Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049231.D
Acq On : 9 Jul 2021 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020201

Manual Integrations APPROVED
mohammad
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Quant Time: Jul 09 11:33:45 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	31233	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	128862	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.724	164	92714	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	215951m	20.000	ng/ul	0.00
79) Chrysene-d12	21.757	240	222732	20.000	ng/ul	0.00
88) Perylene-d12	25.059	264	231210	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	5194	7.823	ng/uL	0.00
4) Pyridine-d5	3.890	84	34588	17.716	ng/ul	0.00
7) Phenol-d5	7.227	99	52285	19.245	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	31193	19.796	ng/ul	0.00
11) 2-Chlorophenol-d4	7.609	132	39924	19.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.784	113	42169	19.372	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	20647	20.880	ng/ul	0.00
24) 2-Nitrophenol-d4	9.971	143	22647	19.951	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	45206	20.410	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	54899	19.020	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	143339	20.103	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	166704	19.926	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	22043	18.678	ng/ul	0.00
60) Fluorene-d10	15.717	176	119705	19.829	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.829	200	28135	20.497	ng/ul	0.00
73) Anthracene-d10	17.568	188	194152	19.747	ng/ul	0.00
81) Pyrene-d10	19.854	212	238548	20.896	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.824	264	238159	19.815	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.502	88	6414	7.932	ng/uL#	83
5) Pyridine	3.914	79	40527	18.712	ng/ul	89
6) Benzaldehyde	7.210	77	39635	24.250	ng/ul	96
8) Phenol	7.257	94	51929	19.112	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.492	93	39313	19.460	ng/ul#	84
12) 2-Chlorophenol	7.639	128	40500	19.983	ng/ul	96
13) 2-Methylphenol	8.514	108	39971	19.313	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.602	45	65498	20.157	ng/ul	97
16) Acetophenone	8.902	105	70426	19.723	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.884	70	36669	20.211	ng/ul	97
18) 4-Methylphenol	8.843	108	42286	19.640	ng/ul	93
19) Hexachloroethane	9.166	117	17542	19.116	ng/ul	98
22) Nitrobenzene	9.284	77	55046	19.740	ng/ul#	96
23) Isophorone	9.813	82	97607	20.263	ng/ul	99
25) 2-Nitrophenol	10.001	139	22986	19.849	ng/ul	99
26) 2,4-Dimethylphenol	10.059	107	50900	19.850	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.294	93	51181	19.929	ng/ul	92
29) 2,4-Dichlorophenol	10.541	162	40002	19.765	ng/ul#	87
30) Naphthalene	10.952	128	129996	20.233	ng/ul	97
32) 4-Chloroaniline	11.052	127	56116	19.719	ng/ul	97
33) Hexachlorobutadiene	11.234	225	34598	20.159	ng/ul	97
34) Caprolactam	11.816	113	12938m	18.377	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	46270	20.467	ng/ul	91
36) 2-Methylnaphthalene	12.551	142	97744	20.024	ng/ul	89

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Manual Integrations APPROVED
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.768	142	100110	20.623	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	12.921	216	59262	20.351	ng/ul#	95
40)	Hexachlorocyclopentadiene	12.897	237	36251	18.744	ng/ul	98
41)	2,4,6-Trichlorophenol	13.156	196	37750	20.040	ng/ul	95
42)	2,4,5-Trichlorophenol	13.226	196	38265	19.099	ng/ul	93
43)	1,1'-Biphenyl	13.555	154	128272	20.478	ng/ul	99
44)	2-Chloronaphthalene	13.602	162	97969	19.963	ng/ul	98
45)	2-Nitroaniline	13.796	65	34805	19.344	ng/ul	95
47)	Dimethylphthalate	14.166	163	131298	19.839	ng/ul#	99
48)	2,6-Dinitrotoluene	14.290	165	28305	19.859	ng/ul	93
50)	Acenaphthylene	14.442	152	149374	20.076	ng/ul	98
51)	3-Nitroaniline	14.619	138	26570	20.472	ng/ul	91
52)	Acenaphthene	14.789	153	108518	20.083	ng/ul	96
53)	2,4-Dinitrophenol	14.830	184	15611	17.282	ng/ul#	88
55)	4-Nitrophenol	14.924	109	28188	18.920	ng/ul	96
56)	Dibenzofuran	15.118	168	154055	20.117	ng/ul	94
57)	2,4-Dinitrotoluene	15.077	165	40712	19.794	ng/ul#	89
58)	2,3,4,6-Tetrachlorophenol	15.347	232	37459	19.938	ng/ul	95
59)	Diethylphthalate	15.529	149	139093	19.552	ng/ul	98
61)	Fluorene	15.770	166	132618	20.462	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.759	204	71196	19.982	ng/ul	98
63)	4-Nitroaniline	15.782	138	27565	21.634	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.841	198	25281	19.354	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.970	169	110049	20.016	ng/ul	96
68)	4-Bromophenyl-phenylether	16.657	248	48176	20.002	ng/ul	96
69)	Hexachlorobenzene	16.775	284	52719	19.327	ng/ul	97
70)	Atrazine	16.916	200	50272	19.979	ng/ul	96
71)	Pentachlorophenol	17.122	266	29526	18.136	ng/ul	97
72)	Phenanthrene	17.515	178	209679m	19.907	ng/ul	
74)	Anthracene	17.603	178	218532	20.310	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.520	216	58936	20.005	ng/uL	99
76)	Pentachlorobenzene	15.042	250	63362	20.274	ng/uL	98
77)	Carbazole	17.874	167	191256	19.926	ng/ul	99
78)	Di-n-butylphthalate	18.426	149	236412	19.686	ng/ul	98
80)	Fluoranthene	19.525	202	272190	20.501	ng/ul	99
82)	Pyrene	19.883	202	274697	20.765	ng/ul	98
83)	Butylbenzylphthalate	20.764	149	104960	20.210	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.652	252	106919	20.546	ng/ul#	97
85)	Benzo(a)anthracene	21.740	228	273514	19.982	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.634	149	148463	19.599	ng/ul	100
87)	Chrysene	21.804	228	257039	19.853	ng/ul	99
89)	Di-n-octyl phthalate	22.874	149	251822	19.349	ng/ul	100
90)	Benzo(b)fluoranthene	24.008	252	291550m	20.440	ng/ul	
91)	Benzo(k)fluoranthene	24.078	252	268842	19.331	ng/ul	96
93)	Benzo(a)pyrene	24.901	252	249650	19.889	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	28.826	276	320288	19.776	ng/ul	97
95)	Dibenzo(a,h)anthracene	28.890	278	269825	20.115	ng/ul#	94
96)	Benzo(g,h,i)perylene	30.012	276	265784	19.849	ng/ul	96

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

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Acq On : 9 Jul 2021 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 11:33:45 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
ClientSampleId :
SSTD020201

Manual Integrations APPROVED
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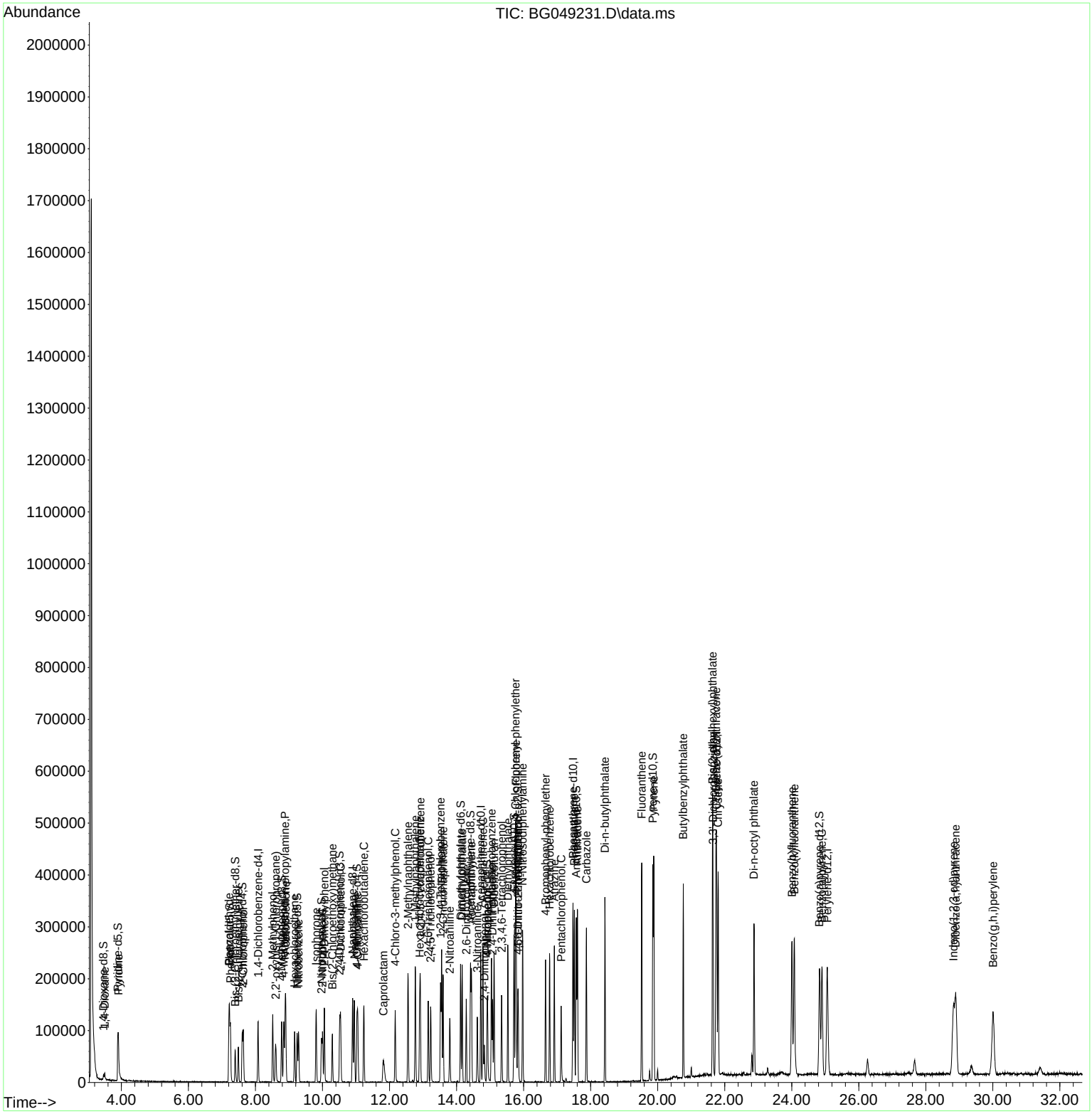

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049231.D
Acq On : 9 Jul 2021 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 11:40:44 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
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Instrument :
BNA_G
ClientSampleId :
SSTD020201

Manual Integrations APPROVED
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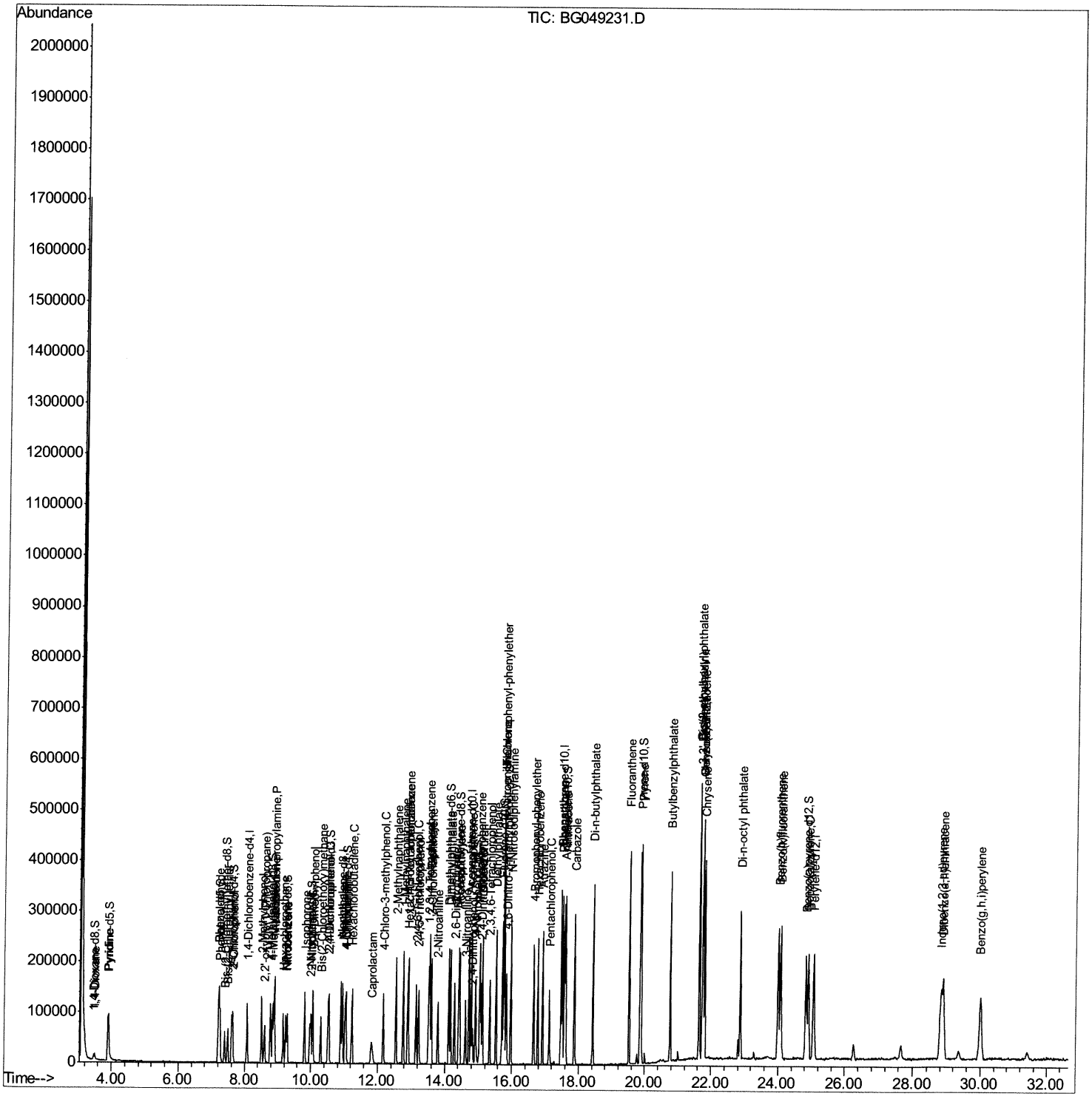

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049231.D
Acq On : 9 Jul 2021 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 11:33:28 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
ClientSampleId :
SSTD020201

Manual Integrations APPROVED
mohammad
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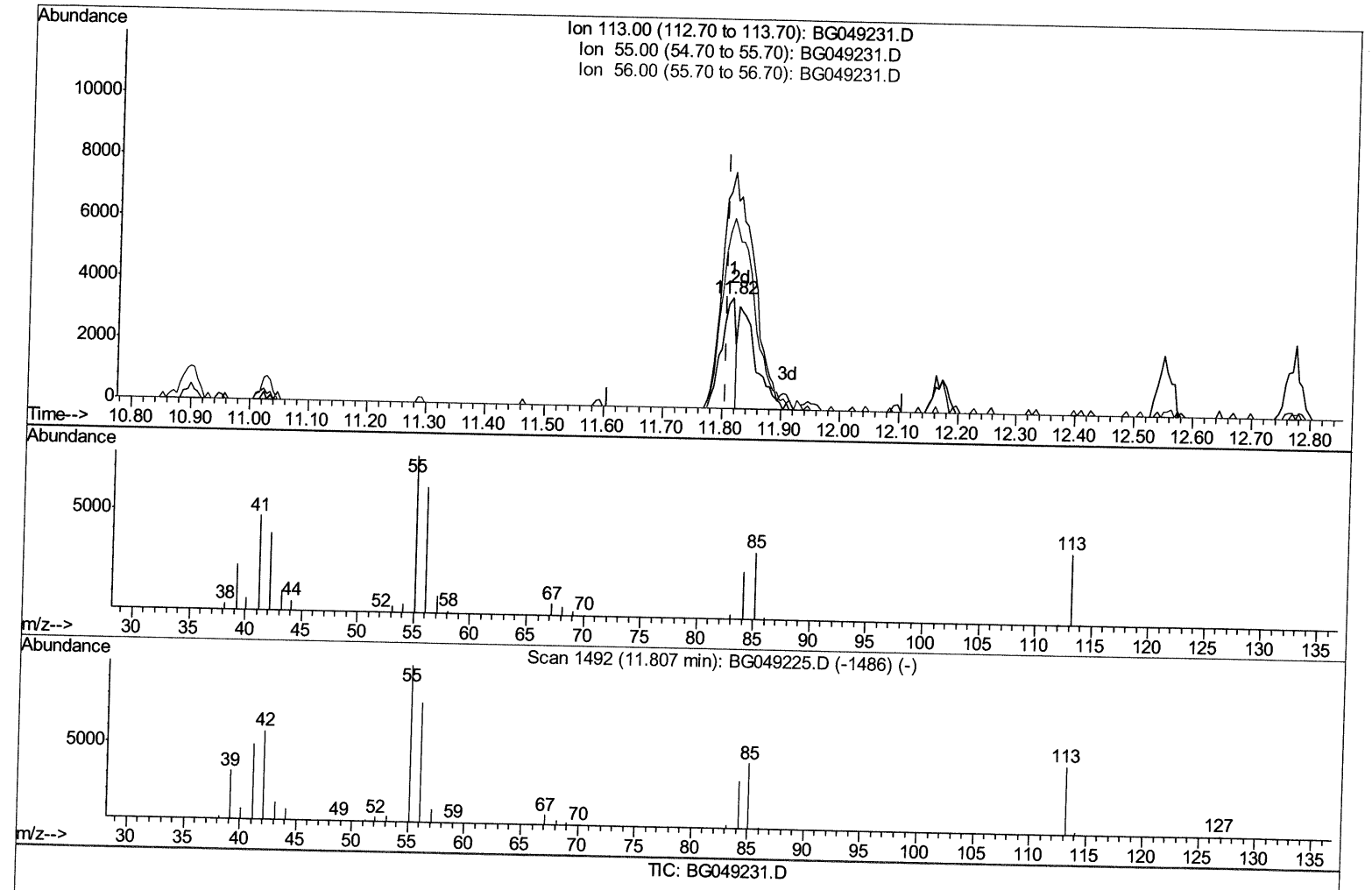

TIC: BG049231.D

(34) Caprolactam

11.816min (+0.009) 8.36ng/ul

response 5888

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	213.95
56.00	171.90	172.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
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Manual Integrations APPROVED
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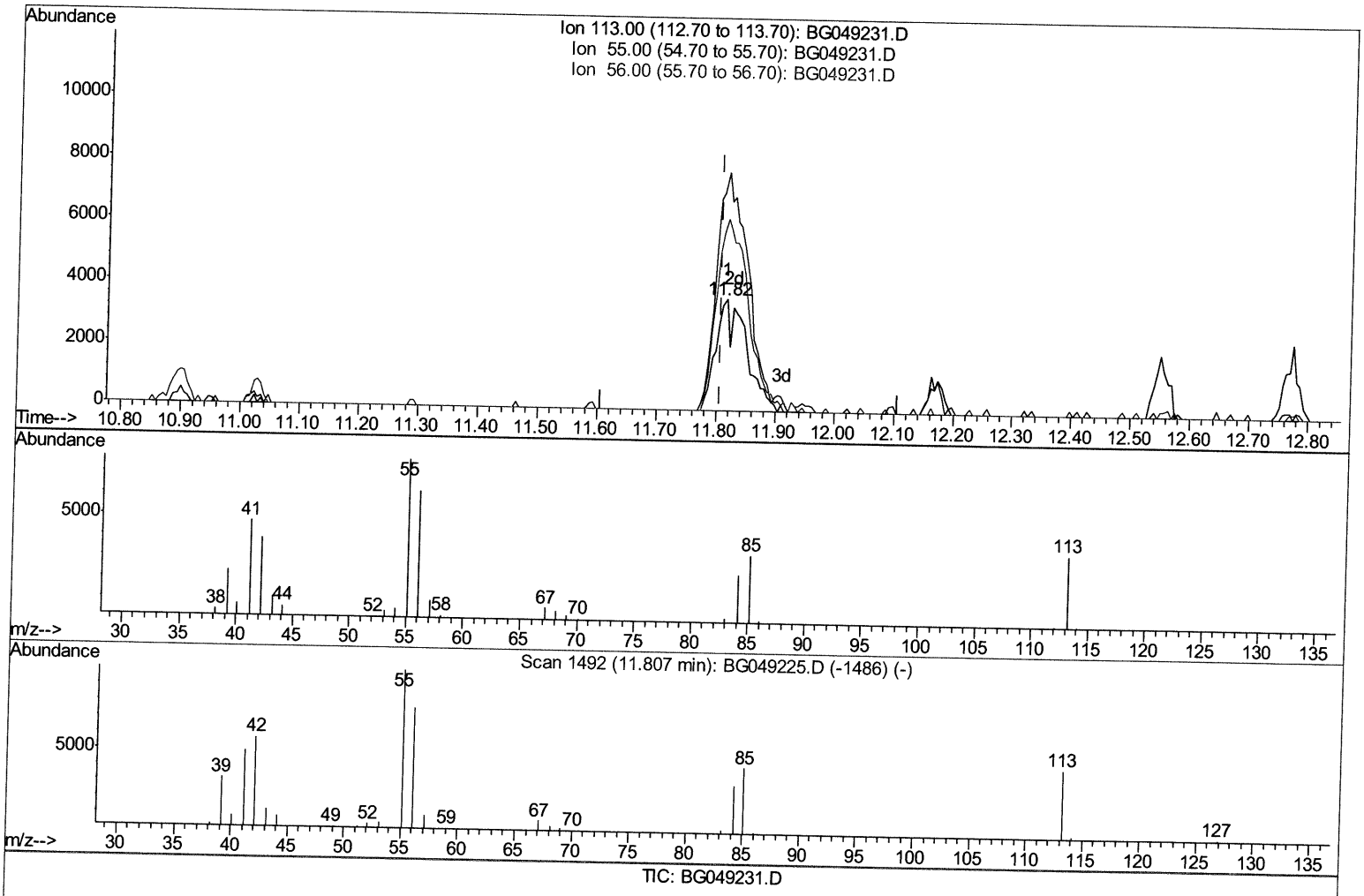

TIC: BG049231.D

(34) Caprolactam

11.816min (+0.009) 18.38ng/ul m 07/13/21 JU

response 12938

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	213.95
56.00	171.90	172.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 11:35:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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Manual Integrations APPROVED
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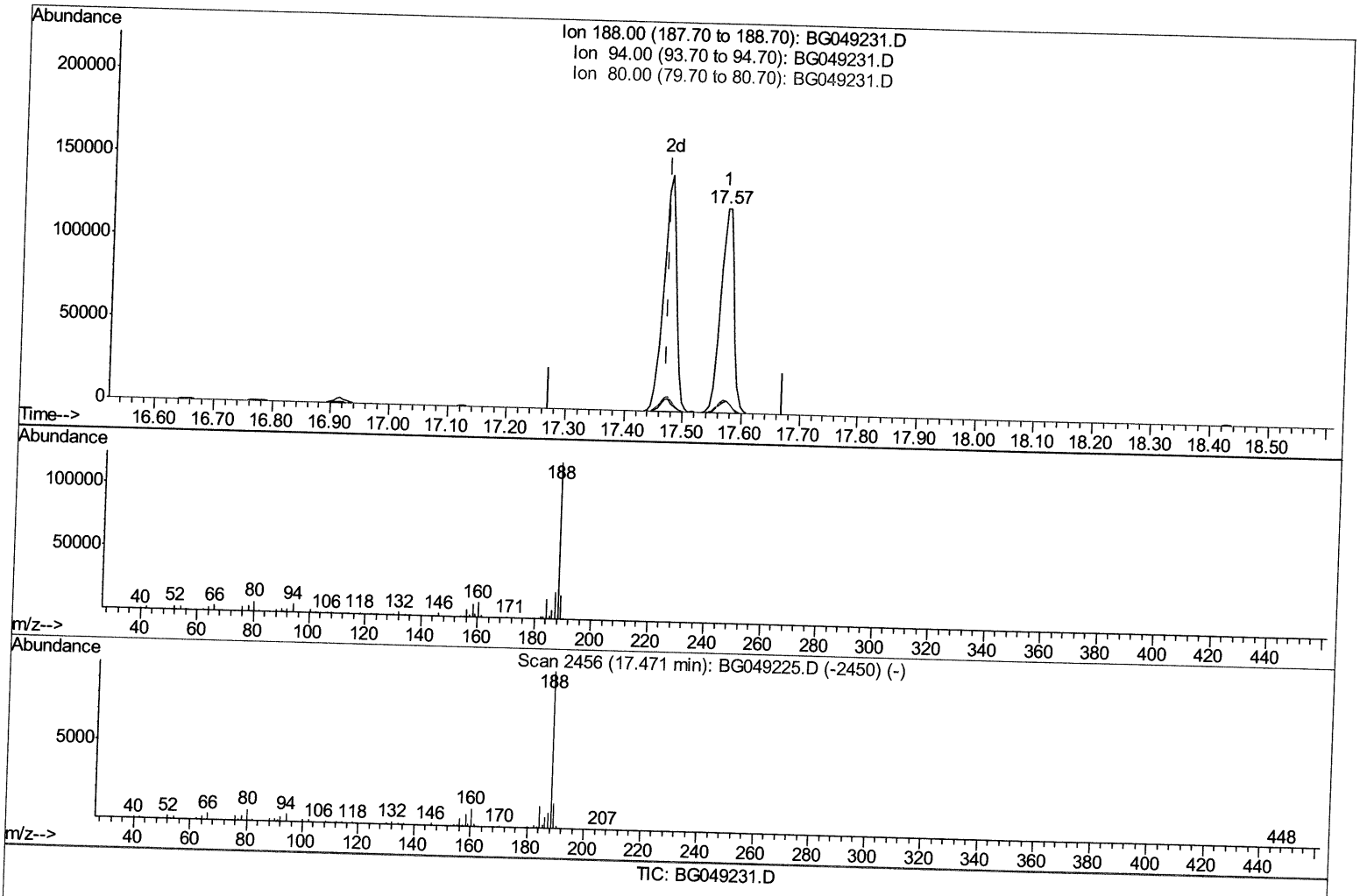

(64) Phenanthrene-d10 (I)

17.568min (+0.097) 20.00ng/ul

response 194260

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	5.43
80.00	7.20	6.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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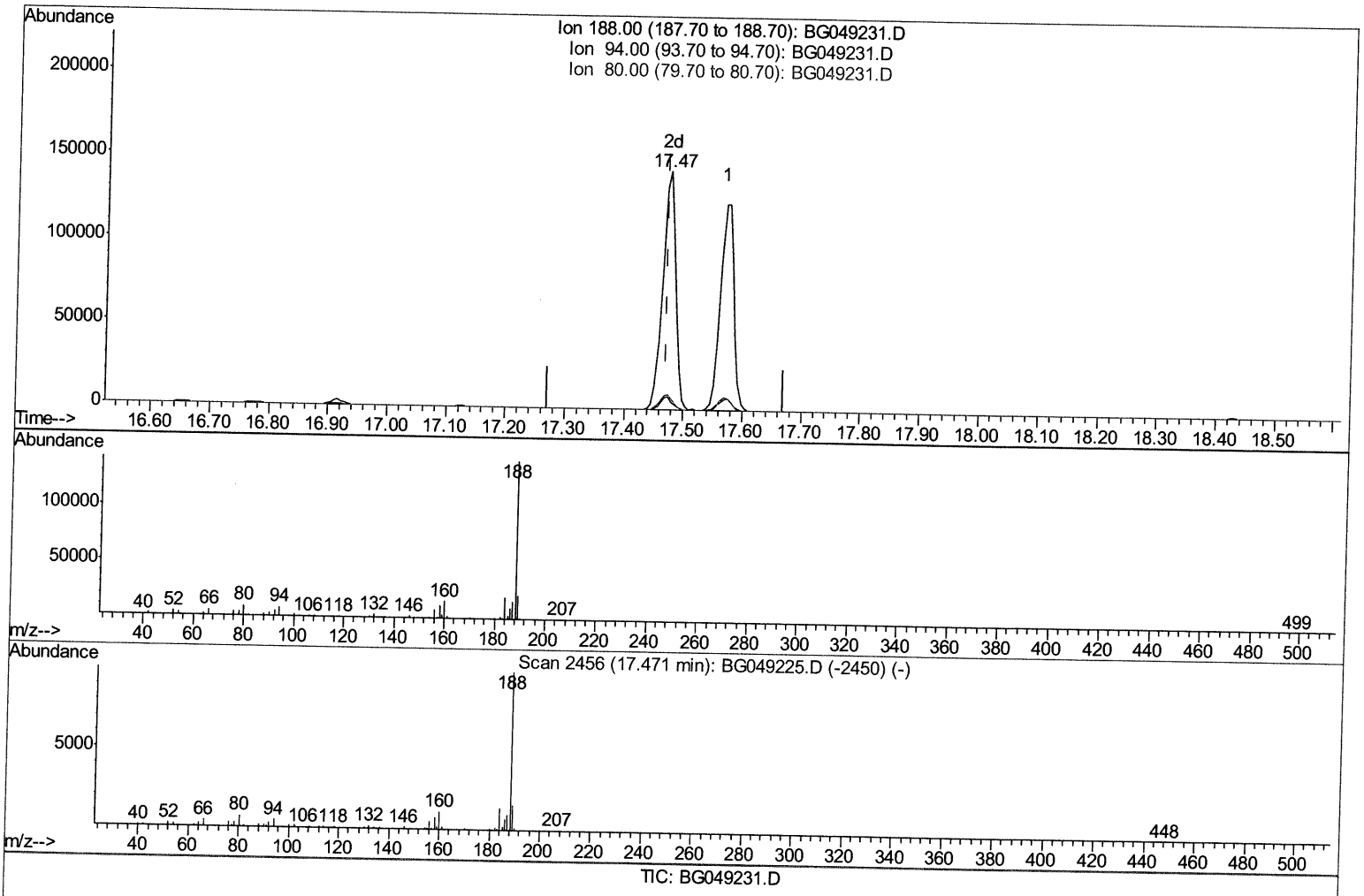

TIC: BG049231.D

(64) Phenanthrene-d10 (I)

17.474min (+0.003) 20.00ng/ul m 07/13/21 JU

response 215951

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	5.68#
80.00	7.20	6.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049231.D
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Misc :
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Quant Time: Jul 09 11:37:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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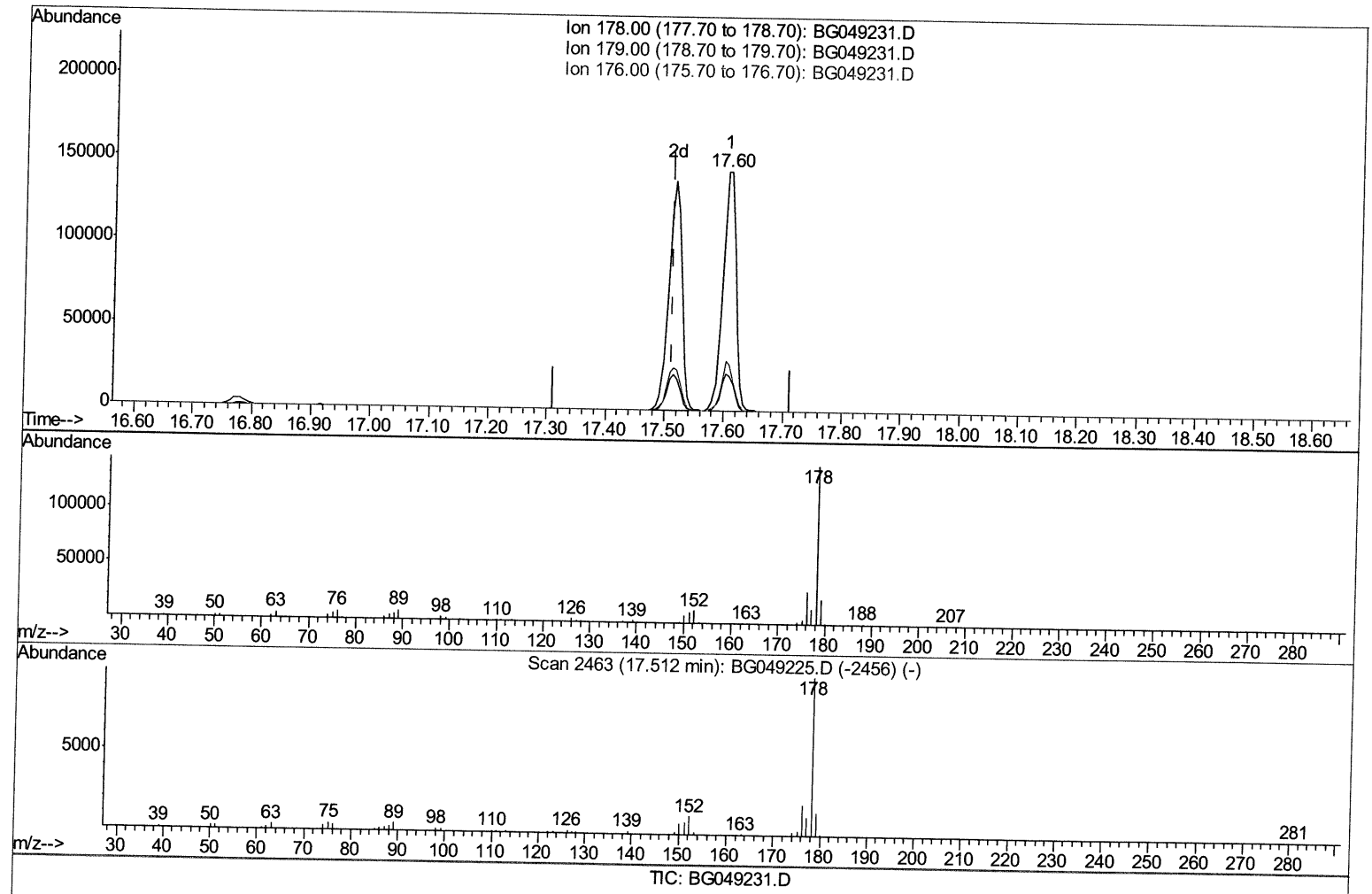

(72) Phenanthrene

17.603min (+0.091) 20.77ng/ul

response 218775

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.61
176.00	19.50	20.75
0.00	0.00	0.00

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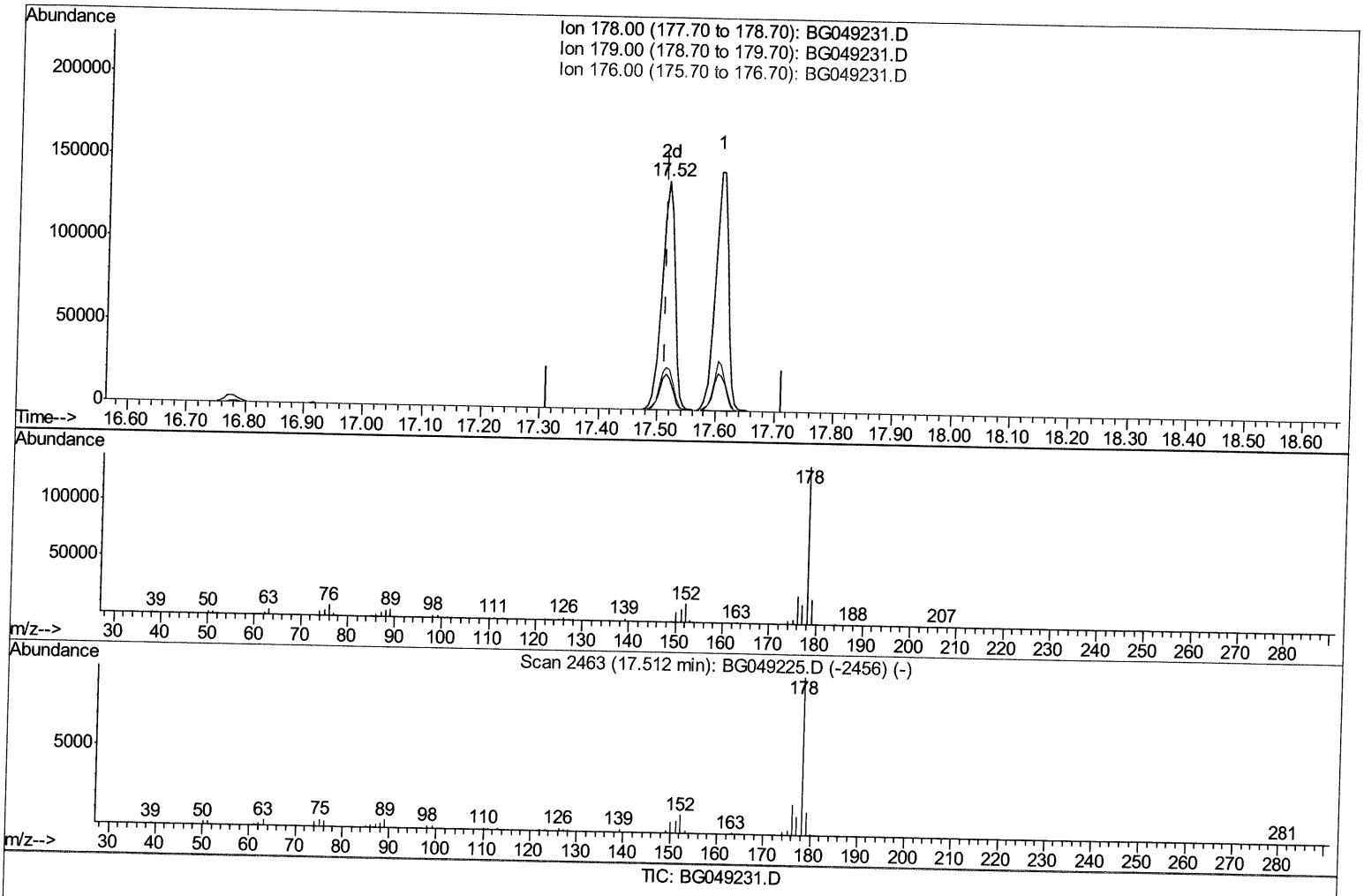

(72) Phenanthrene

17.515min (+0.003) 19.91ng/ul m 07/13/21 JU

response 209679

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.65
176.00	19.50	18.27
0.00	0.00	0.00

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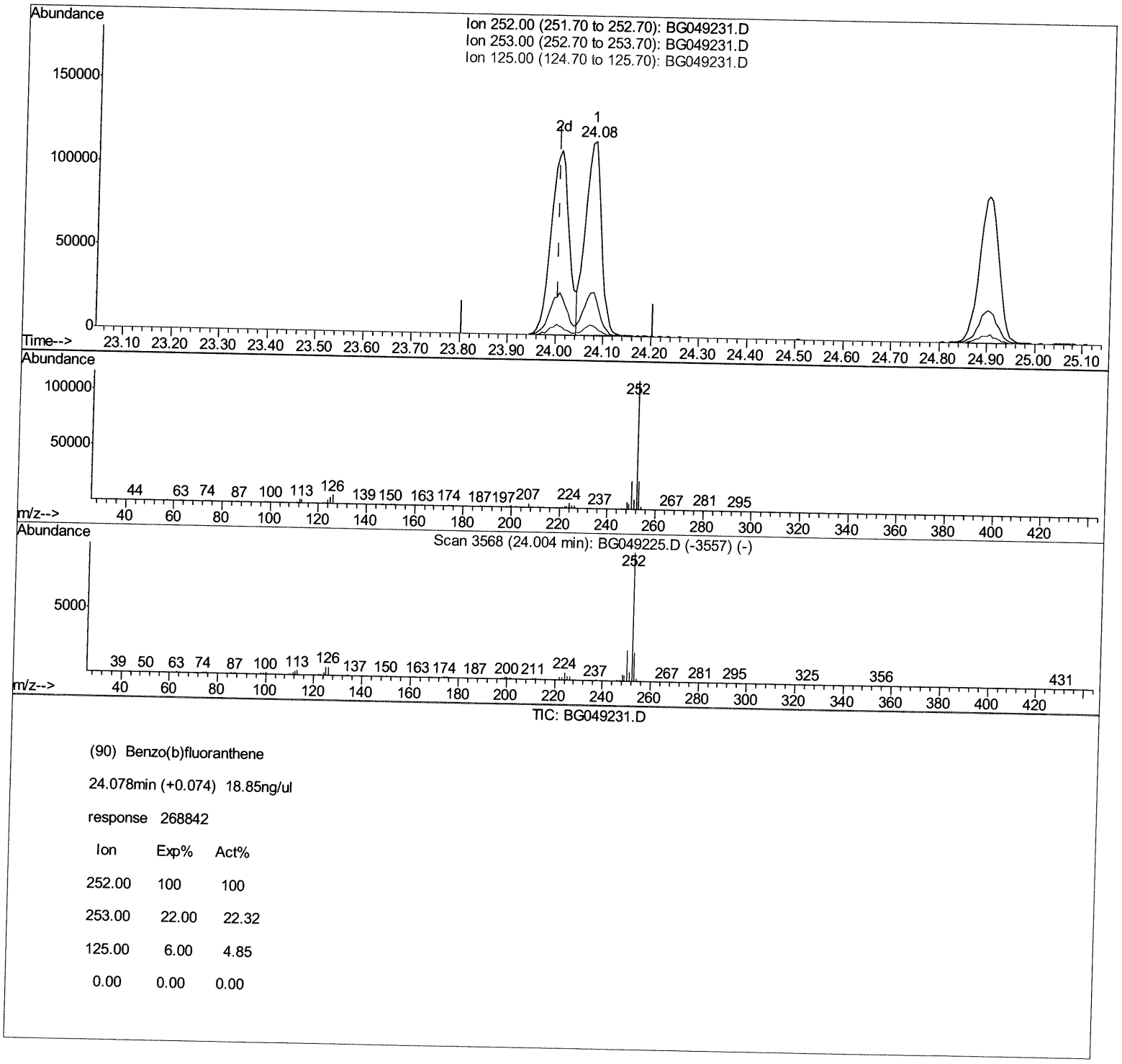

TIC: BG049231.D

(90) Benzo(b)fluoranthene

24.078min (+0.074) 18.85ng/ul

response 268842

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.32
125.00	6.00	4.85
0.00	0.00	0.00

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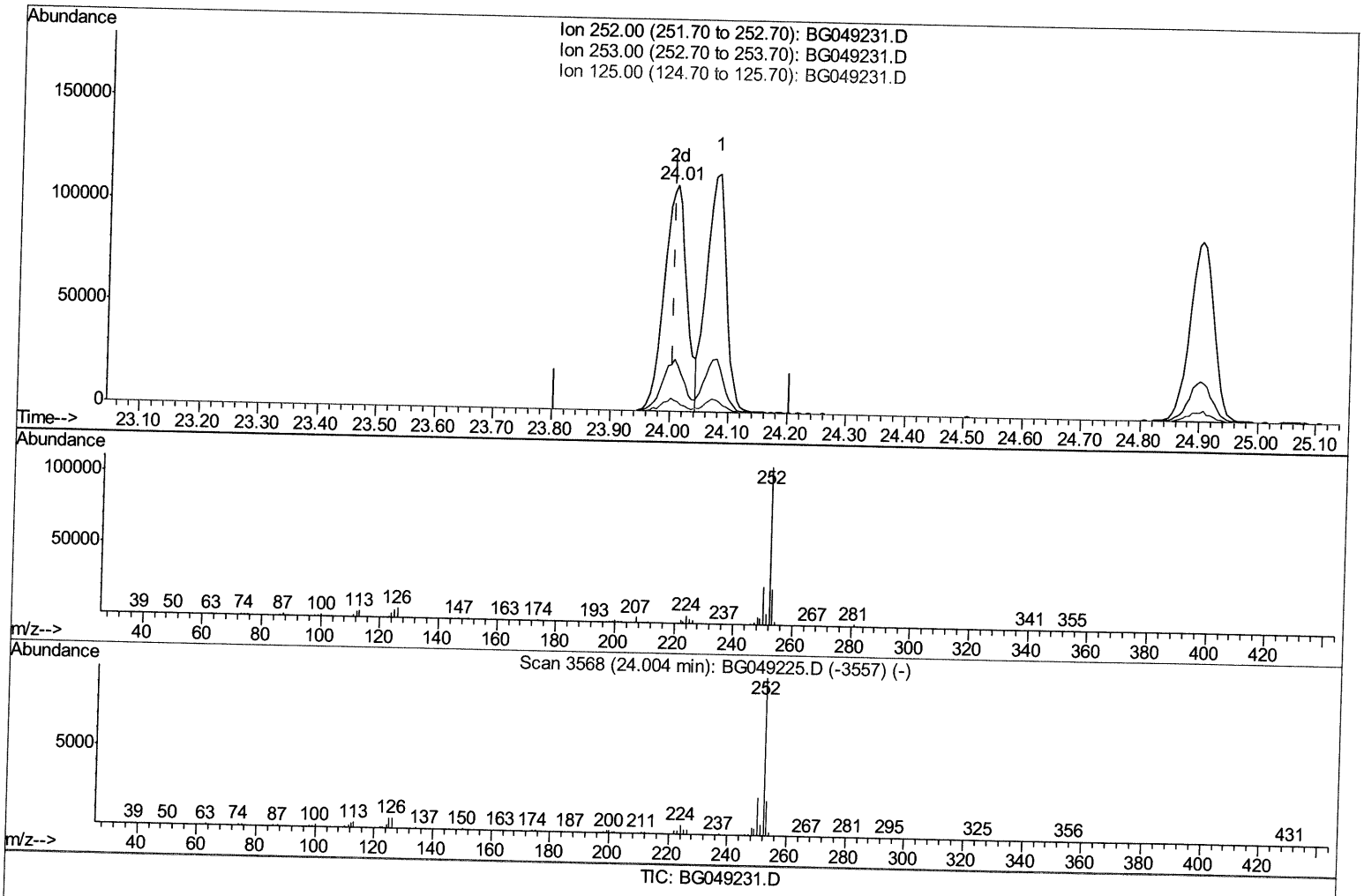

TIC: BG049231.D

(90) Benzo(b)fluoranthene

24.008min (+0.003) 20.44ng/ul m 07/13/21 JU

response 291550

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.71
125.00	6.00	4.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020201

Manual Integrations APPROVED
mohammad
7/12/2021 12:32:53 PM

Quant Time: Jul 09 11:40:44 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)
1) 1,4-Dichlorobenzene-d4	8.08	152	31233	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	128862	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	92714	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	215951m	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	222732	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	231210	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5194	7.82	ng/uL	0.00
4) Pyridine-d5	3.89	84	34588	17.72	ng/ul	0.00
7) Phenol-d5	7.23	99	52285	19.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	31193	19.80	ng/ul	0.00
11) 2-Chlorophenol-d4	7.61	132	39924	19.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	42169	19.37	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	20647	20.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	22647	19.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	45206	20.41	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	54899	19.02	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	143339	20.10	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	166704	19.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	22043	18.68	ng/ul	0.00
60) Fluorene-d10	15.72	176	119705	19.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	28135	20.50	ng/ul	0.00
73) Anthracene-d10	17.57	188	194152	19.75	ng/ul	0.00
81) Pyrene-d10	19.85	212	238548	20.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	238159	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	6414	7.932	ng/uL#	83
5) Pyridine	3.91	79	40527	18.712	ng/ul	89
6) Benzaldehyde	7.21	77	39635	24.250	ng/ul	96
8) Phenol	7.26	94	51929	19.112	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.49	93	39313	19.460	ng/ul#	84
12) 2-Chlorophenol	7.64	128	40500	19.983	ng/ul	96
13) 2-Methylphenol	8.51	108	39971	19.313	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.60	45	65498	20.157	ng/ul	97
16) Acetophenone	8.90	105	70426	19.723	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.88	70	36669	20.211	ng/ul	97
18) 4-Methylphenol	8.84	108	42286	19.640	ng/ul	93
19) Hexachloroethane	9.17	117	17542	19.116	ng/ul	98
22) Nitrobenzene	9.28	77	55046	19.740	ng/ul#	96
23) Isophorone	9.81	82	97607	20.263	ng/ul	99
25) 2-Nitrophenol	10.00	139	22986	19.849	ng/ul	99
26) 2,4-Dimethylphenol	10.06	107	50900	19.850	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.29	93	51181	19.929	ng/ul	92
29) 2,4-Dichlorophenol	10.54	162	40002	19.765	ng/ul#	87
30) Naphthalene	10.95	128	129996	20.233	ng/ul	97
32) 4-Chloroaniline	11.05	127	56116	19.719	ng/ul	97
33) Hexachlorobutadiene	11.23	225	34598	20.159	ng/ul	97
34) Caprolactam	11.82	113	12938m	18.377	ng/ul	97

07/13/21 JU

07/13/21 JU

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049231.D
Acq On : 9 Jul 2021 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	46270	20.467 ng/ul	91
36) 2-Methylnaphthalene	12.55	142	97744	20.024 ng/ul	89
37) 1-Methylnaphthalene	12.77	142	100110	20.623 ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	59262	20.351 ng/ul#	95
40) Hexachlorocyclopentadiene	12.90	237	36251	18.744 ng/ul	98
41) 2,4,6-Trichlorophenol	13.16	196	37750	20.040 ng/ul	95
42) 2,4,5-Trichlorophenol	13.23	196	38265	19.099 ng/ul	93
43) 1,1'-Biphenyl	13.56	154	128272	20.478 ng/ul	99
44) 2-Chloronaphthalene	13.60	162	97969	19.963 ng/ul	98
45) 2-Nitroaniline	13.80	65	34805	19.344 ng/ul	95
47) Dimethylphthalate	14.17	163	131298	19.839 ng/ul#	99
48) 2,6-Dinitrotoluene	14.29	165	28305	19.859 ng/ul	93
50) Acenaphthylene	14.44	152	149374	20.076 ng/ul	98
51) 3-Nitroaniline	14.62	138	26570	20.472 ng/ul	91
52) Acenaphthene	14.79	153	108518	20.083 ng/ul	96
53) 2,4-Dinitrophenol	14.83	184	15611	17.282 ng/ul#	88
55) 4-Nitrophenol	14.92	109	28188	18.920 ng/ul	96
56) Dibenzofuran	15.12	168	154055	20.117 ng/ul	94
57) 2,4-Dinitrotoluene	15.08	165	40712	19.794 ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.35	232	37459	19.938 ng/ul	95
59) Diethylphthalate	15.53	149	139093	19.552 ng/ul	98
61) Fluorene	15.77	166	132618	20.462 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.76	204	71196	19.982 ng/ul	98
63) 4-Nitroaniline	15.78	138	27565	21.634 ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.84	198	25281	19.354 ng/ul#	97
67) N-Nitrosodiphenylamine	15.97	169	110049	20.016 ng/ul	96
68) 4-Bromophenyl-phenylether	16.66	248	48176	20.002 ng/ul	96
69) Hexachlorobenzene	16.77	284	52719	19.327 ng/ul	97
70) Atrazine	16.92	200	50272	19.979 ng/ul	96
71) Pentachlorophenol	17.12	266	29526	18.136 ng/ul	97
72) Phenanthrene	17.52	178	209679m >	19.907 ng/ul>	07/13/21 JU
74) Anthracene	17.60	178	218532	20.310 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	58936	20.005 ng/uL	99
76) Pentachlorobenzene	15.04	250	63362	20.274 ng/uL	98
77) Carbazole	17.87	167	191256	19.926 ng/ul	99
78) Di-n-butylphthalate	18.43	149	236412	19.686 ng/ul	98
80) Fluoranthene	19.52	202	272190	20.501 ng/ul	99
82) Pyrene	19.88	202	274697	20.765 ng/ul	98
83) Butylbenzylphthalate	20.76	149	104960	20.210 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.65	252	106919	20.546 ng/ul#	97
85) Benzo(a)anthracene	21.74	228	273514	19.982 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	148463	19.599 ng/ul	100
87) Chrysene	21.80	228	257039	19.853 ng/ul	99
89) Di-n-octyl phthalate	22.87	149	251822	19.349 ng/ul	100
90) Benzo(b)fluoranthene	24.01	252	291550m >	20.440 ng/ul >	07/13/21 JU
91) Benzo(k)fluoranthene	24.08	252	268842	19.331 ng/ul	96
93) Benzo(a)pyrene	24.90	252	249650	19.889 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.83	276	320288	19.776 ng/ul	97
95) Dibenzo(a,h)anthracene	28.89	278	269825	20.115 ng/ul#	94
96) Benzo(g,h,i)perylene	30.01	276	265784	19.849 ng/ul	96

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

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

Instrument :
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