Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047372.D
Acq On : 20 Nov 2020 4:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 20 09:29:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02033

Manual Integrations APPROVED
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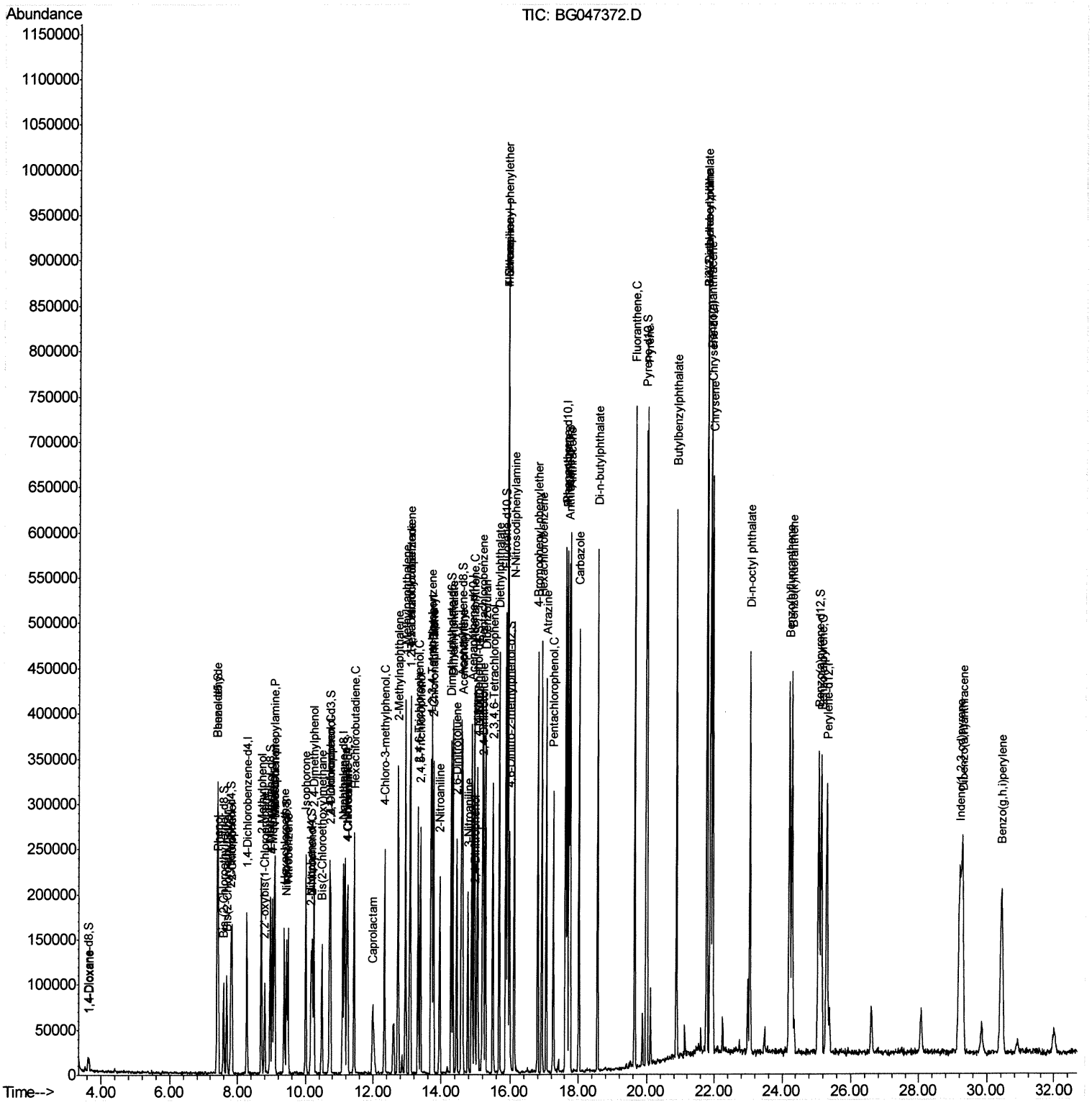

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047372.D
Acq On : 20 Nov 2020 4:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 20 09:26:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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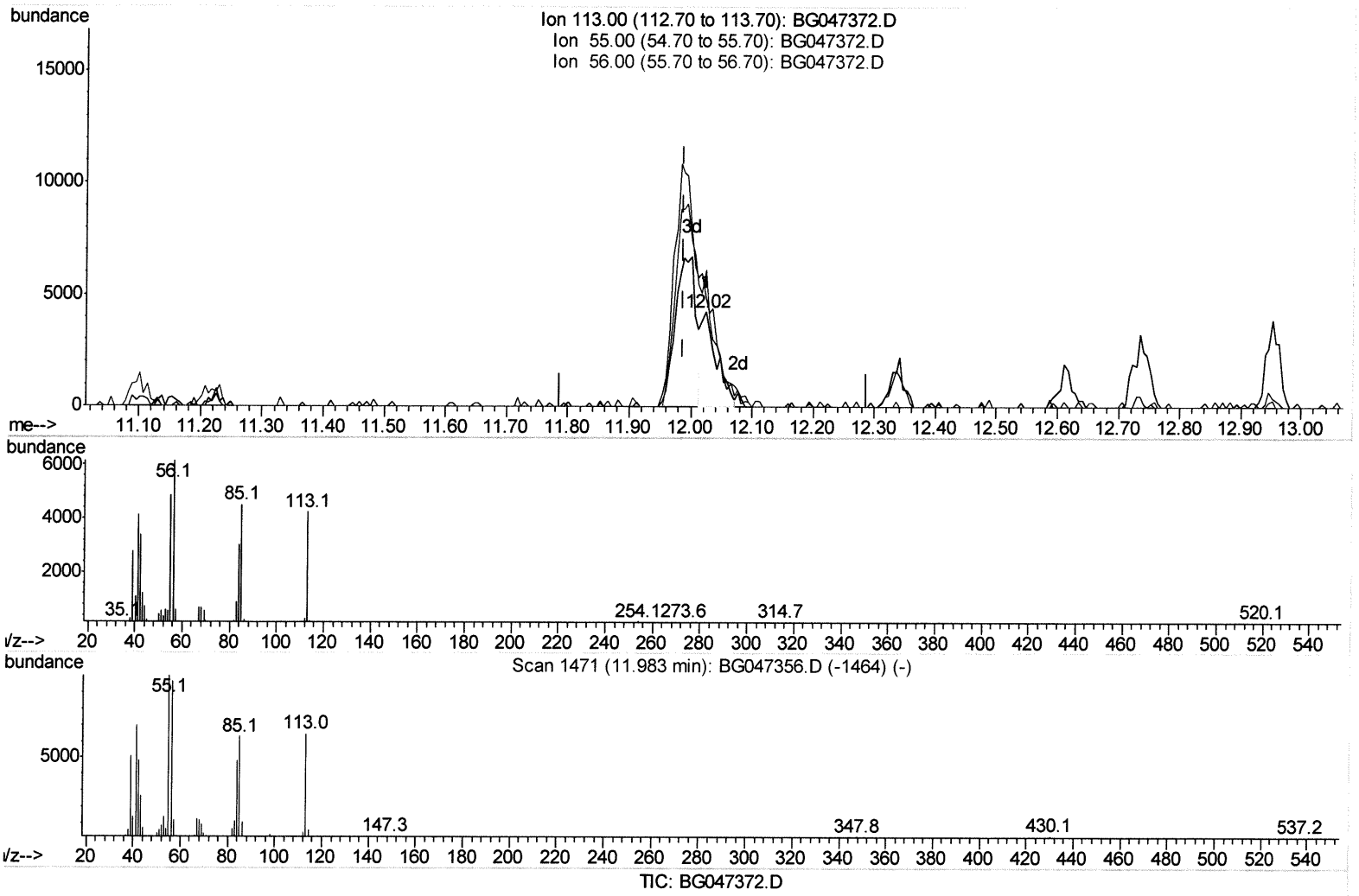

TIC: BG047372.D

(32) Caprolactam

12.024min (+0.037) 6.36ng/ul

response 7524

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	114.43
56.00	138.20	144.70
0.00	0.00	0.00

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Manual Integrations APPROVED
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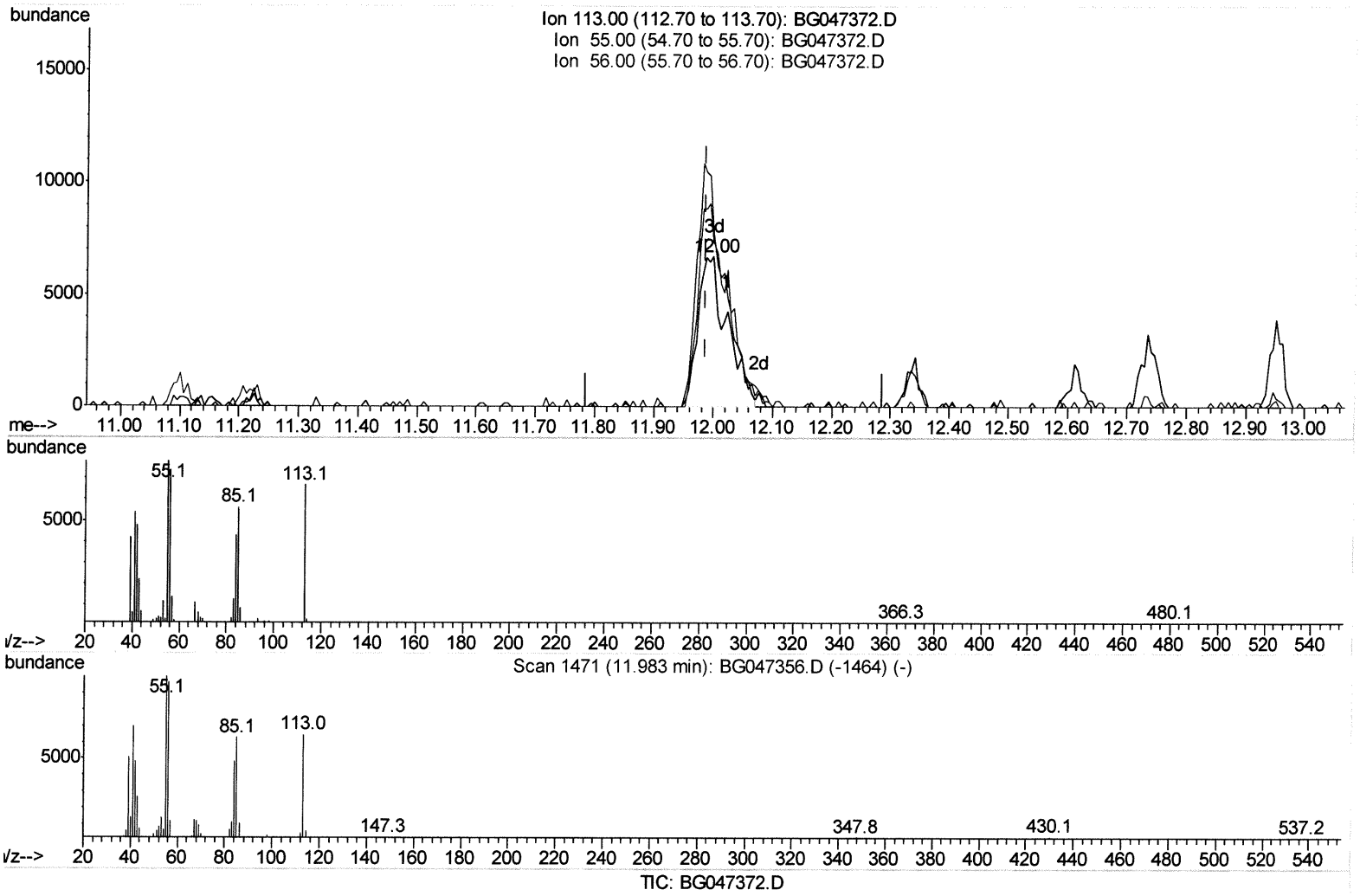

(32) Caprolactam

12.000min (+0.013) 19.55ng/ul m JH 11/24/20

response 23142

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	116.42
56.00	138.20	110.48#
0.00	0.00	0.00

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Manual Integrations APPROVED
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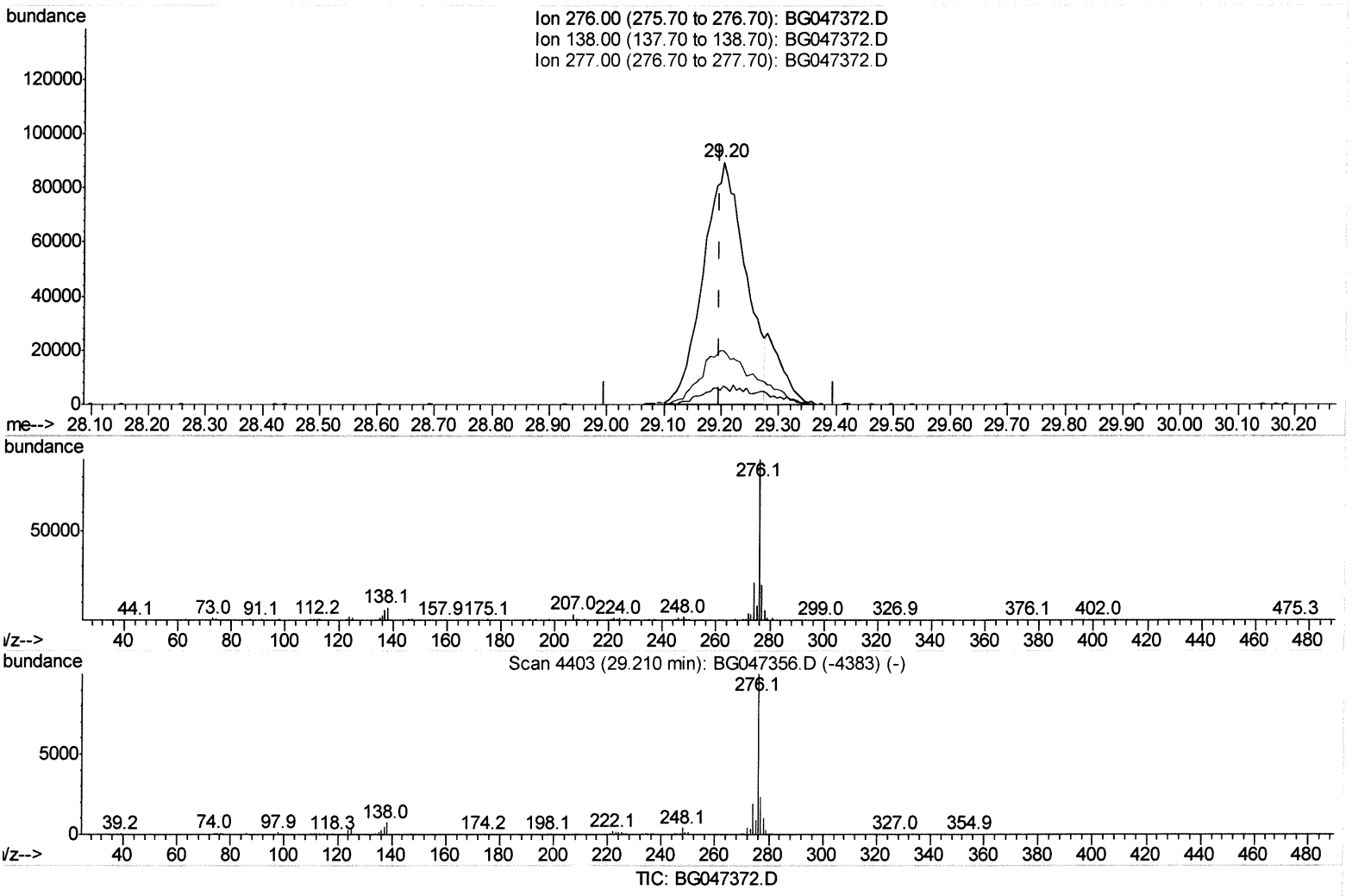

(92) Indeno(1,2,3-cd)pyrene

29.204min (+0.007) 16.50ng/ul

response 454780

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	7.93
277.00	24.90	22.23
0.00	0.00	0.00

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Manual Integrations APPROVED
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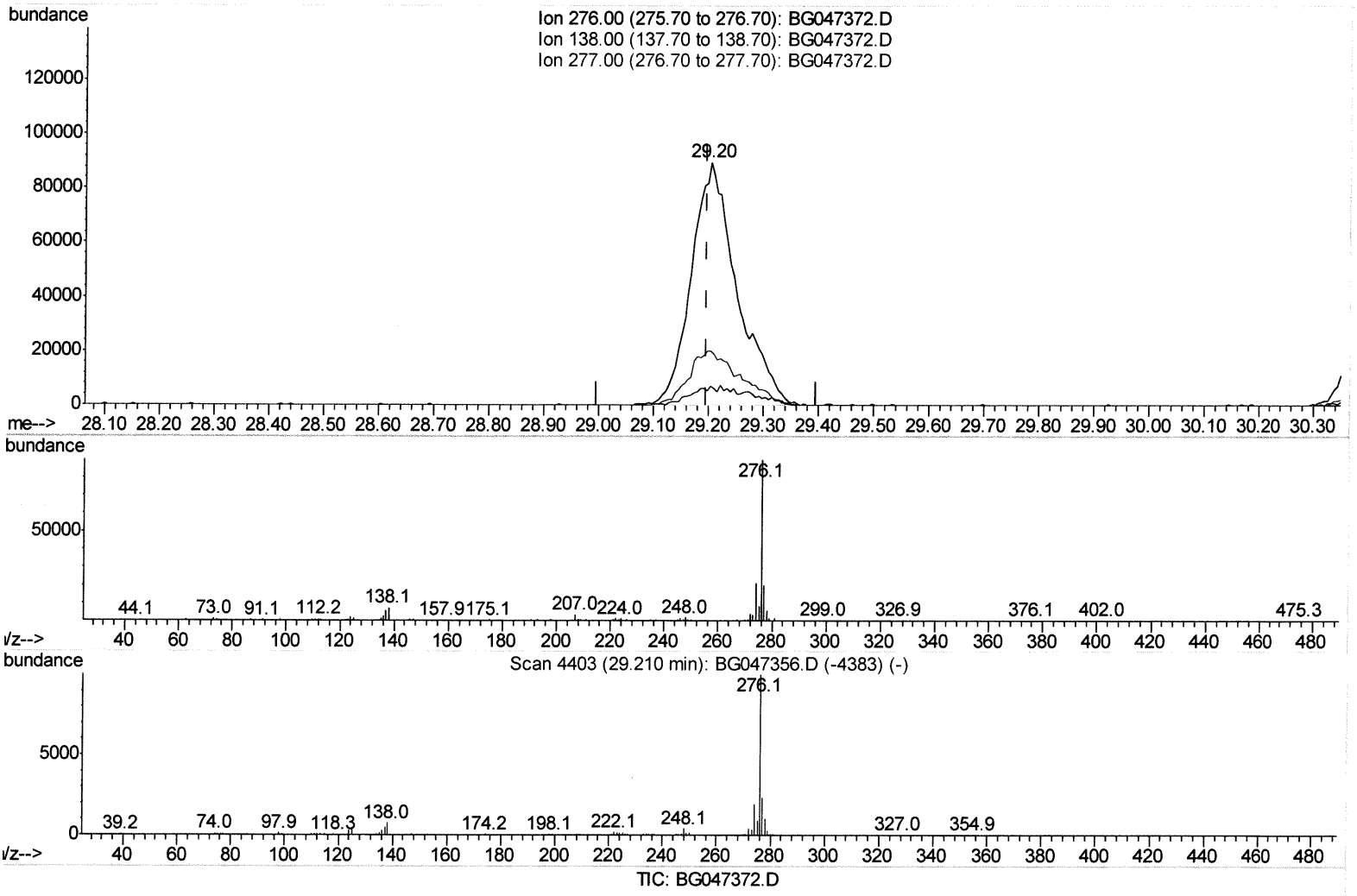

(92) Indeno(1,2,3-cd)pyrene

29.204min (+0.007) 18.53ng/ul m JU 11/24/20

response 510759

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	7.93
277.00	24.90	22.23
0.00	0.00	0.00

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LabSampleId :
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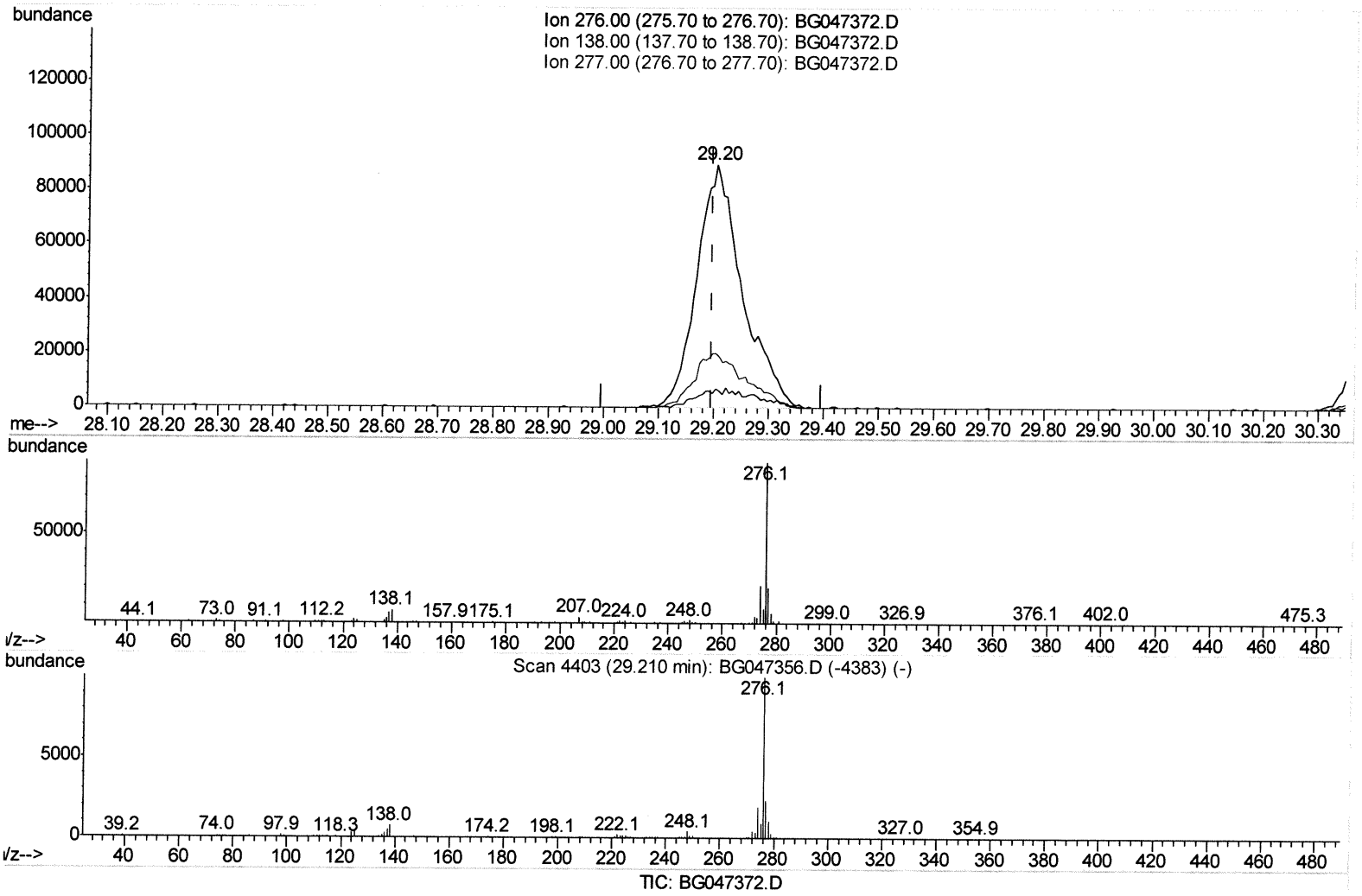

(92) Indeno(1,2,3-cd)pyrene

29.204min (+0.007) 18.53ng/ul m JU 11/24/20

response 510759

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	7.93
277.00	24.90	22.23
0.00	0.00	0.00

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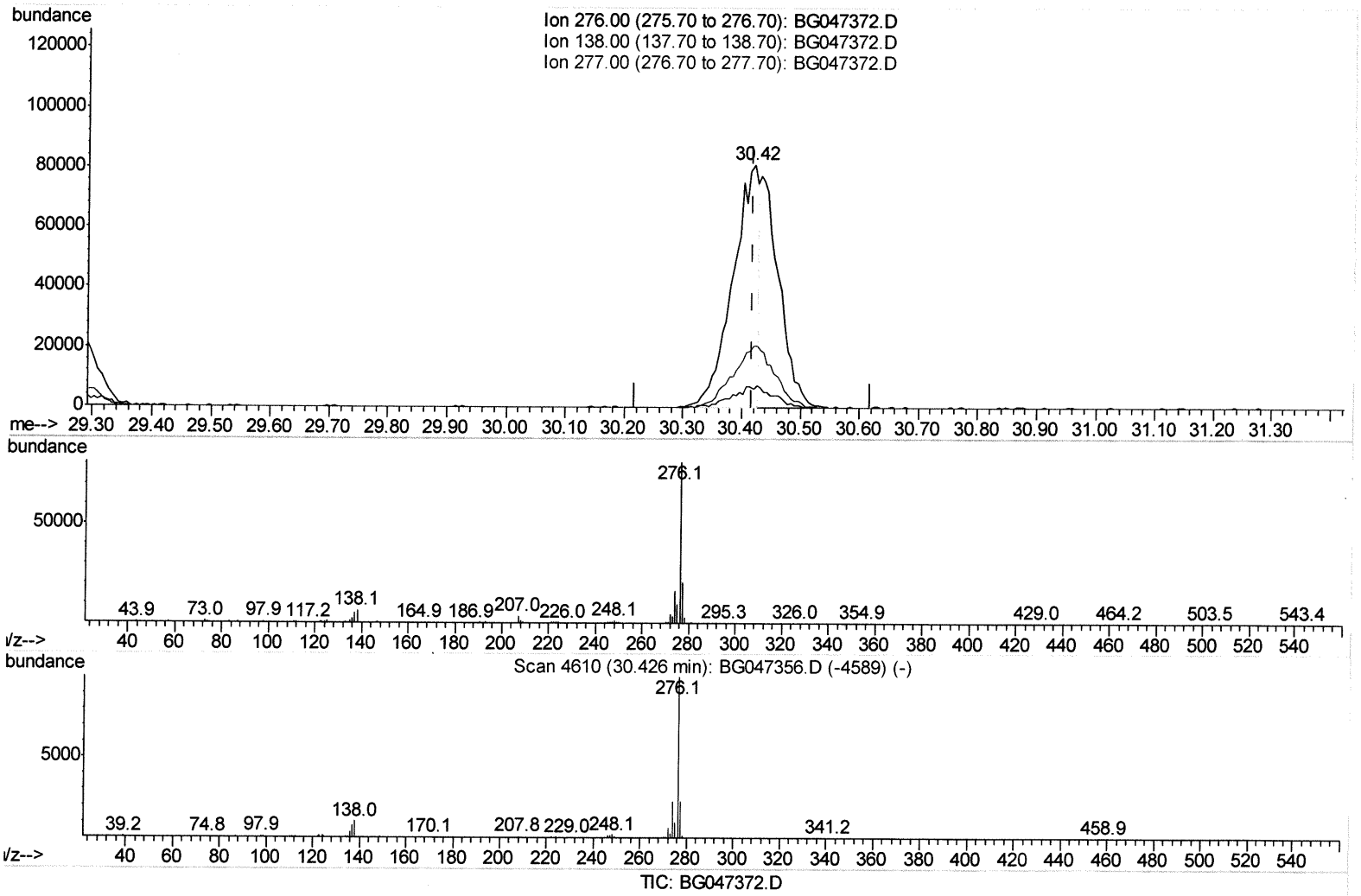

(94) Benzo(g,h,i)perylene

30.420min (+0.001) 10.70ng/ul

response 243492

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	7.71#
277.00	21.90	25.27
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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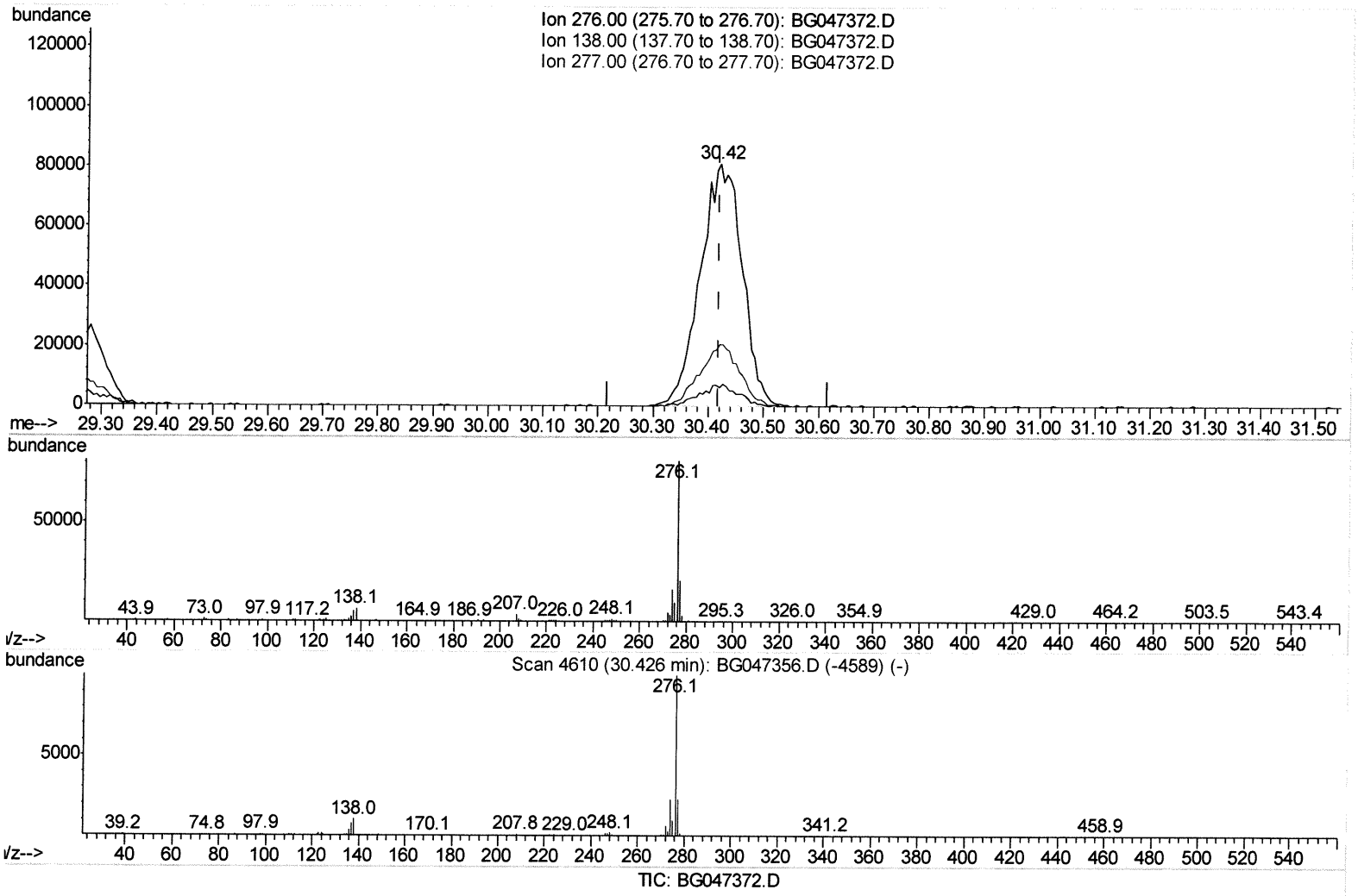

Scan 4610 (30.426 min): BG047356.D (-4589) (-)

TIC: BG047372.D

(94) Benzo(g,h,i)perylene

30.420min (+0.001) 18.60ng/ul m JU 11/24/20

response 423122

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	7.71#
277.00	21.90	25.27
0.00	0.00	0.00

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Instrument : BNA_G
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Quant Time: Nov 20 09:29:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	45782	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	177238	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	142913	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	358873	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	330565	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	360050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	7397	5.87	ng/uL	0.00
5) Phenol-d5	7.40	99	84720	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	47773	18.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	56843	18.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	65095	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	28474	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	32210	20.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	72381	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	78337	21.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	227101	18.51	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	265654	18.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	36347	19.42	ng/ul	0.00
58) Fluorene-d10	15.87	176	214996	19.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	39273	19.23	ng/ul	0.00
71) Anthracene-d10	17.72	188	334307	18.78	ng/ul	0.00
79) Pyrene-d10	19.98	212	384143	19.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	381961	18.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	8212	6.319	ng/uL#	47
4) Benzaldehyde	7.40	77	53255	19.637	ng/ul	94
6) Phenol	7.43	94	80785	18.365	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.68	93	58215	17.928	ng/ul	94
10) 2-Chlorophenol	7.83	128	58446	18.807	ng/ul#	88
11) 2-Methylphenol	8.70	108	64174	18.780	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.80	45	61935	18.134	ng/ul#	89
14) Acetophenone	9.10	105	100165	18.432	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.07	70	61301	18.698	ng/ul#	92
16) 4-Methylphenol	9.03	108	67218	18.742	ng/ul	95
17) Hexachloroethane	9.37	117	27314	18.703	ng/ul	95
20) Nitrobenzene	9.49	77	91097	19.239	ng/ul	93
21) Isophorone	10.01	82	169363	18.767	ng/ul	98
23) 2-Nitrophenol	10.20	139	34714	19.990	ng/ul	96
24) 2,4-Dimethylphenol	10.24	107	84714	19.218	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.48	93	80320	18.504	ng/ul#	91
27) 2,4-Dichlorophenol	10.73	162	65784	20.259	ng/ul	91
28) Naphthalene	11.15	128	190149	18.942	ng/ul	99
30) 4-Chloroaniline	11.24	127	73917	20.969	ng/ul#	89
31) Hexachlorobutadiene	11.44	225	62449	20.442	ng/ul	97
32) Caprolactam	12.00	113	23142m	19.553	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	83701	20.857	ng/ul	98
34) 2-Methylnaphthalene	12.73	142	144198	19.384	ng/ul	95

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Quant Time: Nov 20 09:29:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	170889	19.545 ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	106004	18.876 ng/ul#	95
38) Hexachlorocyclopentadiene	13.08	237	66105	16.916 ng/ul	91
39) 2,4,6-Trichlorophenol	13.32	196	70092	20.099 ng/ul#	91
40) 2,4,5-Trichlorophenol	13.39	196	73351	20.259 ng/ul	96
41) 1,1'-Biphenyl	13.73	154	206997	18.673 ng/ul	97
42) 2-Chloronaphthalene	13.77	162	160735	18.292 ng/ul	94
43) 2-Nitroaniline	13.96	65	61041	19.099 ng/ul#	81
45) Dimethylphthalate	14.33	163	226490	18.098 ng/ul	98
46) 2,6-Dinitrotoluene	14.44	165	45164	18.846 ng/ul	97
48) Acenaphthylene	14.61	152	242721	18.418 ng/ul	96
49) 3-Nitroaniline	14.77	138	36296	19.396 ng/ul	89
50) Acenaphthene	14.95	153	174564	18.885 ng/ul	96
51) 2,4-Dinitrophenol	14.97	184	23883	18.702 ng/ul	96
53) 4-Nitrophenol	15.06	109	51496	19.002 ng/ul	89
54) Dibenzofuran	15.28	168	252931	18.629 ng/ul	99
55) 2,4-Dinitrotoluene	15.23	165	67165	19.754 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.50	232	71344	20.575 ng/ul#	90
57) Diethylphthalate	15.68	149	230898	18.807 ng/ul	100
59) Fluorene	15.93	166	219134	19.158 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.91	204	131023	19.070 ng/ul	95
61) 4-Nitroaniline	15.93	138	41402	18.895 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.98	198	39061	18.273 ng/ul#	89
65) N-Nitrosodiphenylamine	16.12	169	202076	19.727 ng/ul	98
66) 4-Bromophenyl-phenylether	16.80	248	87089	19.103 ng/ul	90
67) Hexachlorobenzene	16.92	284	99108	20.781 ng/ul	96
68) Atrazine	17.05	200	86059	19.087 ng/ul	94
69) Pentachlorophenol	17.26	266	55147	19.769 ng/ul	94
70) Phenanthrene	17.66	178	370502	19.118 ng/ul	98
72) Anthracene	17.75	178	375533	19.241 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	110926	19.663 ng/uL	92
74) Pentachlorobenzene	15.20	250	106126	19.567 ng/uL	97
75) Carbazole	18.01	167	308881	19.619 ng/ul	98
76) Di-n-butylphthalate	18.56	149	385377	19.217 ng/ul	98
77) Fluoranthene	19.65	202	472225	19.294 ng/ul	98
80) Pyrene	20.01	202	466224	19.911 ng/ul	98
81) Butylbenzylphthalate	20.88	149	161806	19.675 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.78	252	148725	19.272 ng/ul#	95
83) Benzo(a)anthracene	21.88	228	450593	19.158 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.78	149	229208	19.995 ng/ul	98
85) Chrysene	21.95	228	428670	19.152 ng/ul	98
87) Di-n-octyl phthalate	23.05	149	389671	19.541 ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	472776	18.598 ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	449532	17.944 ng/ul	100
91) Benzo(a)pyrene	25.14	252	416260	18.368 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.20	276	510759m>	18.529 ng/ul >	JU 11/24/20
93) Dibenzo(a,h)anthracene	29.28	278	424288	18.773 ng/ul#	98
94) Benzo(g,h,i)perylene	30.42	276	423122m>	18.602 ng/ul >	JU 11/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed