LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041440.D
Acq On : 25 Jun 2019 2:55
Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

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-BG061719.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	5.584	419	425	438	rBV	378024	637103	34.71%	6.053%
2	7.200	693	700	716	rBV	443552	795619	43.34%	7.559%
3	7.570	757	763	774	rBV	431840	761924	41.51%	7.239%
4	8.046	837	844	850	rBV	117389	207487	11.30%	1.971%
5	8.369	891	899	909	rBV	326439	590373	32.16%	5.609%
6	9.227	1038	1045	1058	rBV	274963	517132	28.17%	4.913%
7	10.866	1317	1324	1332	rBV2	154886	284913	15.52%	2.707%
8	13.304	1732	1739	1748	rBV	821031	1256425	68.45%	11.937%
9	14.127	1873	1879	1889	rBV	130554	201244	10.96%	1.912%
10	14.685	1967	1974	1985	rBV2	266690	424874	23.15%	4.037%
11	16.177	2221	2228	2244	rBV	619017	988882	53.87%	9.395%
12	17.435	2436	2442	2451	rBV2	347408	527232	28.72%	5.009%
13	18.287	2582	2587	2595	rBV2	39989	71130	3.88%	0.676%
14	19.562	2800	2804	2809	rBV6	12517	20107	1.10%	0.191%
15	20.032	2878	2884	2893	rBV	1458766	1835552	100.00%	17.440%
16	21.706	3162	3169	3177	rBV	318295	566035	30.84%	5.378%
17	21.841	3188	3192	3196	rVB2	27670	38797	2.11%	0.369%
18	22.446	3291	3295	3303	rBV	39497	64461	3.51%	0.612%
19	23.146	3409	3414	3422	rVB3	52356	97493	5.31%	0.926%
20	23.340	3442	3447	3453	rVB6	16531	35432	1.93%	0.337%
21	23.956	3546	3552	3559	rBV4	46798	98146	5.35%	0.932%
22	24.914	3708	3715	3719	rBV3	37966	90863	4.95%	0.863%
23	24.991	3720	3728	3742	rVB2	113554	346425	18.87%	3.291%
24	26.054	3904	3909	3921	rVB6	25062	67606	3.68%	0.642%

Sum of corrected areas: 10525255

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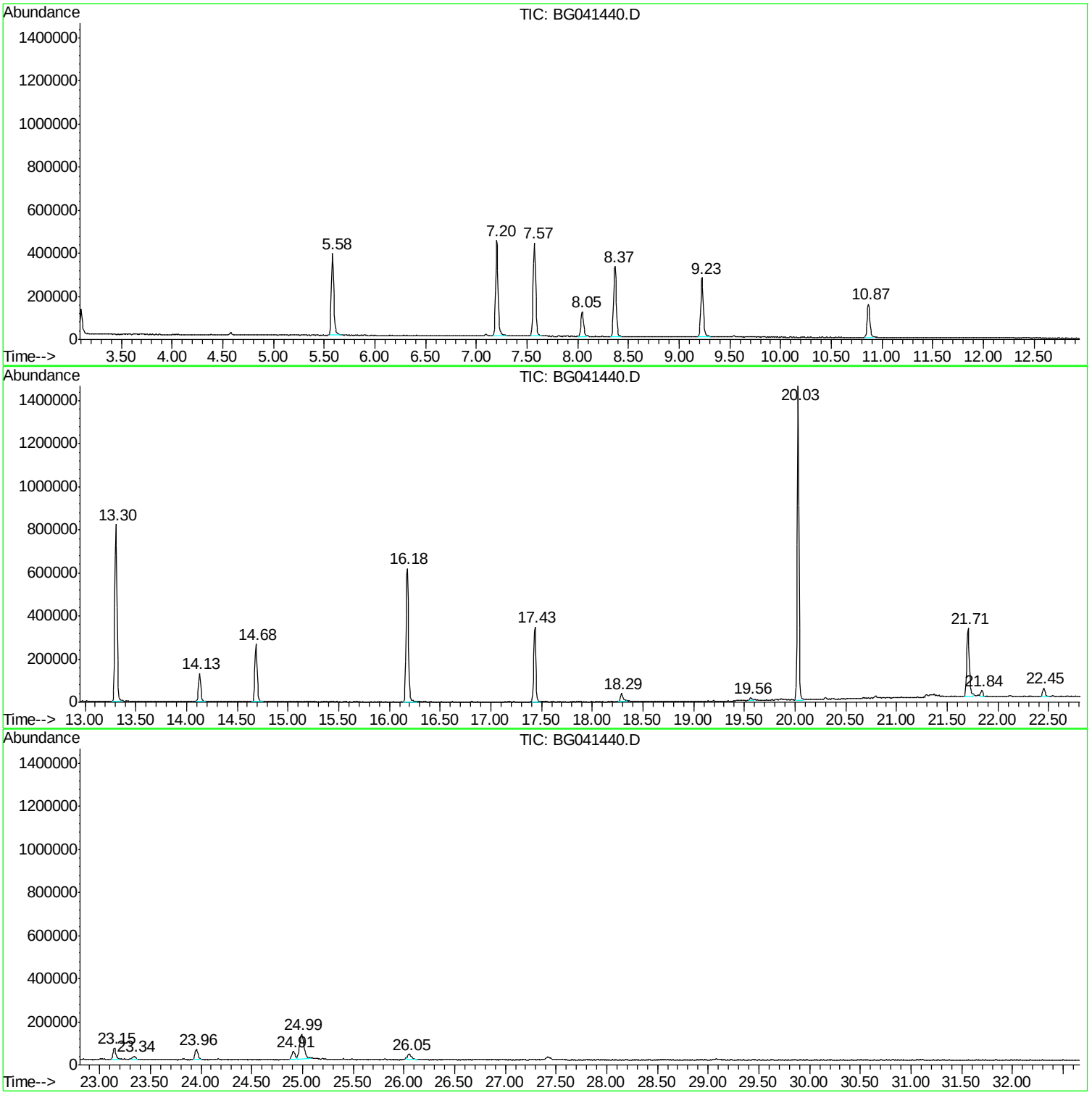
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041440.D
Acq On : 25 Jun 2019 2:55
Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

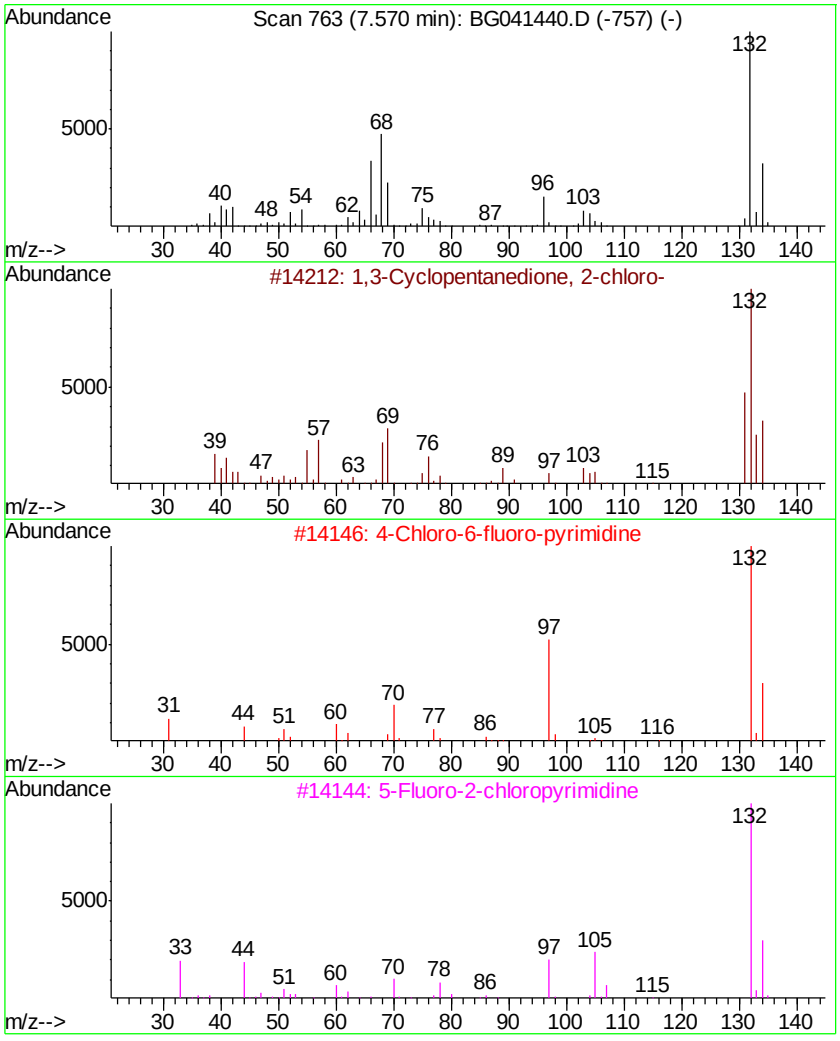
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

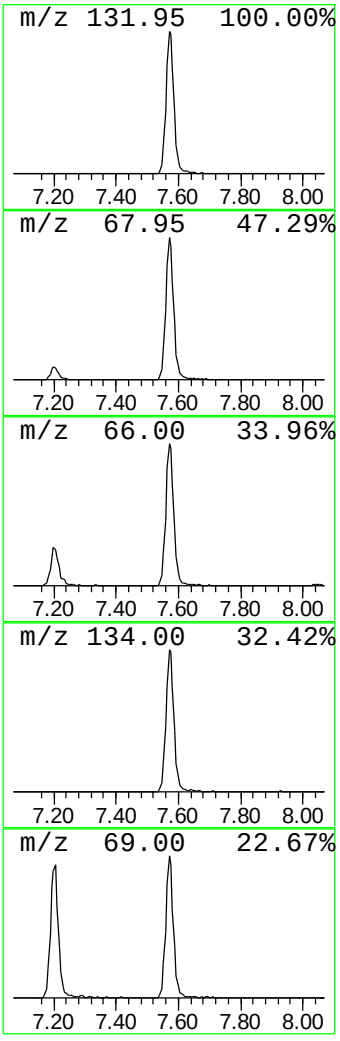
****

Peak Number 1 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	73.44 ng	761924	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041440.D
Acq On : 25 Jun 2019 2:55
Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

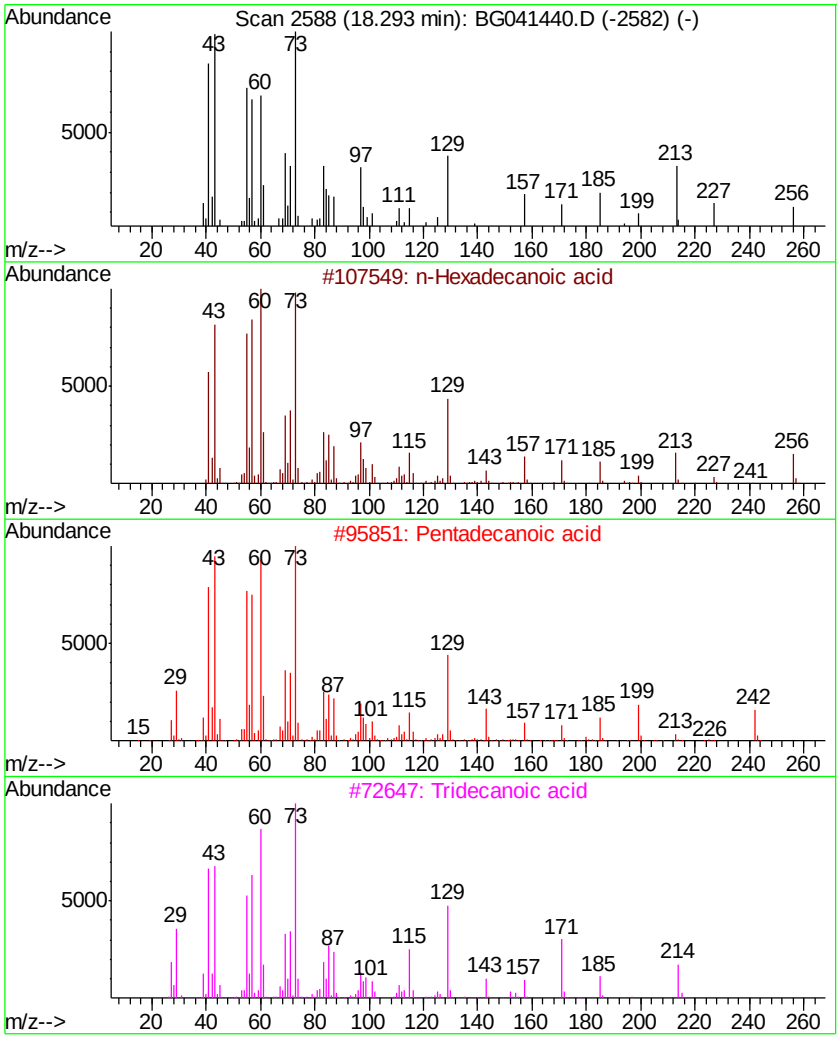
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

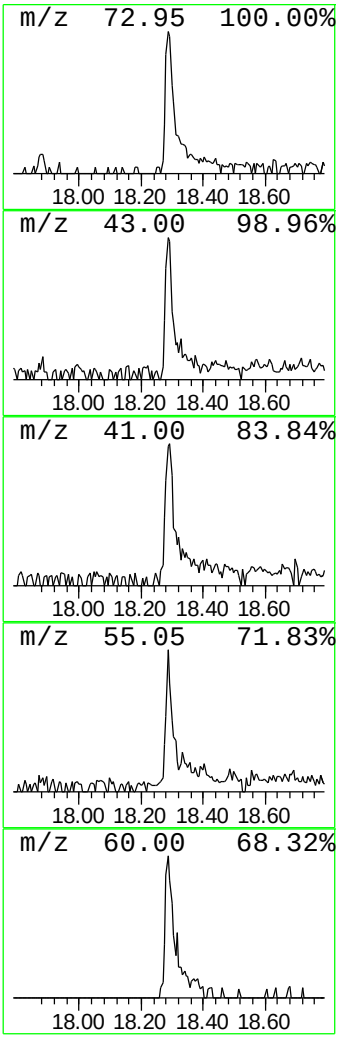
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.70 ng	71130	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	27
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041440.D
Acq On : 25 Jun 2019 2:55
Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

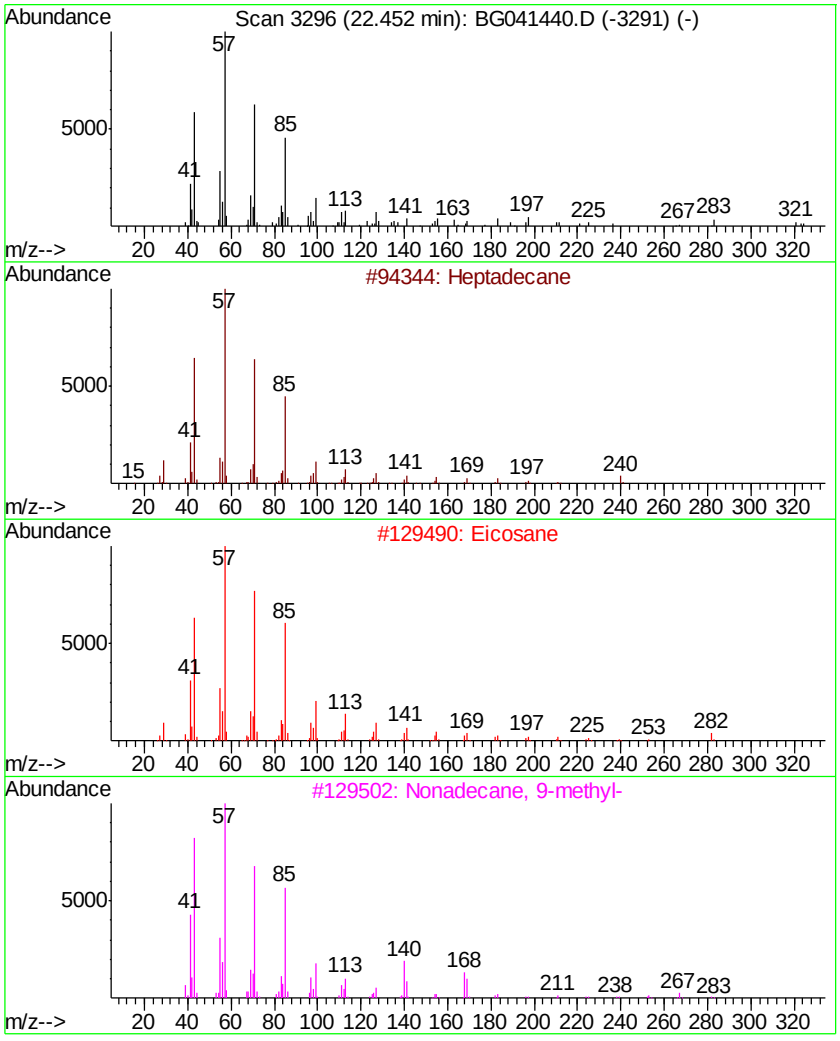
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

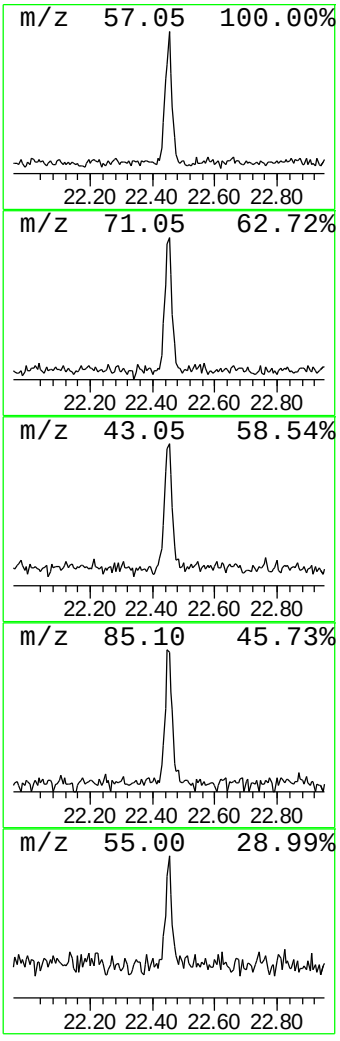
****

Peak Number 4 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.28 ng	64461	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041440.D
Acq On : 25 Jun 2019 2:55
Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

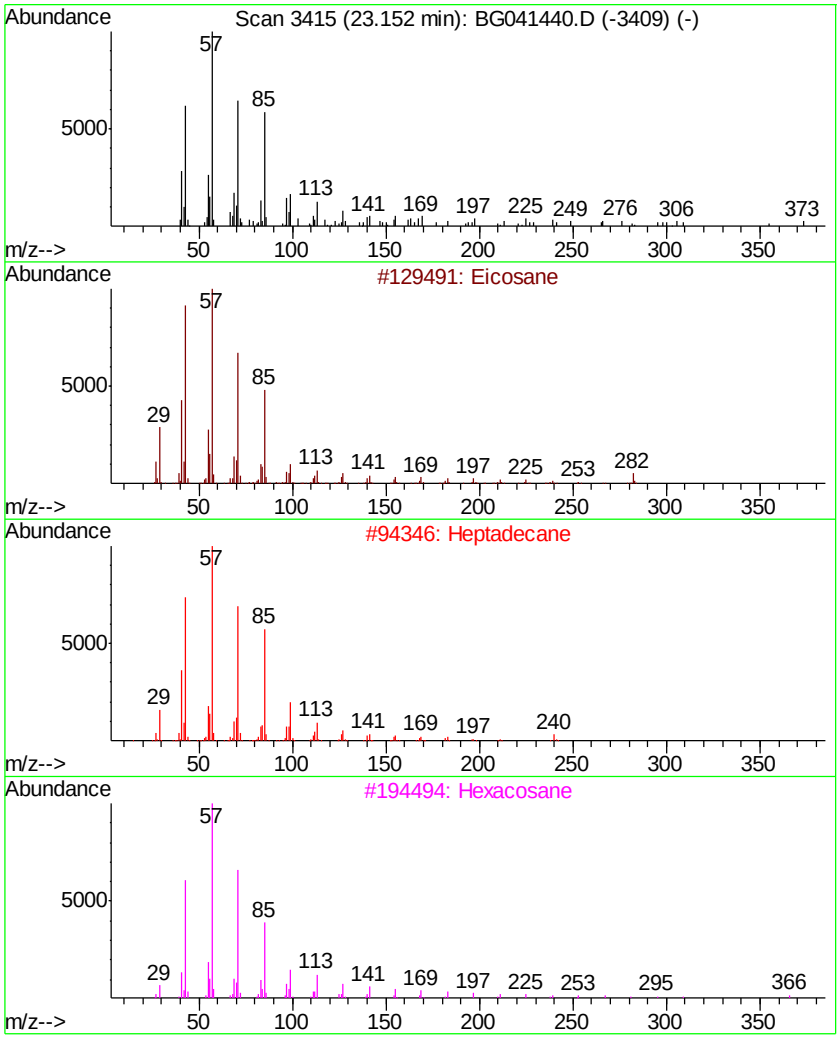
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

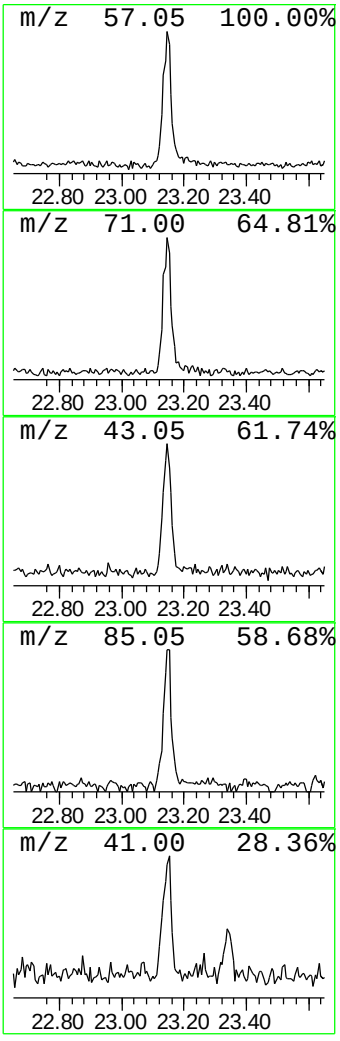
****

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.44 ng	97493	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Docosane	310	C22H46	000629-97-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041440.D
Acq On : 25 Jun 2019 2:55
Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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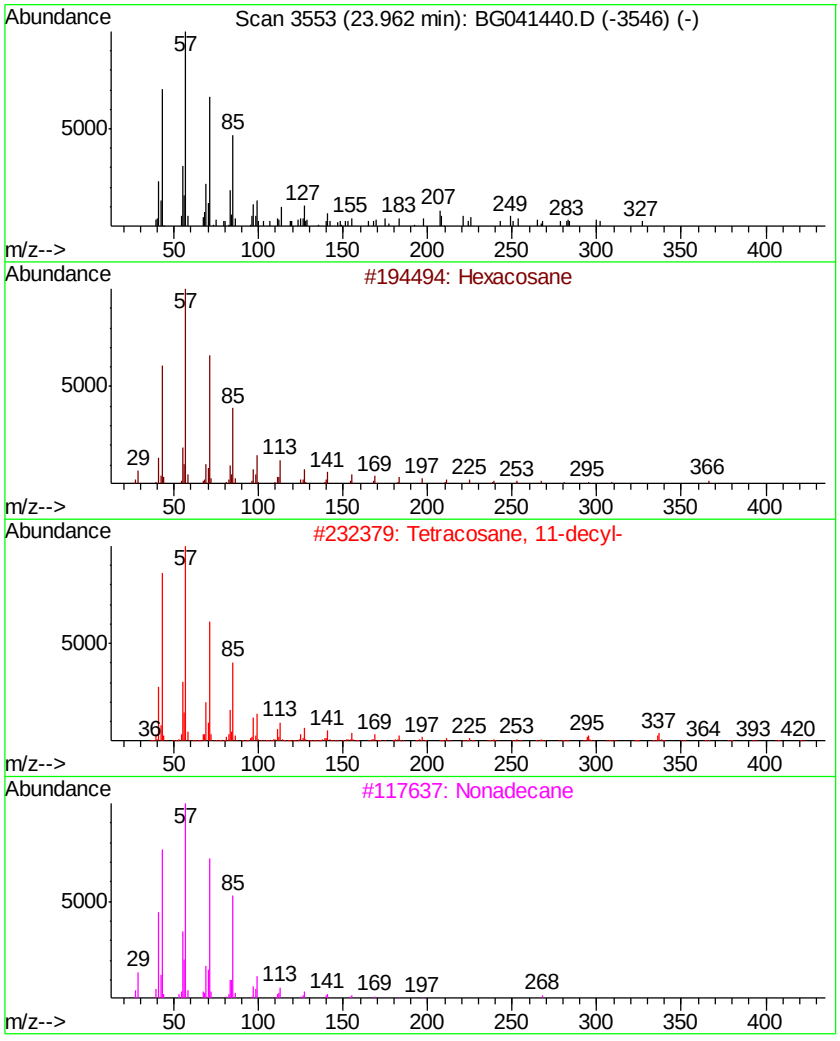
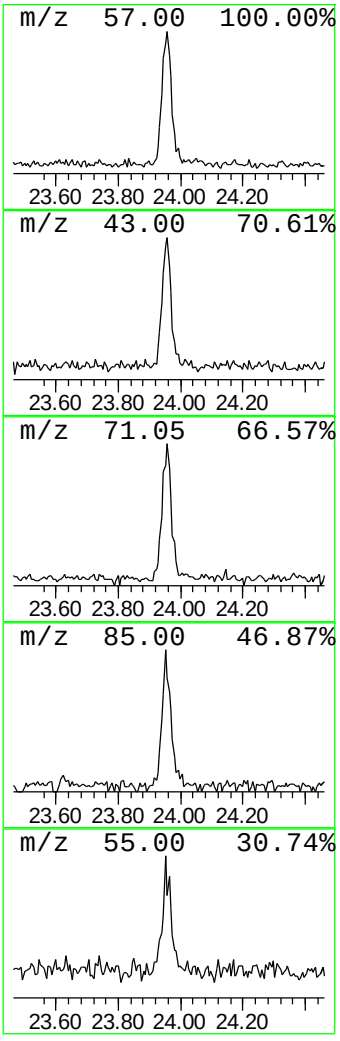
****

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	5.67 ng	98146	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
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Operator : HP/JU
Sample : K3500-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

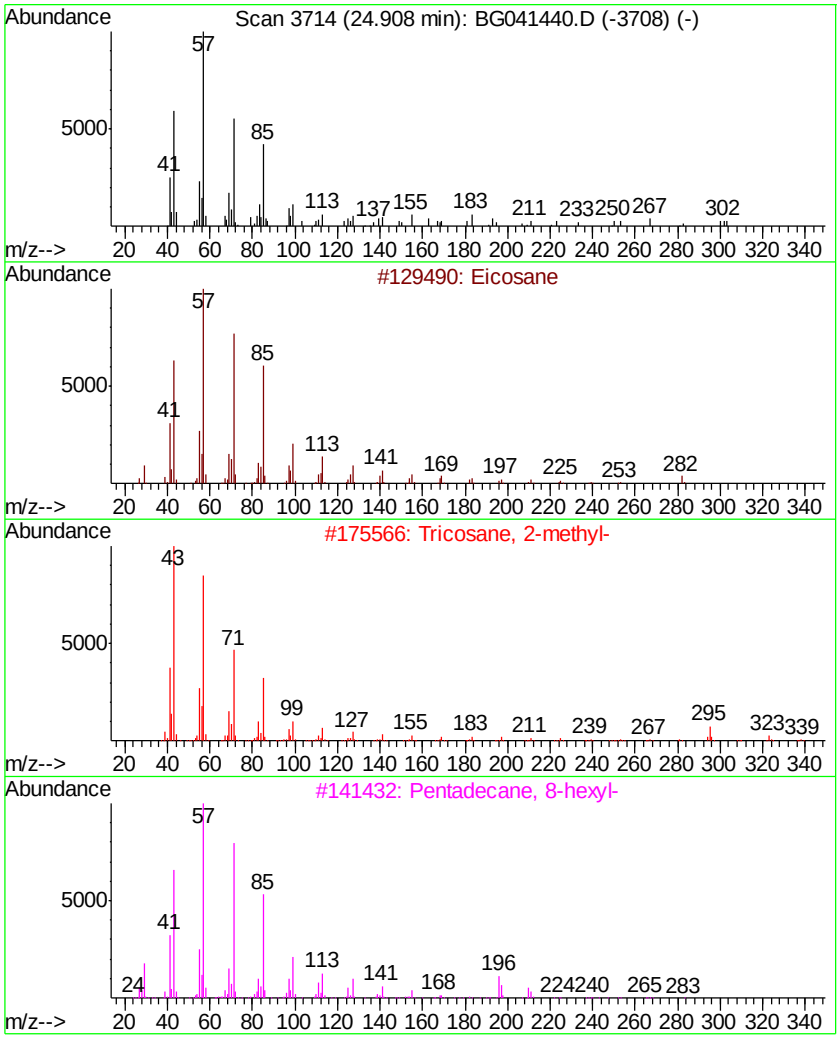
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

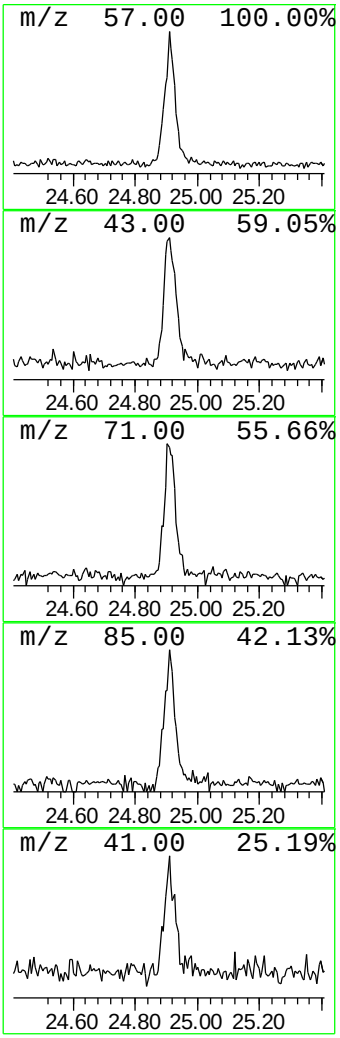
****

Peak Number 7 Tricosane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	5.25 ng	90863	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
4	5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	80
5	Hexacosane	366	C26H54	000630-01-3	80





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

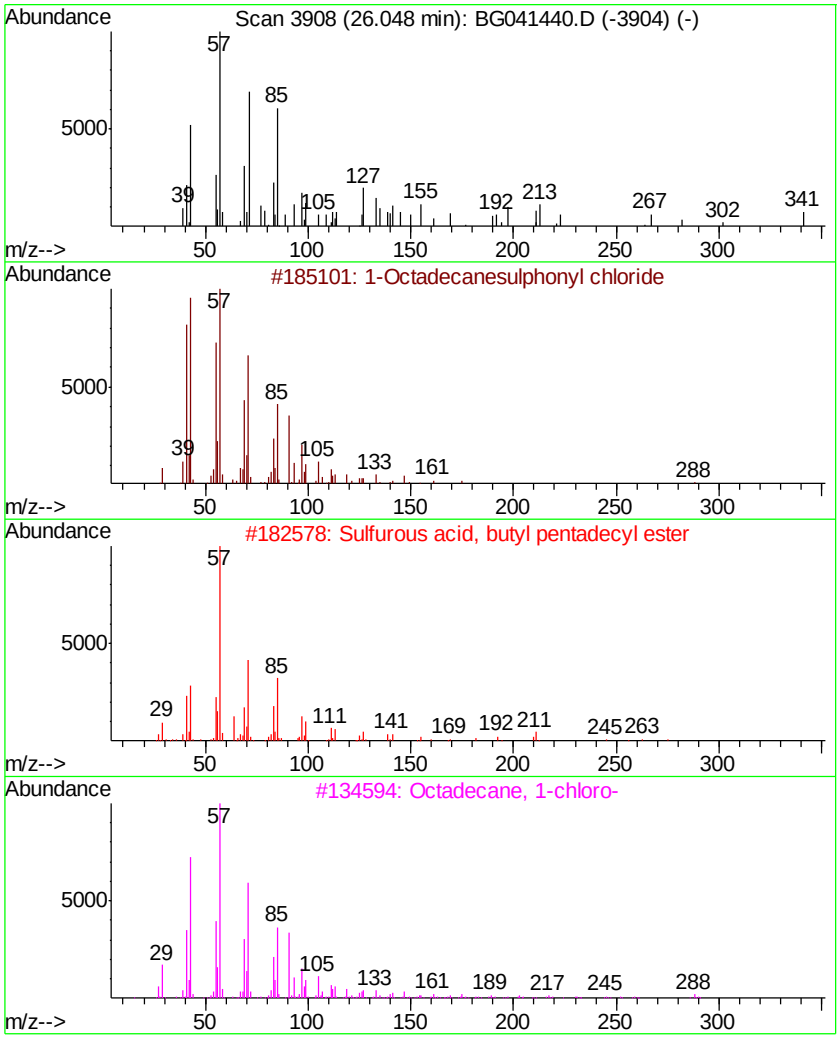
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

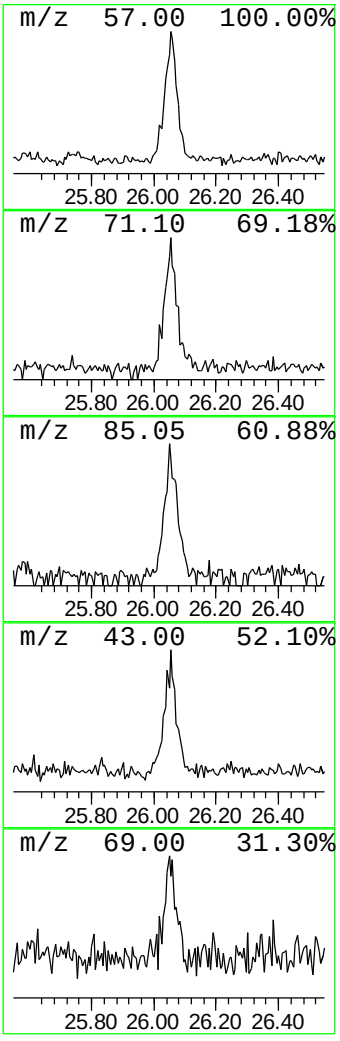
****

Peak Number 8 1-Octadecanesulphonyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	3.90 ng	67606	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	59
2	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	59
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
4	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	59
5	Eicosane	282	C20H42	000112-95-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
Data File : BG041440.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.57	7.57	73.4	ng	761924	1	8.05	207487	20.0
n-Hexadecanoic acid	18.29	2.7	ng	71130	4	17.43	527232	20.0
Heptadecane	22.45	2.3	ng	64461	5	21.71	566035	20.0
Eicosane	23.15	3.4	ng	97493	5	21.71	566035	20.0
Hexacosane	23.96	5.7	ng	98146	6	24.99	346425	20.0
Tricosane, 2-methyl-	24.91	5.3	ng	90863	6	24.99	346425	20.0
1-Octadecanesulph...	26.05	3.9	ng	67606	6	24.99	346425	20.0