Quantitation Report (QT Reviewed)

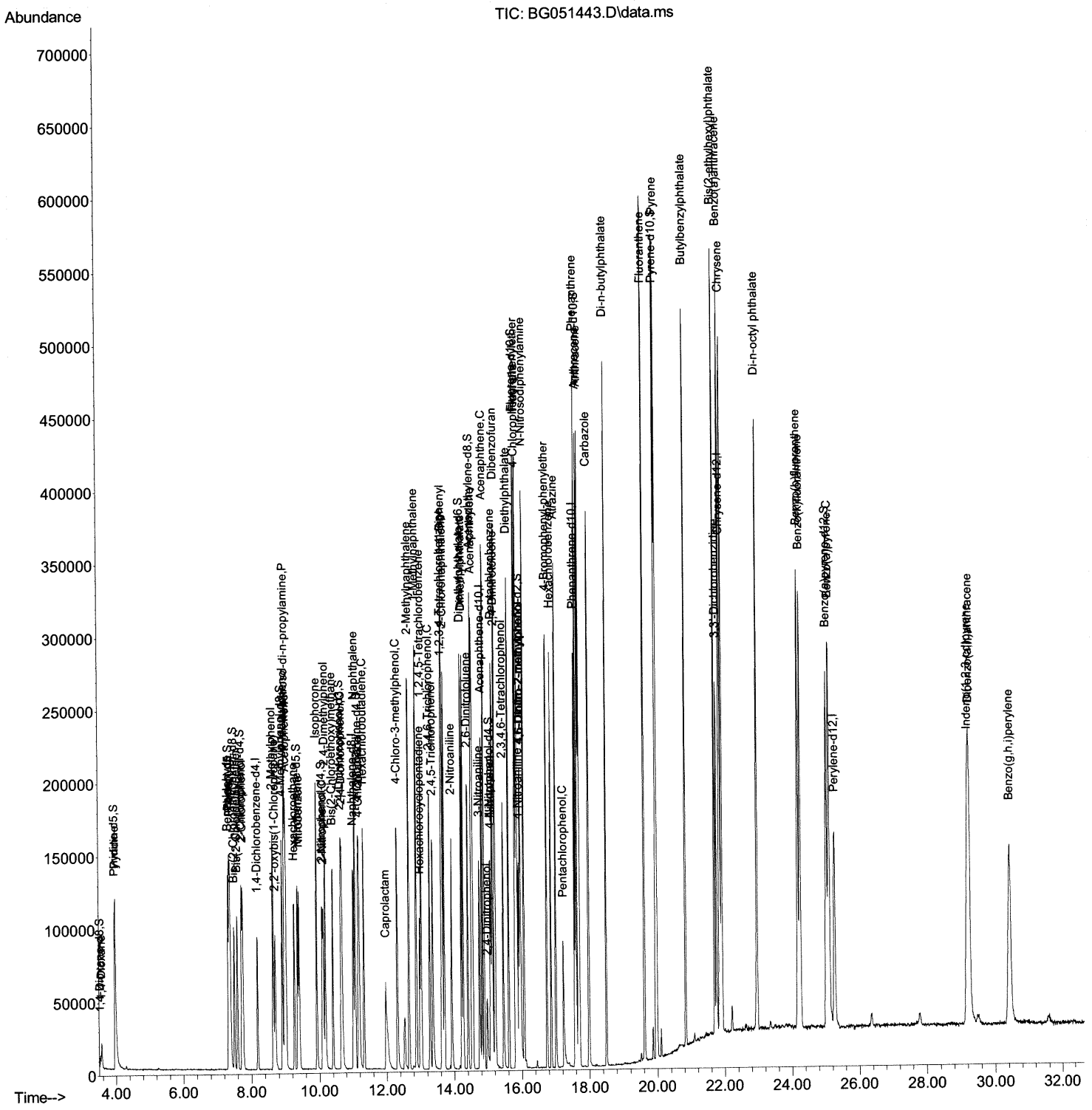
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



Quantitation Report (Qedit)

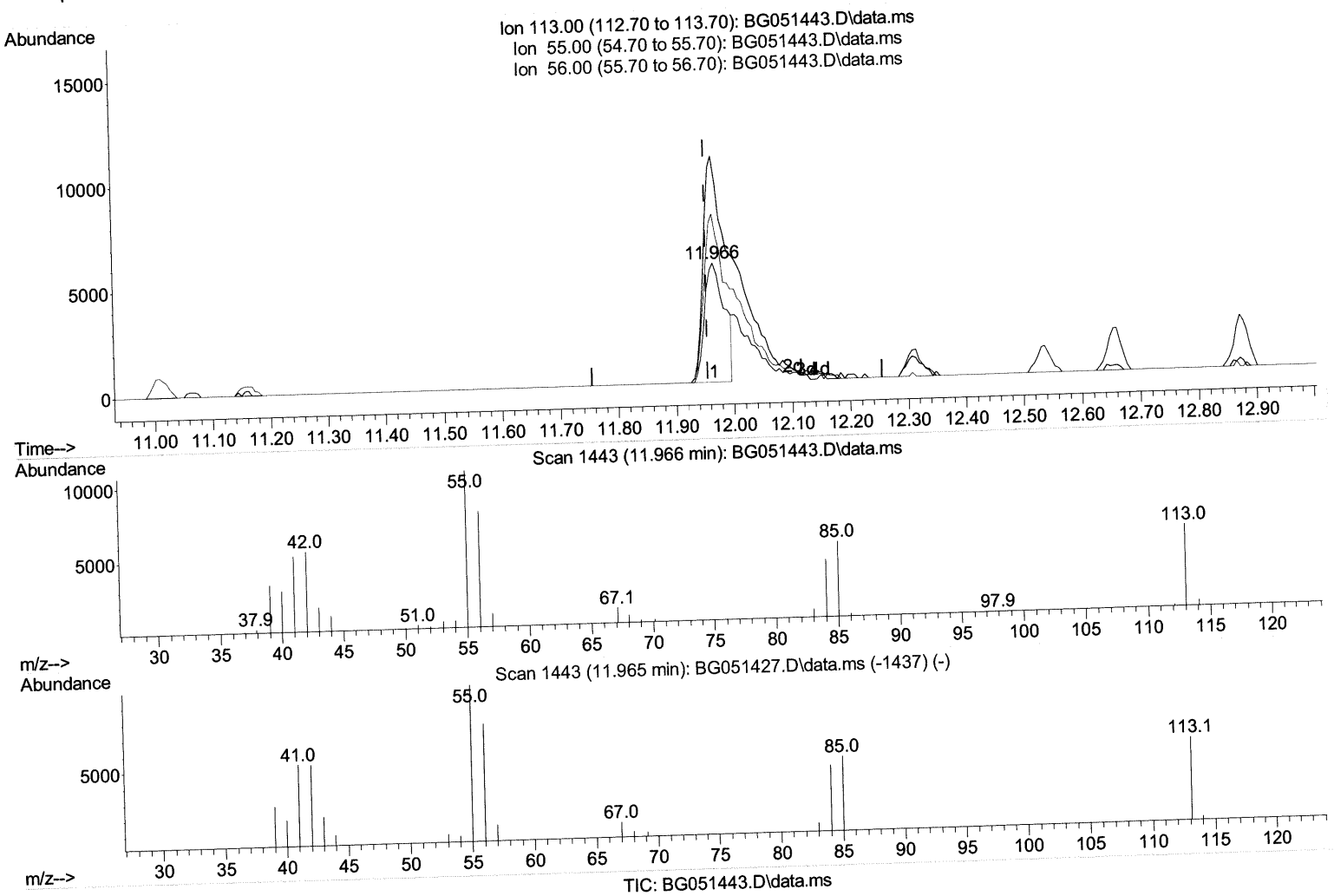
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



(34) Caprolactam

11.966min (+ 0.011) 17.89 ng/ul

response 13683

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	189.31
56.00	136.50	140.62
0.00	0.00	0.00

SFAM-EPA-BG120821.M Fri Dec 10 00:43:11 2021

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

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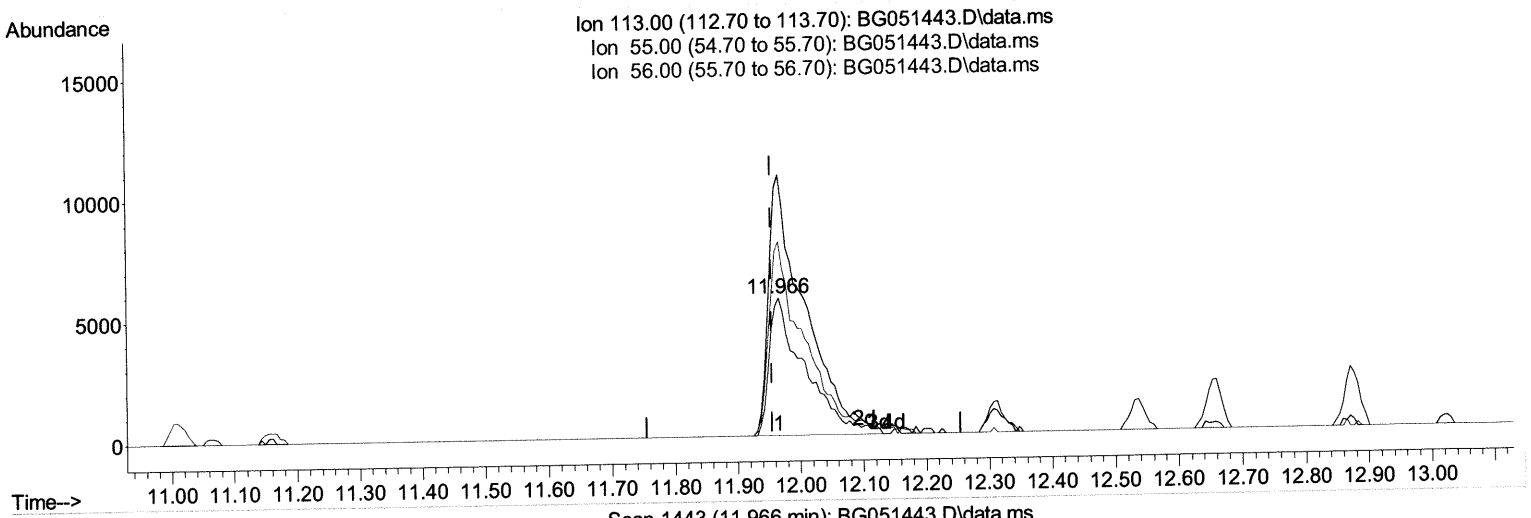

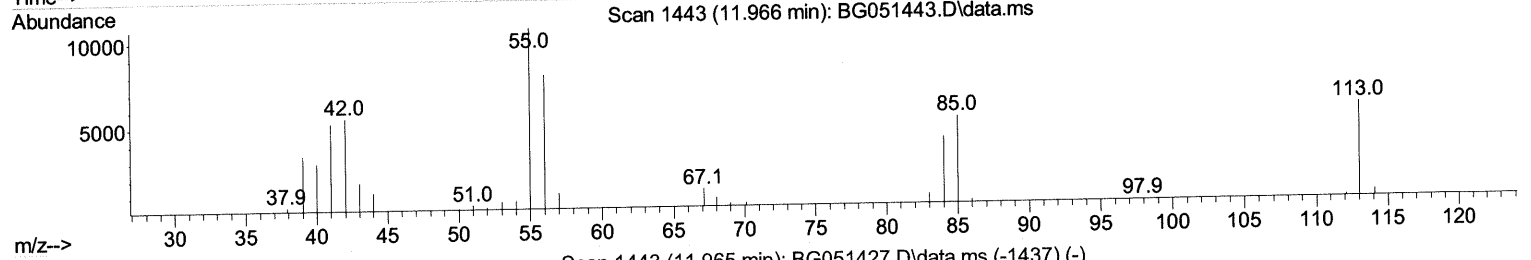

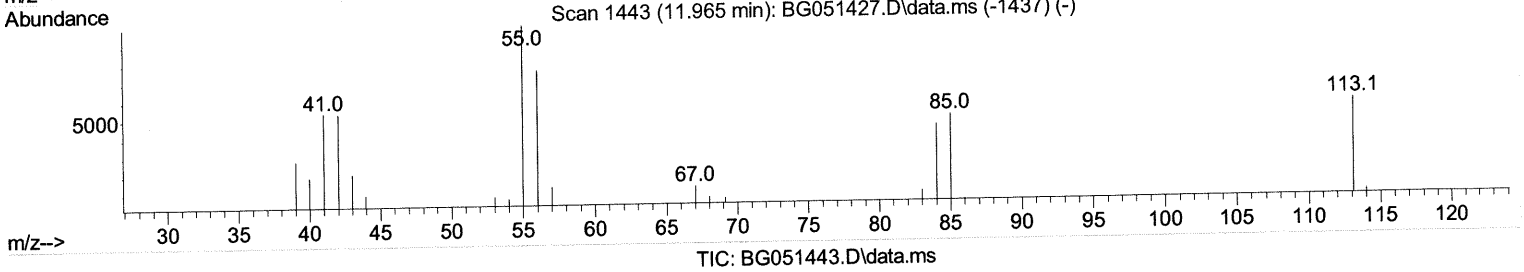

(34) Caprolactam

11.966min (+ 0.011) 29.11 ng/ul m 12/16/21 JU

response 22263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	189.31
56.00	136.50	140.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
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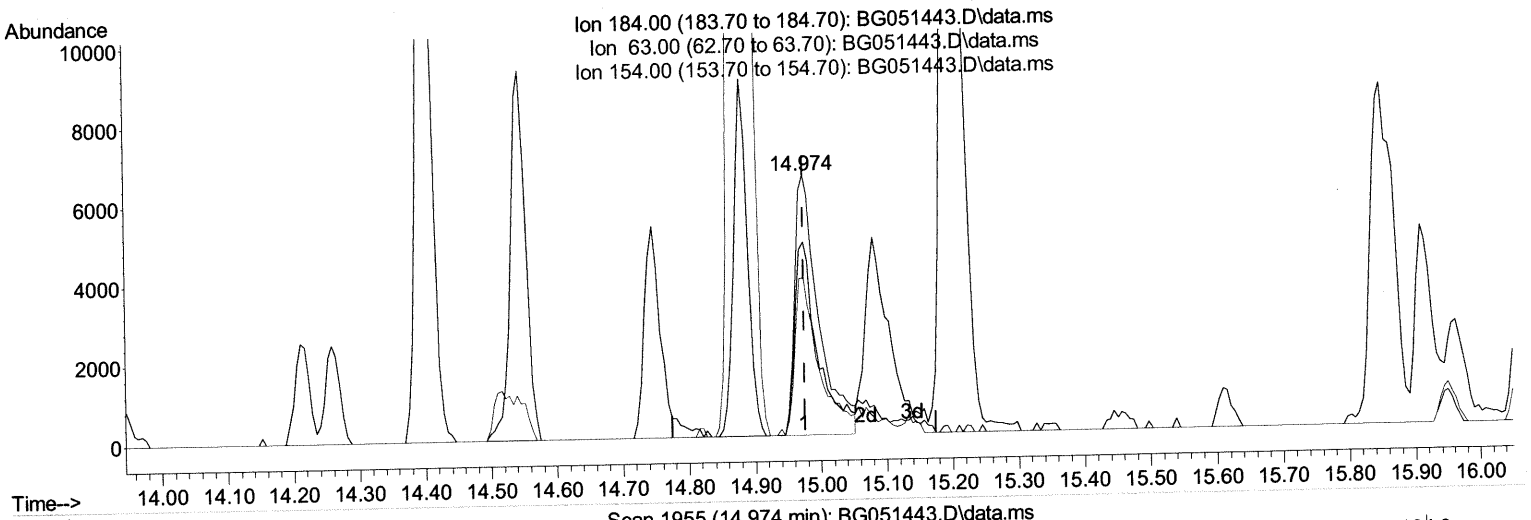
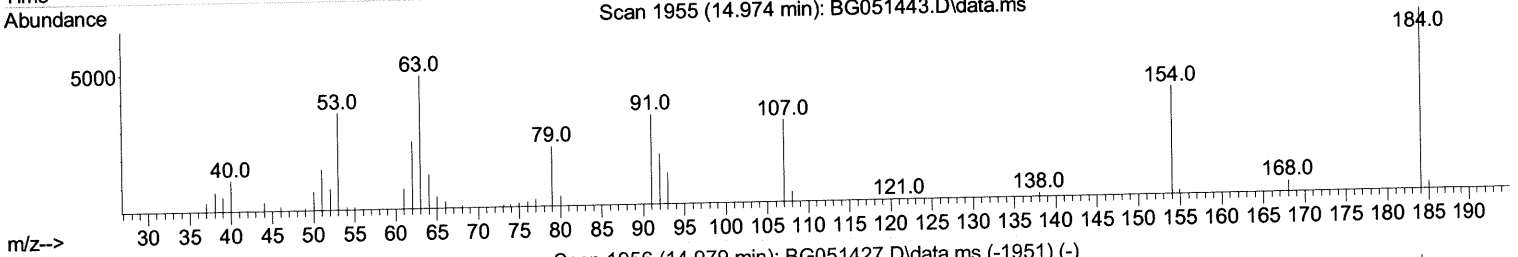
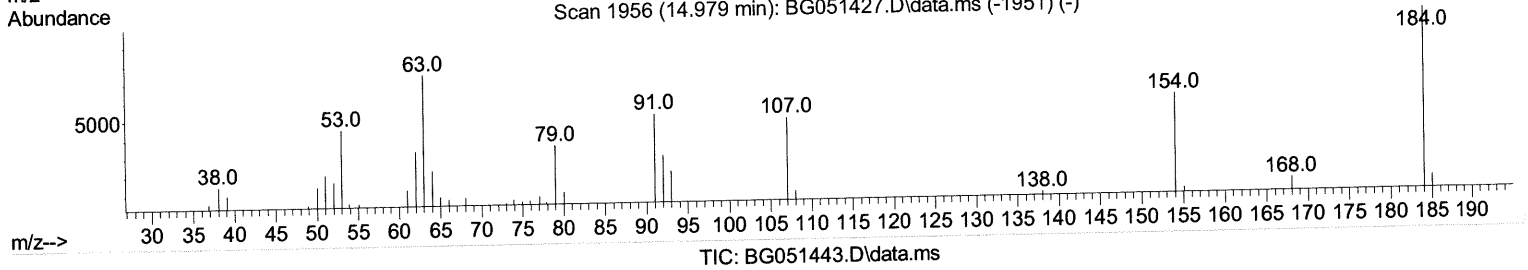






TIC: BG051443.D\data.ms

(53) 2,4-Dinitrophenol

14.974min (-0.000) 24.60 ng/ul

response 16556

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	74.07
154.00	67.00	60.54
0.00	0.00	0.00

Quantitation Report (Qedit)

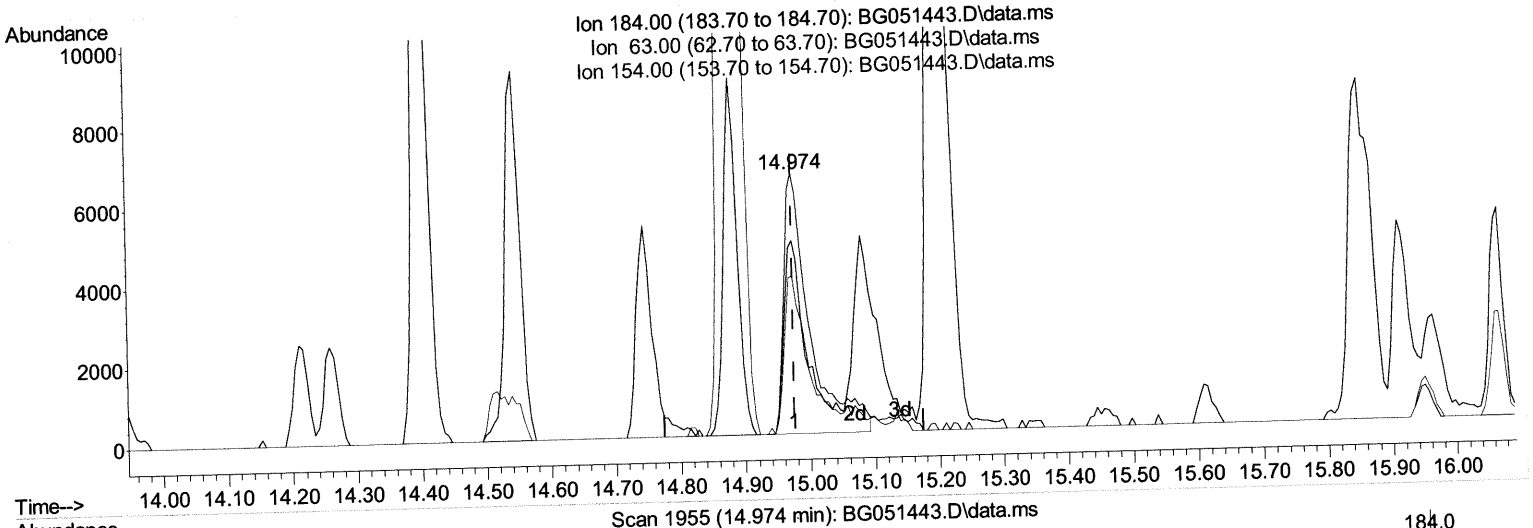
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

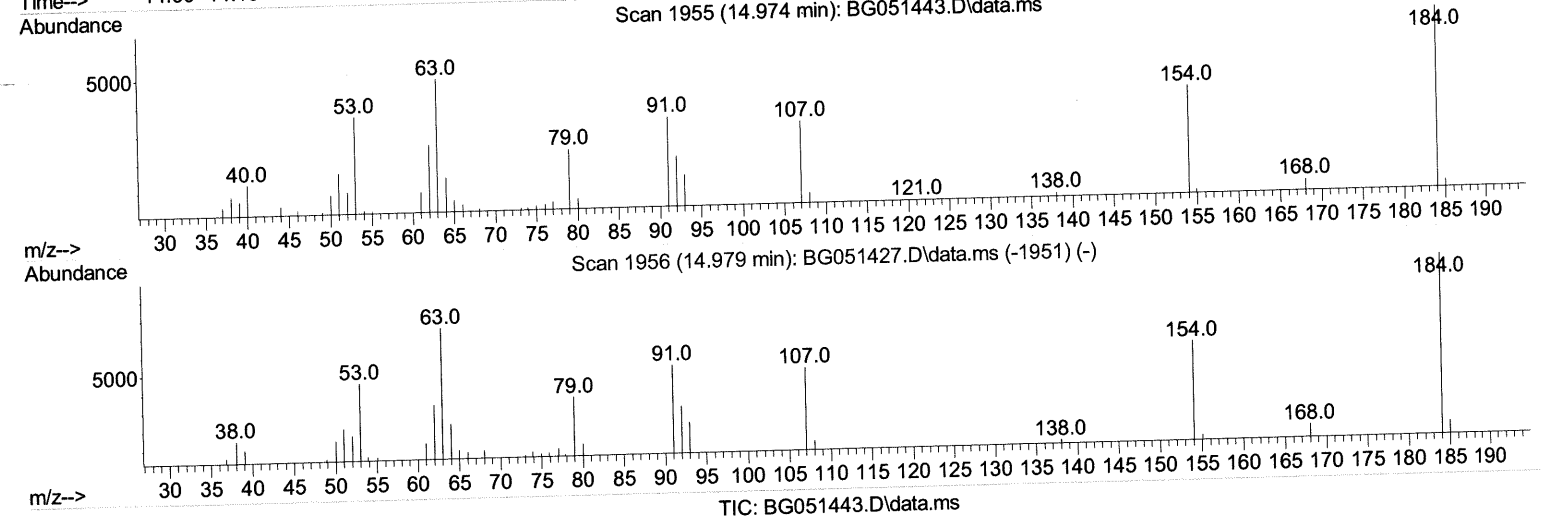
Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





TIC: BG051443.D\data.ms

(53) 2,4-Dinitrophenol

14.974min (-0.000) 27.06 ng/ul m 12/16/21 JU

response 18210

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	74.07
154.00	67.00	60.54
0.00	0.00	0.00

Quantitation Report (Qedit)

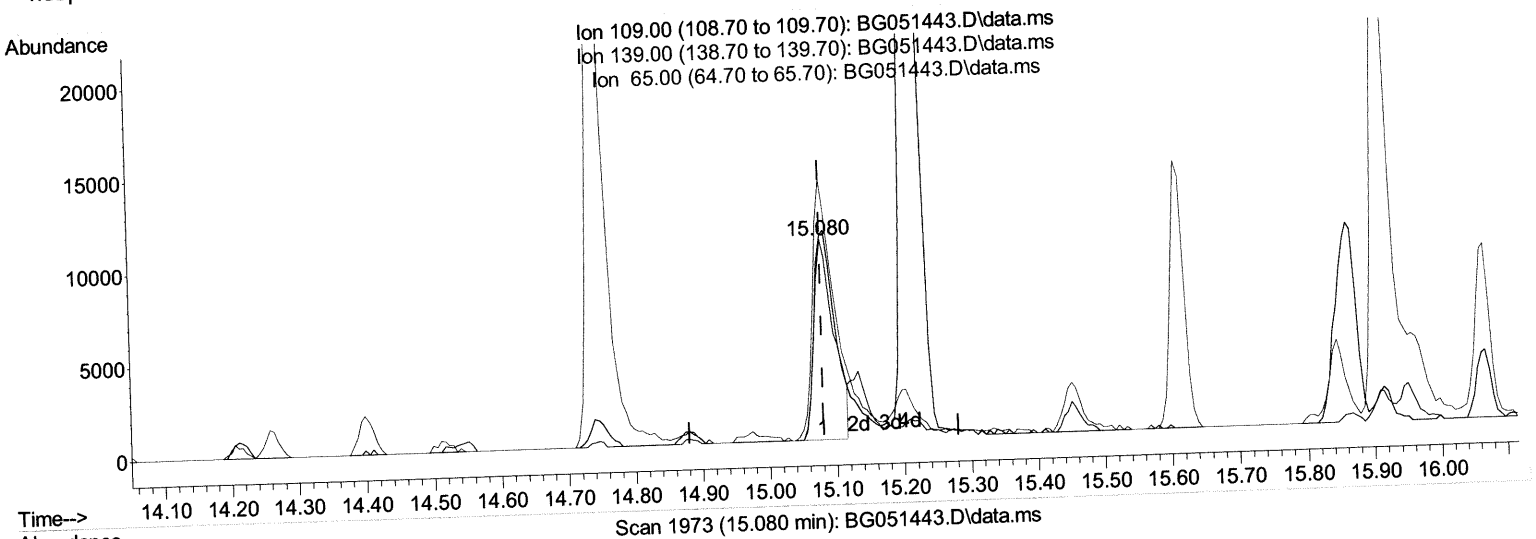
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

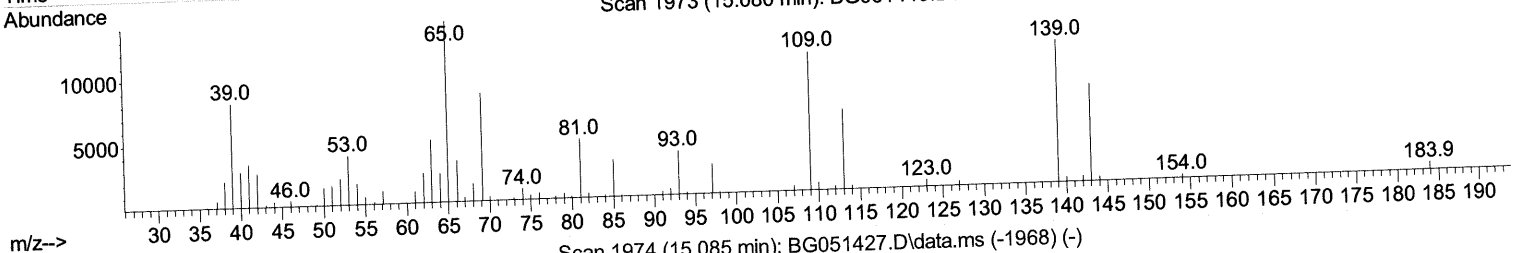
Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

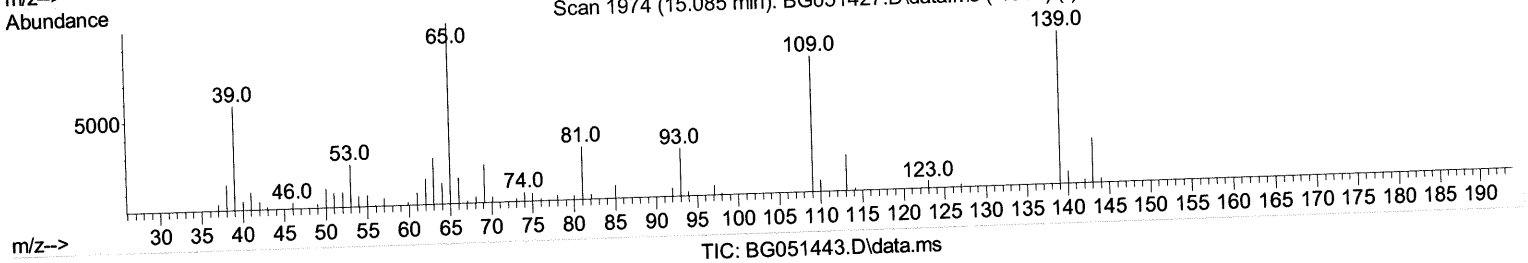
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



Scan 1973 (15.080 min): BG051443.D\data.ms



Scan 1974 (15.085 min): BG051427.D\data.ms (-1968) (-)



TIC: BG051443.D\data.ms

(55) 4-Nitrophenol

15.080min (-0.000) 24.13 ng/ul

response 22054

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	102.30
65.00	142.00	129.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

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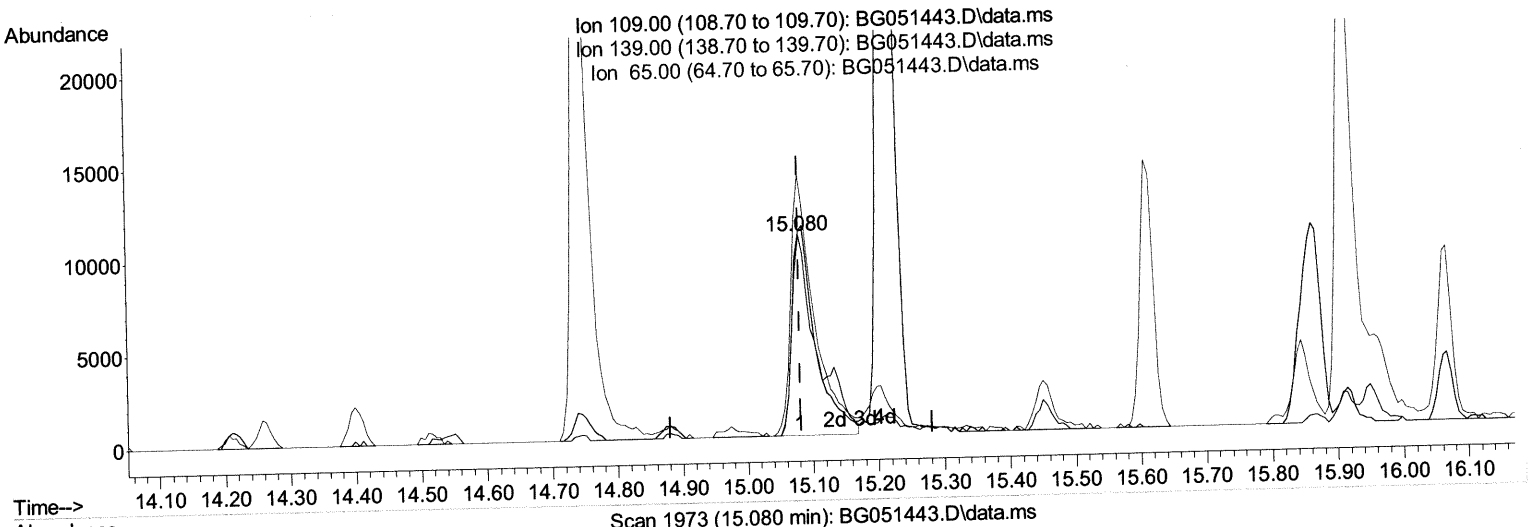

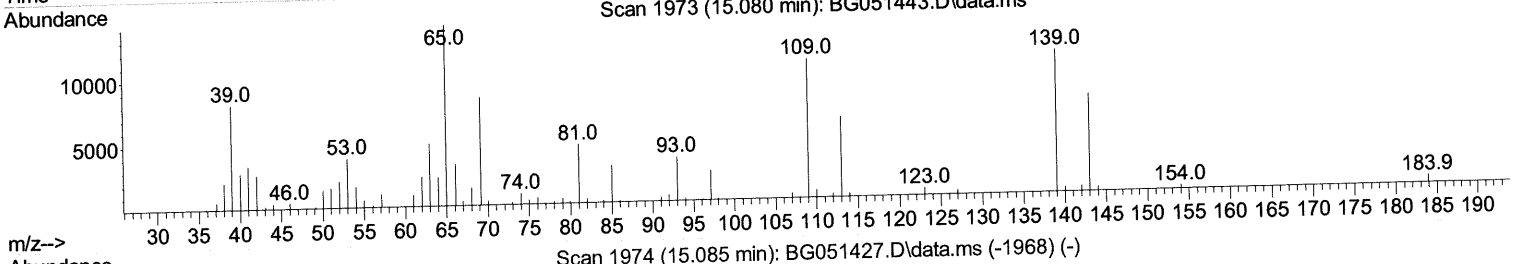

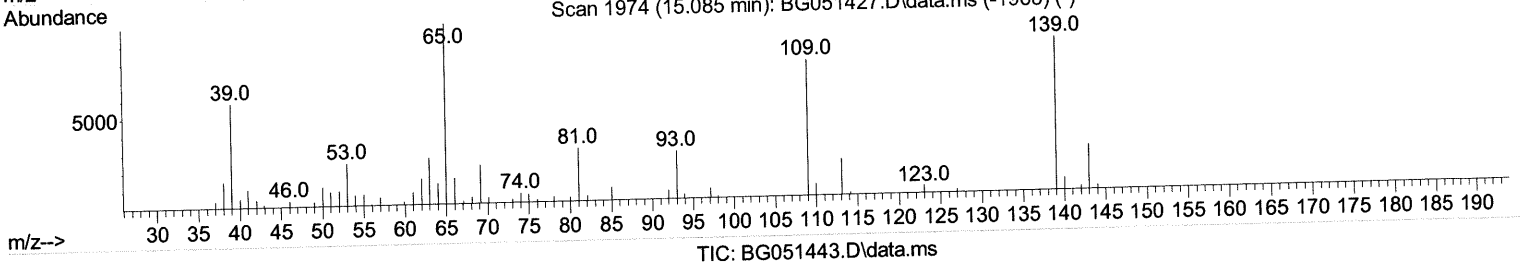

TIC: BG051443.D\data.ms

(55) 4-Nitrophenol

15.080min (-0.000) 31.20 ng/ul m 12/16/JU

response 28513

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	102.30
65.00	142.00	129.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
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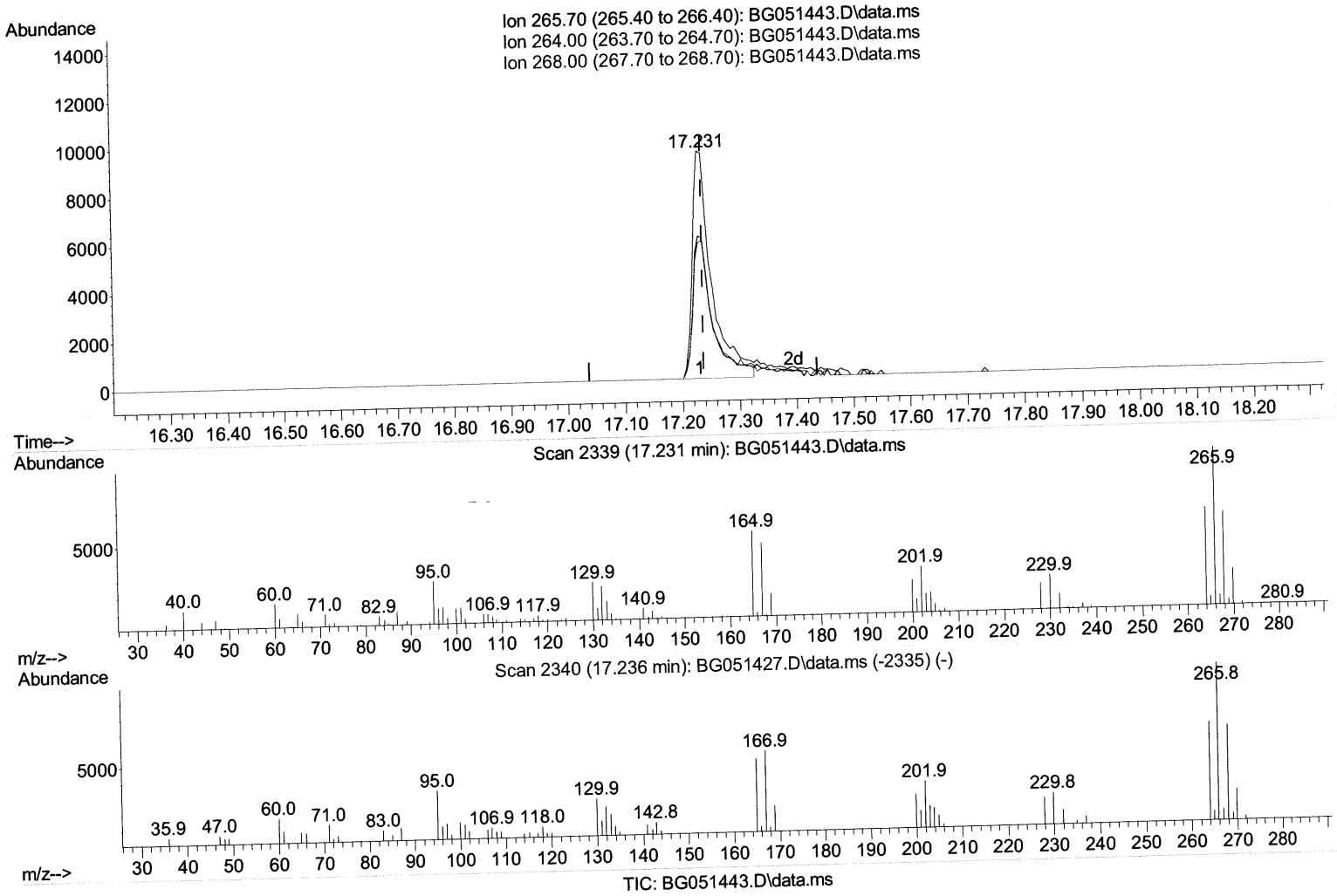

(71) Pentachlorophenol (C)

17.231min (-0.006) 28.05 ng/ul

response 22207

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	62.58
268.00	63.80	59.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
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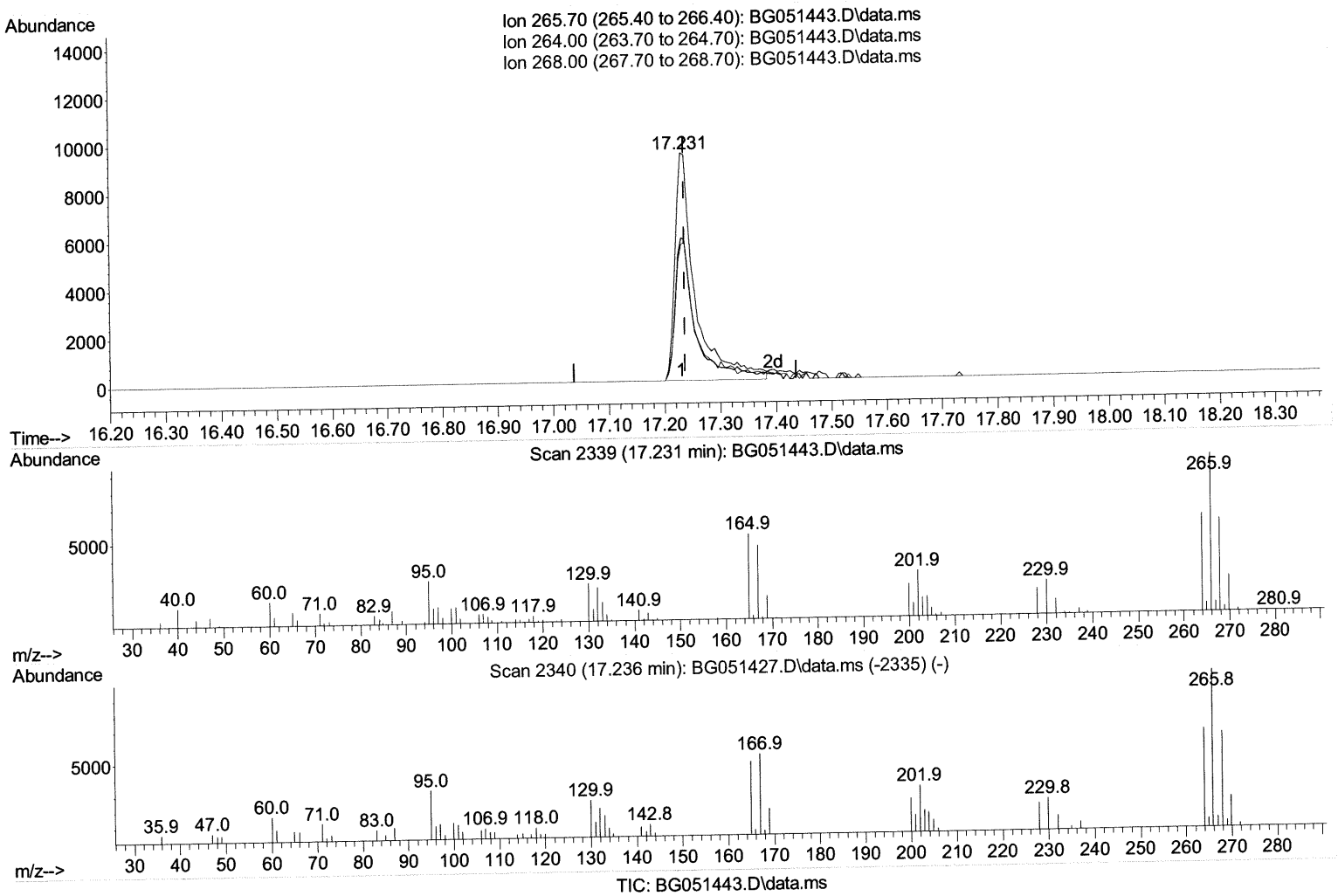

(71) Pentachlorophenol (C)

17.231min (-0.006) 30.09 ng/ul m 12/16/21 JU

response 23820

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	62.58
268.00	63.80	59.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051443.D
Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.182	152	25294	20.000	ng/ul	0.00
20) Naphthalene-d8	11.008	136	117879	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.816	164	78857	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	177653	20.000	ng/ul	0.00
79) Chrysene-d12	21.872	240	154984	20.000	ng/ul	0.00
88) Perylene-d12	25.262	264	151491	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4644	6.029	ng/uL	0.00
4) Pyridine-d5	3.964	84	59040	26.693	ng/ul	0.00
7) Phenol-d5	7.360	99	79324	30.806	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	50858	30.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	57478	31.375	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	62117	30.707	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	30602	29.927	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	34439	29.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	58911	31.295	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	71383	25.926	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	187971	30.805	ng/ul	0.00
49) Acenaphthylene-d8	14.516	160	236254	30.571	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	26852	29.229	ng/ul	0.00
60) Fluorene-d10	15.809	176	170018	31.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	33559	31.789	ng/ul	0.00
73) Anthracene-d10	17.671	188	259514	31.221	ng/ul	0.00
81) Pyrene-d10	19.951	212	311968	33.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.033	264	262464	33.590	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	9764	11.361	ng/uL#	92
5) Pyridine	3.987	79	62313	26.990	ng/ul	99
6) Benzaldehyde	7.325	77	55346	33.810	ng/ul	93
8) Phenol	7.383	94	80617	30.587	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.595	93	60923	30.179	ng/ul	98
12) 2-Chlorophenol	7.753	128	55981	29.831	ng/ul	95
13) 2-Methylphenol	8.641	108	59095	30.116	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.699	45	90705	29.859	ng/ul	97
16) Acetophenone	9.023	105	93148	29.737	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.993	70	56169	29.911	ng/ul	96
18) 4-Methylphenol	8.976	108	64157	31.123	ng/ul	100
19) Hexachloroethane	9.263	117	23687	29.192	ng/ul	99
22) Nitrobenzene	9.410	77	80359	28.886	ng/ul	97
23) Isophorone	9.927	82	152843	28.616	ng/ul	99
25) 2-Nitrophenol	10.121	139	34258	29.567	ng/ul	98
26) 2,4-Dimethylphenol	10.180	107	68751	28.019	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.403	93	84174	29.100	ng/ul	99
29) 2,4-Dichlorophenol	10.674	162	55334	29.982	ng/ul	96
30) Naphthalene	11.061	128	188499	29.119	ng/ul	98
32) 4-Chloroaniline	11.185	127	73056	26.378	ng/ul	99
33) Hexachlorobutadiene	11.320	225	35860	28.486	ng/ul	98
34) Caprolactam	11.966	113	22263m	29.111	ng/ul	98
35) 4-Chloro-3-methylphenol	12.307	107	69495	30.314	ng/ul	98

12/16/21 JM

Quantitation Report (QT Reviewed)

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Acq On : 9 Dec 2021 22:50
Operator : CG/JU
Sample : PB141216BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 00:32:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
SLCS216

Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.654	142	125338	29.035	ng/ul	95
37) 1-Methylnaphthalene	12.871	142	131540	29.604	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.018	216	71640	29.176	ng/ul	97
40) Hexachlorocyclopentadiene	12.983	237	29882	22.982	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.271	196	47803	30.137	ng/ul	98
42) 2,4,5-Trichlorophenol	13.359	196	50201	29.562	ng/ul	98
43) 1,1'-Biphenyl	13.652	154	173411	29.414	ng/ul	96
44) 2-Chloronaphthalene	13.699	162	136897	29.595	ng/ul	98
45) 2-Nitroaniline	13.923	65	52222	29.869	ng/ul	90
47) Dimethylphthalate	14.258	163	182687	29.707	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	39602	30.432	ng/ul	93
50) Acenaphthylene	14.545	152	220401	28.902	ng/ul	98
51) 3-Nitroaniline	14.745	138	37823	30.182	ng/ul	91
52) Acenaphthene	14.880	153	147845	29.548	ng/ul	95
53) 2,4-Dinitrophenol	14.974	184	18210m	27.058	ng/ul	> 12/16/21 JU
55) 4-Nitrophenol	15.080	109	28513m	31.199	ng/ul	
56) Dibenzofuran	15.215	168	209295	29.504	ng/ul	98
57) 2,4-Dinitrotoluene	15.198	165	56888	30.584	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.450	232	40557	31.521	ng/ul	97
59) Diethylphthalate	15.609	149	194872	29.361	ng/ul	99
61) Fluorene	15.862	166	168612	29.350	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.844	204	88928	29.486	ng/ul	94
63) 4-Nitroaniline	15.914	138	35890	32.263	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.961	198	30704	29.915	ng/ul	93
67) N-Nitrosodiphenylamine	16.067	169	152317	30.756	ng/ul	97
68) 4-Bromophenyl-phenylether	16.743	248	55768	31.089	ng/ul	92
69) Hexachlorobenzene	16.866	284	56419	30.857	ng/ul	94
70) Atrazine	17.007	200	63772	29.844	ng/ul	98
71) Pentachlorophenol	17.231	266	23820m	30.092	ng/ul	> 12/16/21 JU
72) Phenanthrene	17.612	178	296247	30.950	ng/ul	100
74) Anthracene	17.706	178	289346	30.198	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.623	216	75987	30.588	ng/uL	96
76) Pentachlorobenzene	15.133	250	66054	29.368	ng/uL	99
77) Carbazole	17.983	167	266383	31.231	ng/ul	99
78) Di-n-butylphthalate	18.500	149	350705	30.668	ng/ul	99
80) Fluoranthene	19.616	202	369903	32.250	ng/ul	98
82) Pyrene	19.980	202	359172	31.910	ng/ul	96
83) Butylbenzylphthalate	20.832	149	152326	31.029	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.755	252	93500	28.568	ng/ul	97
85) Benzo(a)anthracene	21.849	228	326944	31.934	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.702	149	217005	31.825	ng/ul	98
87) Chrysene	21.919	228	309755	31.731	ng/ul	99
89) Di-n-octyl phthalate	22.959	149	366175	32.867	ng/ul	100
90) Benzo(b)fluoranthene	24.181	252	327442	32.905	ng/ul	99
91) Benzo(k)fluoranthene	24.252	252	296783	32.022	ng/ul	99
93) Benzo(a)pyrene	25.104	252	308195	32.517	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.187	276	325986	30.991	ng/ul	97
95) Dibenzo(a,h)anthracene	29.234	278	274498	30.957	ng/ul	98
96) Benzo(g,h,i)perylene	30.421	276	273636	31.107	ng/ul	97

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