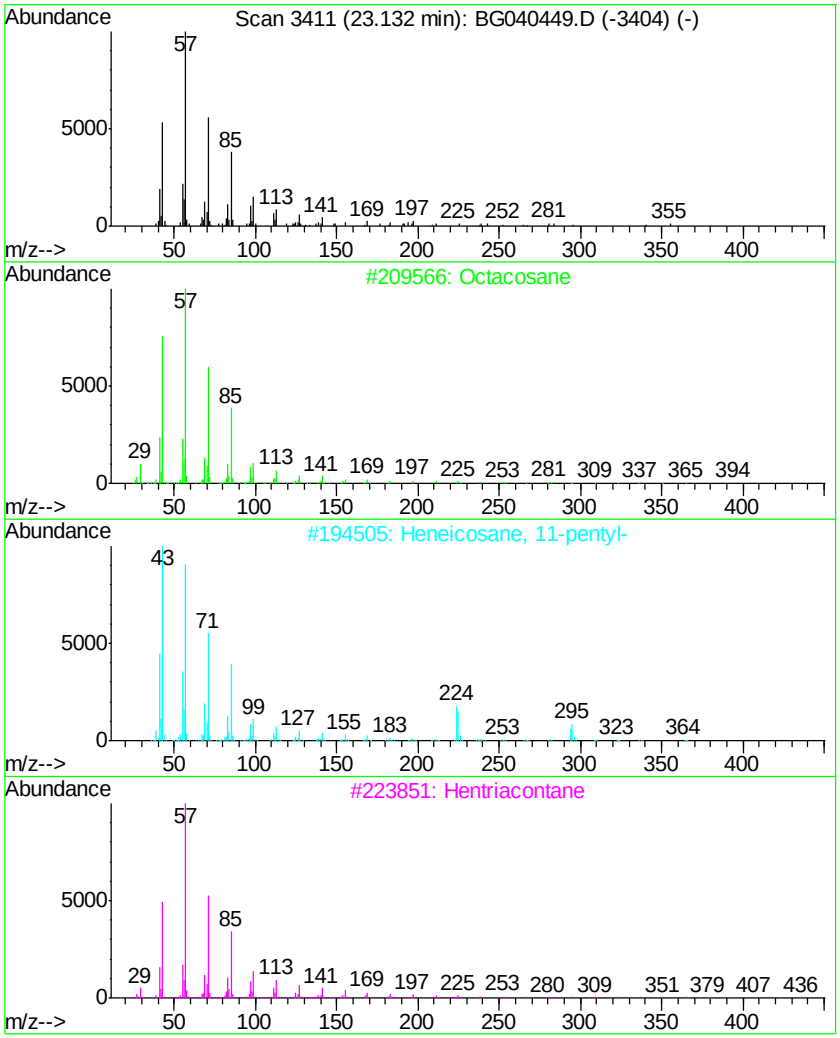
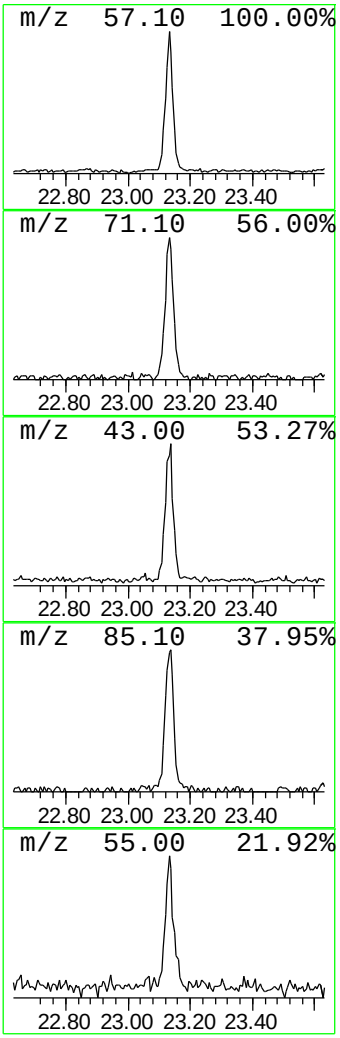
****

Peak Number 5 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.78 ng	149716	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tetracosane	338	C24H50	000646-31-1	80





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Operator : JU/SJ
Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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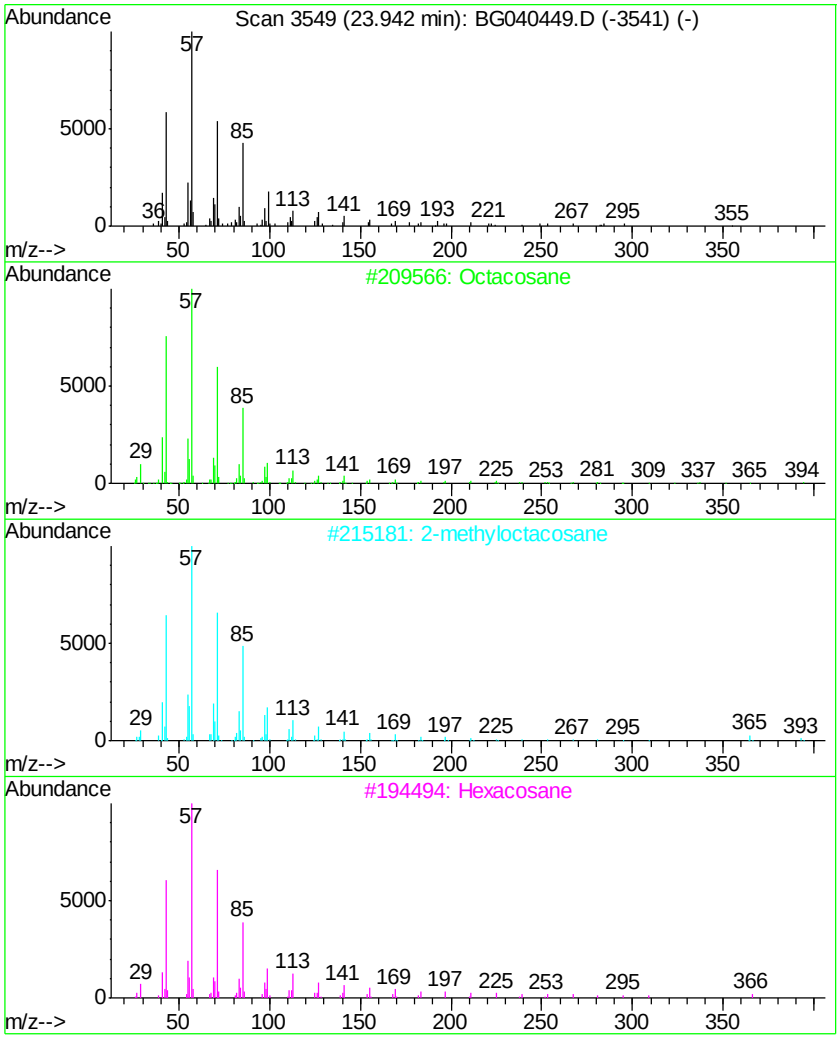
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

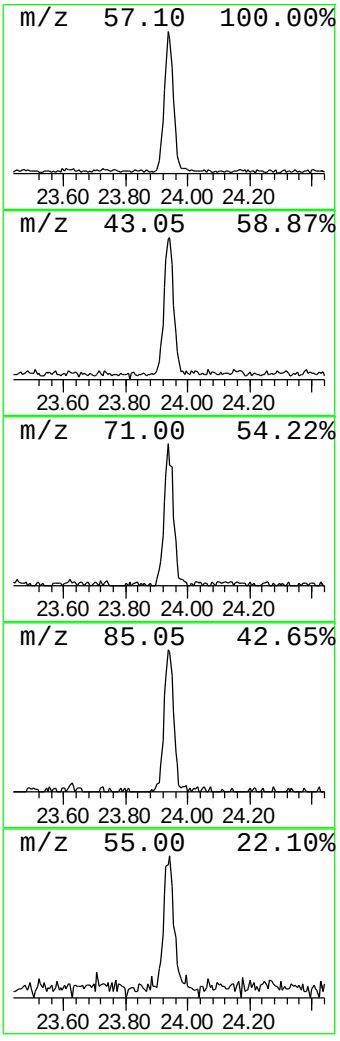
****

Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.21 ng	161592	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hentriacontane	437	C31H64	000630-04-6	87





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Sample : K2311-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0168-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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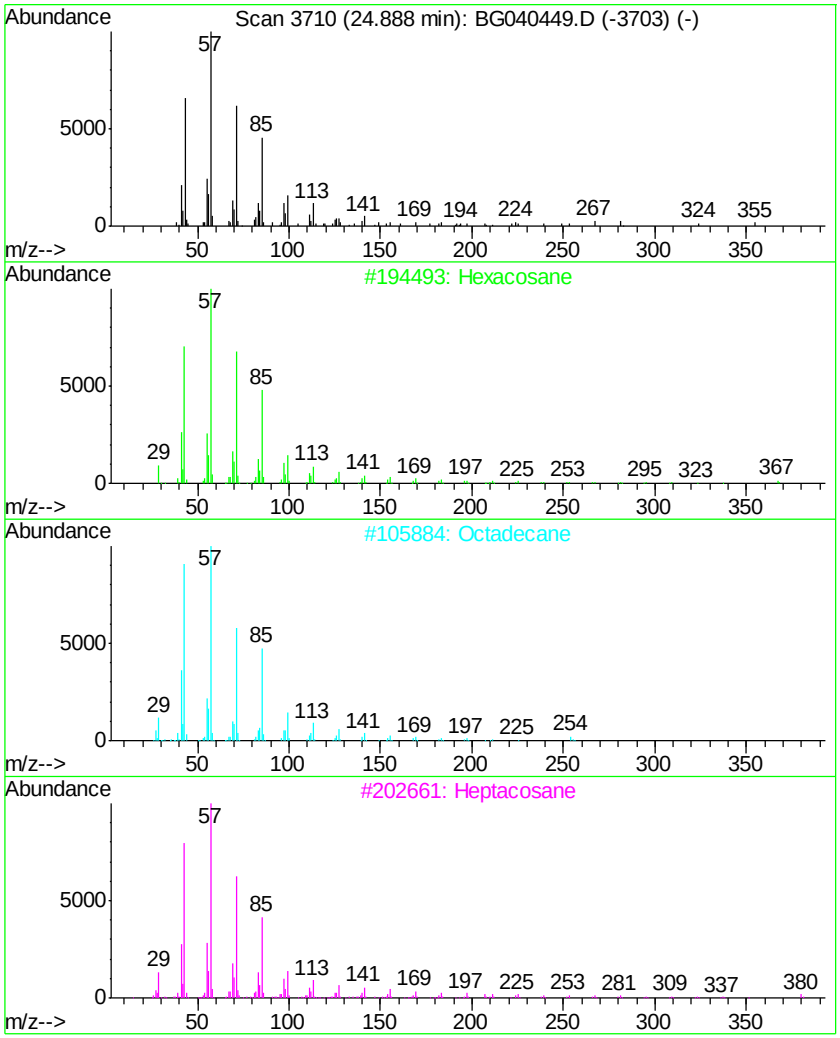
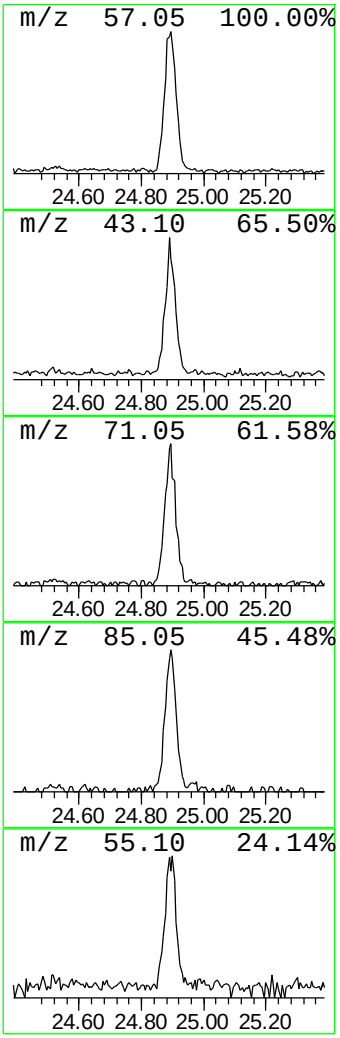
****

Peak Number 7 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	3.37 ng	169744	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

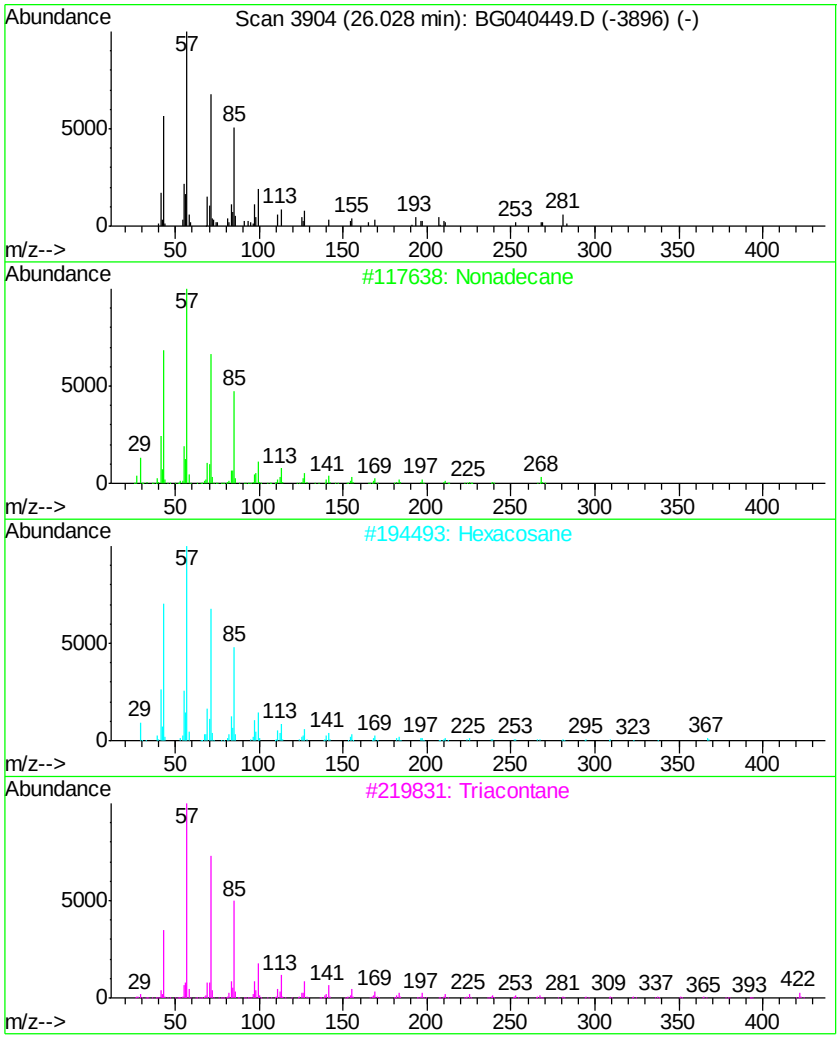
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

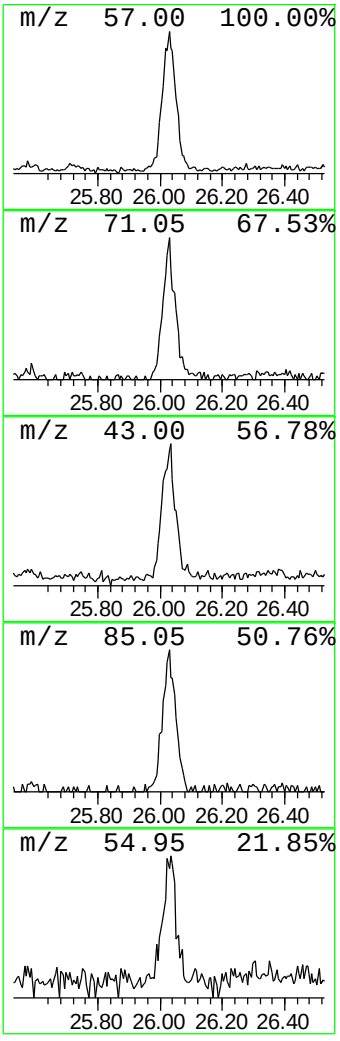
****

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	2.59 ng	130252	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	87
3	Triacontane	422	C30H62	000638-68-6	83
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	80





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	5.5	ng	101672	1	8.04	372448	20.0
unknown7.57	7.57	95.5	ng	1777730	1	8.04	372448	20.0
Oxalic acid, isob...	21.29	2.2	ng	117576	5	21.69	1078910	20.0
Octacosane	23.13	2.8	ng	149716	5	21.69	1078910	20.0
2-methyloctacosane	23.94	3.2	ng	161592	6	24.97	1006150	20.0
Hexacosane	24.89	3.4	ng	169744	6	24.97	1006150	20.0
Nonadecane	26.03	2.6	ng	130252	6	24.97	1006150	20.0