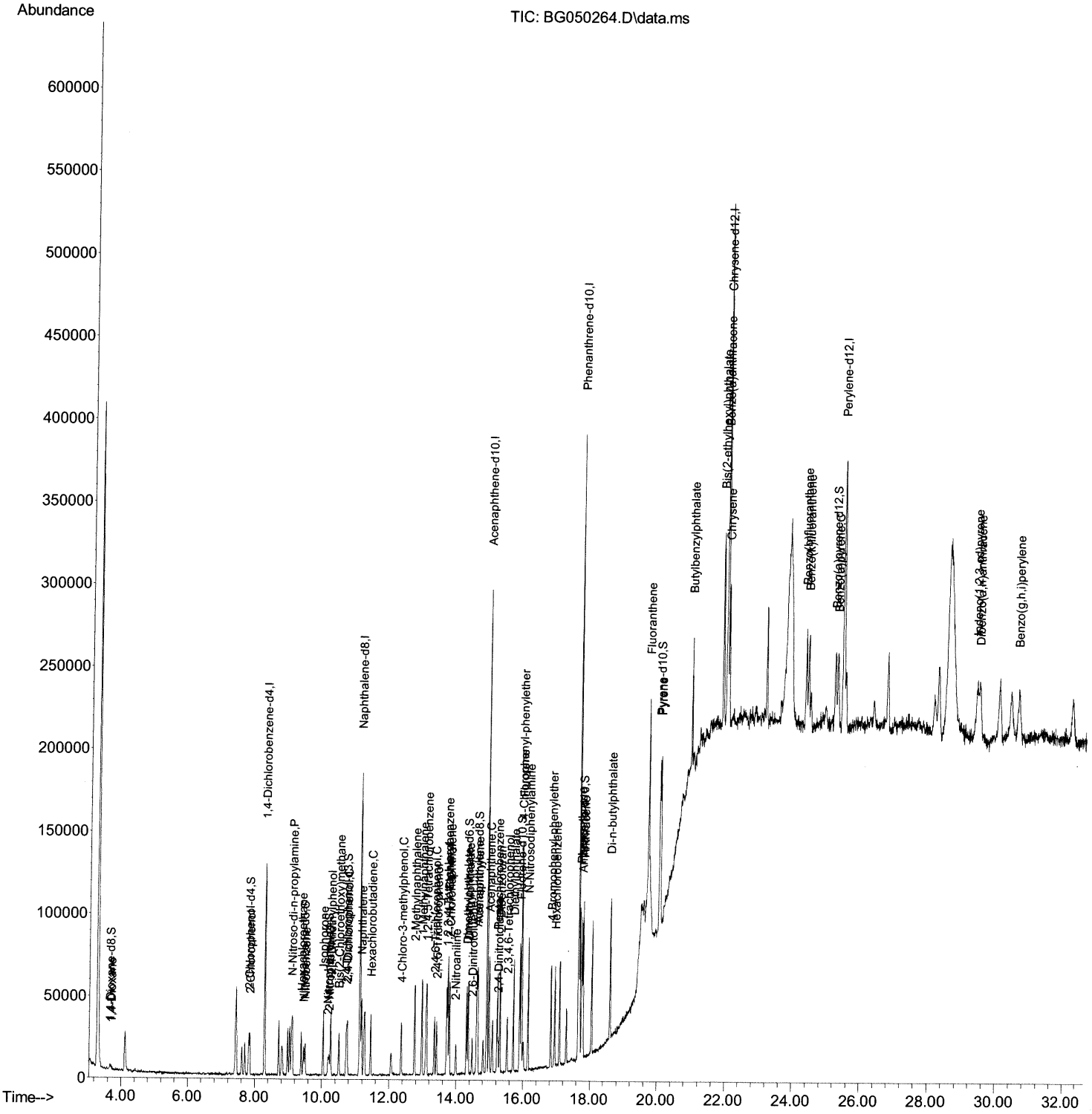
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
mohammad
9/28/2021 1:38:57 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
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Quant Time: Sep 27 02:04:09 2021
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
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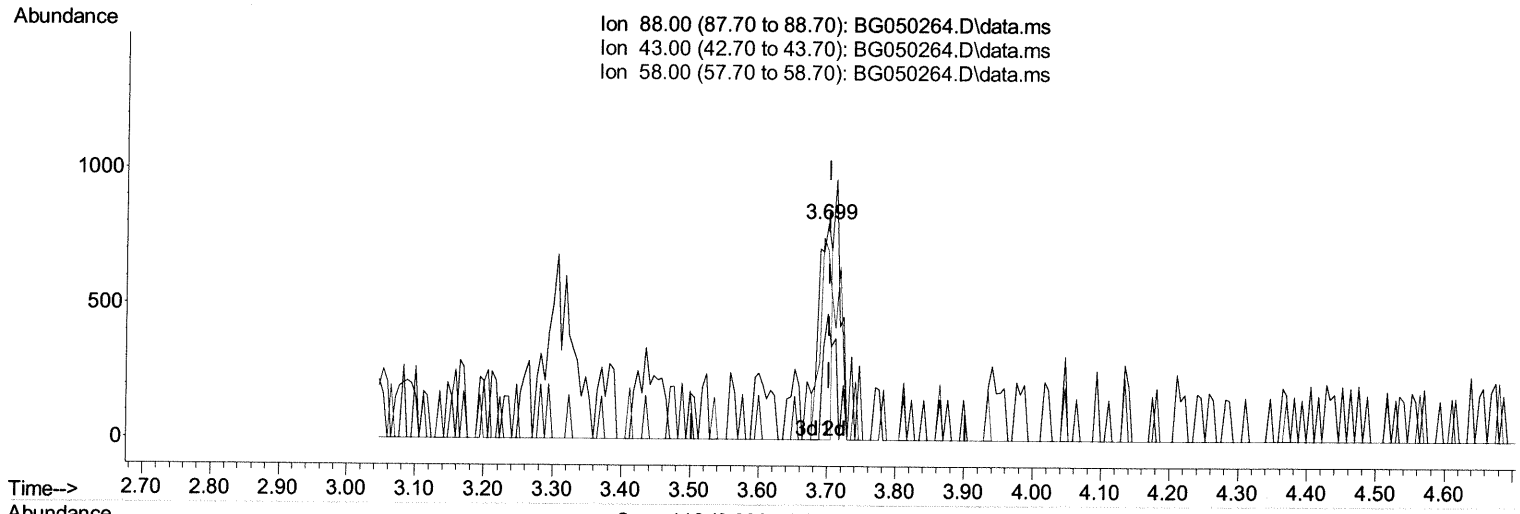
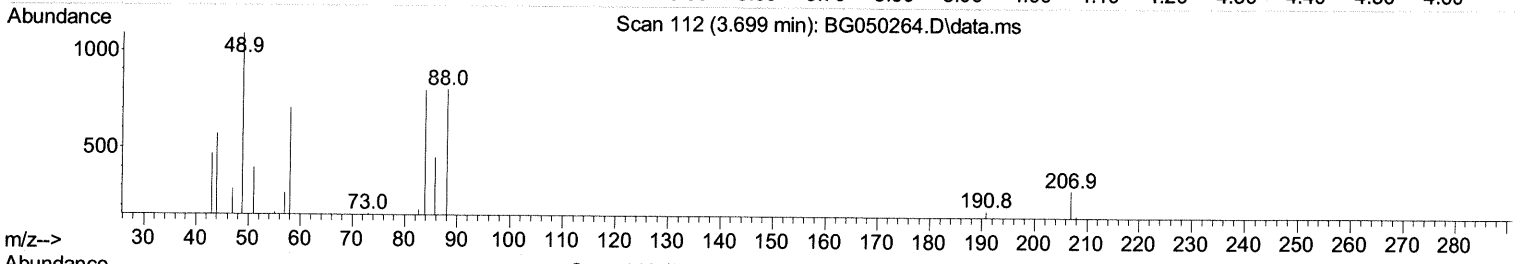
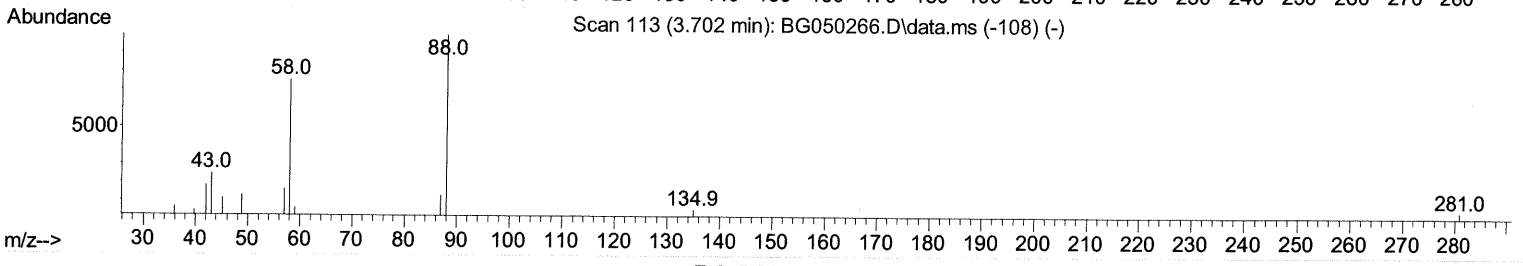
Manual Integrations APPROVED
mohammad
9/28/2021 1:38:57 PM







TIC: BG050264.D\data.ms

(2) 1,4-Dioxane

3.699min (-0.003) 1.35 ng/uL

response 1099

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	58.35#
58.00	65.00	87.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
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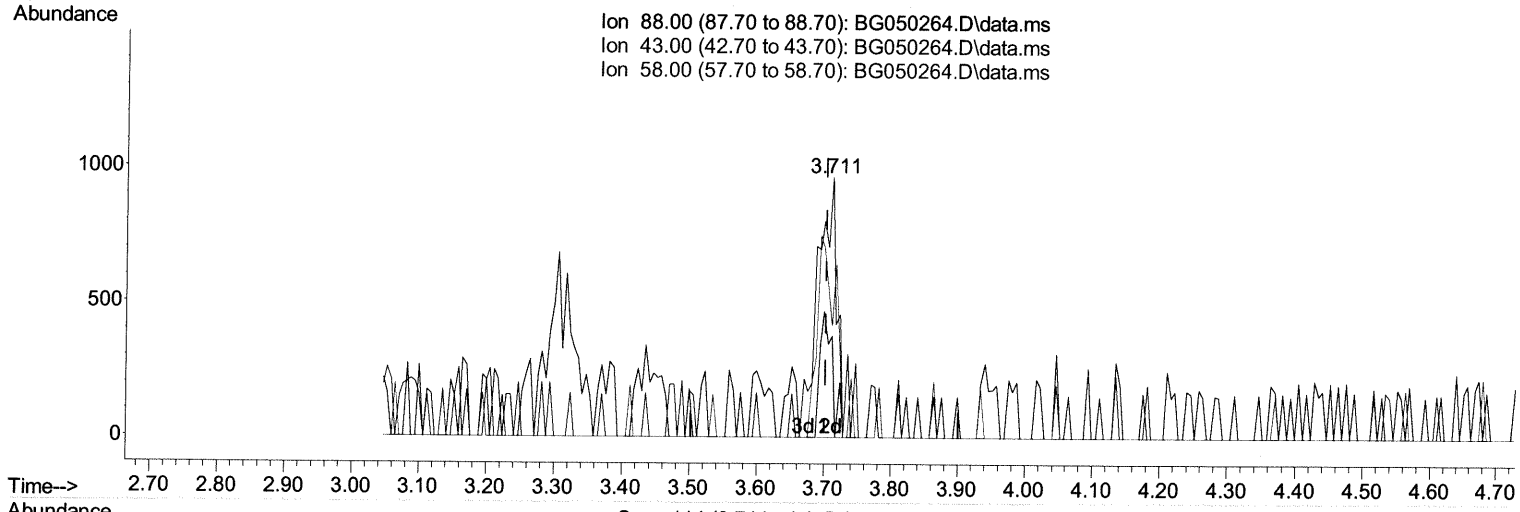

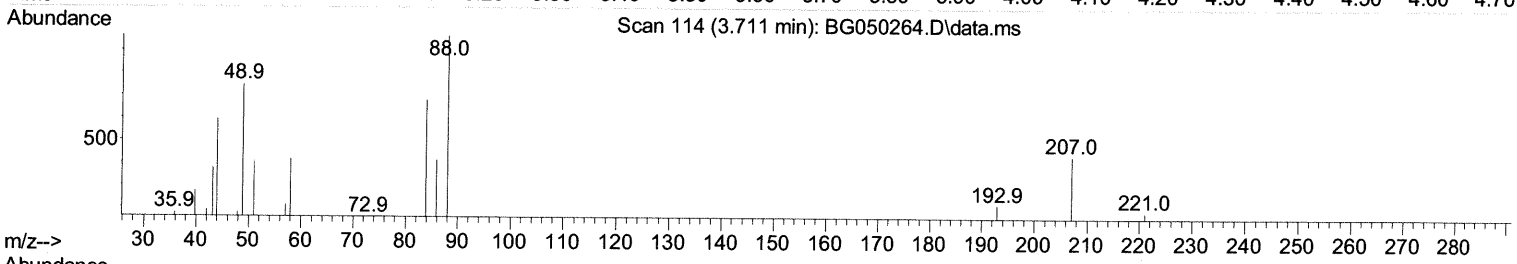

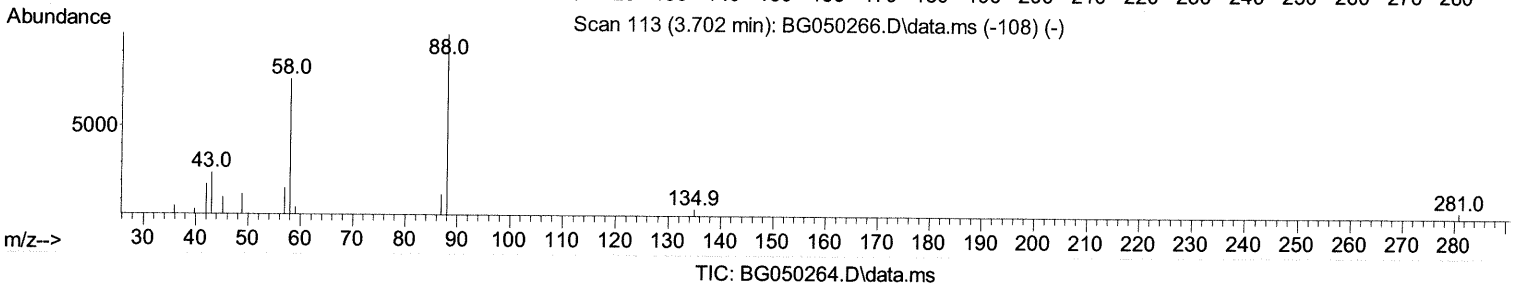

TIC: BG050264.D\data.ms

(2) 1,4-Dioxane

3.711min (+ 0.009) 2.31 ng/uL m 09/29/21 JU

response 1886

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	39.07#
58.00	65.00	43.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
mohammad
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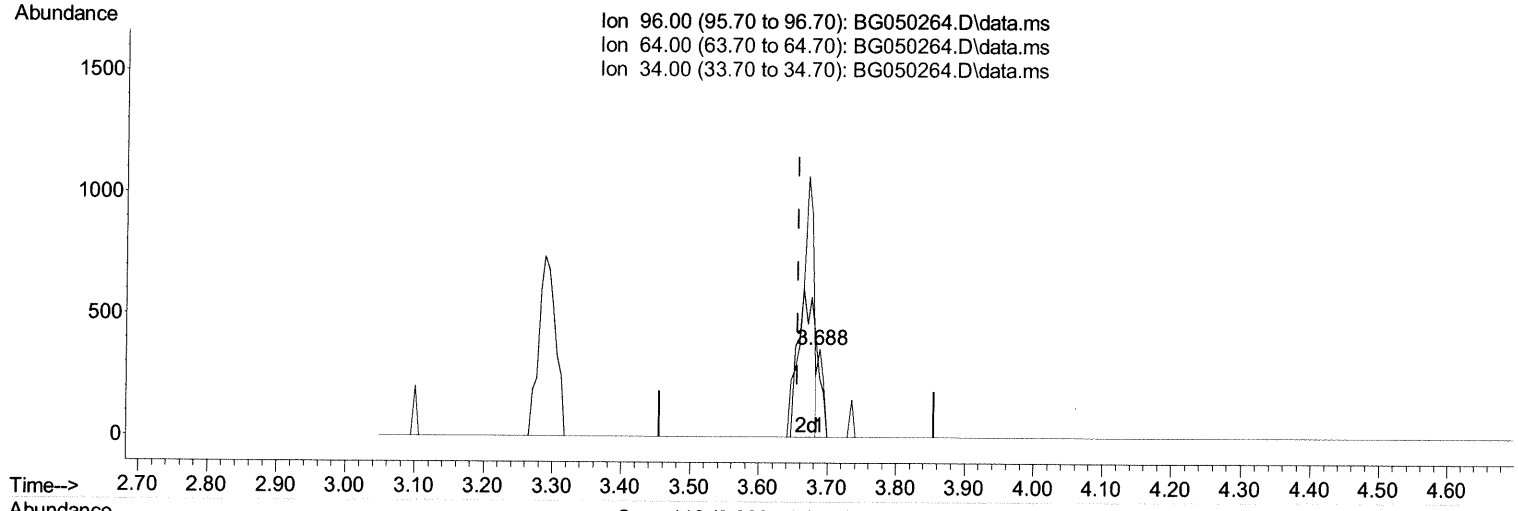

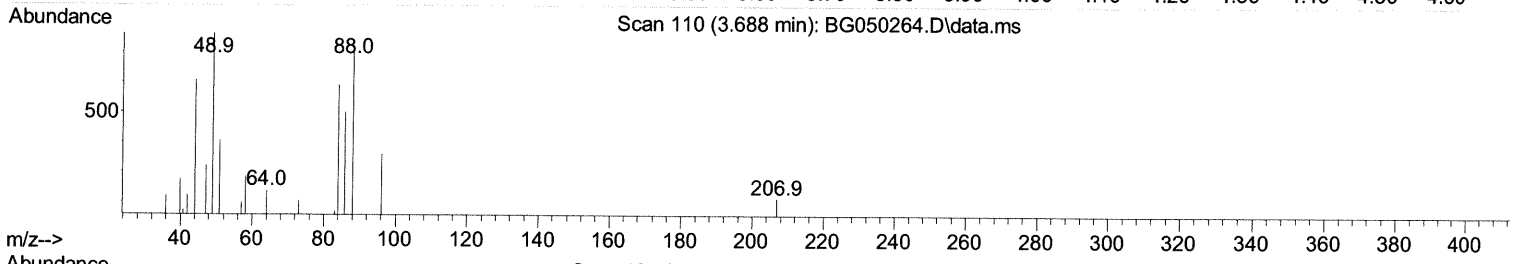

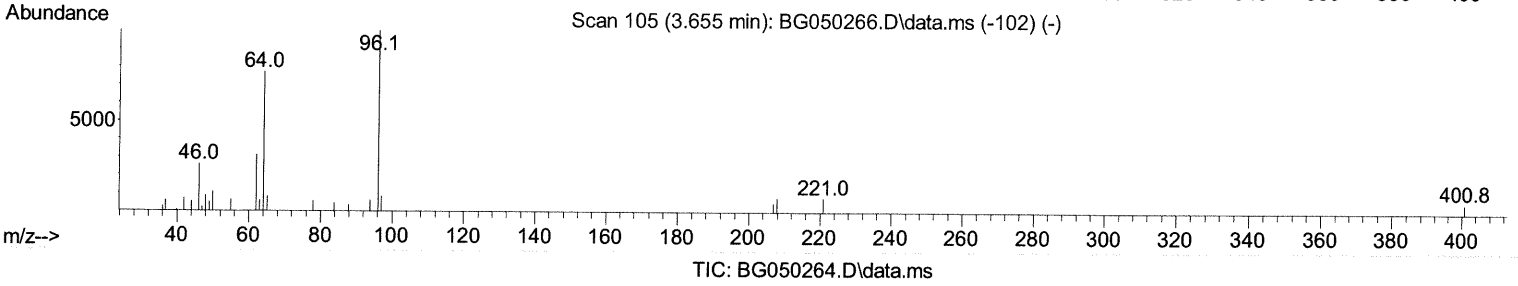

TIC: BG050264.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.688min (+ 0.032) 0.32 ng/uL

response 211

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	66.20
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
mohammad
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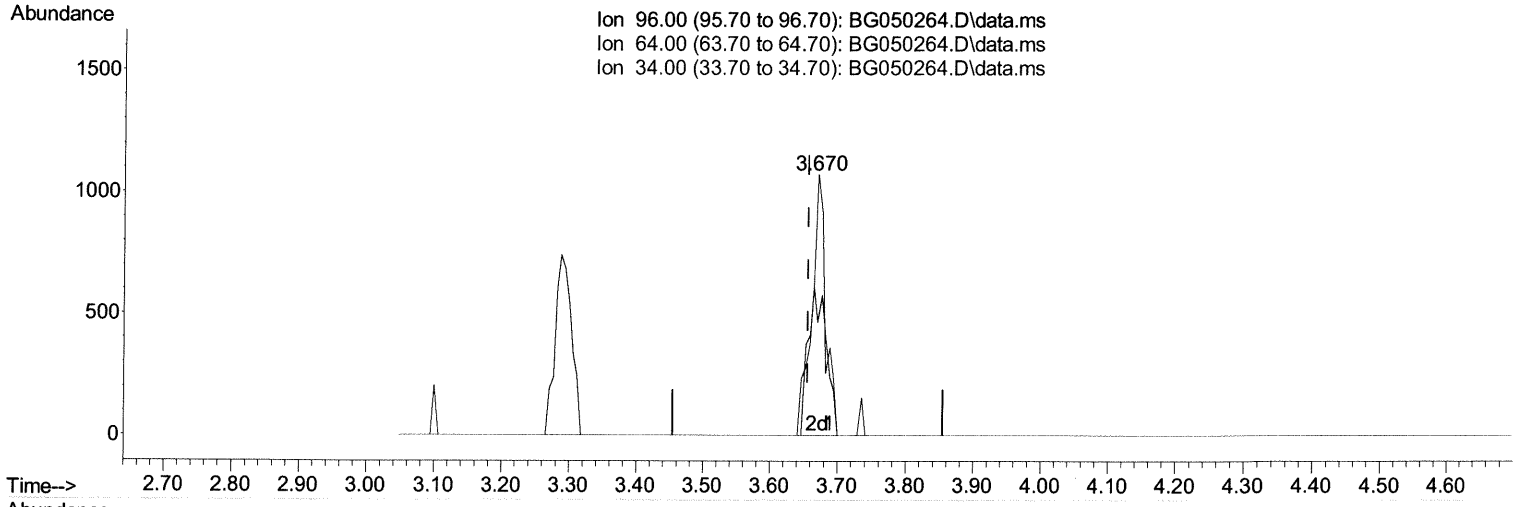

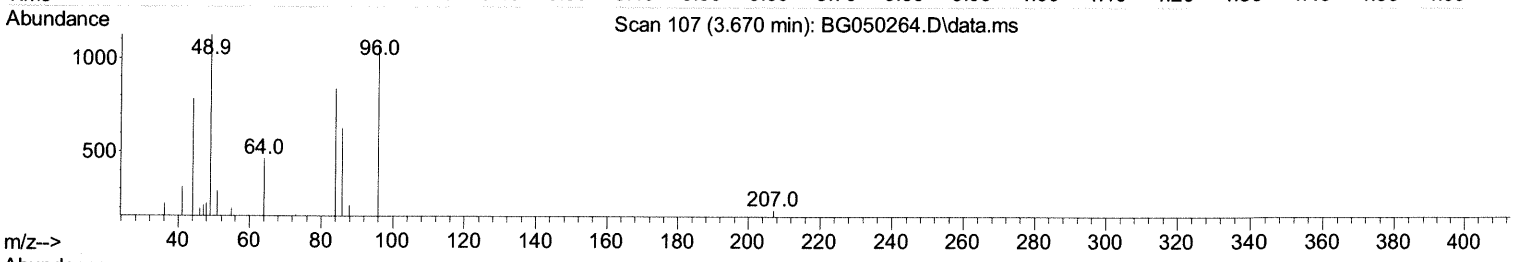

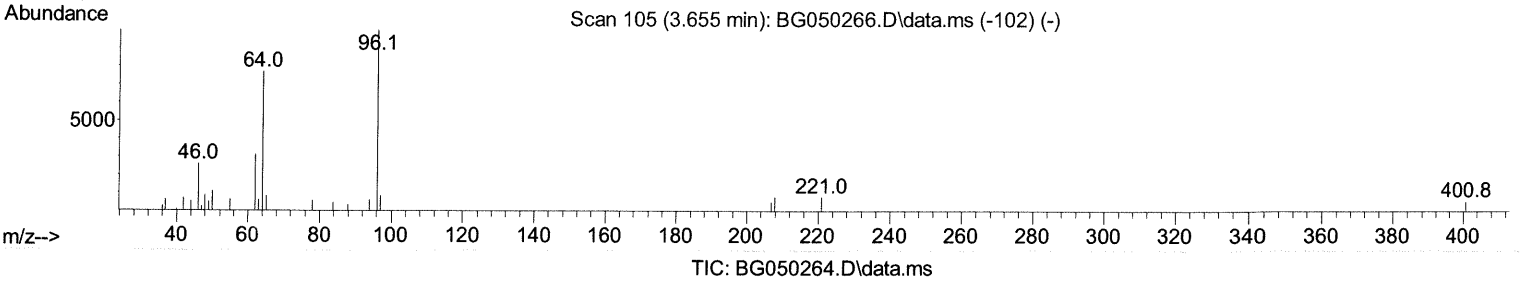

TIC: BG050264.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.670min (+ 0.015) 2.30 ng/uL m 09/29/21 JU

response 1537

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	43.38#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
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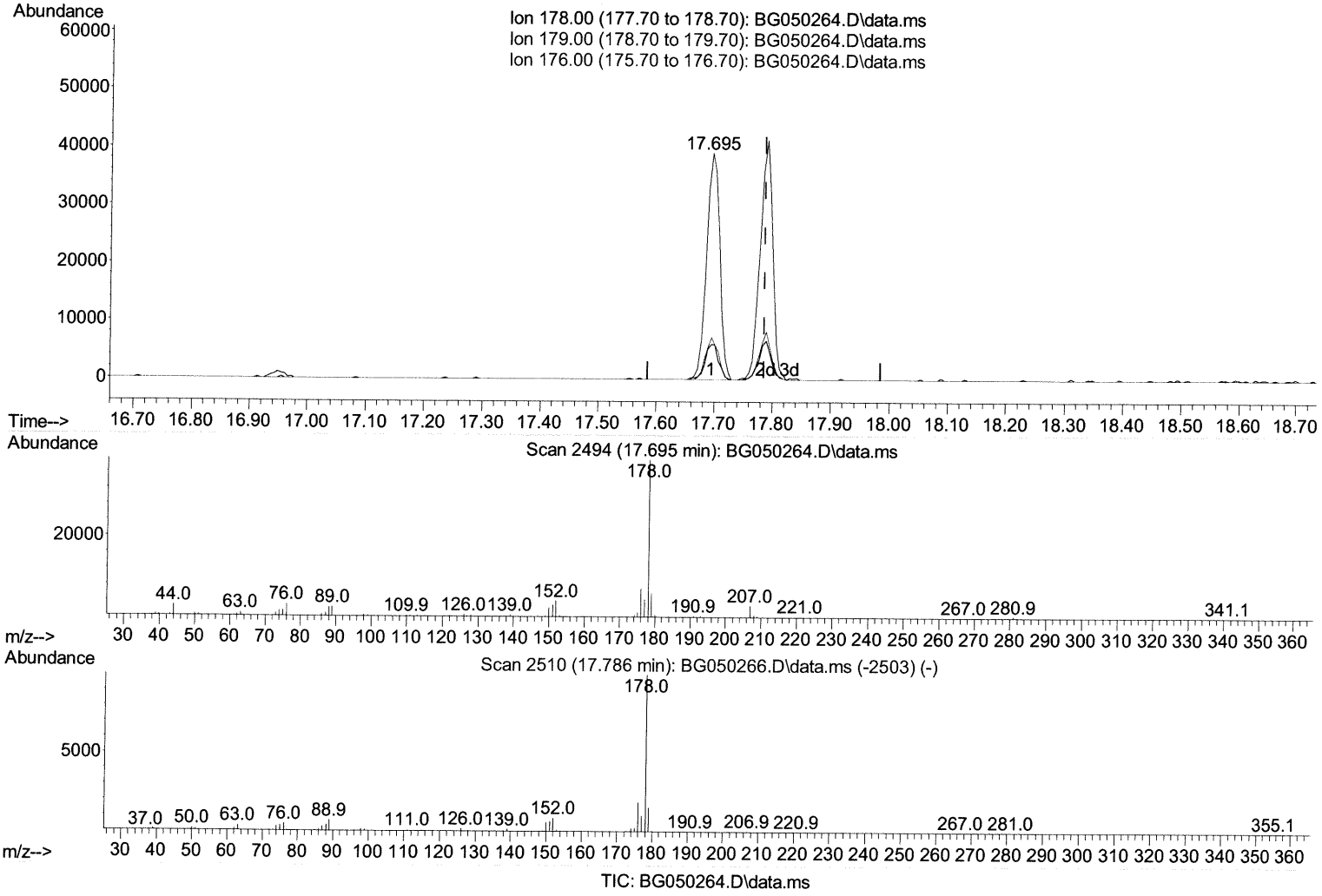

TIC: BG050264.D\data.ms

(74) Anthracene

17.695min (-0.091) 4.97 ng/ul

response 61672

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	15.58
176.00	16.00	18.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
mohammad
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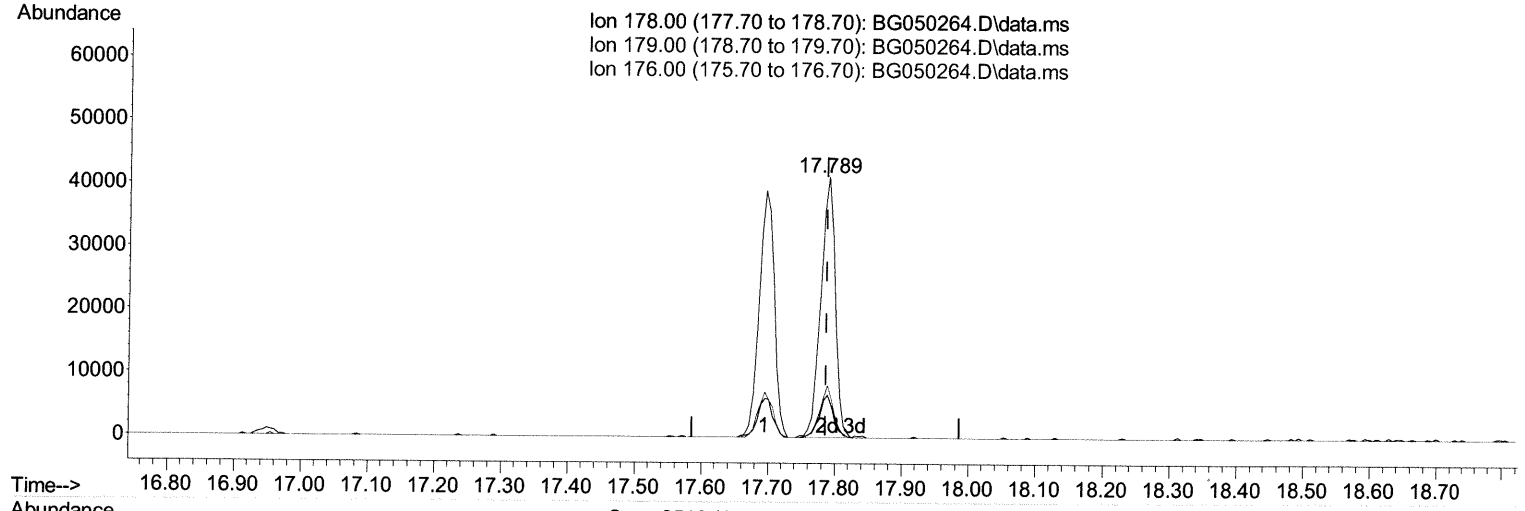

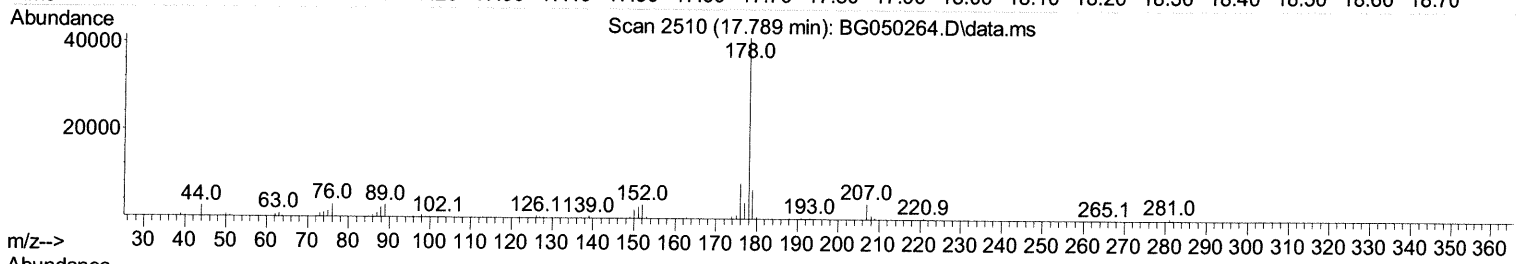

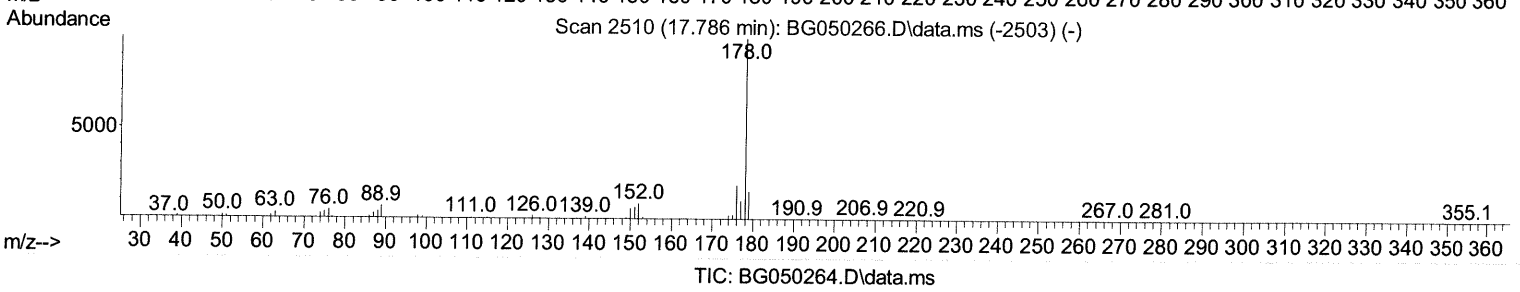

TIC: BG050264.D\data.ms

(74) Anthracene

17.789min (+ 0.003) 4.96 ng/ul m 09/29/21 JU

response 61572

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	16.26
176.00	16.00	19.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
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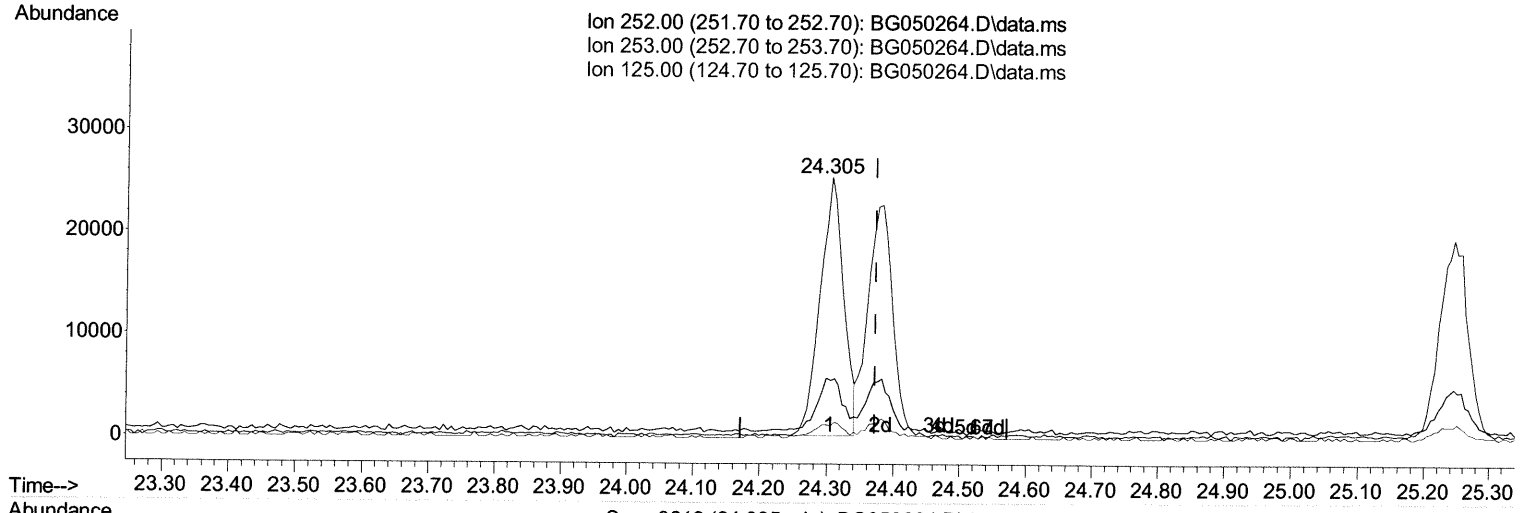

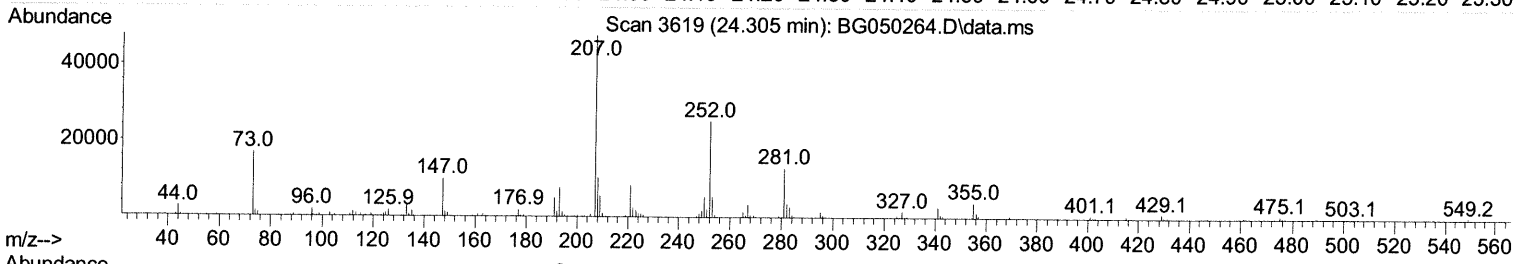

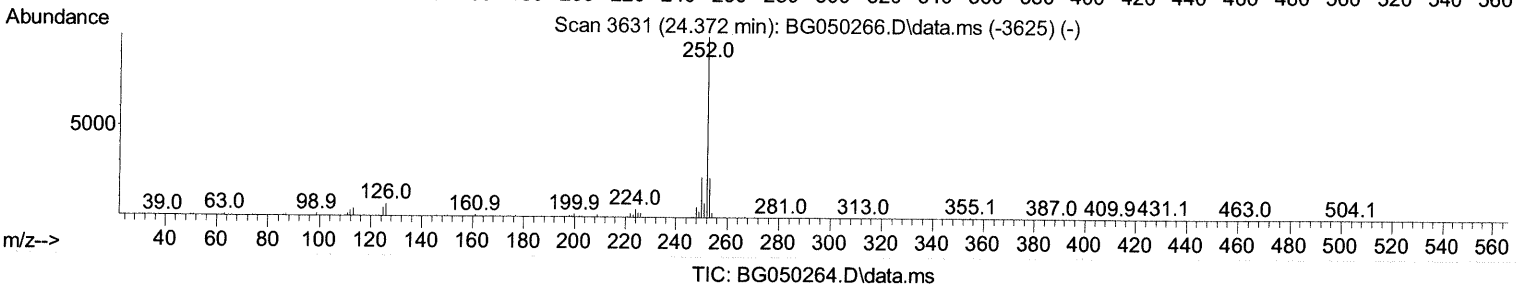

TIC: BG050264.D\data.ms

(91) Benzo(k)fluoranthene

24.305min (-0.067) 4.98 ng/ul

response 61763

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.95
125.00	5.10	4.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
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Misc :
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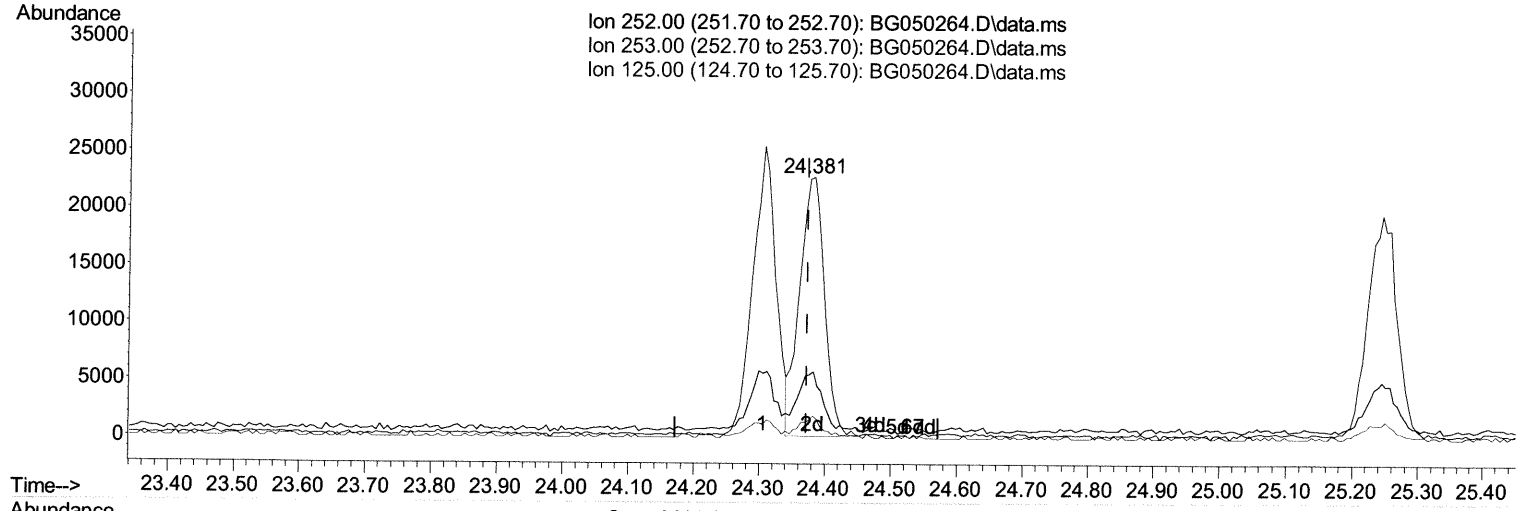
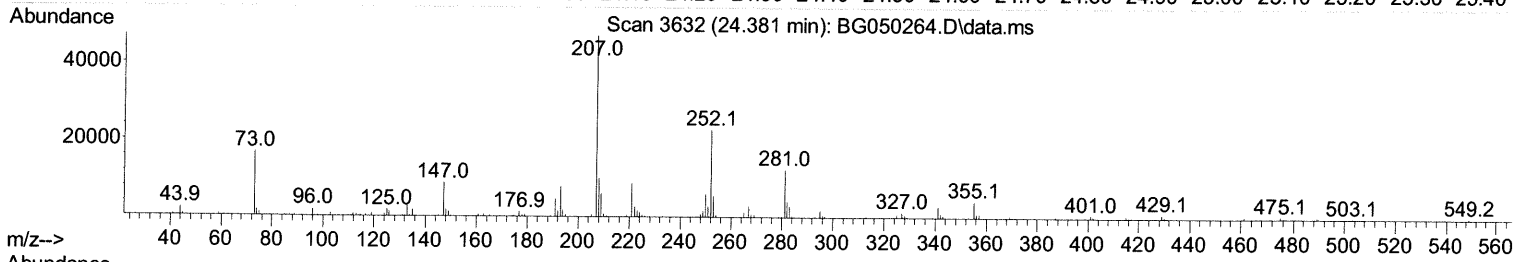
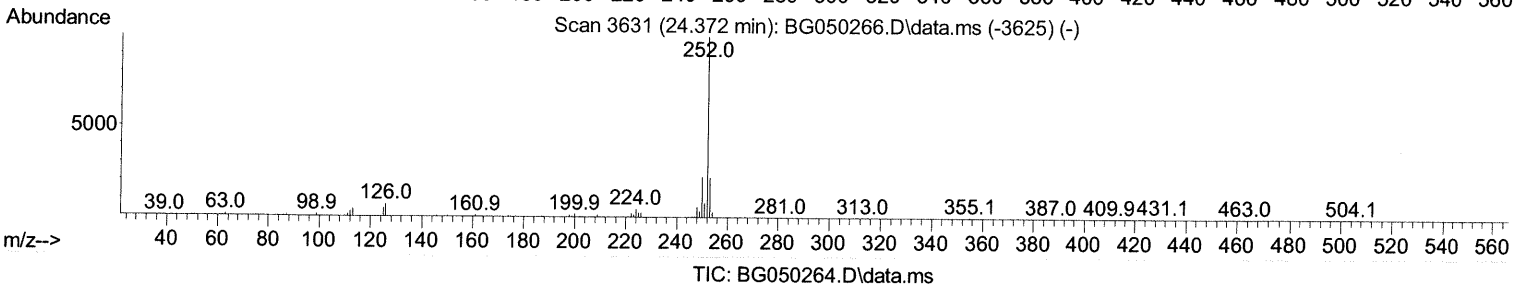
BNA_G
ClientSampleId :
SSTD005433

Manual Integrations APPROVED
mohammad
9/28/2021 1:38:57 PM







TIC: BG050264.D\data.ms

(91) Benzo(k)fluoranthene

24.381min (+ 0.009) 4.79 ng/ul m 09/29/21 JU

response 59364

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	25.45
125.00	5.10	8.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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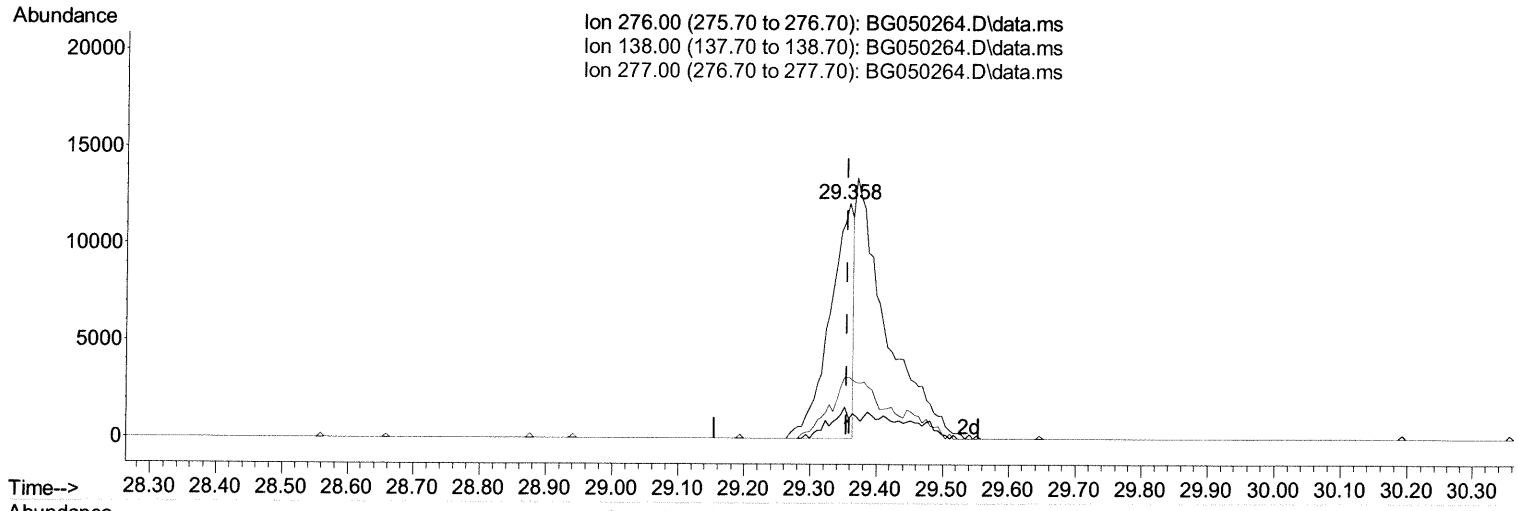

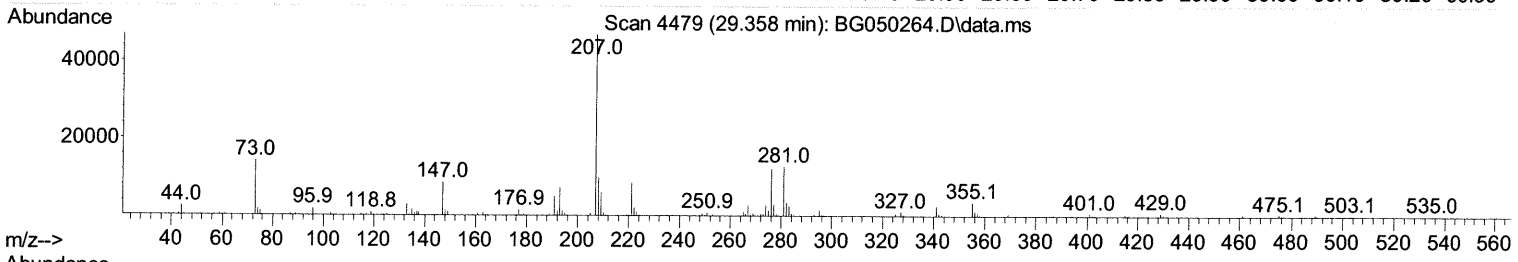

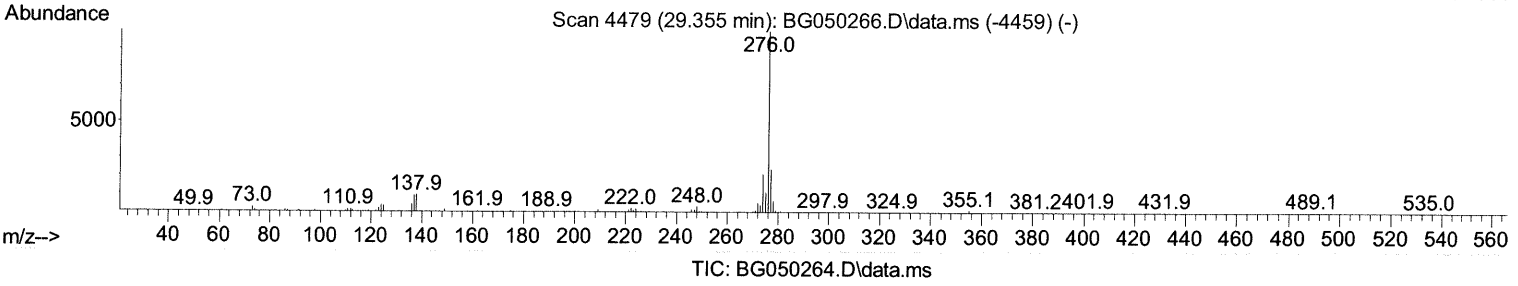

TIC: BG050264.D\data.ms

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

29.358min (+ 0.003) 2.05 ng/ul

response 30657

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	8.17
277.00	23.20	26.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
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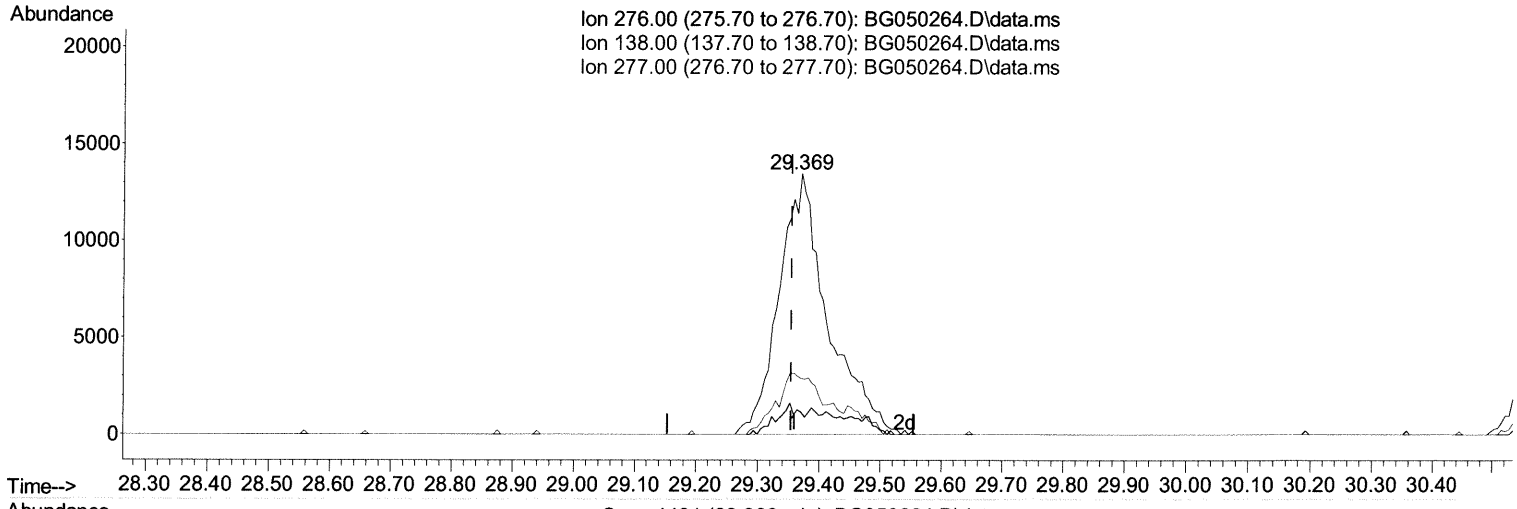
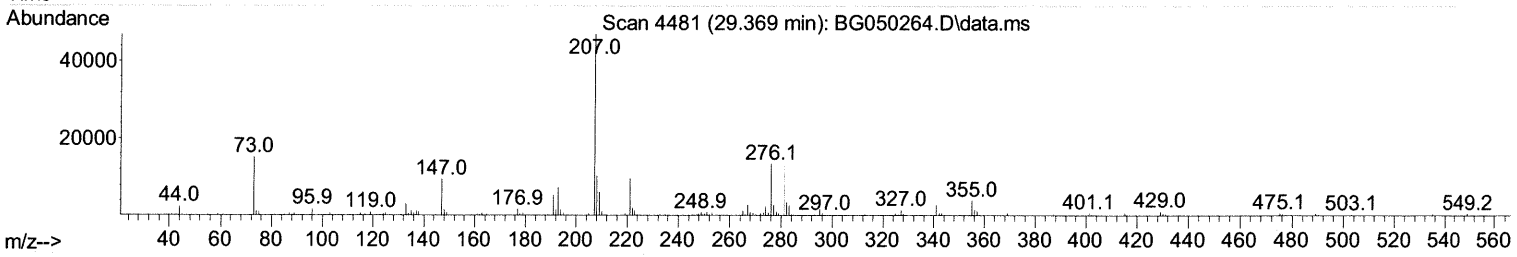
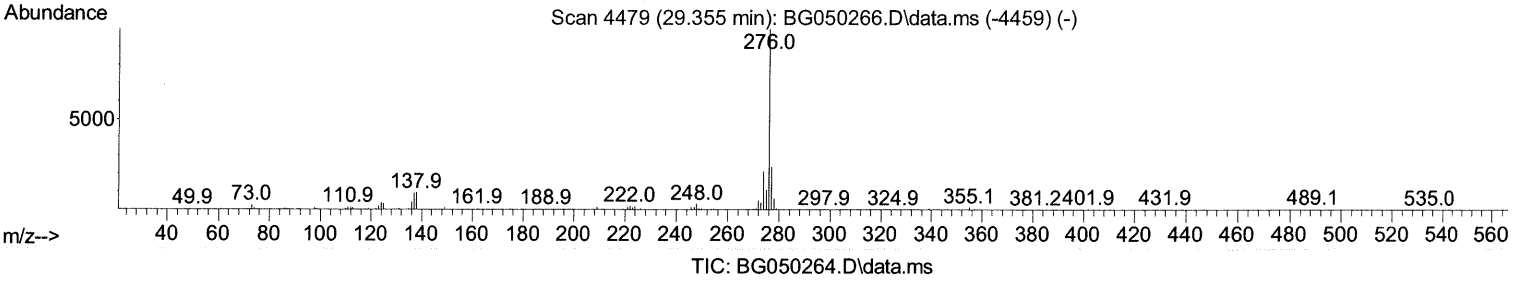
Manual Integrations APPROVED
mohammad
9/28/2021 1:38:57 PM







TIC: BG050264.D\data.ms

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

29.369min (+ 0.015) 4.94 ng/ul m 09/29/21 JU

response 73803

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	8.44#
277.00	23.20	21.46
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
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Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD005433

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	34490	20.000	ng/ul	0.00
20) Naphthalene-d8	11.120	136	147487	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.910	164	106971	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.654	188	245594	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.960	240	197946	20.000	ng/ul	0.00
88) Perylene-d12	25.415	264	203836	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.670	96	1537m	> 2.298	ng/uL	> 0.01 09/29/21 JU
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.824	132	9104	4.154	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.463	128	4156	3.635	ng/ul	0.00
24) 2-Nitrophenol-d4	10.186	143	3906	2.869	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.727	165	11385	4.688	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.311	166	34884	4.261	ng/ul	0.00
49) Acenaphthylene-d8	14.610	160	45632	4.754	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.897	176	32687	4.709	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.754	188	53210	4.825	ng/ul	0.00
81) Pyrene-d10	20.022	212	55131	5.154	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.174	264	53427	4.941	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	1886m	> 2.313	ng/uL	> 09/29/21 JU
12) 2-Chlorophenol	7.853	128	10798	4.986	ng/ul#	83
17) N-Nitroso-di-n-propyla...	9.105	70	9678	5.124	ng/ul	96
19) Hexachloroethane	9.393	117	4522	4.772	ng/ul#	84
22) Nitrobenzene	9.504	77	11326	3.656	ng/ul	97
23) Isophorone	10.039	82	27440	4.971	ng/ul#	91
25) 2-Nitrophenol	10.221	139	4183	3.160	ng/ul#	72
26) 2,4-Dimethylphenol	10.268	107	13488	4.585	ng/ul	86
27) Bis(2-Chloroethoxy)met...	10.509	93	14950	5.244	ng/ul	97
29) 2,4-Dichlorophenol	10.756	162	10398	4.665	ng/ul	98
30) Naphthalene	11.173	128	37437	5.078	ng/ul#	95
33) Hexachlorobutadiene	11.455	225	9098	5.046	ng/ul#	79
35) 4-Chloro-3-methylphenol	12.366	107	11309	4.245	ng/ul	97
36) 2-Methylnaphthalene	12.759	142	25583	4.669	ng/ul	95
37) 1-Methylnaphthalene	12.971	142	26735	4.833	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.112	216	16802	5.348	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.347	196	8612	4.301	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.417	196	9674	4.610	ng/ul#	92
43) 1,1'-Biphenyl	13.746	154	37088	4.963	ng/ul	98
44) 2-Chloronaphthalene	13.794	162	28587	4.762	ng/ul	93
45) 2-Nitroaniline	13.982	65	5102	2.503	ng/ul#	84
47) Dimethylphthalate	14.358	163	36645	4.523	ng/ul	96
48) 2,6-Dinitrotoluene	14.475	165	4343	2.596	ng/ul#	76

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050264.D
Acq On : 25 Sep 2021 15:15
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD005433

Manual Integrations APPROVED
mohammad
9/28/2021 1:38:57 PM

Quant Time: Sep 27 02:04:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) Acenaphthylene	14.634	152	46296	5.277 ng/ul	96
52) Acenaphthene	14.974	153	29776	4.679 ng/ul	98
56) Dibenzofuran	15.304	168	44365	5.034 ng/ul	94
57) 2,4-Dinitrotoluene	15.251	165	6237	2.592 ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.527	232	8441	4.854 ng/ul#	75
59) Diethylphthalate	15.709	149	36185	4.366 ng/ul	95
61) Fluorene	15.950	166	35161	4.729 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.944	204	19989	5.081 ng/ul#	83
67) N-Nitrosodiphenylamine	16.150	169	30857	4.772 ng/ul	95
68) 4-Bromophenyl-phenylether	16.837	248	11875	4.371 ng/ul	94
69) Hexachlorobenzene	16.954	284	13794	4.397 ng/ul#	93
72) Phenanthrene	17.695	178	61672	5.037 ng/ul	97
74) Anthracene	17.789	178	61572m	4.963 ng/ul	09/29/21 JU
75) 1,2,3,4-Tetrachloroben...	13.717	216	17295	5.249 ng/uL	93
76) Pentachlorobenzene	15.221	250	16757	4.799 ng/uL	93
78) Di-n-butylphthalate	18.600	149	59055	4.182 ng/ul	98
80) Fluoranthene	19.692	202	70954	5.375 ng/ul#	95
82) Pyrene	20.057	202	69930	5.346 ng/ul#	95
83) Butylbenzylphthalate	20.932	149	21766	4.217 ng/ul	97
85) Benzo(a)anthracene	21.943	228	59895	4.856 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.837	149	35638	5.027 ng/ul#	96
87) Chrysene	22.013	228	58451	5.013 ng/ul	95
90) Benzo(b)fluoranthene	24.305	252	61766	4.737 ng/ul	99
91) Benzo(k)fluoranthene	24.381	252	59364m	4.790 ng/ul	09/29/21 JU
93) Benzo(a)pyrene	25.245	252	58728	5.186 ng/ul	93
94) Indeno(1,2,3-cd)pyrene	29.369	276	73803m	4.941 ng/ul	09/29/21 JU
95) Dibenzo(a,h)anthracene	29.452	278	64012	5.119 ng/ul#	96
96) Benzo(g,h,i)perylene	30.603	276	62582	4.984 ng/ul#	94

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