LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029346.D
Acq On : 19 Oct 2017 00:30
Operator : SJ/JU
Sample : I5836-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-125-5(5-10)

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:\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	5.241	326	332	340	rVB	194985	292009	5.87%	1.192%
2	5.717	406	413	424	rVB	1017771	1608586	32.32%	6.568%
3	7.321	677	686	699	rBV	1037842	1849649	37.17%	7.552%
4	7.697	742	750	760	rBV	997252	1716596	34.49%	7.009%
5	8.167	823	830	836	rBV	201555	345430	6.94%	1.410%
6	8.491	878	885	893	rBV	748569	1305806	26.24%	5.331%
7	9.331	1019	1028	1038	rBV	574046	1043014	20.96%	4.258%
8	10.982	1301	1309	1318	rBV	283415	516190	10.37%	2.108%
9	13.408	1715	1722	1731	rBV	1705517	2747896	55.22%	11.219%
10	14.225	1855	1861	1867	rBV	241358	341498	6.86%	1.394%
11	14.783	1946	1956	1964	rBV3	485325	776186	15.60%	3.169%
12	16.129	2177	2185	2193	rBV	47620	69806	1.40%	0.285%
13	16.264	2201	2208	2219	rBV	1660707	2525407	50.75%	10.311%
14	17.521	2416	2422	2430	rBV2	742384	1105787	22.22%	4.515%
15	18.391	2564	2570	2581	rBV2	84464	148109	2.98%	0.605%
16	20.112	2857	2863	2873	rBV	3867103	4976497	100.00%	20.318%
17	21.411	3080	3084	3095	rBV4	53980	107223	2.15%	0.438%
18	21.793	3141	3149	3157	rBV	833521	1403194	28.20%	5.729%
19	23.291	3397	3404	3413	rBV	93297	211133	4.24%	0.862%
20	25.095	3700	3711	3723	rBV2	469141	1402670	28.19%	5.727%

Sum of corrected areas: 24492686

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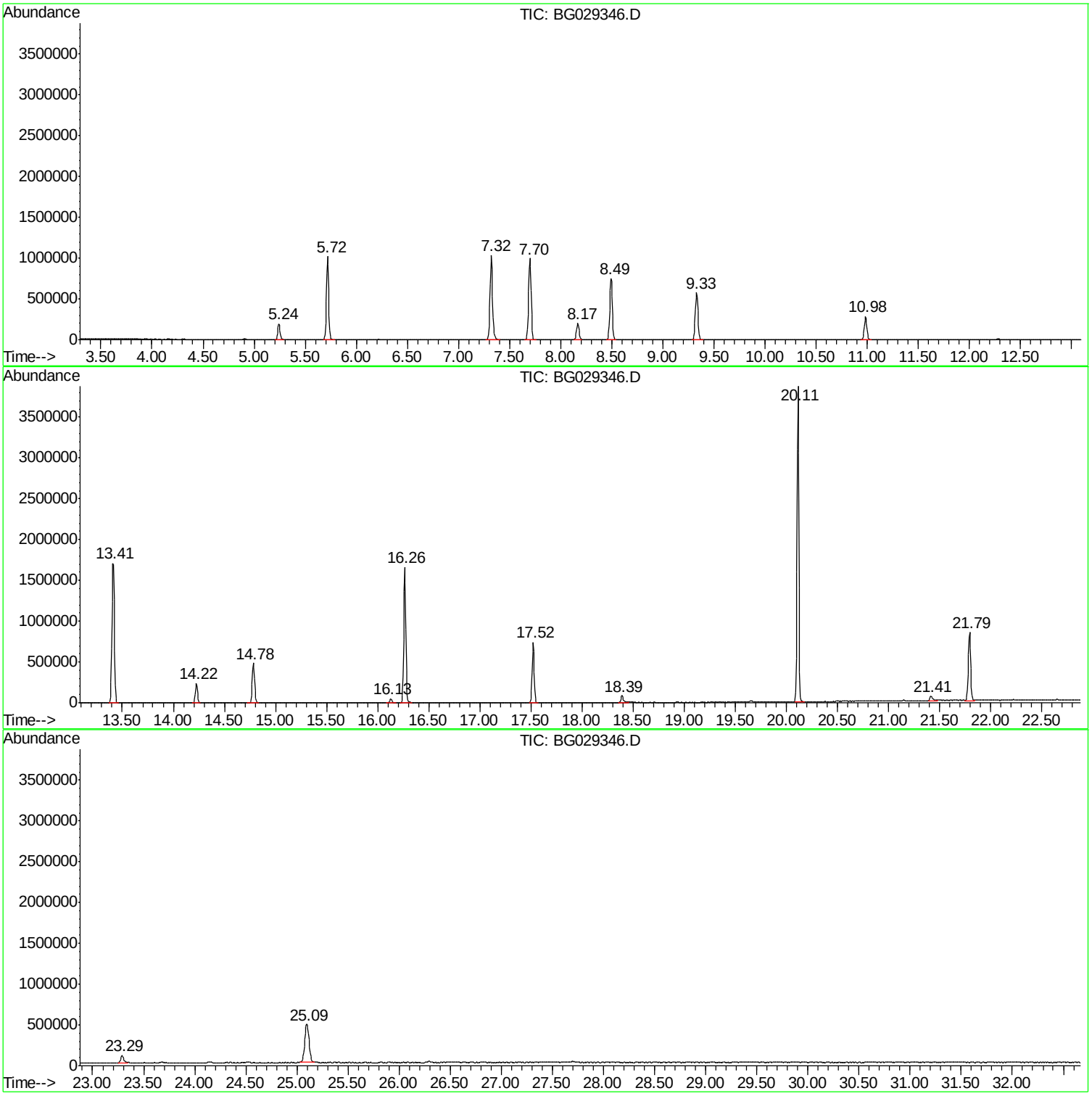
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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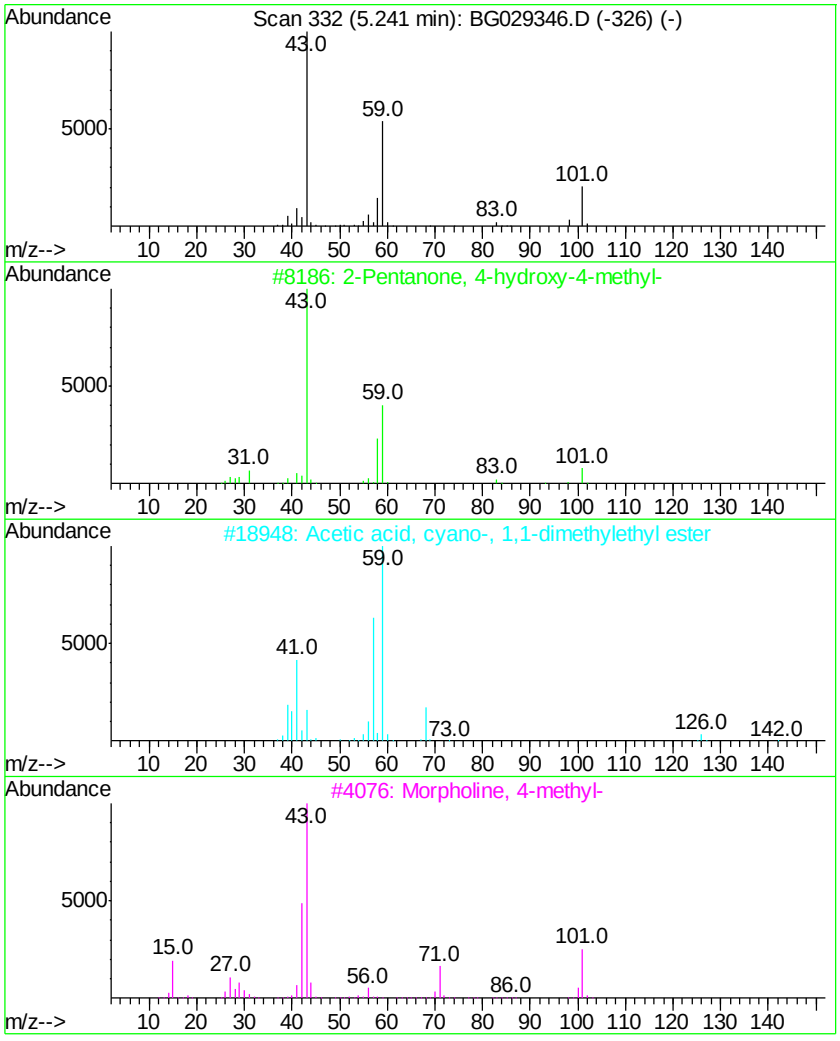
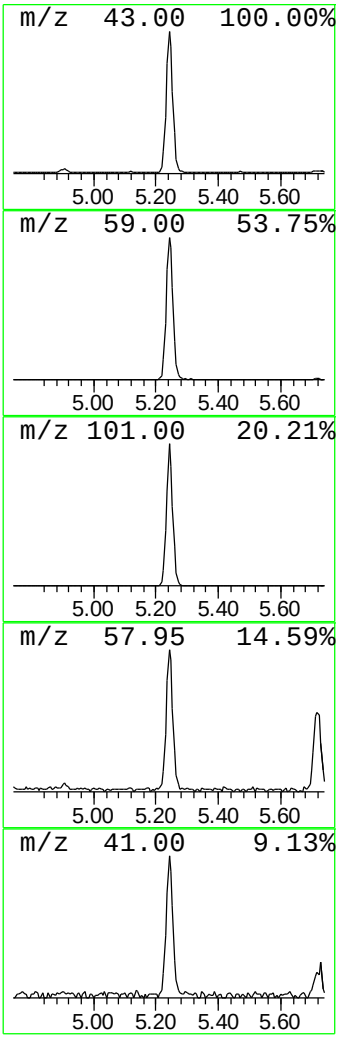
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	16.91 ng	292009	1,4-Dichlorobenzene-d4	8.17

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	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





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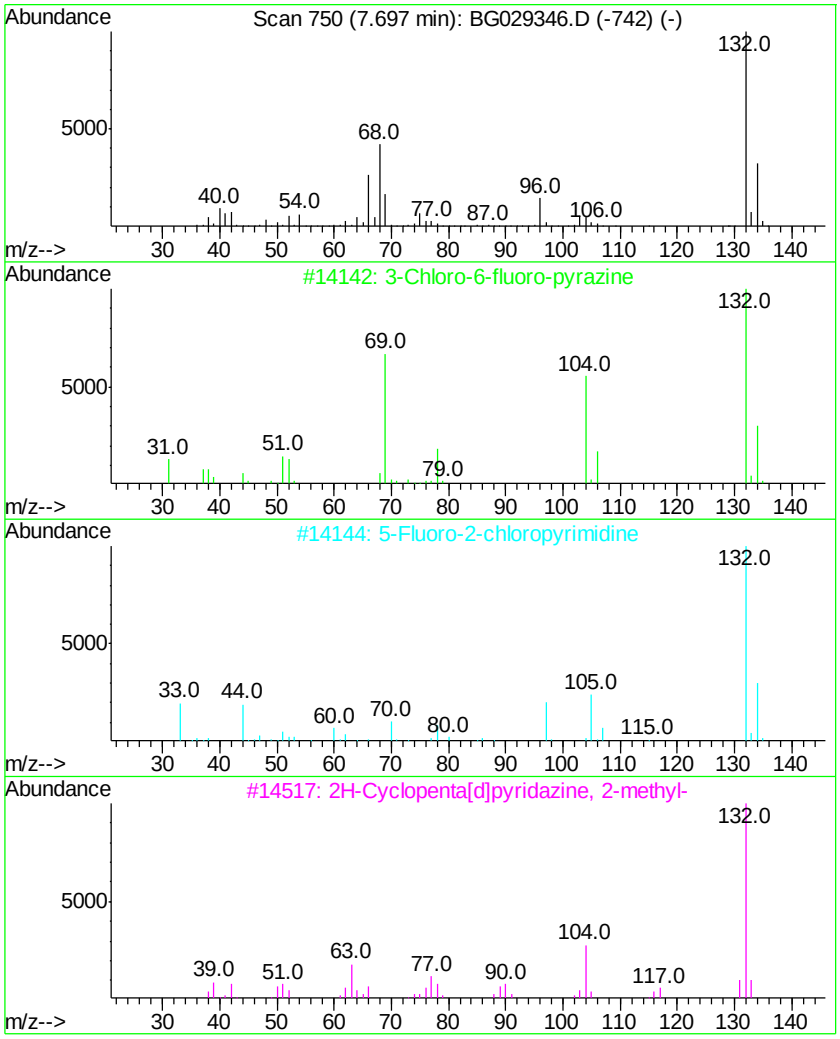
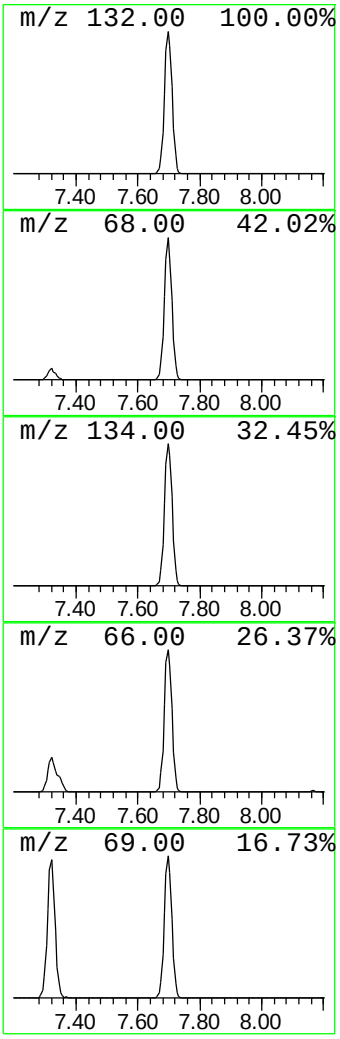
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	99.39 ng	1716600	1,4-Dichlorobenzene-d4	8.17

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	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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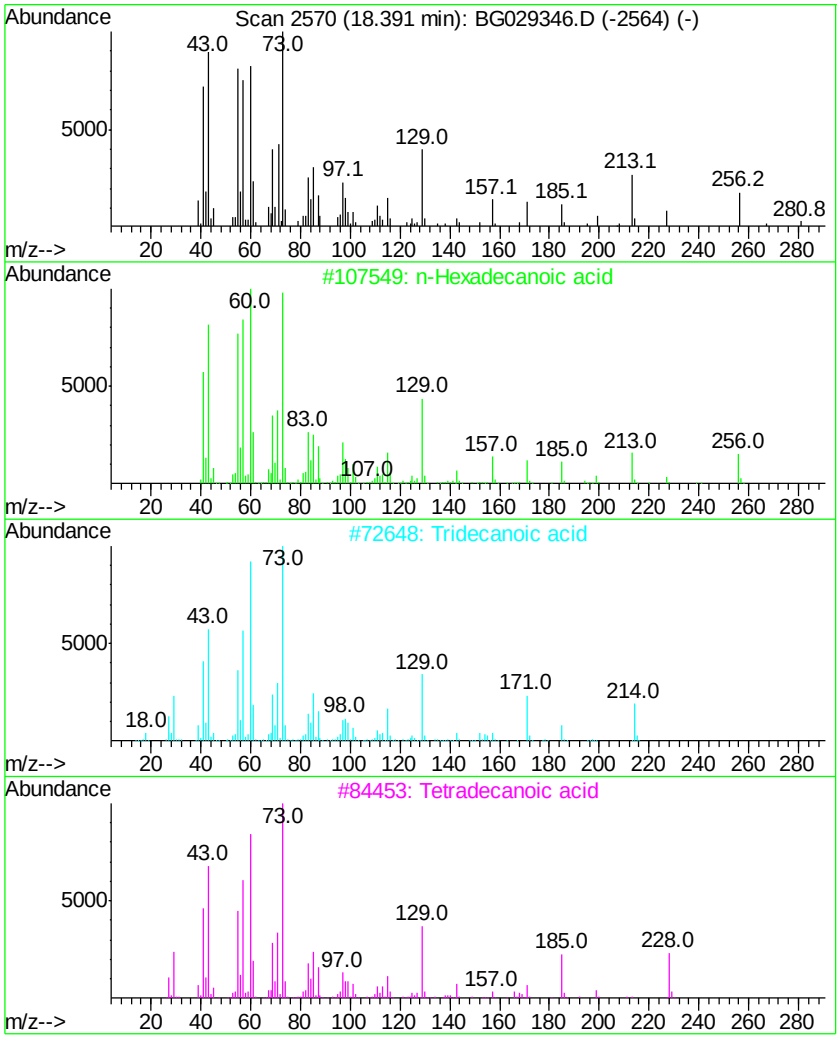
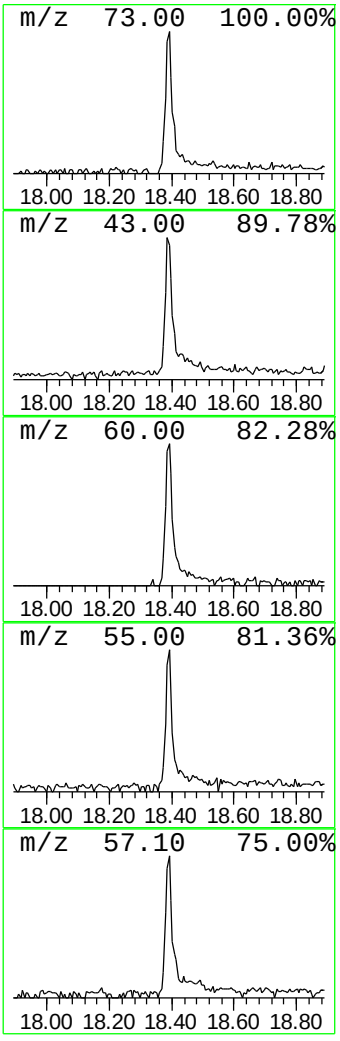
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.68 ng	148109	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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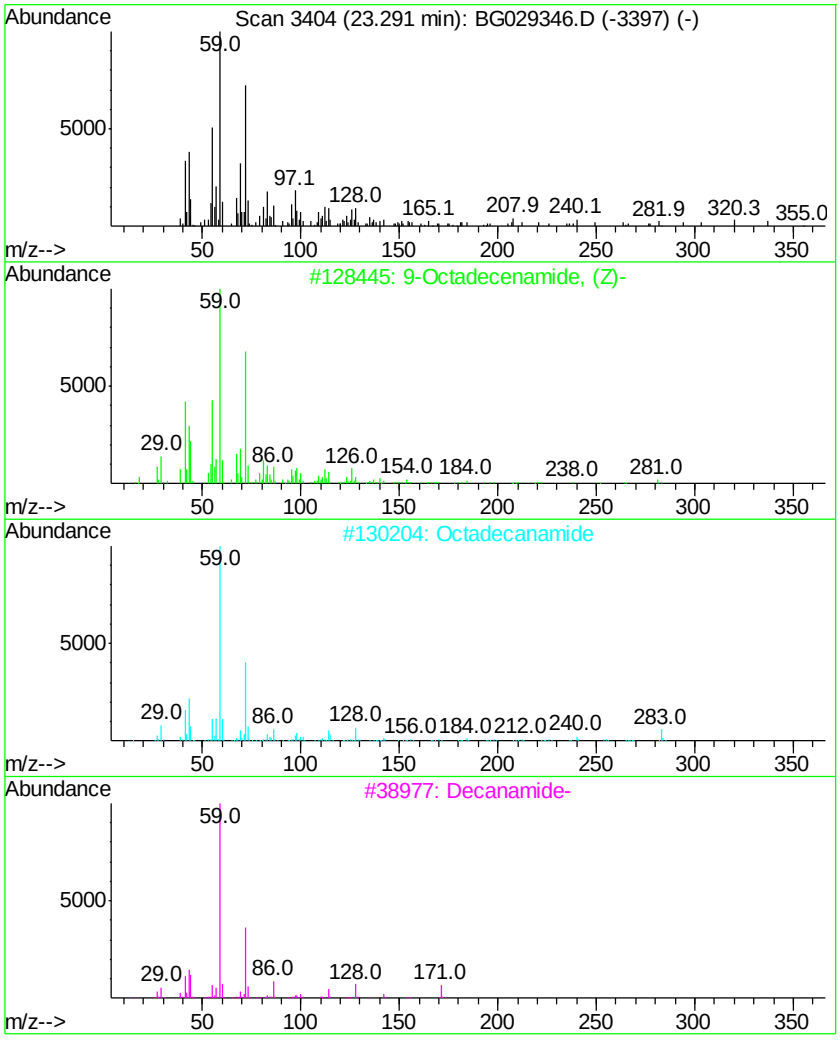
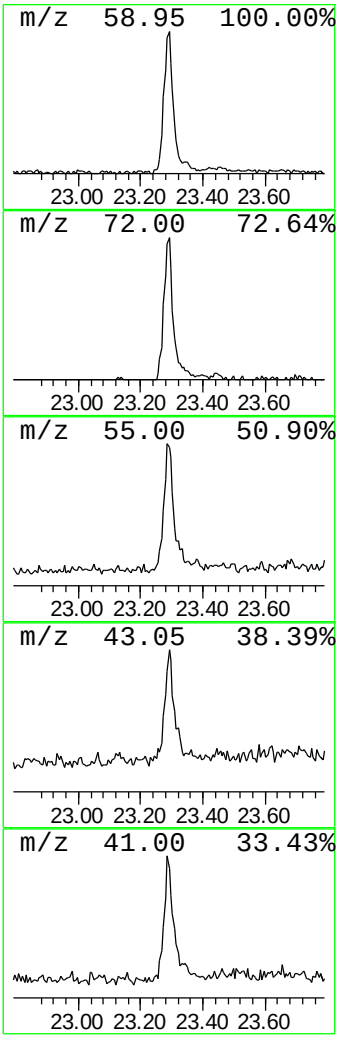
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.01 ng	211133	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Octadecanamide	283	C18H37NO	000124-26-5	72
3	Decanamide-	171	C10H21NO	002319-29-1	53
4	Tetradecanamide	227	C14H29NO	000638-58-4	53
5	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	35





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	16.9	ng	292009	1	8.17	345430	20.0
unknown7.70	7.70	99.4	ng	1716600	1	8.17	345430	20.0
n-Hexadecanoic acid	18.39	2.7	ng	148109	4	17.52	1105790	20.0
9-Octadecenamide,...	23.29	3.0	ng	211133	5	21.79	1403190	20.0