LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029345.D
Acq On : 18 Oct 2017 23:50
Operator : SJ/JU
Sample : I5836-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-125-5(0-5)

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-BG101617.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	5.245	326	333	339	rBV	224219	341413	6.11%	1.202%
2	5.721	406	414	425	rVB	1182295	1901725	34.06%	6.695%
3	7.319	678	686	703	rBV	1161233	2183123	39.10%	7.686%
4	7.701	743	751	758	rBV	1169872	2022030	36.21%	7.119%
5	8.165	821	830	837	rBV	224952	385485	6.90%	1.357%
6	8.494	878	886	898	rVB	870682	1528930	27.38%	5.383%
7	9.334	1020	1029	1036	rBV	679551	1238509	22.18%	4.360%
8	10.985	1301	1310	1318	rBV	327616	581403	10.41%	2.047%
9	13.412	1716	1723	1732	rBV	2112968	3239523	58.02%	11.405%
10	14.228	1856	1862	1868	rBV	294009	428738	7.68%	1.509%
11	14.786	1950	1957	1966	rVB2	544033	872959	15.63%	3.073%
12	16.126	2178	2185	2192	rVB	56075	86999	1.56%	0.306%
13	16.267	2202	2209	2225	rBV	1964032	2961262	53.04%	10.426%
14	17.524	2416	2423	2429	rBV	795727	1220918	21.87%	4.298%
15	18.388	2564	2570	2581	rBV	104317	172894	3.10%	0.609%
16	19.651	2781	2785	2796	rBV4	34746	69595	1.25%	0.245%
17	20.110	2857	2863	2871	rVB	3974205	5583427	100.00%	19.658%
18	21.414	3081	3085	3096	rBV6	33534	66903	1.20%	0.236%
19	21.790	3142	3149	3157	rBV	910171	1511142	27.06%	5.320%
20	23.288	3397	3404	3419	rBV	209623	463092	8.29%	1.630%
21	25.098	3700	3712	3731	rBV2	518961	1543340	27.64%	5.434%

Sum of corrected areas: 28403410

LSC Report - Integrated Chromatogram

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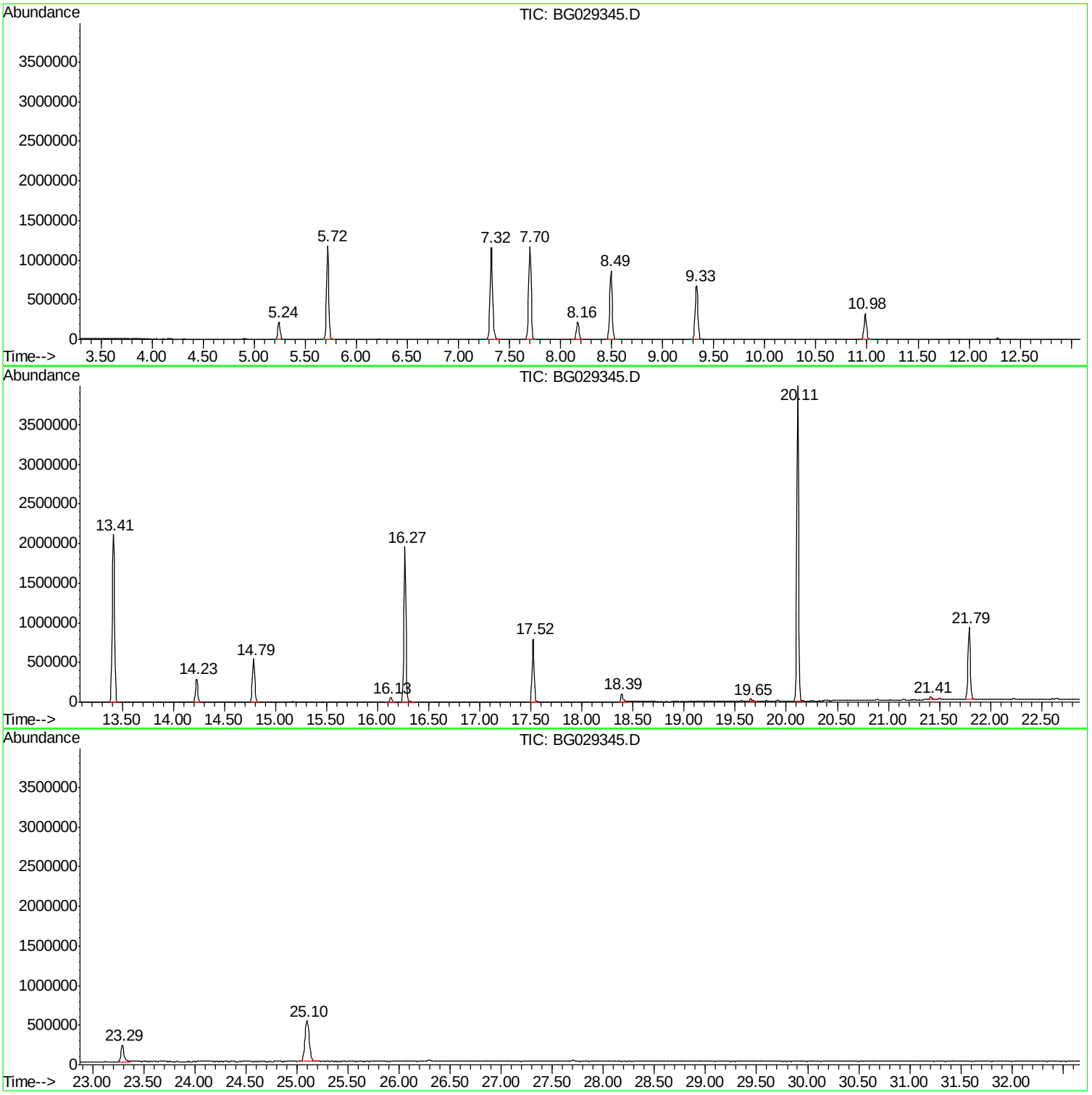
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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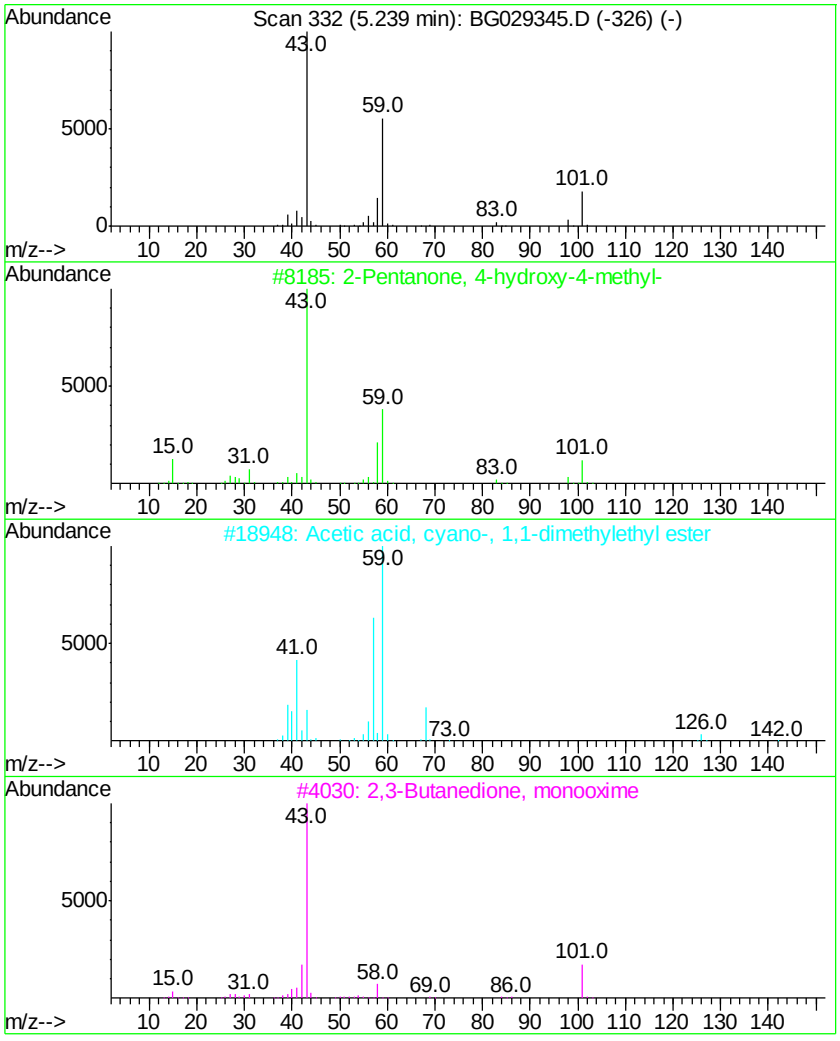
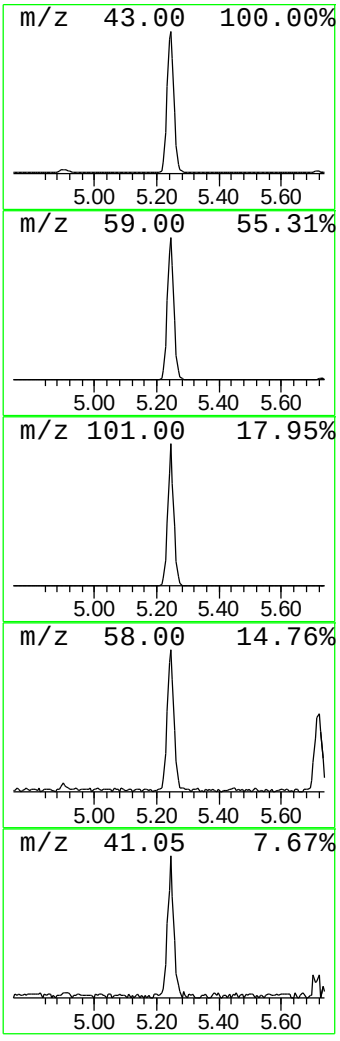
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	17.71 ng	341413	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9





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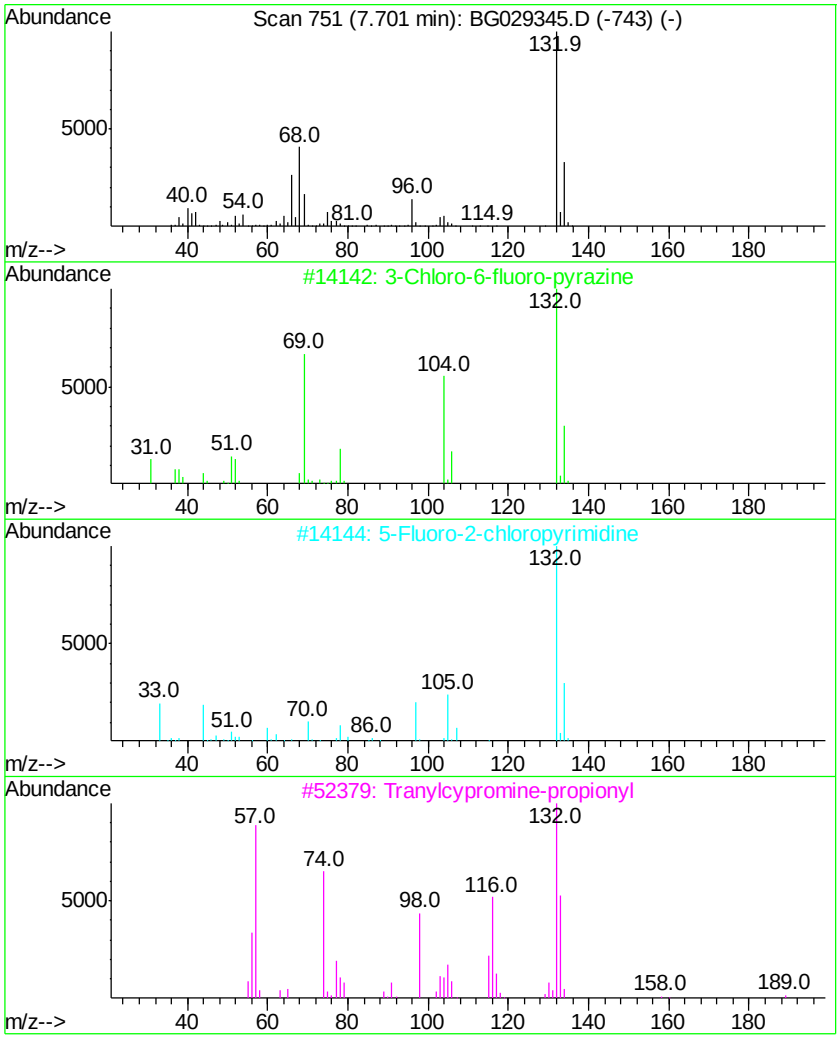
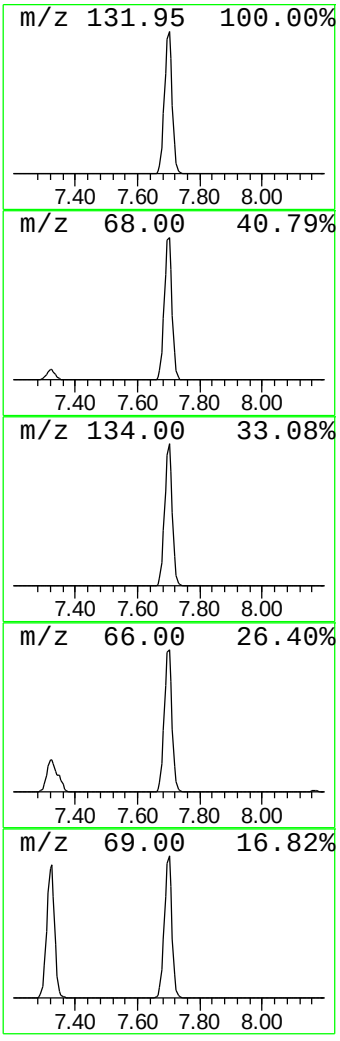
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	104.91 ng	2022030	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_G
ClientSampleId : ENV-125-5(0-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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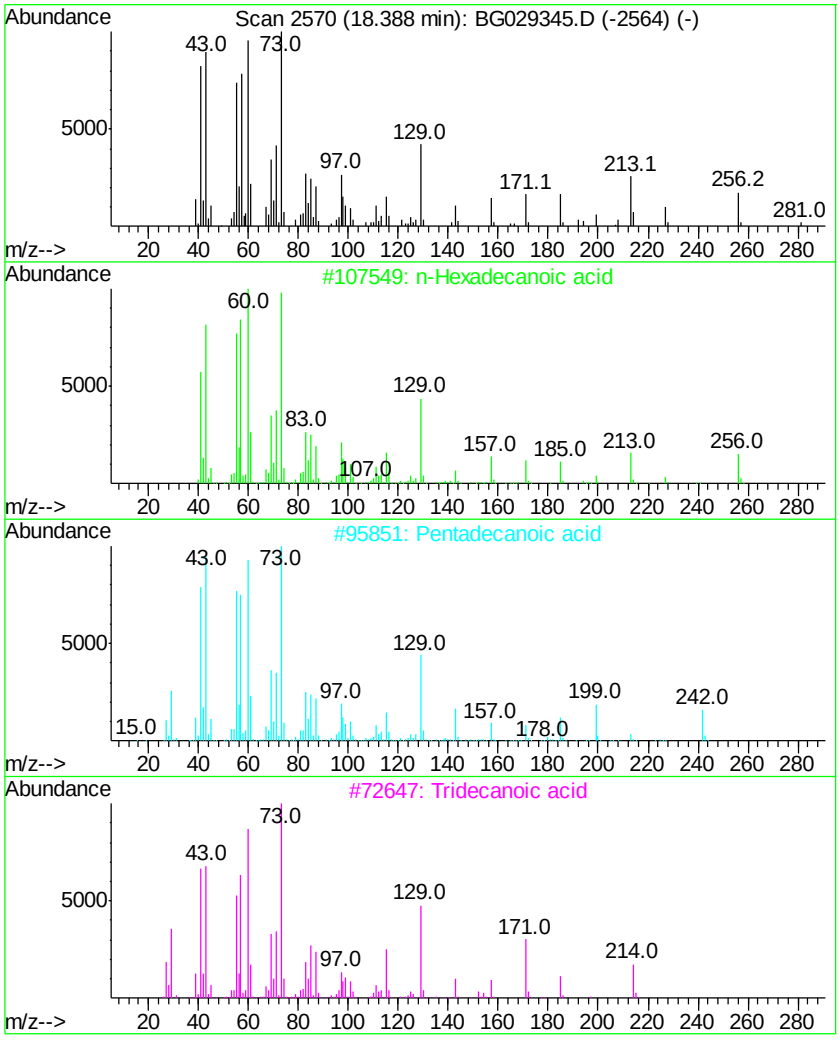
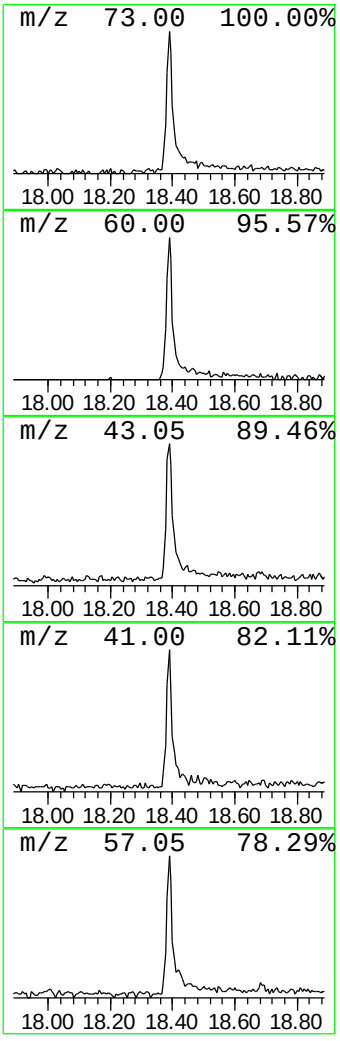
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.83 ng	172894	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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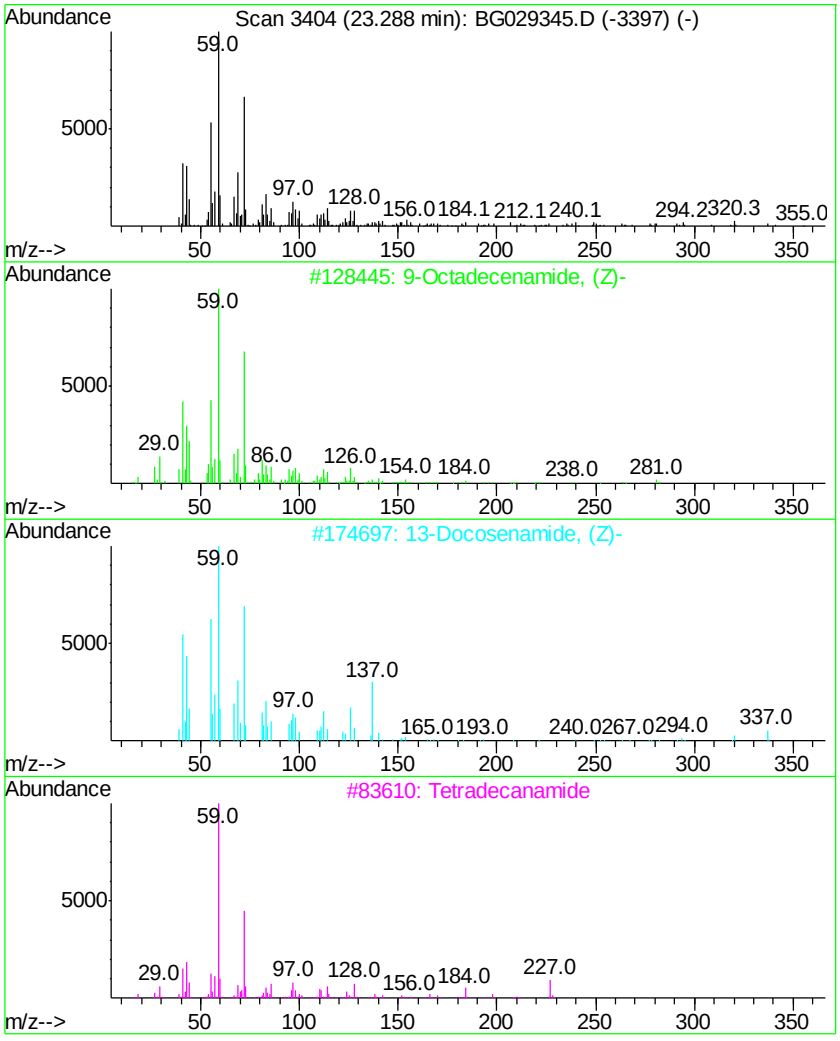
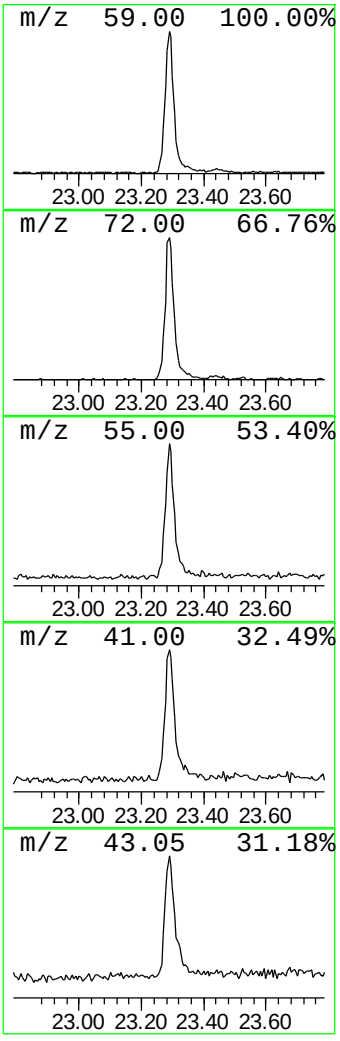
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	6.13 ng	463092	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
3	Tetradecanamide	227	C14H29NO	000638-58-4	83
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	Nonanamide	157	C9H19NO	001120-07-6	53





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	17.7	ng	341413	1	8.16	385485	20.0
unknown7.70	7.70	104.9	ng	2022030	1	8.16	385485	20.0
n-Hexadecanoic acid	18.39	2.8	ng	172894	4	17.52	1220920	20.0
9-Octadecenamide,...	23.29	6.1	ng	463092	5	21.79	1511140	20.0