LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031421.D
Acq On : 8 Dec 2017 13:34
Operator : SJ/JU
Sample : I6717-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-3(10-20)

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-BG111017.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	5.199	321	325	335	rVB	54504	89747	1.62%	0.357%
2	5.681	400	407	425	rBV	805908	1437954	25.93%	5.718%
3	7.291	674	681	699	rBV	904437	1700644	30.67%	6.763%
4	7.661	736	744	754	rBV	879310	1610616	29.05%	6.405%
5	8.125	815	823	832	rBV	151821	259762	4.68%	1.033%
6	8.449	870	878	889	rBV	676395	1225470	22.10%	4.873%
7	9.295	1012	1022	1034	rBV	510569	1013118	18.27%	4.029%
8	10.940	1294	1302	1320	rBV	186468	405965	7.32%	1.614%
9	13.372	1708	1716	1738	rBV	1803326	2946535	53.14%	11.717%
10	14.195	1849	1856	1865	rBV	190843	345233	6.23%	1.373%
11	14.747	1944	1950	1961	rVB2	427080	718156	12.95%	2.856%
12	16.234	2197	2203	2223	rBV	1763881	2810743	50.69%	11.177%
13	16.427	2231	2236	2239	rBV	44454	60400	1.09%	0.240%
14	17.491	2409	2417	2432	rBV2	695363	1140498	20.57%	4.535%
15	19.753	2798	2802	2811	rBV5	49151	96557	1.74%	0.384%
16	20.082	2852	2858	2865	rVB	4087354	5544985	100.00%	22.051%
17	20.294	2891	2894	2900	rVB	41763	63038	1.14%	0.251%
18	20.746	2966	2971	2977	rBV	247614	427727	7.71%	1.701%
19	20.816	2977	2983	2987	rVV2	175061	336494	6.07%	1.338%
20	21.762	3138	3144	3157	rVB2	750995	1339206	24.15%	5.326%
21	23.225	3386	3393	3404	rBV3	98986	241011	4.35%	0.958%
22	25.059	3692	3705	3718	rBV2	420112	1332688	24.03%	5.300%

Sum of corrected areas: 25146547

LSC Report - Integrated Chromatogram

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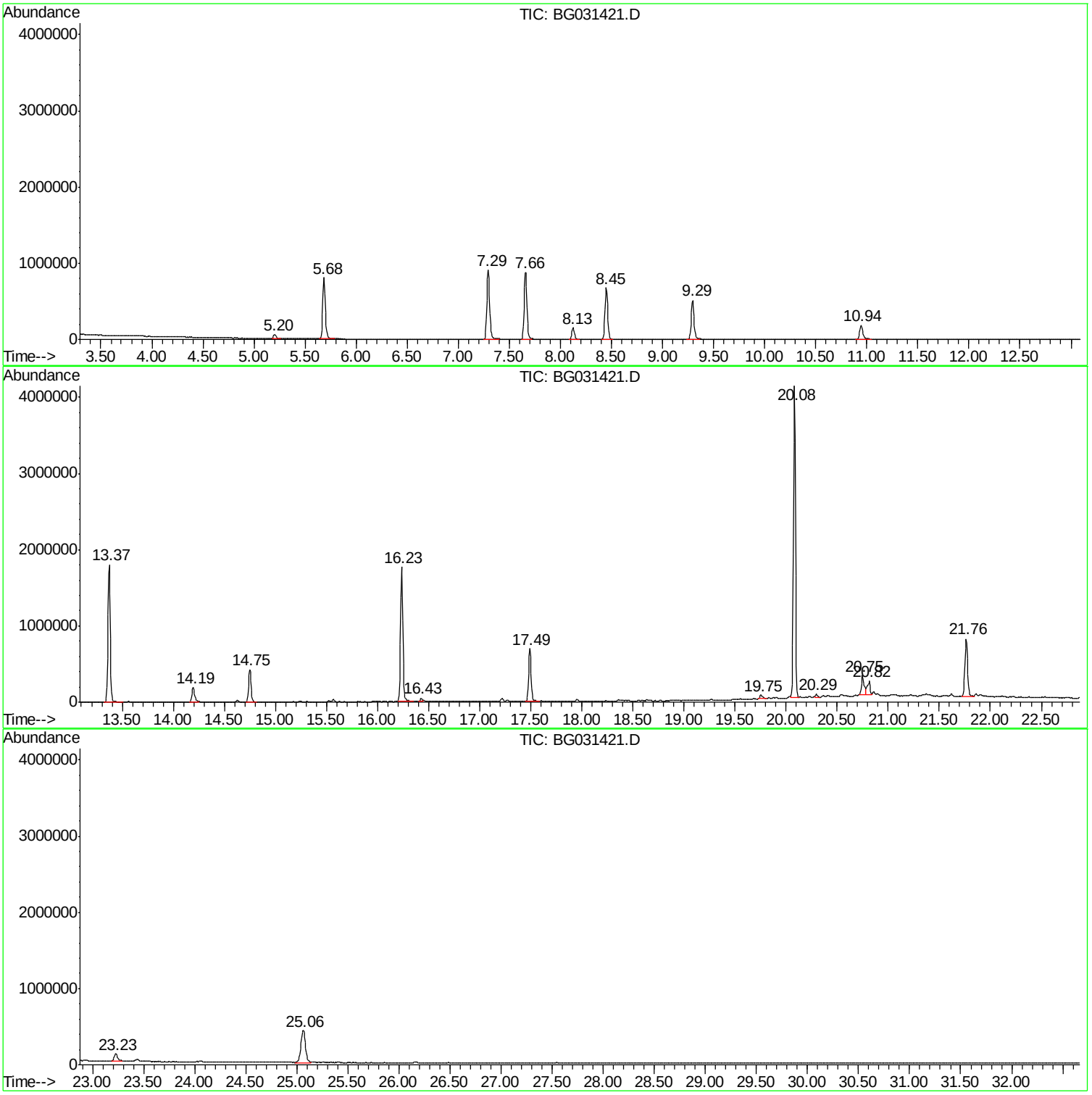
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-3(10-20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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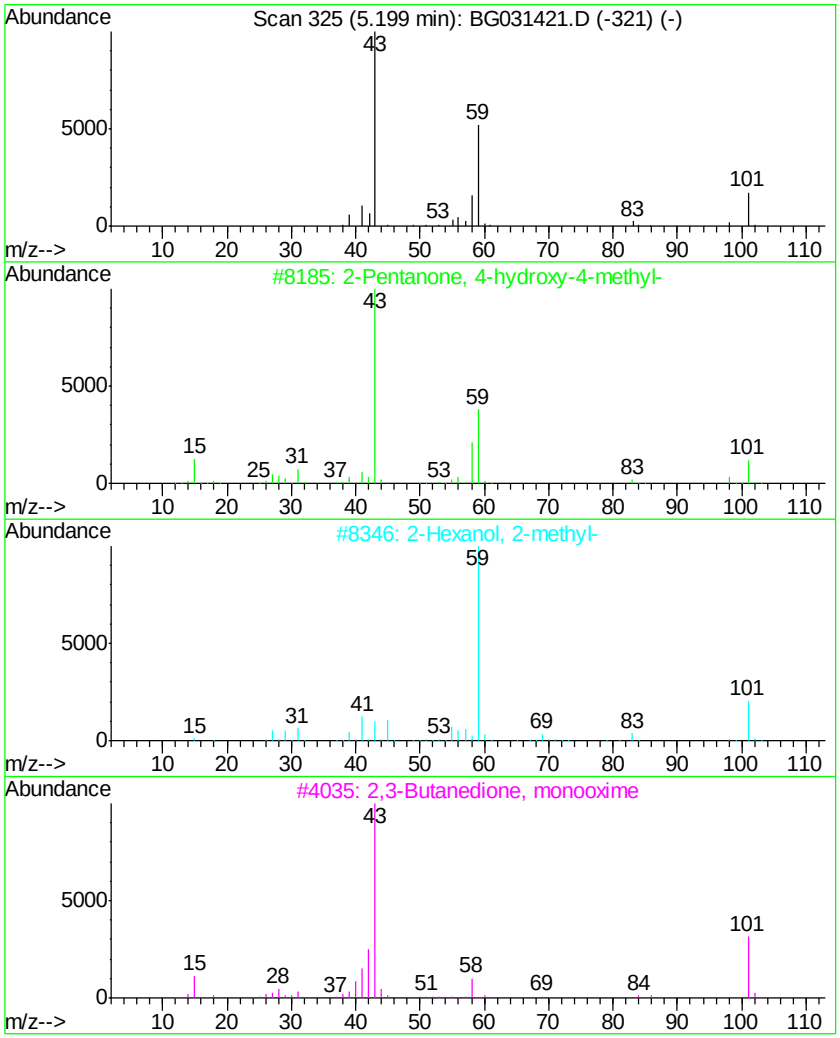
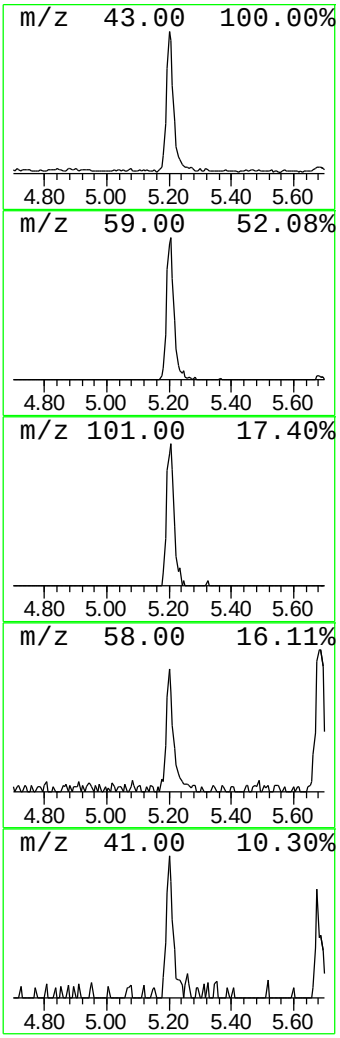
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.91 ng	89747	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





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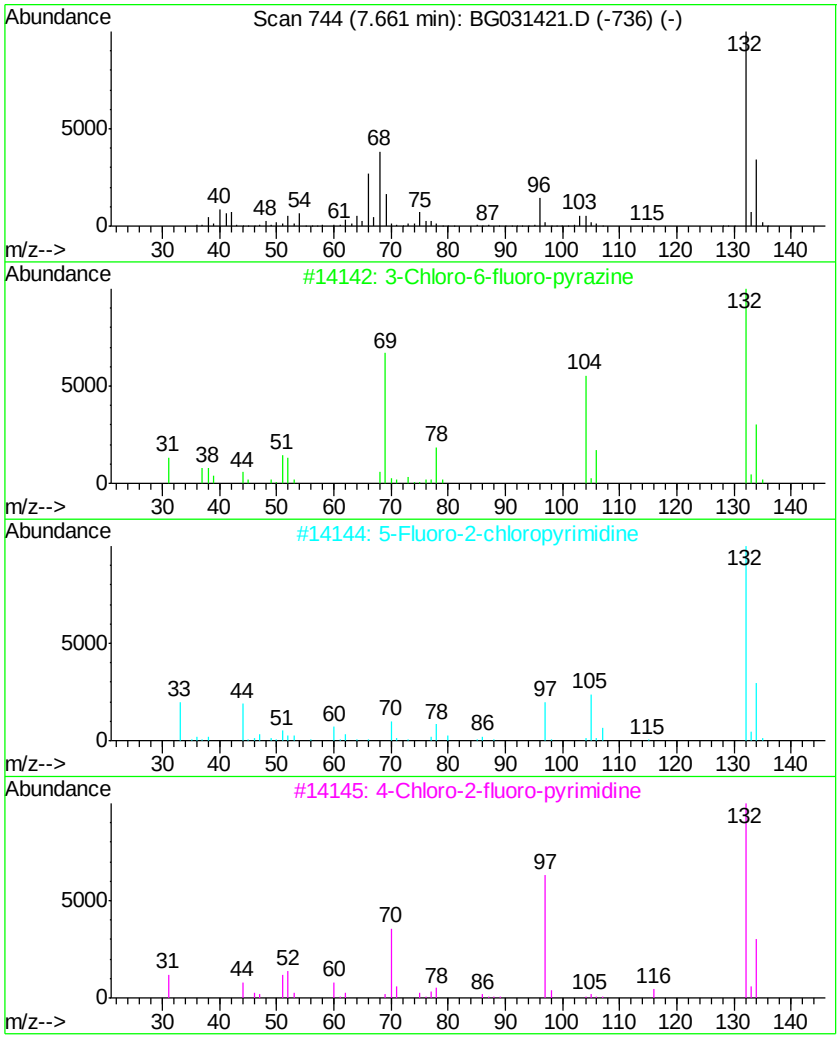
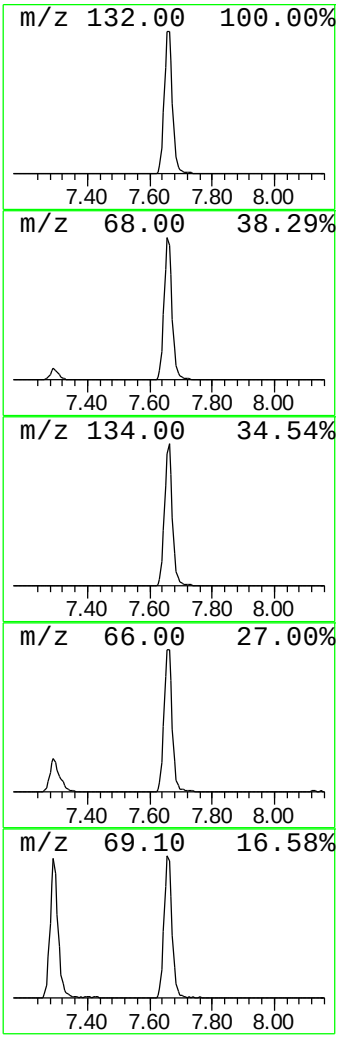
Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	124.01 ng	1610620	1,4-Dichlorobenzene-d4	8.13

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Misc :
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Instrument : BNA_G
ClientSampleId : PB-3(10-20)

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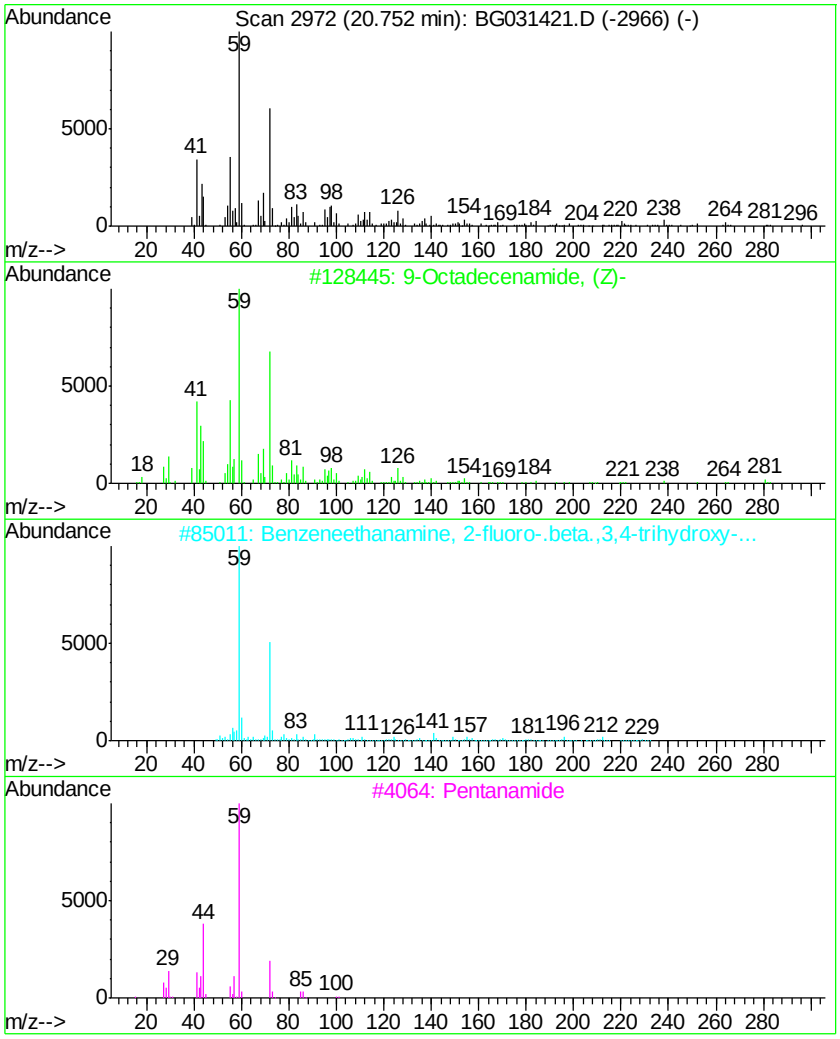
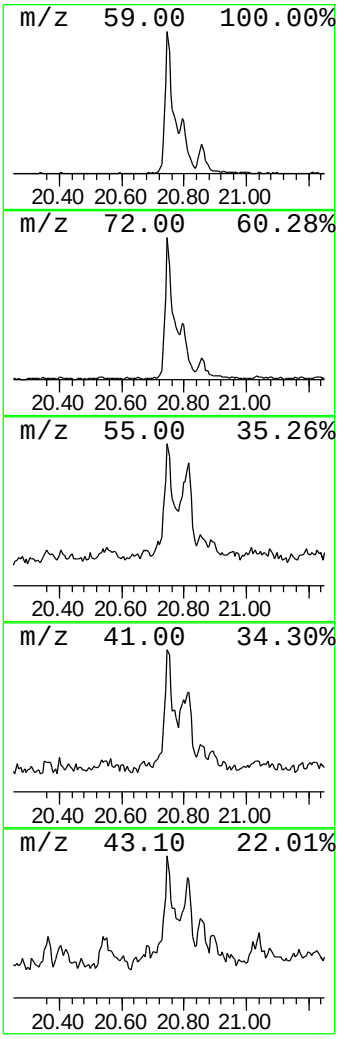
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	6.39 ng	427727	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	86
3	Pentanamide	101	C5H11NO	000626-97-1	72
4	Dodecanamide	199	C12H25NO	001120-16-7	64
5	Octanamide	143	C8H17NO	000629-01-6	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB-3(10-20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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TIC Integration Parameters: LSCINT.P

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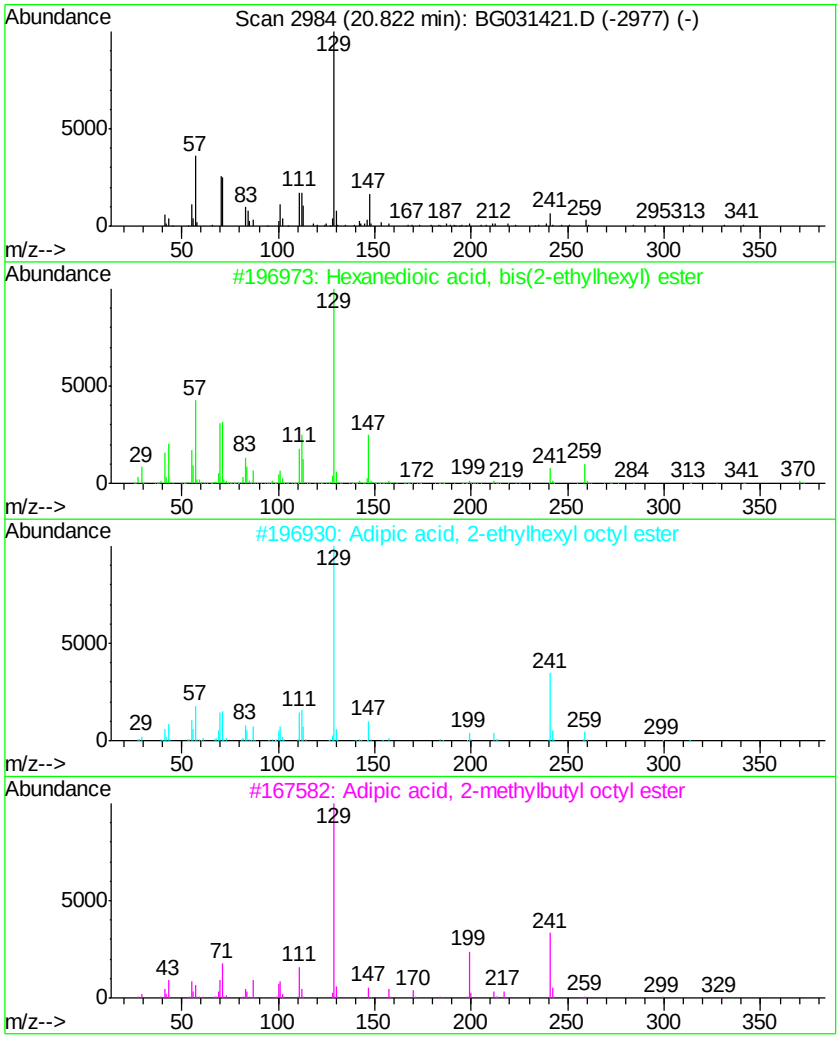
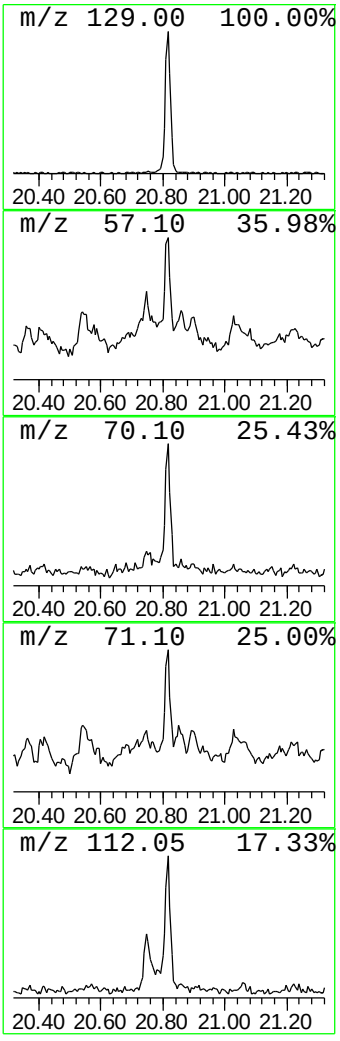
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	5.03 ng	336494	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Adipic acid, 2-methylbutyl octyl...	328	C19H36O4	1000324-67-7	59
4	Adipic acid, 2-methylpent-3-yl p...	300	C17H32O4	1000353-55-9	47
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	43





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Instrument : BNA_G
ClientSampleId : PB-3(10-20)

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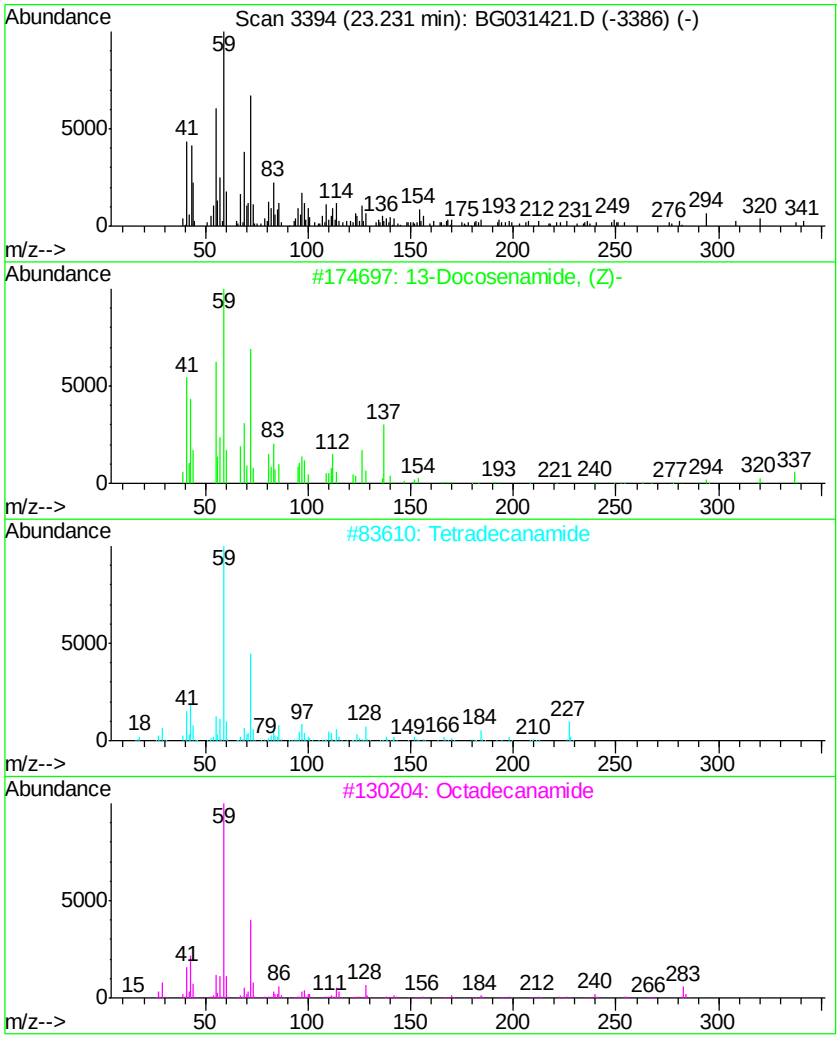
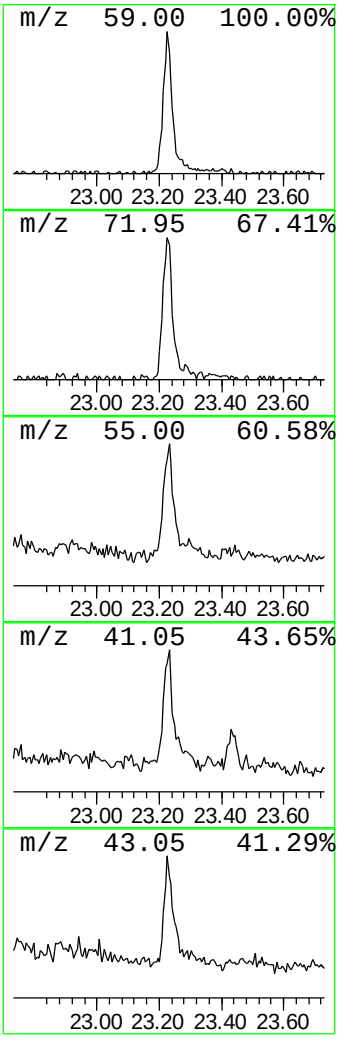
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.60 ng	241011	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2	Tetradecanamide	227	C14H29NO	000638-58-4	80
3	Octadecanamide	283	C18H37NO	000124-26-5	72
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5	Decanamide-	171	C10H21NO	002319-29-1	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	6.9	ng	89747	1	8.13	259762	20.0
unknown7.66	7.66	124.0	ng	1610620	1	8.13	259762	20.0
9-Octadecenamide,...	20.75	6.4	ng	427727	5	21.76	1339210	20.0
Hexanedioic acid,...	20.82	5.0	ng	336494	5	21.76	1339210	20.0
13-Docosenamide, ...	23.23	3.6	ng	241011	5	21.76	1339210	20.0