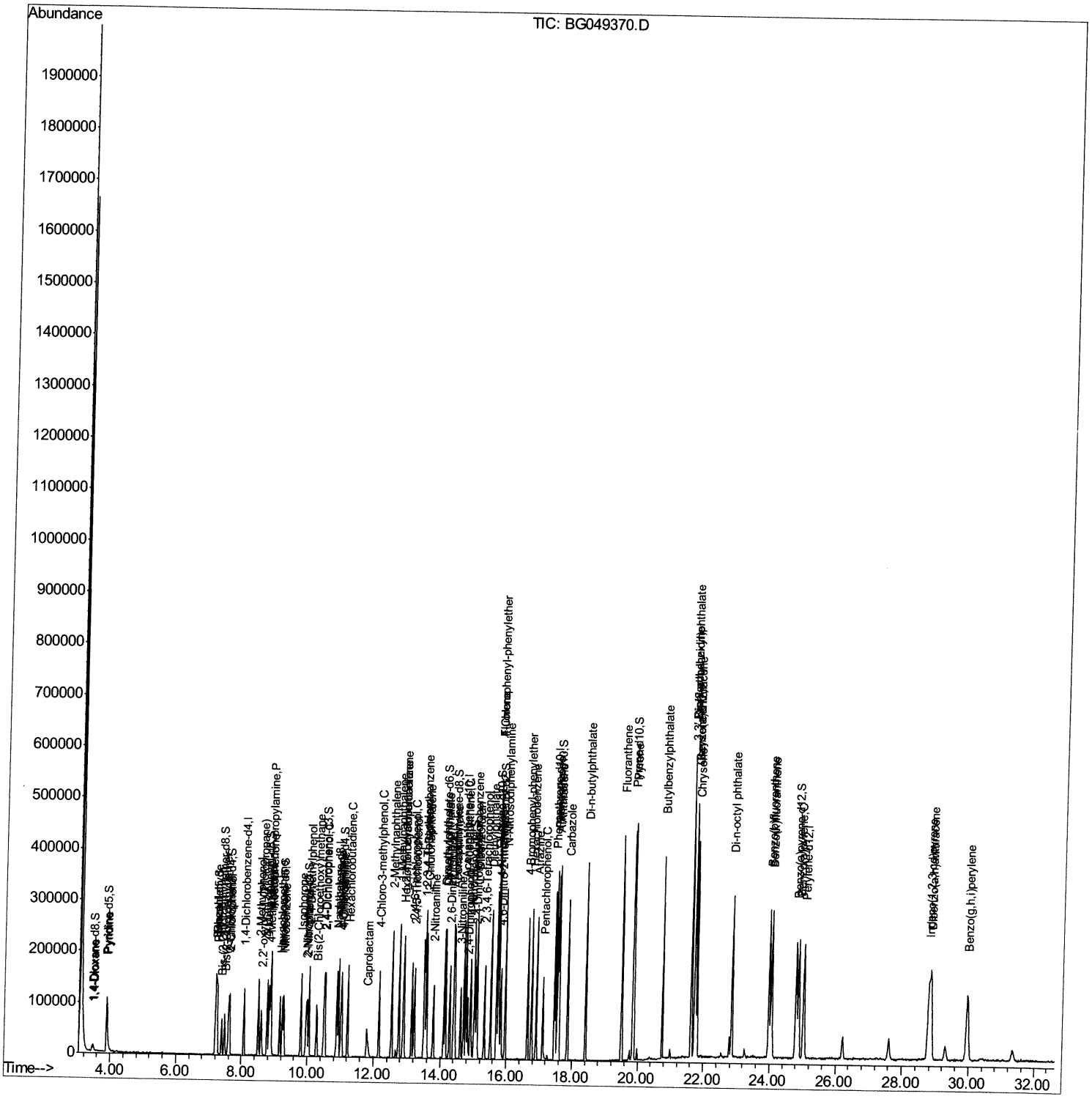
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:45:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
7/16/2021 10:54:41 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:40:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
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LabSampleId :
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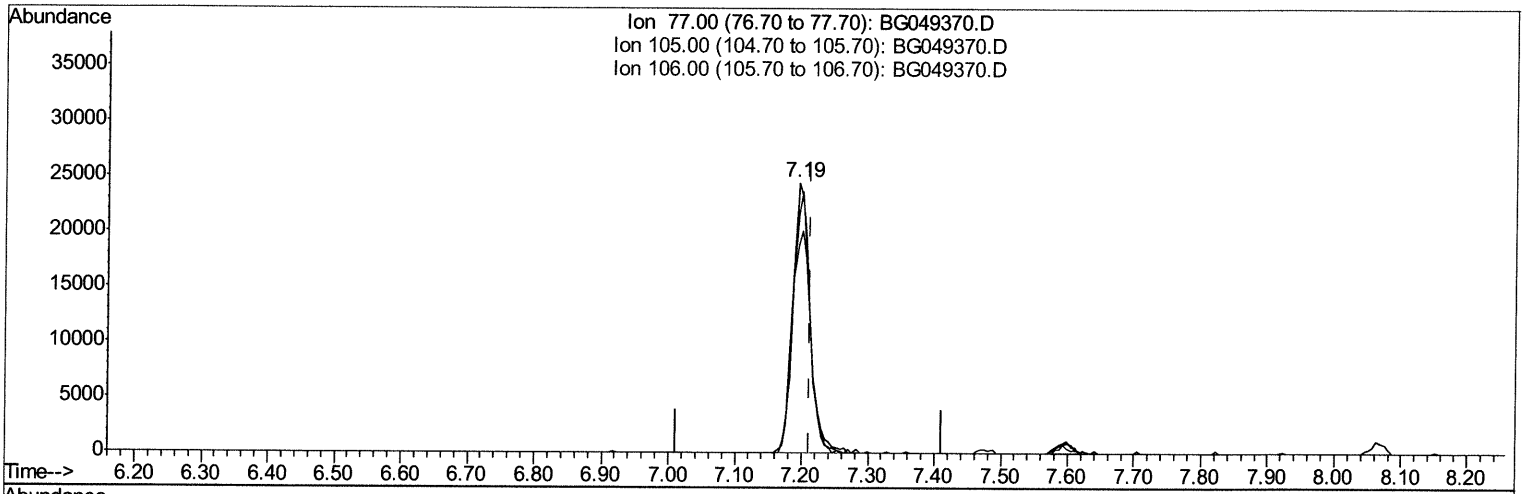
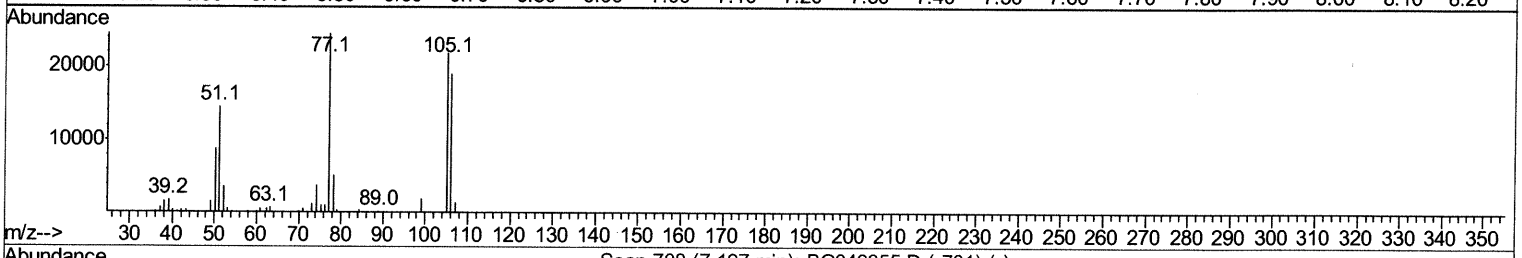
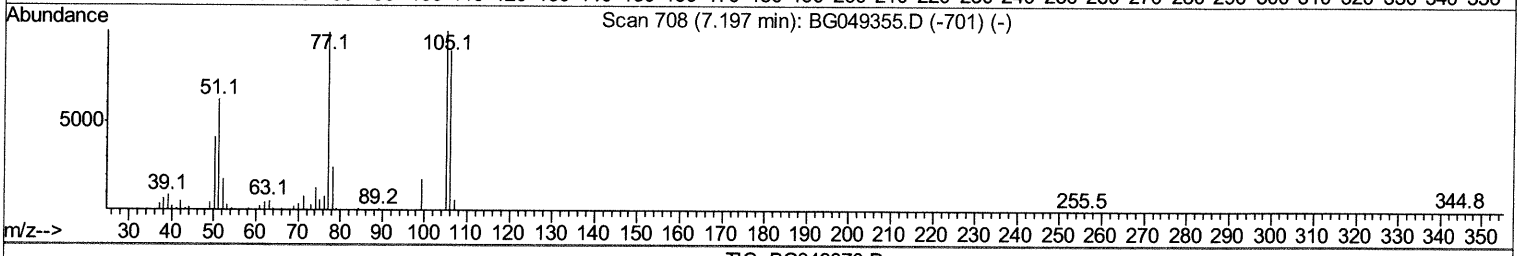
Manual Integrations APPROVED
mohammad
7/16/2021 10:54:41 AM







TIC: BG049370.D

(6) Benzaldehyde

7.194min (-0.019) 25.05ng/ul

response 44554

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	88.82
106.00	90.40	77.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:40:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
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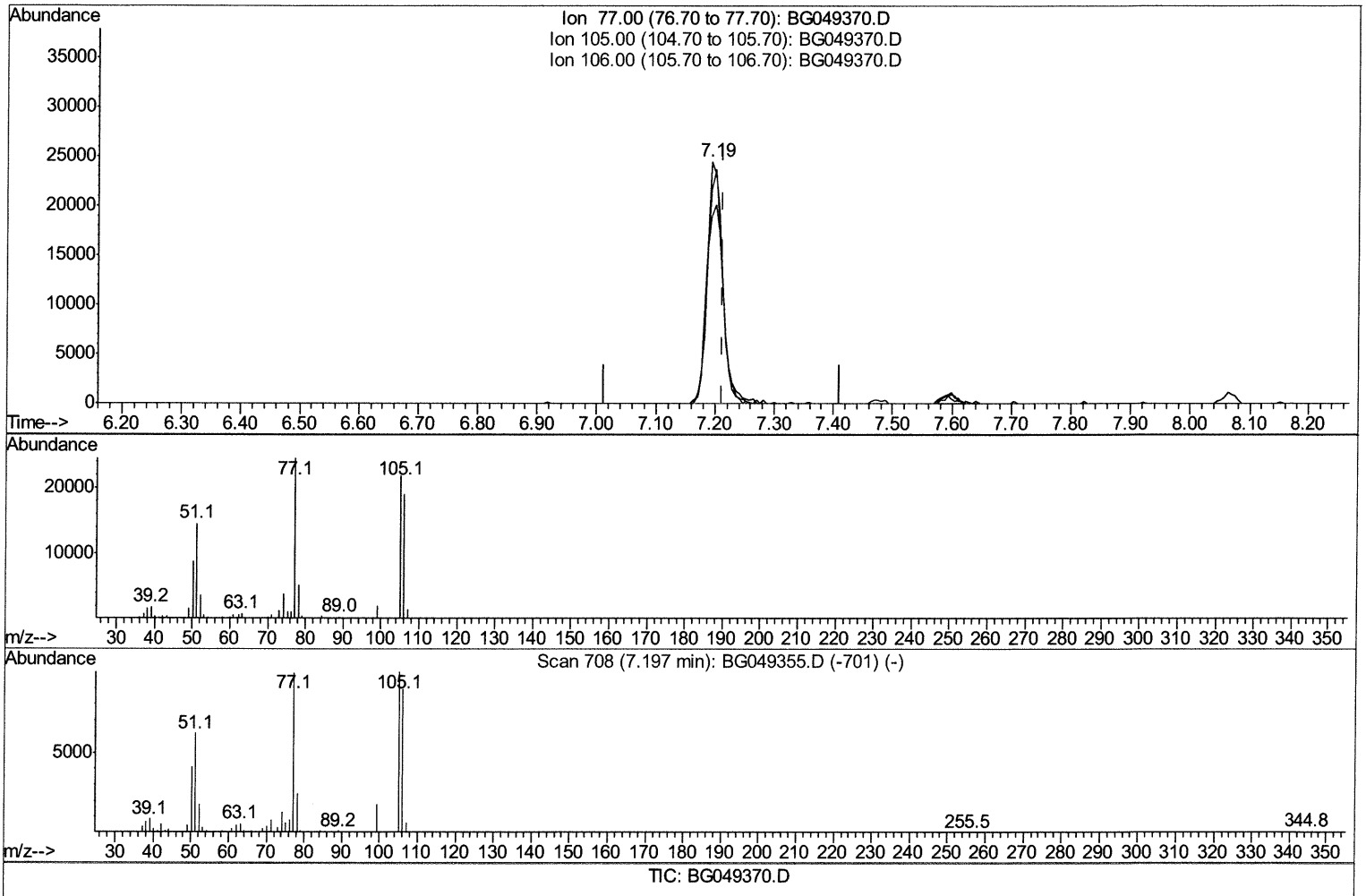

TIC: BG049370.D

(6) Benzaldehyde

7.194min (-0.019) 25.14ng/ul m 07/20/21JU

response 44711

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	88.82
106.00	90.40	77.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:42:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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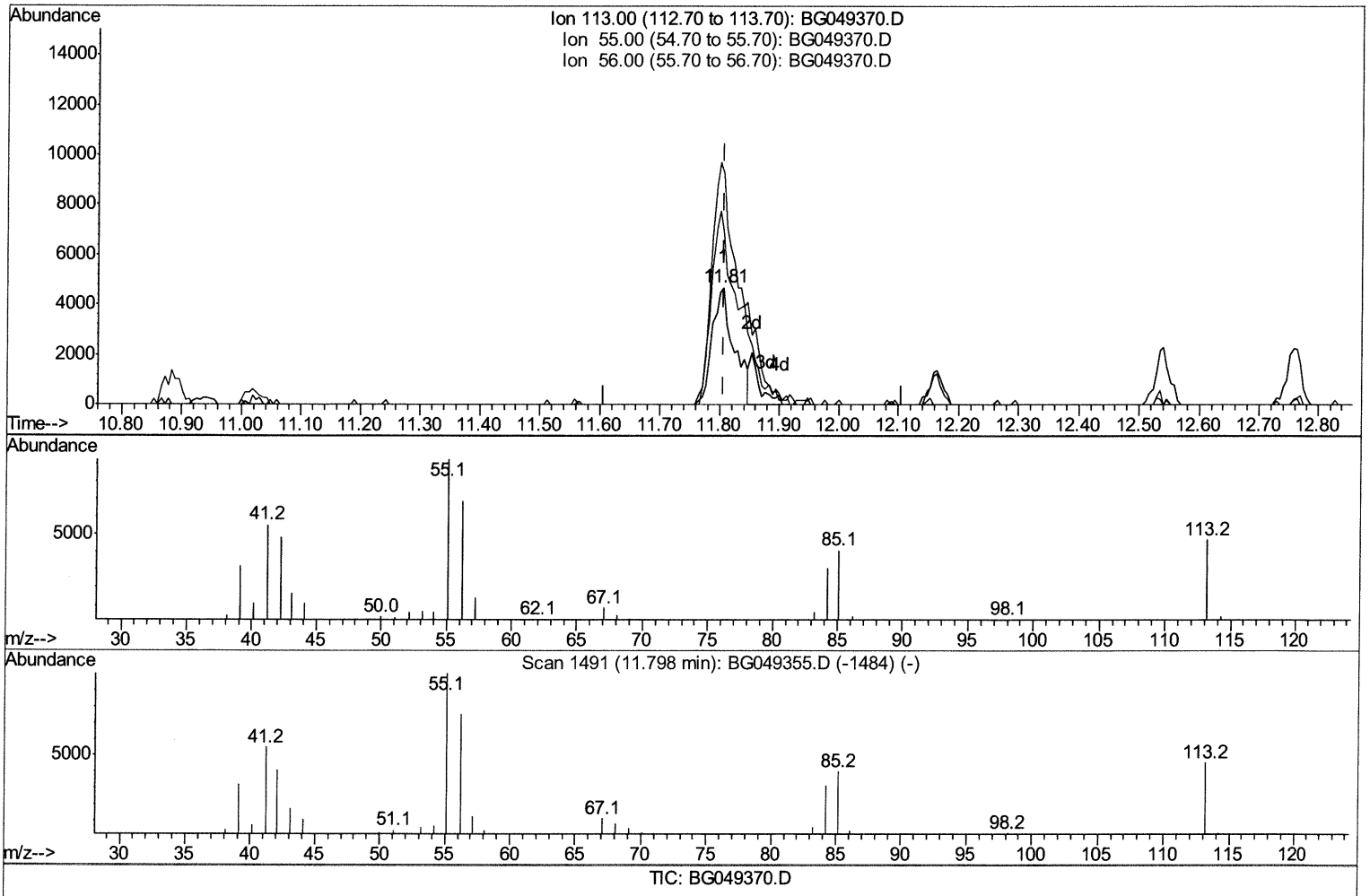

TIC: BG049370.D

(34) Caprolactam

11.806min (-0.001) 16.17ng/ul

response 11955

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	197.25
56.00	171.90	146.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:42:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
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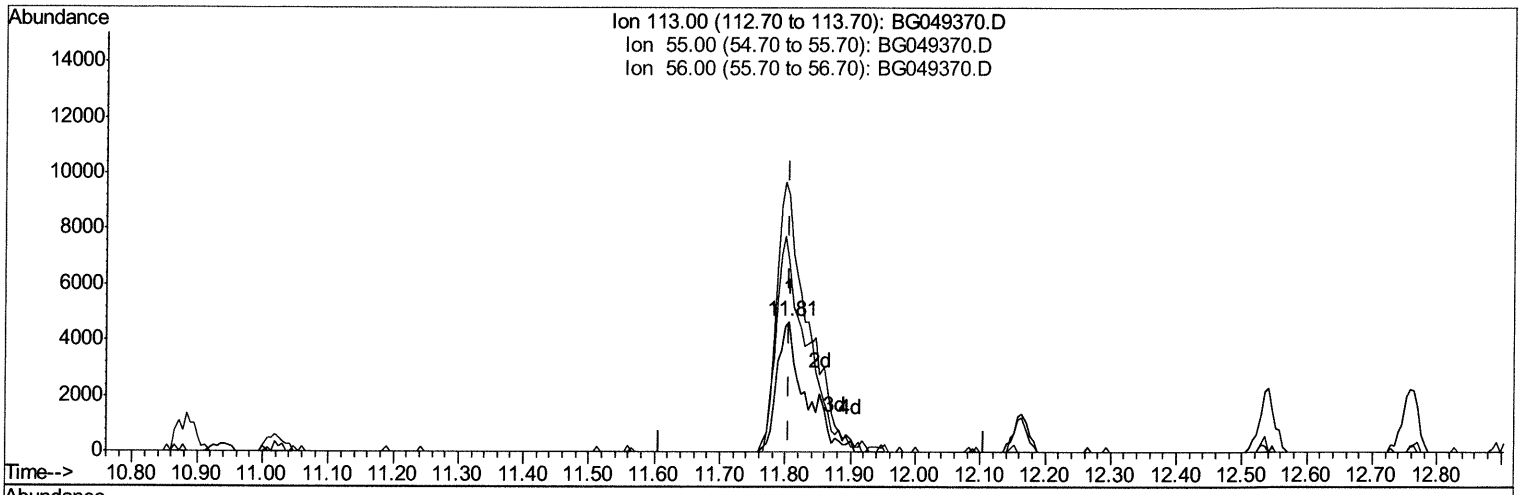

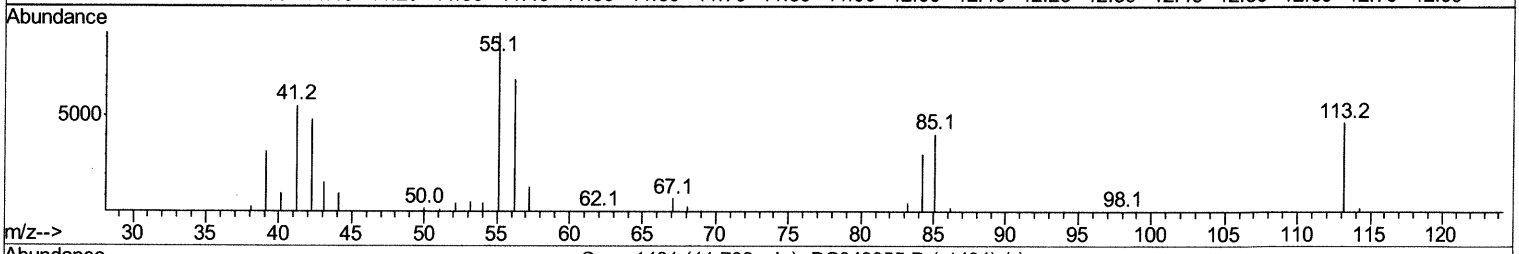

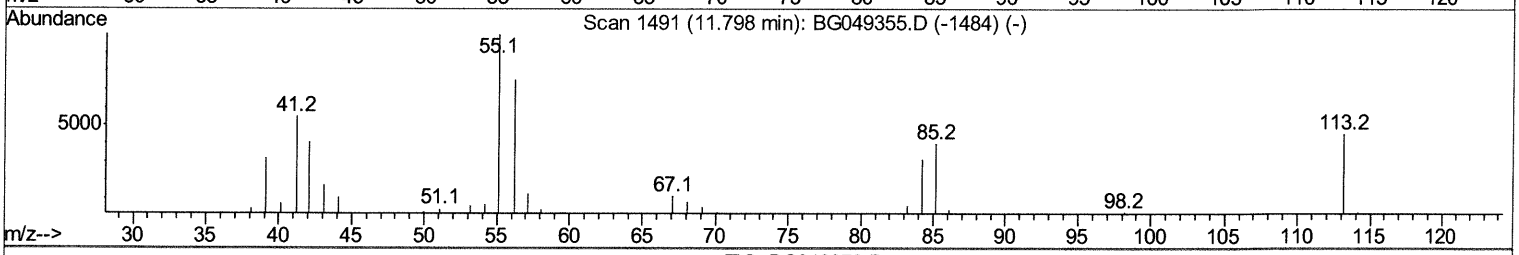

TIC: BG049370.D

(34) Caprolactam

11.806min (-0.001) 19.28ng/ul m 07/20/21 JU

response 14255

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	197.25
56.00	171.90	146.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:42:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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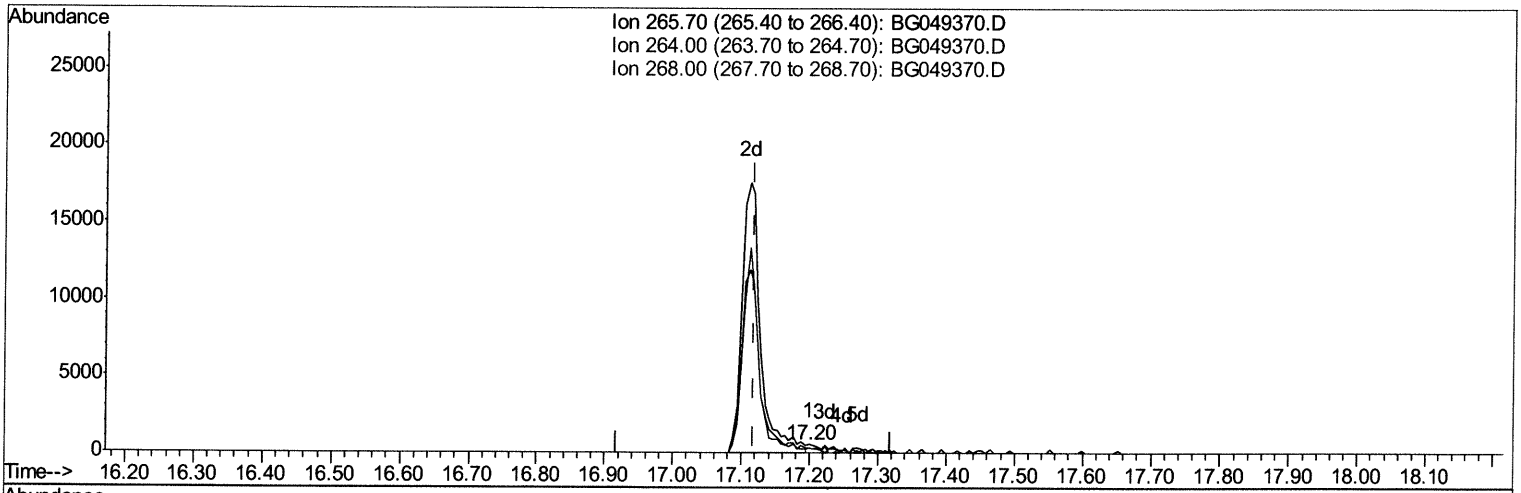

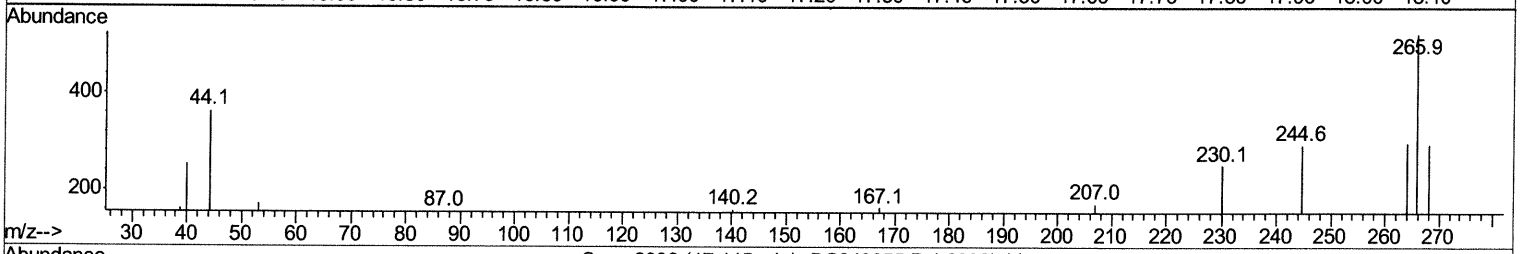

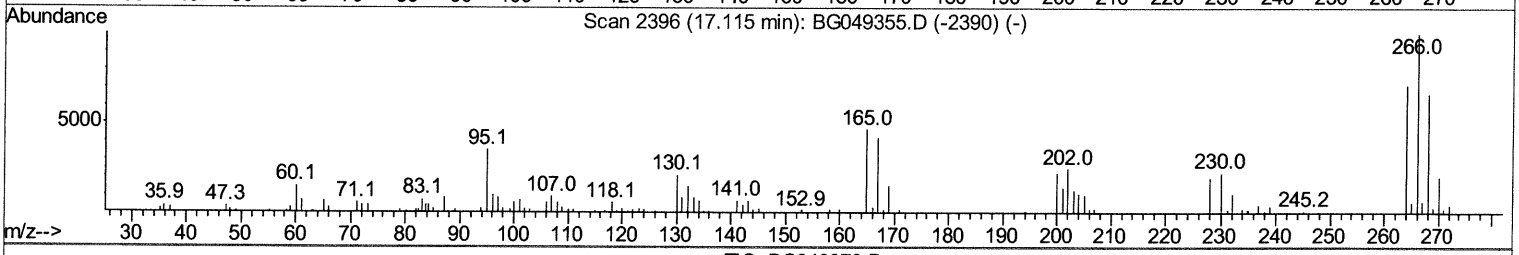

TIC: BG049370.D

(71) Pentachlorophenol (C)

17.200min (+0.081) 0.37ng/ul

response 593

Ion	Exp%	Act%
265.70	100	100
264.00	62.60	56.76
268.00	61.90	56.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:42:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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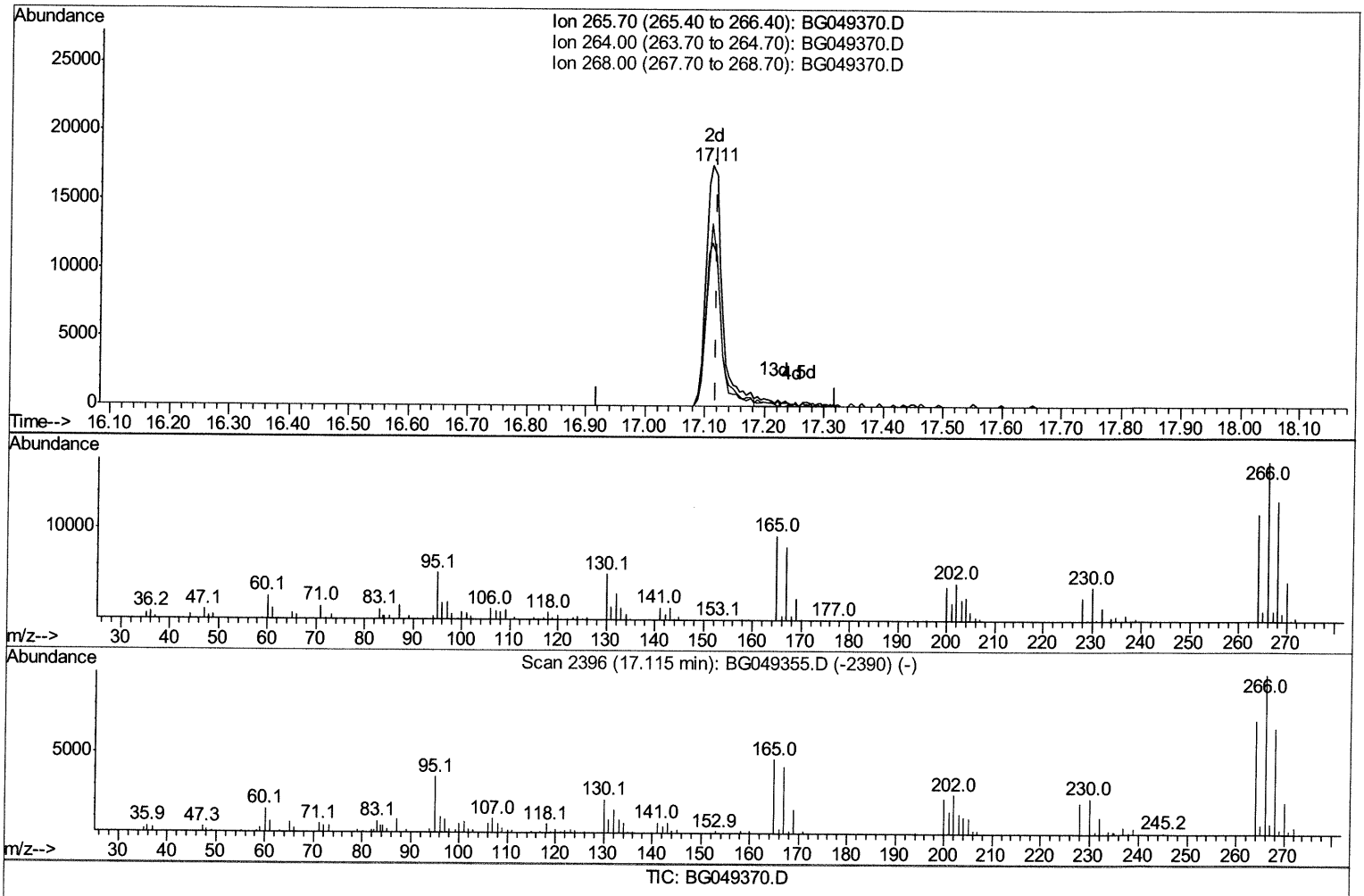

TIC: BG049370.D

(71) Pentachlorophenol (C)

17.111min (-0.007) 20.41ng/ul m 07/20/21-JU

response 32920

Ion	Exp%	Act%
265.70	100	100
264.00	62.60	67.59
268.00	61.90	75.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:44:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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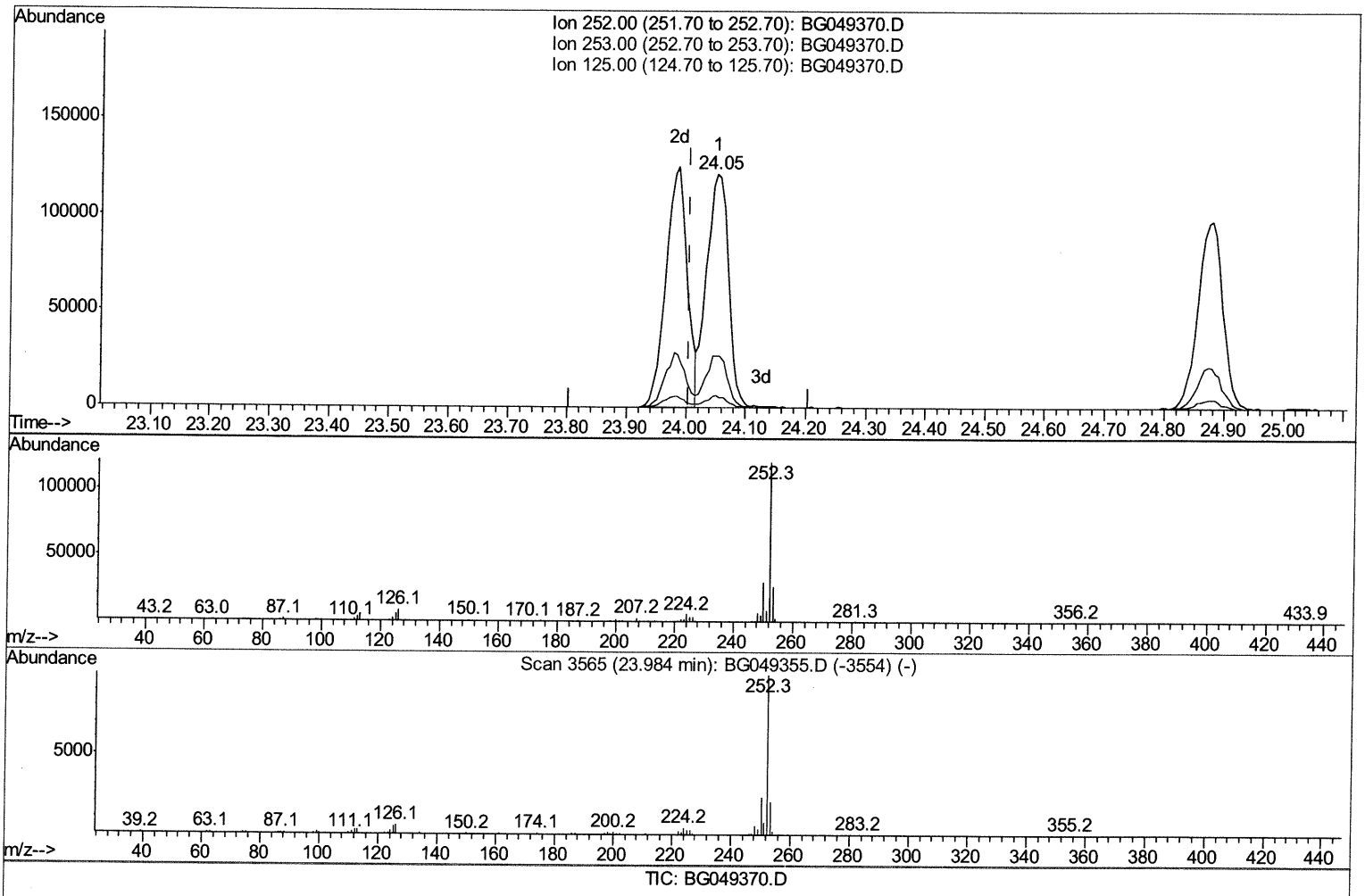

TIC: BG049370.D

(90) Benzo(b)fluoranthene

24.050min (+0.046) 21.36ng/ul

response 306733

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.92
125.00	6.00	5.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:44:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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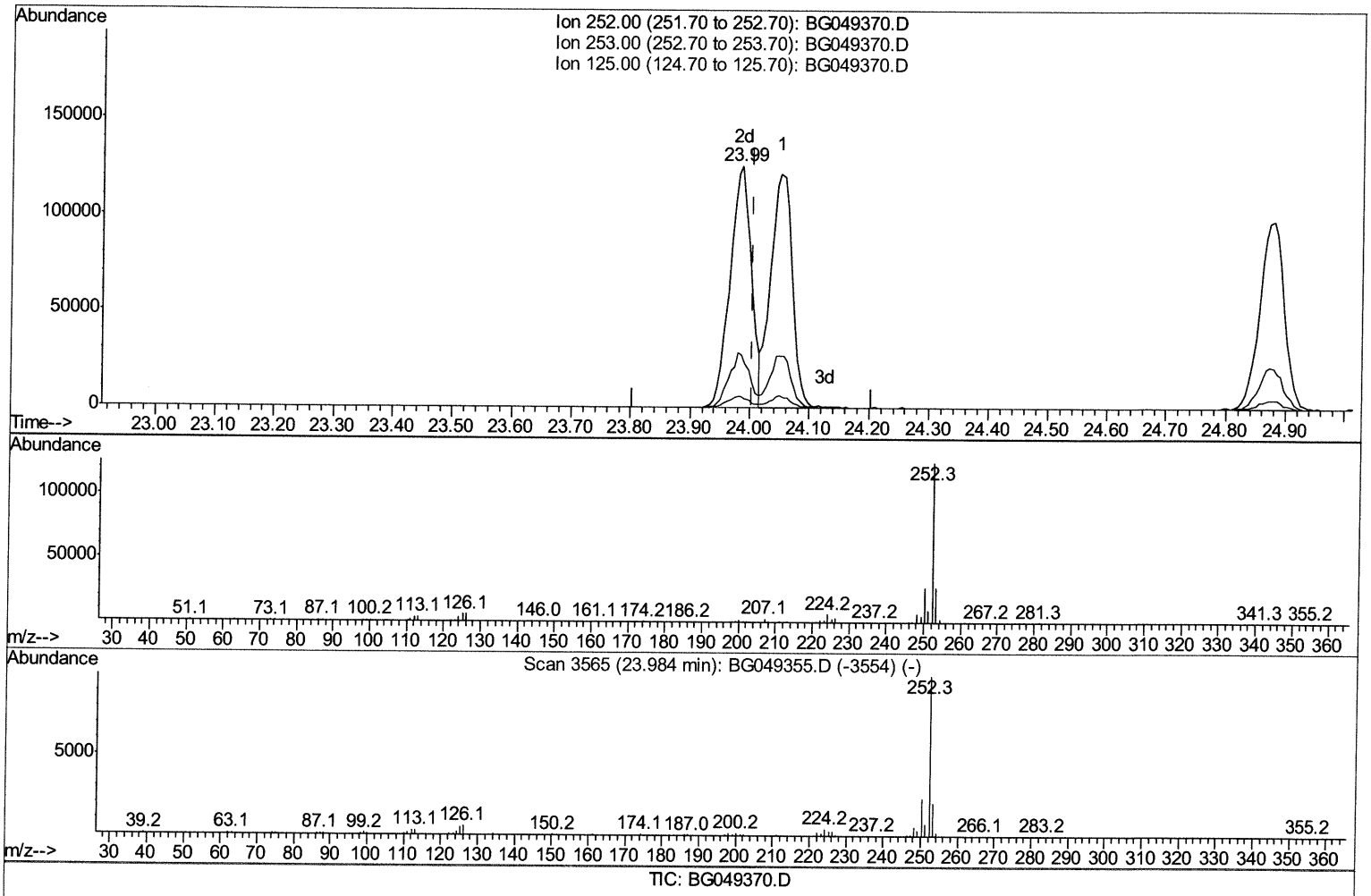
Manual Integrations APPROVED
mohammad
7/16/2021 10:54:41 AM



TIC: BG049370.D

(90) Benzo(b)fluoranthene

23.986min (-0.019) 21.84ng/ul m 07/20/21 JU

response 313659

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.75
125.00	6.00	4.68#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:45:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33985	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.88	136	135319	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.71	164	98480	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.46	188	213951	20.00	ng/ul	-0.01
79) Chrysene-d12	21.74	240	217697	20.00	ng/ul	-0.01
88) Perylene-d12	25.03	264	232778	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5584	7.73	ng/uL	0.00
4) Pyridine-d5	3.88	84	40847	19.23	ng/ul	0.00
7) Phenol-d5	7.22	99	60050	20.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	34195	19.94	ng/ul	0.00
11) 2-Chlorophenol-d4	7.59	132	44202	20.23	ng/ul	-0.01
15) 4-Methylphenol-d8	8.77	113	47182	19.92	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	22813	21.97	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	26831	22.51	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.50	165	52701	22.66	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.02	131	64674	21.34	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	158291	20.90	ng/ul	0.00
49) Acenaphthylene-d8	14.40	160	187983	21.15	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.91	143	22889	18.26	ng/ul	0.00
60) Fluorene-d10	15.70	176	135404	21.12	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.82	200	25473	18.73	ng/ul	0.00
73) Anthracene-d10	17.56	188	217474	22.33	ng/ul	-0.01
81) Pyrene-d10	19.84	212	249466	22.36	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.80	264	267494	22.11	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	6836	7.769	ng/uL#	90
5) Pyridine	3.90	79	44256	18.779	ng/ul#	93
6) Benzaldehyde	7.19	77	44711m >	25.141	ng/ul >	07/20/21 JU
8) Phenol	7.25	94	59610	20.163	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.48	93	43273	19.685	ng/ul#	80
12) 2-Chlorophenol	7.63	128	45582	20.669	ng/ul	98
13) 2-Methylphenol	8.51	108	46805	20.784	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.59	45	75609	21.384	ng/ul	99
16) Acetophenone	8.89	105	79258	20.399	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.87	70	41080	20.808	ng/ul	94
18) 4-Methylphenol	8.84	108	47870	20.433	ng/ul	91
19) Hexachloroethane	9.16	117	21304	21.335	ng/ul	89
22) Nitrobenzene	9.27	77	65181	22.259	ng/ul	97
23) Isophorone	9.80	82	112647	22.269	ng/ul	99
25) 2-Nitrophenol	9.99	139	26057	21.427	ng/ul	95
26) 2,4-Dimethylphenol	10.05	107	60403	22.432	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.28	93	60225	22.331	ng/ul#	91
29) 2,4-Dichlorophenol	10.53	162	49556	23.318	ng/ul	96
30) Naphthalene	10.94	128	148201	21.966	ng/ul	97
32) 4-Chloroaniline	11.04	127	62500	20.914	ng/ul	96
33) Hexachlorobutadiene	11.22	225	42029	23.320	ng/ul	96
34) Caprolactam	11.81	113	14255m >	19.281	ng/ul >	07/20/21 JU

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:45:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
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7/16/2021 10:54:41 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	53161	22.393 ng/ul	93
36) 2-Methylnaphthalene	12.54	142	114522	22.342 ng/ul	95
37) 1-Methylnaphthalene	12.76	142	111950	21.961 ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	67725	21.895 ng/ul#	98
40) Hexachlorocyclopentadiene	12.89	237	38213	18.602 ng/ul	98
41) 2,4,6-Trichlorophenol	13.15	196	41801	20.892 ng/ul#	83
42) 2,4,5-Trichlorophenol	13.22	196	48073	22.589 ng/ul	89
43) 1,1'-Biphenyl	13.54	154	146913	22.081 ng/ul	97
44) 2-Chloronaphthalene	13.59	162	111557	21.400 ng/ul	92
45) 2-Nitroaniline	13.79	65	41034	21.471 ng/ul	90
47) Dimethylphthalate	14.16	163	148243	21.088 ng/ul	98
48) 2,6-Dinitrotoluene	14.28	165	31251	20.642 ng/ul	91
50) Acenaphthylene	14.43	152	170871	21.620 ng/ul	99
51) 3-Nitroaniline	14.61	138	29902	21.690 ng/ul	97
52) Acenaphthene	14.77	153	122459	21.336 ng/ul	100
53) 2,4-Dinitrophenol	14.82	184	23949	24.961 ng/ul#	84
55) 4-Nitrophenol	14.92	109	30567	19.316 ng/ul	98
56) Dibenzofuran	15.11	168	174230	21.419 ng/ul	97
57) 2,4-Dinitrotoluene	15.07	165	43218	19.782 ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.34	232	40226	20.157 ng/ul	95
59) Diethylphthalate	15.52	149	154455	20.440 ng/ul	98
61) Fluorene	15.76	166	145312	21.108 ng/ul	93
62) 4-Chlorophenyl-phenylether	15.75	204	80940	21.387 ng/ul	95
63) 4-Nitroaniline	15.78	138	28654	21.172 ng/ul	85
66) 4,6-Dinitro-2-methylphenol	15.83	198	24135	18.650 ng/ul#	92
67) N-Nitrosodiphenylamine	15.96	169	123084	22.596 ng/ul	99
68) 4-Bromophenyl-phenylether	16.64	248	54091	22.667 ng/ul	96
69) Hexachlorobenzene	16.76	284	62950	23.293 ng/ul	96
70) Atrazine	16.91	200	54561	21.886 ng/ul	98
71) Pentachlorophenol	17.11	266	32920m >	20.410 ng/ul >	07/20/21 JU
72) Phenanthrene	17.51	178	230041	22.044 ng/ul	100
74) Anthracene	17.59	178	236676	22.202 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	69742	23.895 ng/uL	96
76) Pentachlorobenzene	15.03	250	72839	23.524 ng/uL	96
77) Carbazole	17.86	167	202038	21.246 ng/ul	97
78) Di-n-butylphthalate	18.42	149	249455	20.966 ng/ul	99
80) Fluoranthene	19.51	202	290232	22.366 ng/ul	99
82) Pyrene	19.87	202	286676	22.172 ng/ul	98
83) Butylbenzylphthalate	20.75	149	108674	21.409 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.64	252	117446	23.091 ng/ul	99
85) Benzo(a)anthracene	21.72	228	293762	21.958 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	164453	22.212 ng/ul	98
87) Chrysene	21.79	228	275092	21.738 ng/ul	100
89) Di-n-octyl phthalate	22.85	149	275424	21.020 ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	313659m >	21.842 ng/ul >	07/20/21 JU
91) Benzo(k)fluoranthene	24.05	252	307131	21.935 ng/ul	97
93) Benzo(a)pyrene	24.88	252	279760	22.137 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.79	276	352972	21.647 ng/ul#	95
95) Dibenzo(a,h)anthracene	28.86	278	293833	21.757 ng/ul	95
96) Benzo(g,h,i)perylene	29.96	276	293893	21.801 ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 16 02:45:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

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

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
7/16/2021 10:54:41 AM