LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023012.D
Acq On : 11 Jul 2016 22:38
Operator : UM/SJ
Sample : H3967-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0006

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:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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	5.219	400	405	411	rBV	112373	180580	1.78%	0.394%
2	5.695	478	486	495	rBV	818302	1320920	13.05%	2.880%
3	7.305	752	760	771	rBV	576932	1057592	10.45%	2.306%
4	7.681	817	824	833	rBV	1645373	2832808	27.98%	6.176%
5	8.151	898	904	912	rVB	368694	630682	6.23%	1.375%
6	8.480	952	960	971	rVB	1388961	2467173	24.37%	5.379%
7	9.326	1096	1104	1112	rBV	1433460	2640567	26.08%	5.757%
8	10.983	1379	1386	1395	rVB	578058	1078584	10.65%	2.351%
9	11.770	1511	1520	1527	rBV2	257425	534696	5.28%	1.166%
10	13.068	1732	1741	1747	rBV3	323643	562630	5.56%	1.227%
11	13.421	1793	1801	1807	rBV	4059098	6614626	65.34%	14.421%
12	14.796	2025	2035	2043	rBV2	1063506	1845338	18.23%	4.023%
13	16.288	2282	2289	2301	rBV	3957354	6278622	62.02%	13.688%
14	17.551	2498	2504	2512	rVB2	1402673	2153478	21.27%	4.695%
15	18.421	2647	2652	2660	rBV2	196038	302813	2.99%	0.660%
16	19.684	2864	2867	2874	rBV2	162088	227803	2.25%	0.497%
17	20.154	2941	2947	2955	rBV	7094427	10123663	100.00%	22.071%
18	21.858	3231	3237	3245	rVB2	1486278	2531604	25.01%	5.519%
19	25.242	3802	3813	3826	rBV2	804869	2484824	24.54%	5.417%

Sum of corrected areas: 45869003

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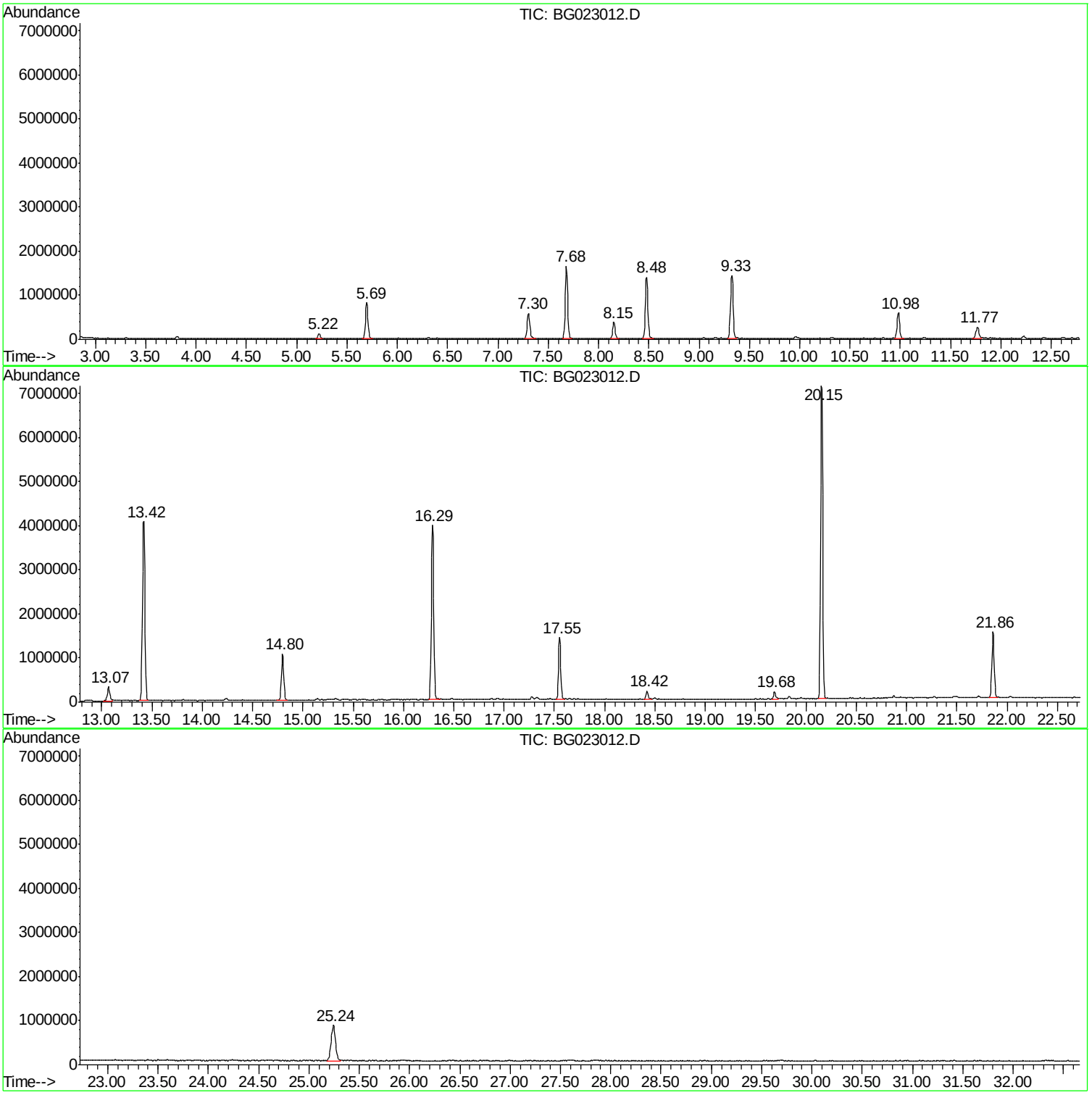
Instrument : BNA_G
ClientSampleId : S22-0006

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BG023012.D
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Operator : UM/SJ
Sample : H3967-01
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Instrument : BNA_G
ClientSampleId : S22-0006

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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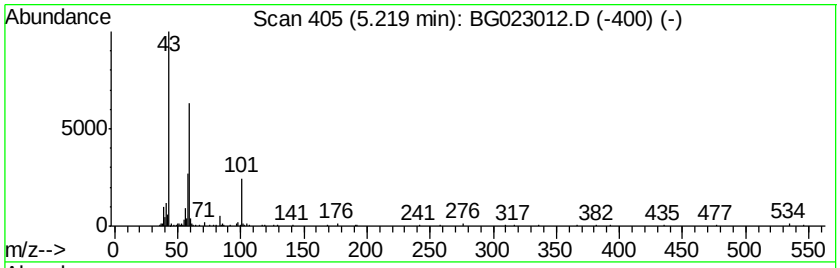
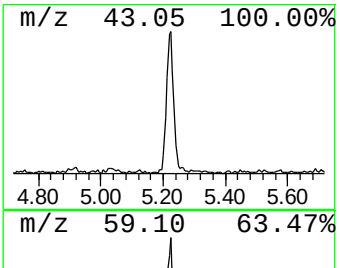
Peak Number 1 unknown5.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.73 ng	180580	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
3	Silane, dimethyl-	60	C2H8Si	001111-74-6	27
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	27
5	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	25





Library Search Compound Report

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Sample : H3967-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0006

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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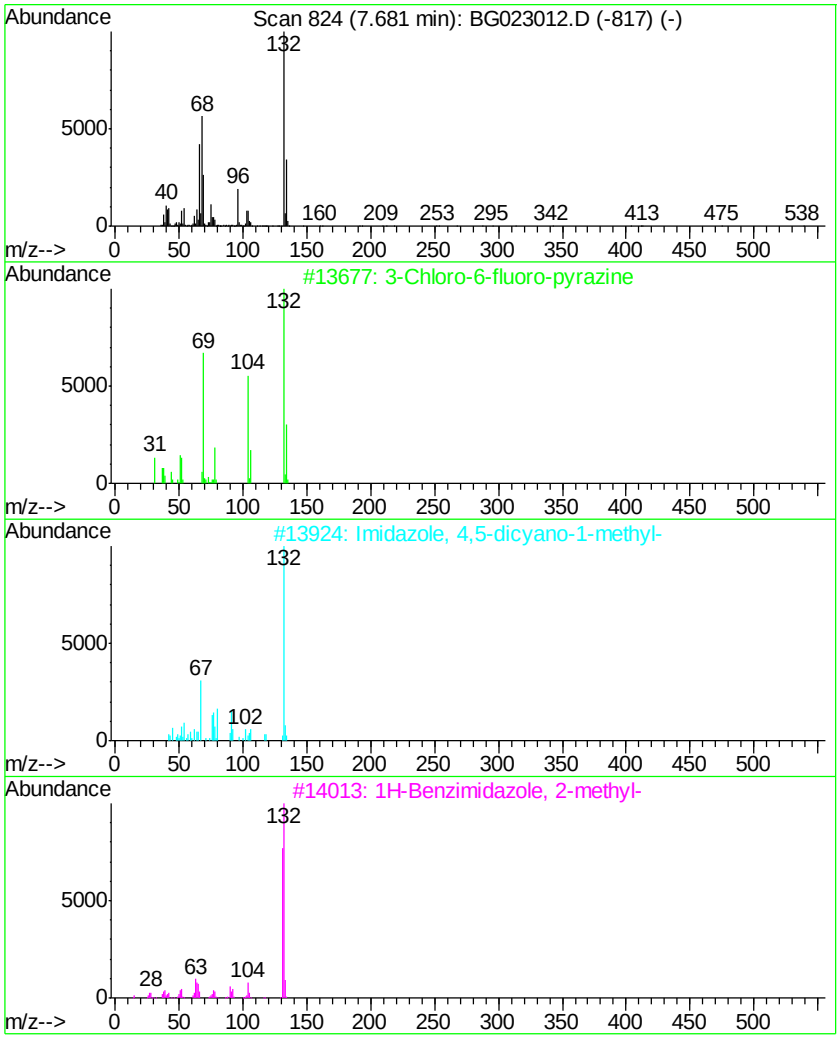
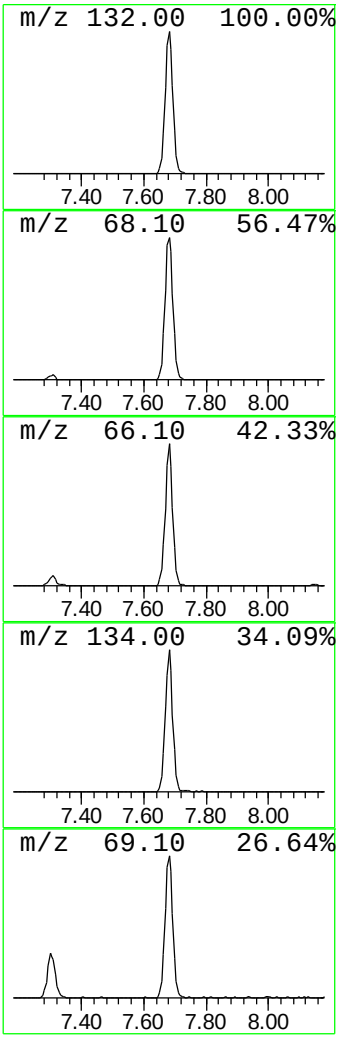
Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	89.83 ng	2832810	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





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Data File : BG023012.D
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Operator : UM/SJ
Sample : H3967-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0006

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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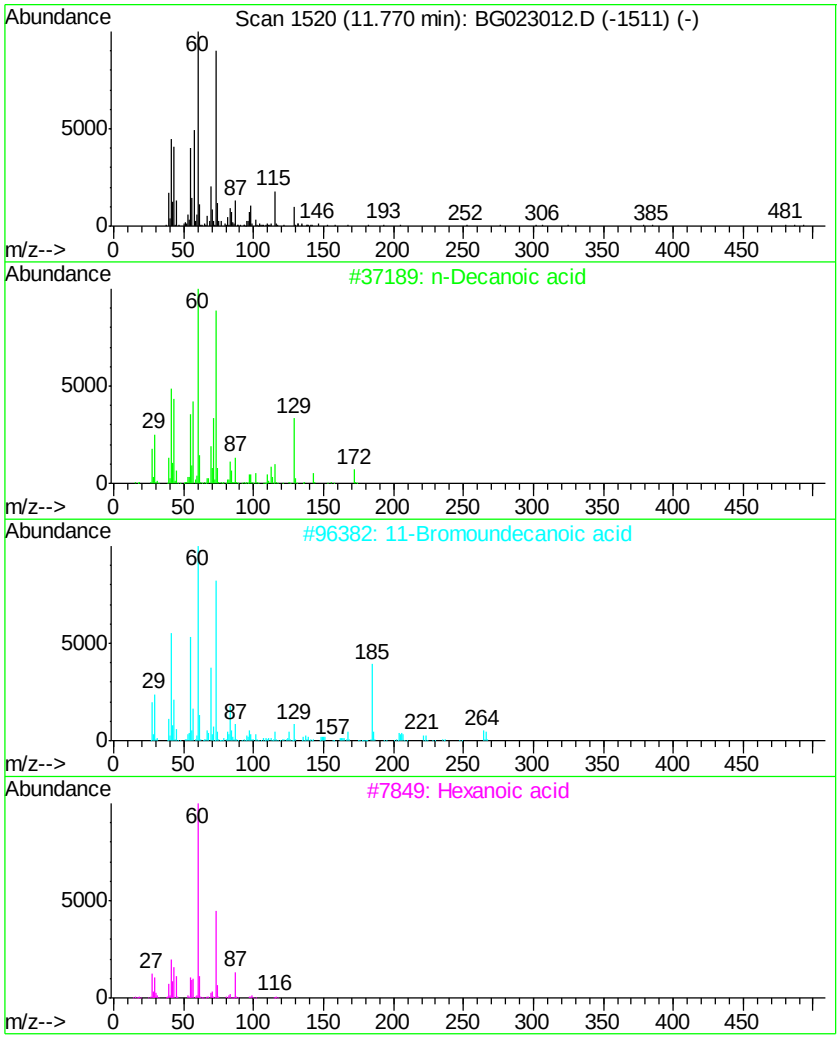
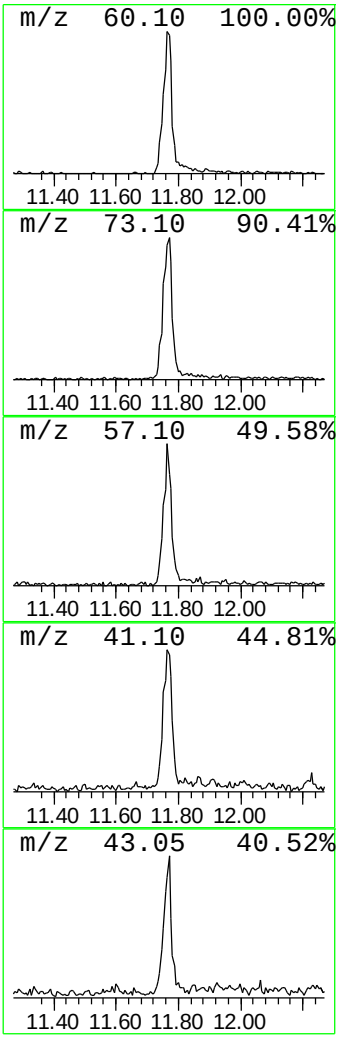
Peak Number 4 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.91 ng	534696	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	72
2	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	72
3	Hexanoic acid	116	C6H12O2	000142-62-1	58
4	Nonanoic acid	158	C9H18O2	000112-05-0	56
5	Pentanoic acid	102	C5H10O2	000109-52-4	53





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Instrument : BNA_G
ClientSampleId : S22-0006

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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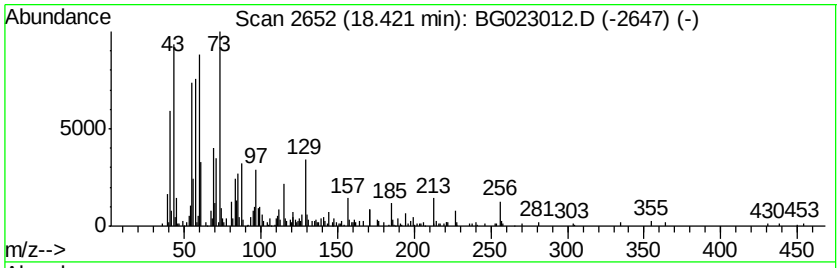
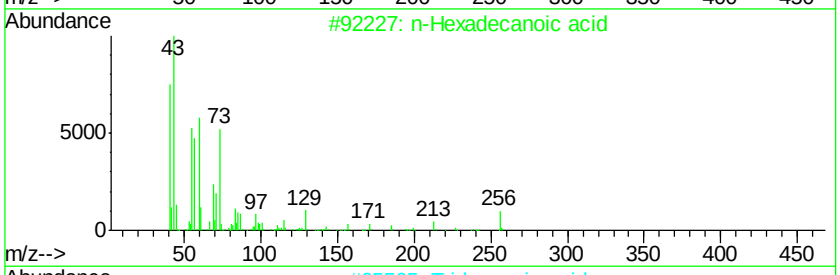
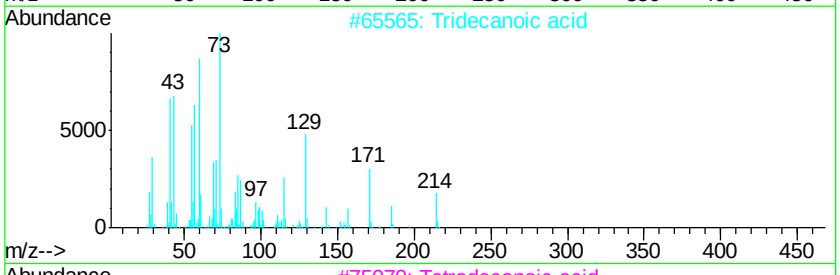
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

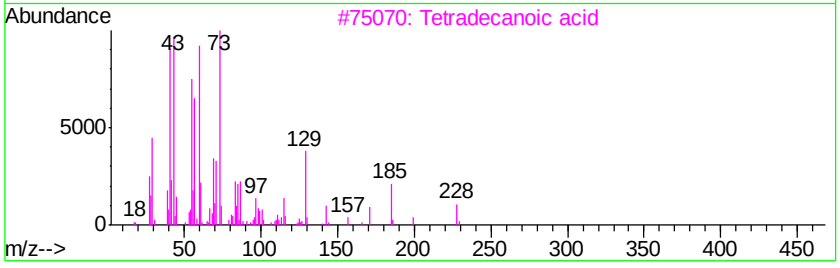
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.81 ng	302813	Phenanthrene-d10	17.55

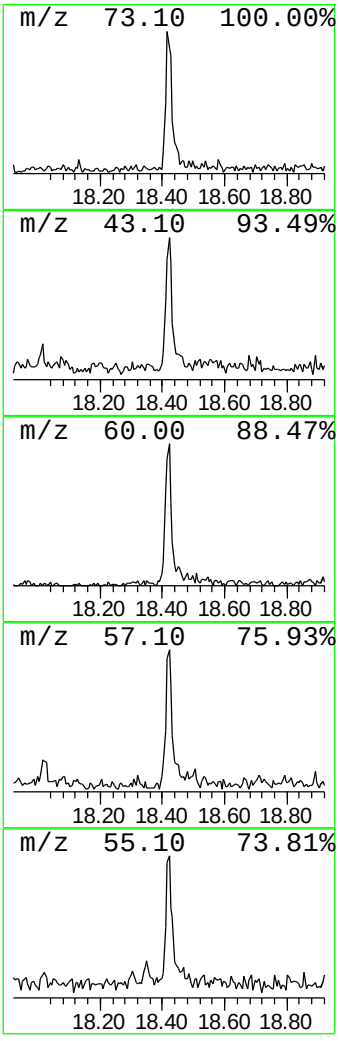
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64











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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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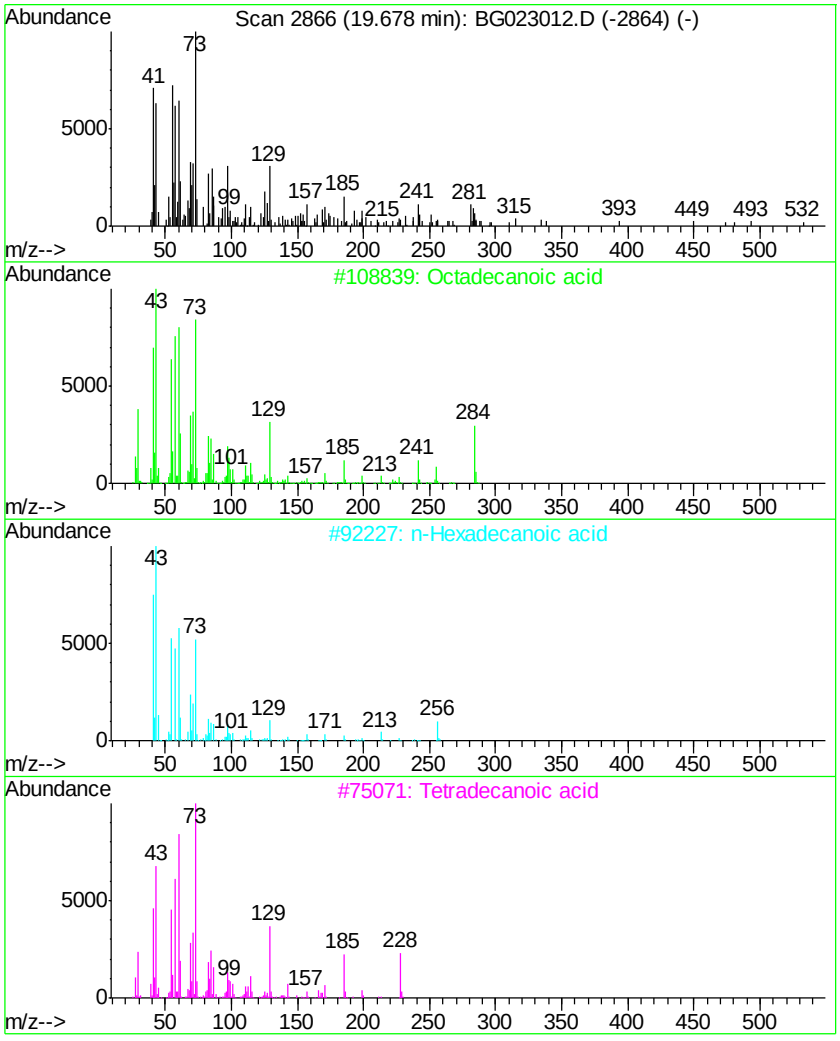
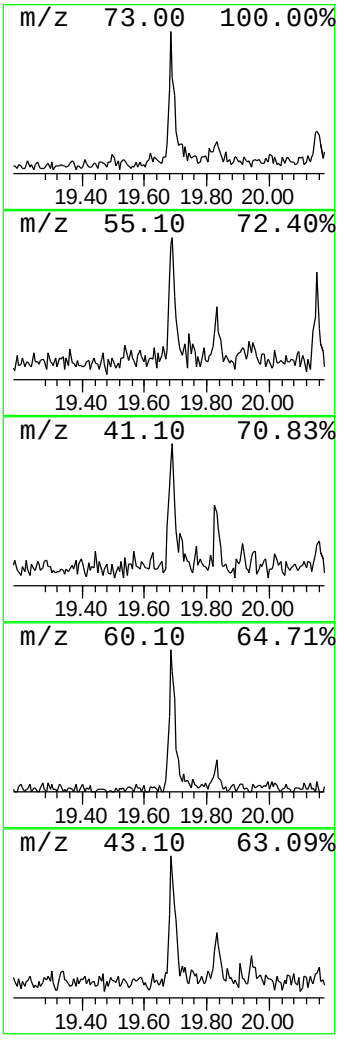
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.12 ng	227803	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	78
5	n-Decyl .alpha.-d-2-deoxyglucoside	304	C16H32O5	1000211-42-8	43





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.22	5.22	5.7	ng	180580	1	8.15	630682	20.0
unknown7.68	7.68	89.8	ng	2832810	1	8.15	630682	20.0
n-Decanoic acid	11.77	9.9	ng	534696	2	10.98	1078580	20.0
n-Hexadecanoic acid	18.42	2.8	ng	302813	4	17.55	2153480	20.0
Octadecanoic acid	19.68	2.1	ng	227803	4	17.55	2153480	20.0