LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035922.D
Acq On : 26 Jul 2018 23:45
Operator : JU/SJ
Sample : J4163-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

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-BG071218.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	5.142	310	315	324	rVB	33818	57018	1.47%	0.346%
2	5.606	387	394	415	rVB	360680	615399	15.83%	3.730%
3	7.192	657	664	679	rBV	271536	507403	13.05%	3.075%
4	7.562	718	727	742	rBV	611774	1102602	28.36%	6.683%
5	8.026	794	806	815	rBV	136853	234842	6.04%	1.423%
6	8.349	852	861	870	rBV	537429	984942	25.33%	5.970%
7	9.183	993	1003	1018	rBV	432046	843662	21.70%	5.113%
8	10.828	1276	1283	1297	rBV	168576	328165	8.44%	1.989%
9	13.272	1691	1699	1715	rBV	1403241	2203867	56.68%	13.358%
10	14.094	1834	1839	1850	rVB2	75204	126138	3.24%	0.765%
11	14.647	1922	1933	1946	rBV2	311075	546142	14.05%	3.310%
12	15.193	2019	2026	2032	rBV10	23169	53214	1.37%	0.323%
13	16.139	2179	2187	2196	rBV	1199534	1945644	50.04%	11.792%
14	17.390	2394	2400	2408	rBV2	458185	714699	18.38%	4.332%
15	18.277	2546	2551	2557	rBV2	87292	128934	3.32%	0.781%
16	19.998	2838	2844	2855	rBV	2905534	3888012	100.00%	23.565%
17	21.655	3119	3126	3136	rVB	504311	865136	22.25%	5.244%
18	23.123	3369	3376	3381	rBV4	42143	84787	2.18%	0.514%
19	23.311	3403	3408	3416	rVB5	19909	40243	1.04%	0.244%
20	23.916	3505	3511	3520	rVB2	53200	108150	2.78%	0.655%
21	24.856	3659	3671	3682	rBV2	318845	930016	23.92%	5.637%
22	25.967	3850	3860	3867	rBV4	37192	112122	2.88%	0.680%
23	27.300	4081	4087	4100	rVB10	24018	77896	2.00%	0.472%

Sum of corrected areas: 16499033

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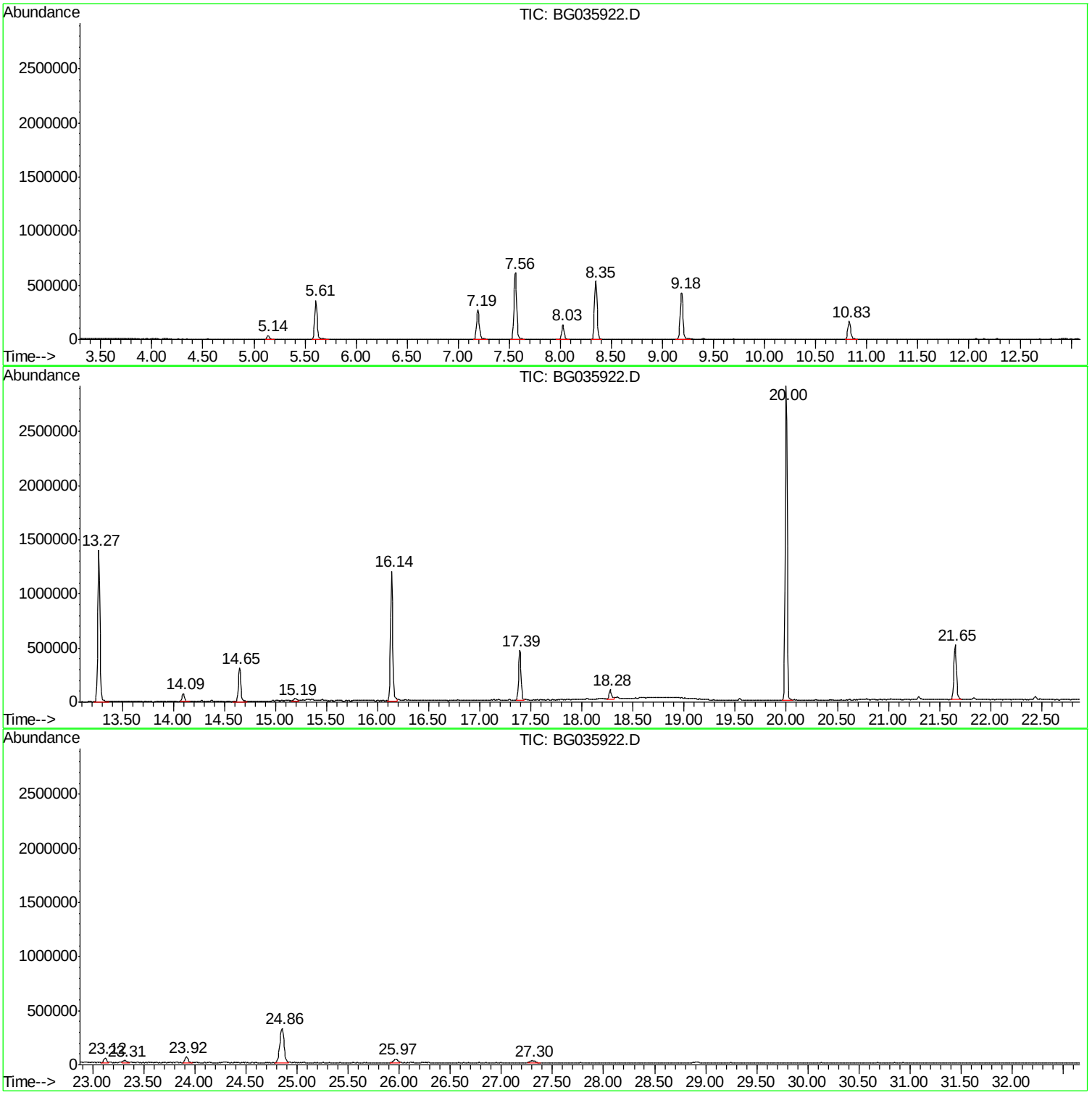
Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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

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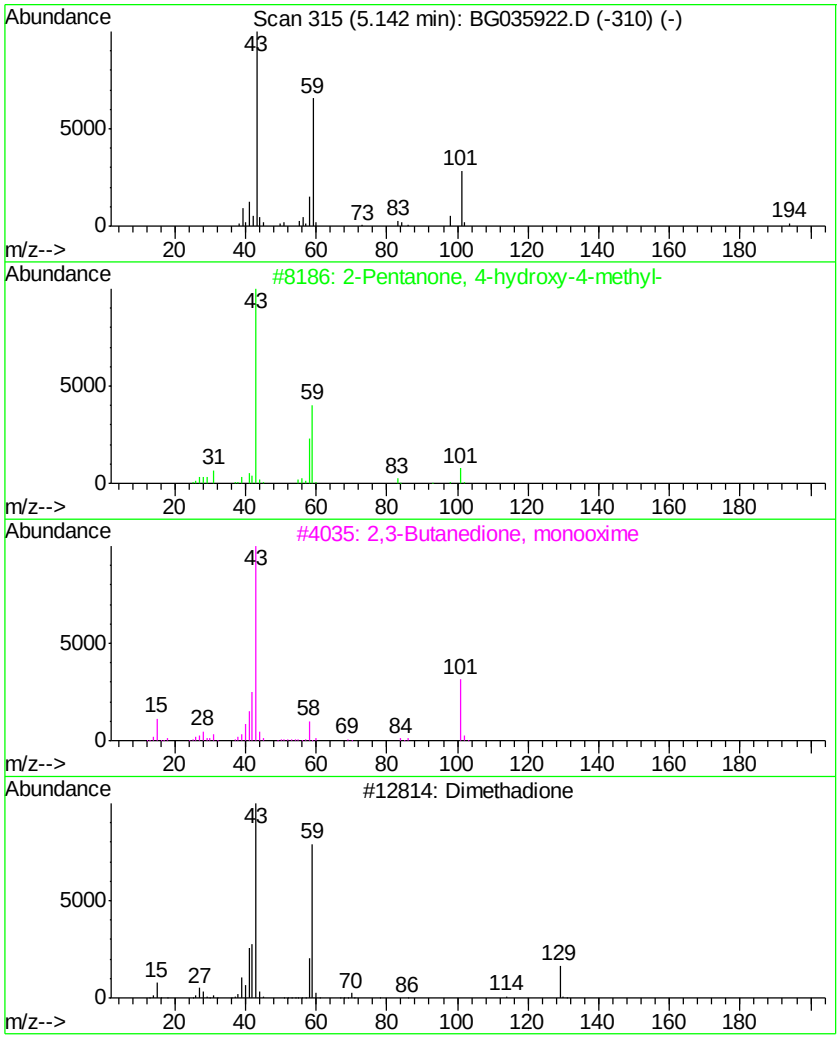
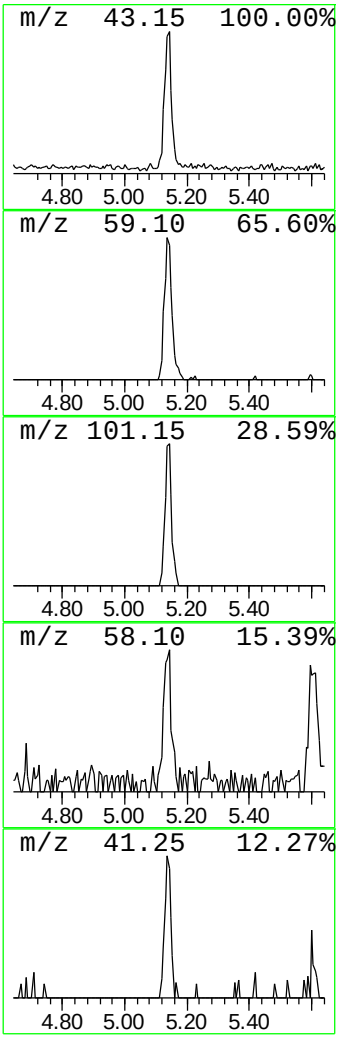
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	4.86 ng	57018	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





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Instrument : BNA_G
ClientSampleId : MW-16

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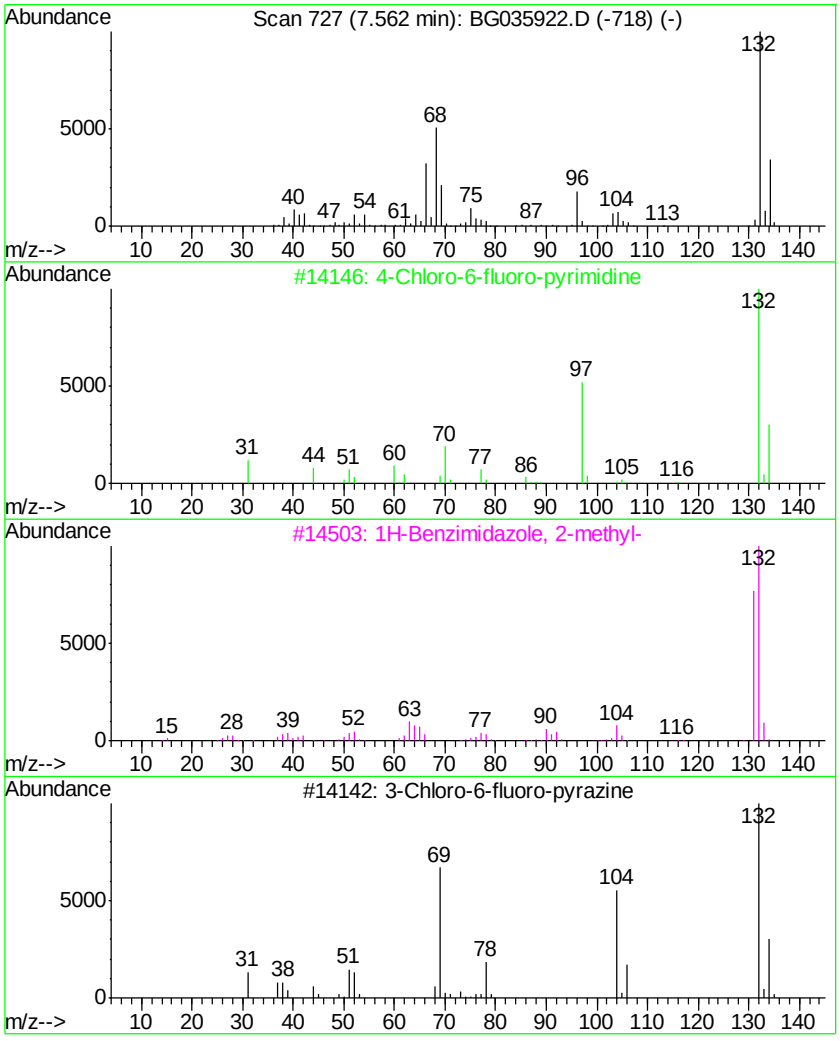
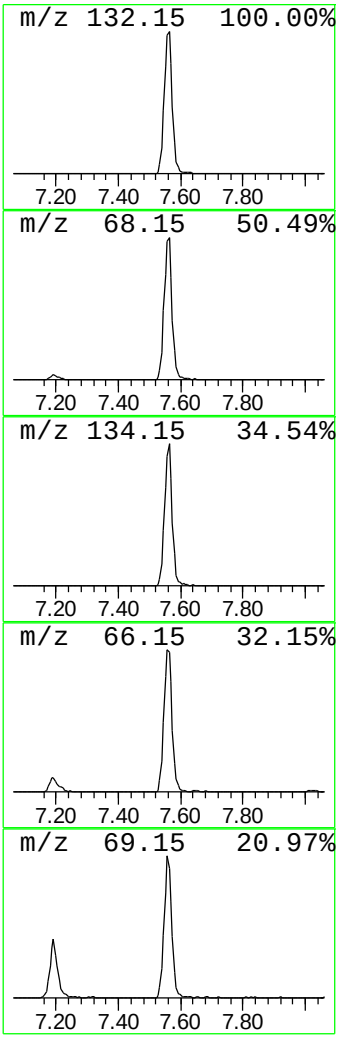
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	93.90 ng	1102600	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Misc :
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ClientSampleId : MW-16

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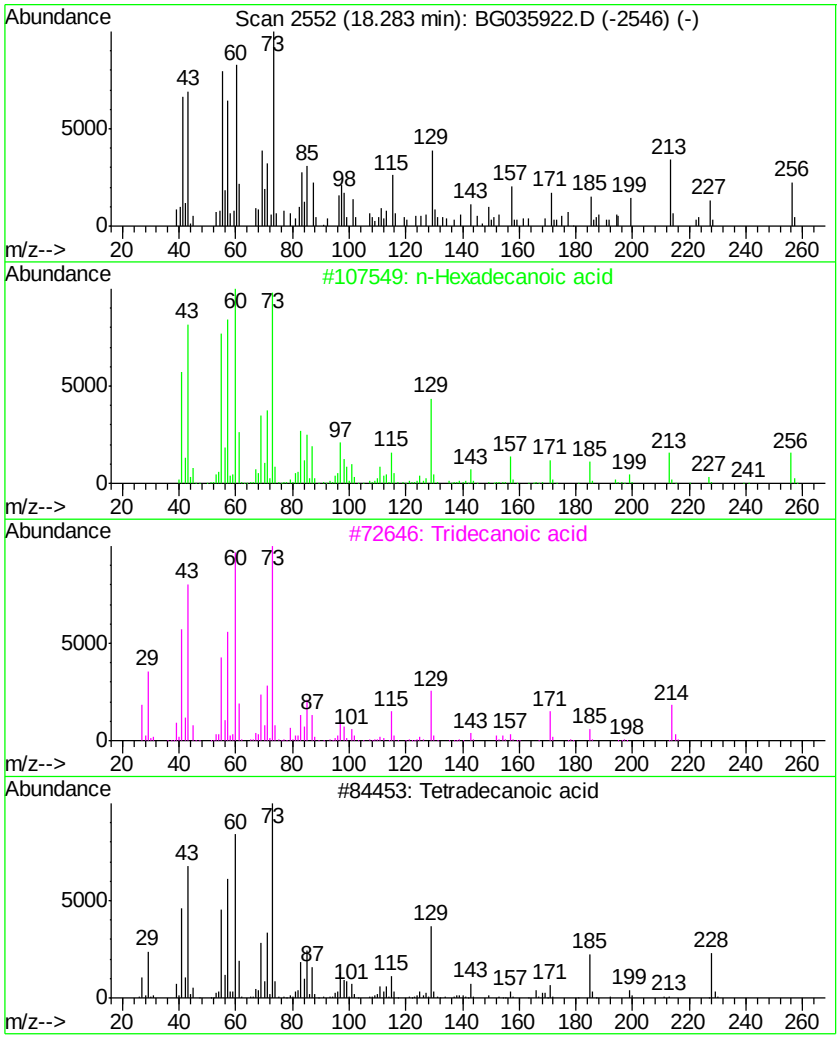
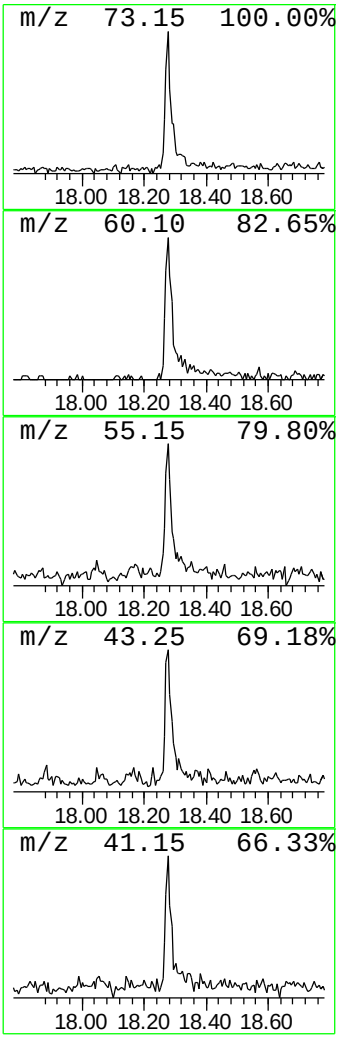
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.61 ng	128934	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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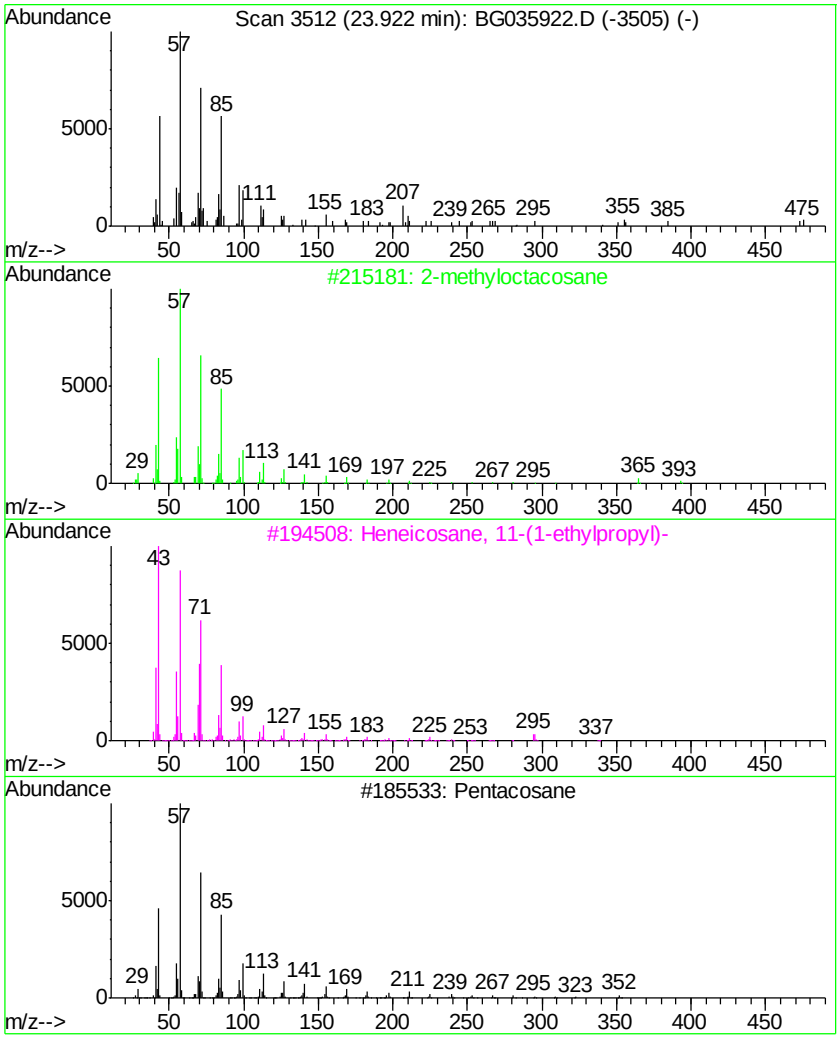
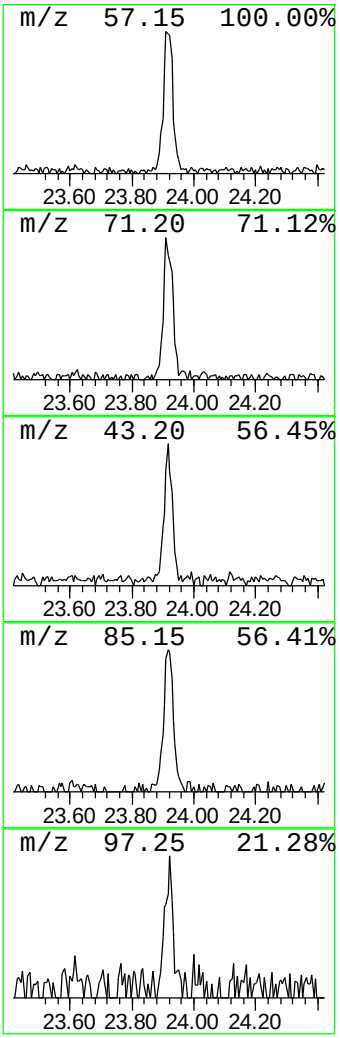
Peak Number 5 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.33 ng	108150	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86





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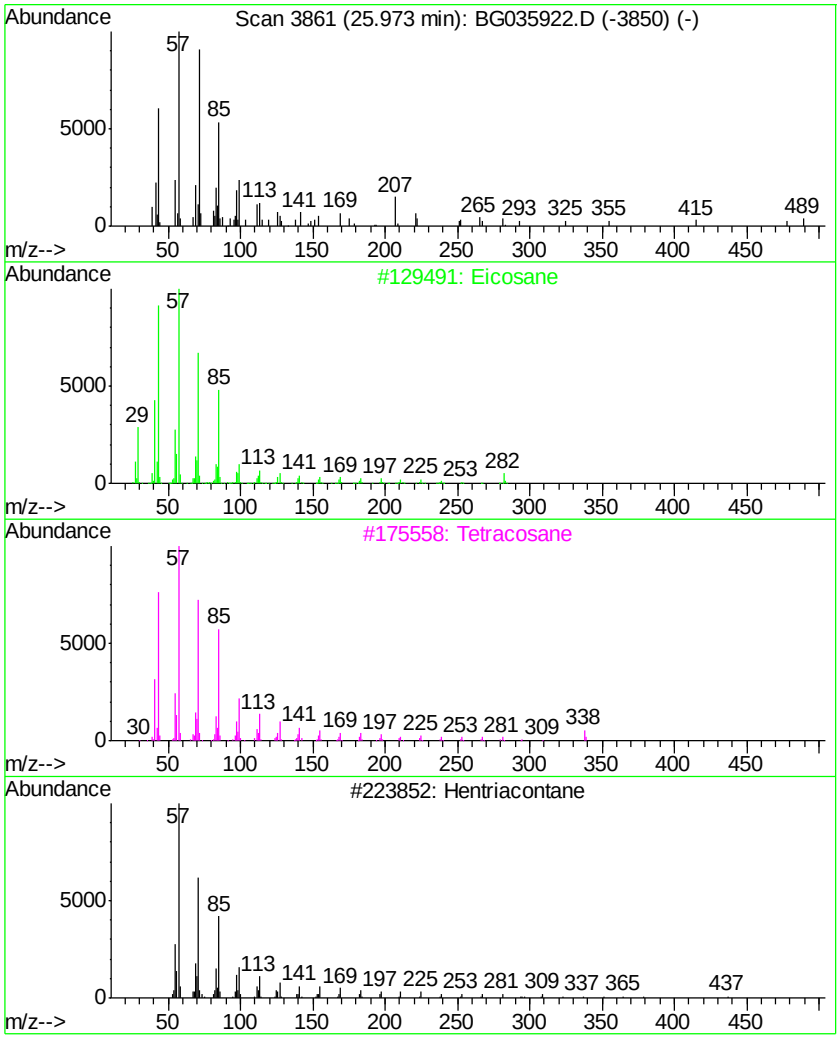
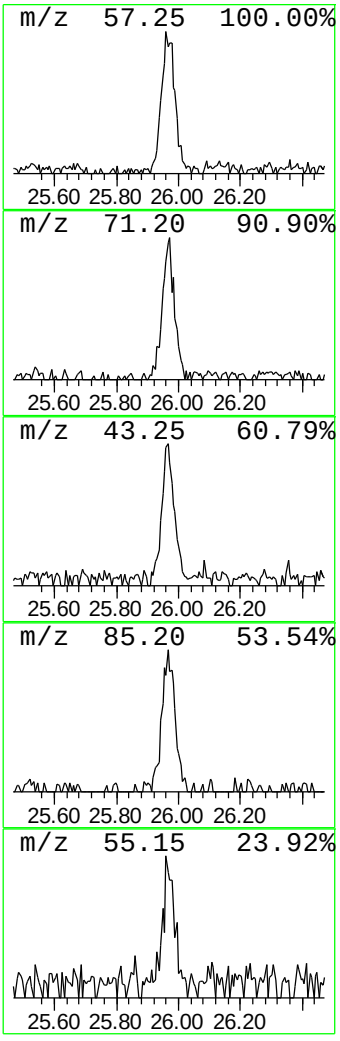
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	2.41 ng	112122	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Tetracosane	338	C24H50	000646-31-1	72
3	Hentriacontane	437	C31H64	000630-04-6	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tetratetracontane	619	C44H90	007098-22-8	68





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	4.9	ng	57018	1	8.03	234842	20.0
unknown7.56	7.56	93.9	ng	1102600	1	8.03	234842	20.0
n-Hexadecanoic acid	18.28	3.6	ng	128934	4	17.39	714699	20.0
2-methyloctacosane	23.92	2.3	ng	108150	6	24.85	930016	20.0
Eicosane	25.97	2.4	ng	112122	6	24.85	930016	20.0