Quantitation Report (QT Reviewed)

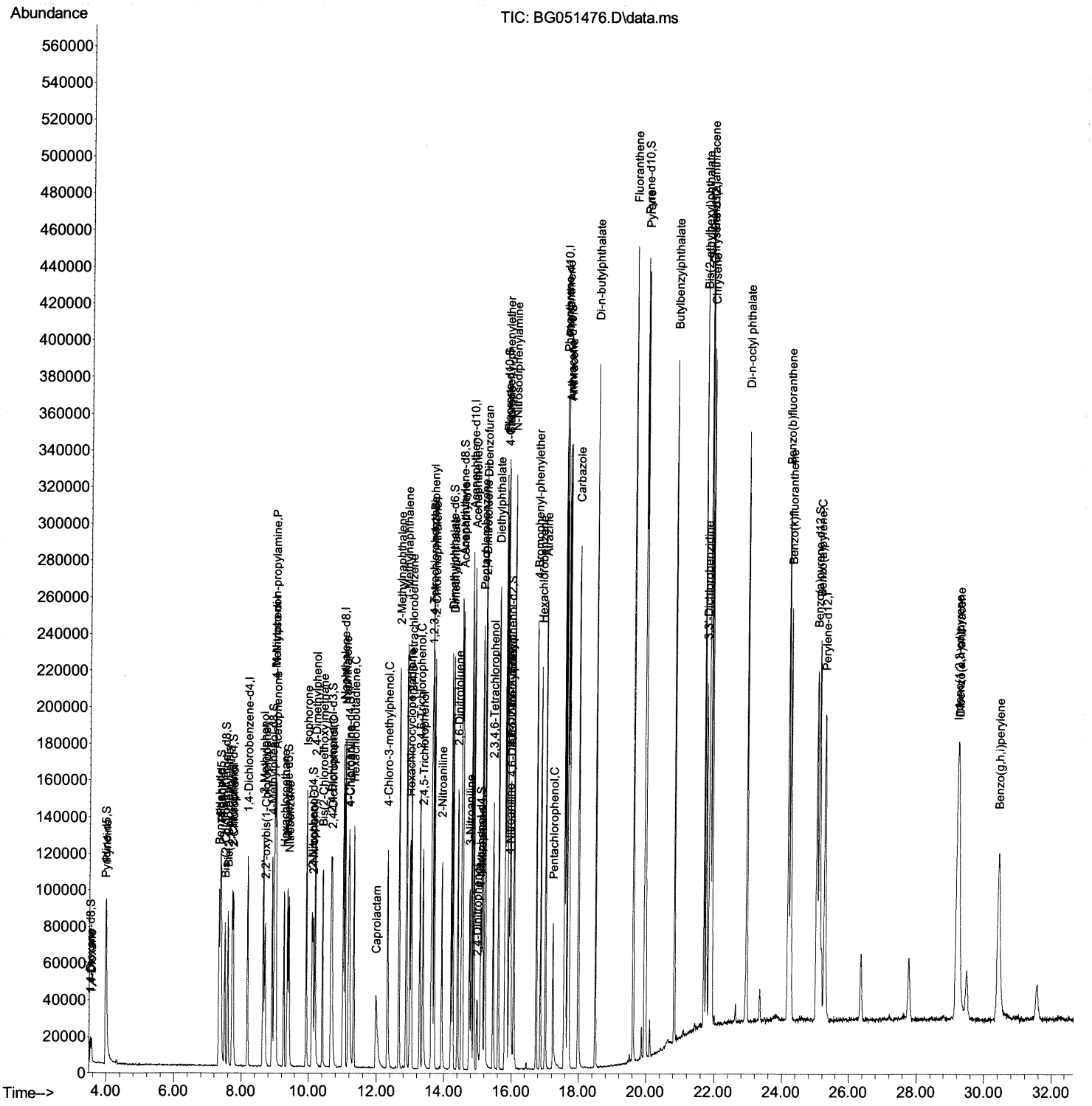
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051476.D
Acq On : 11 Dec 2021 5:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 11 06:47:35 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
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021



Quantitation Report (Qedit)

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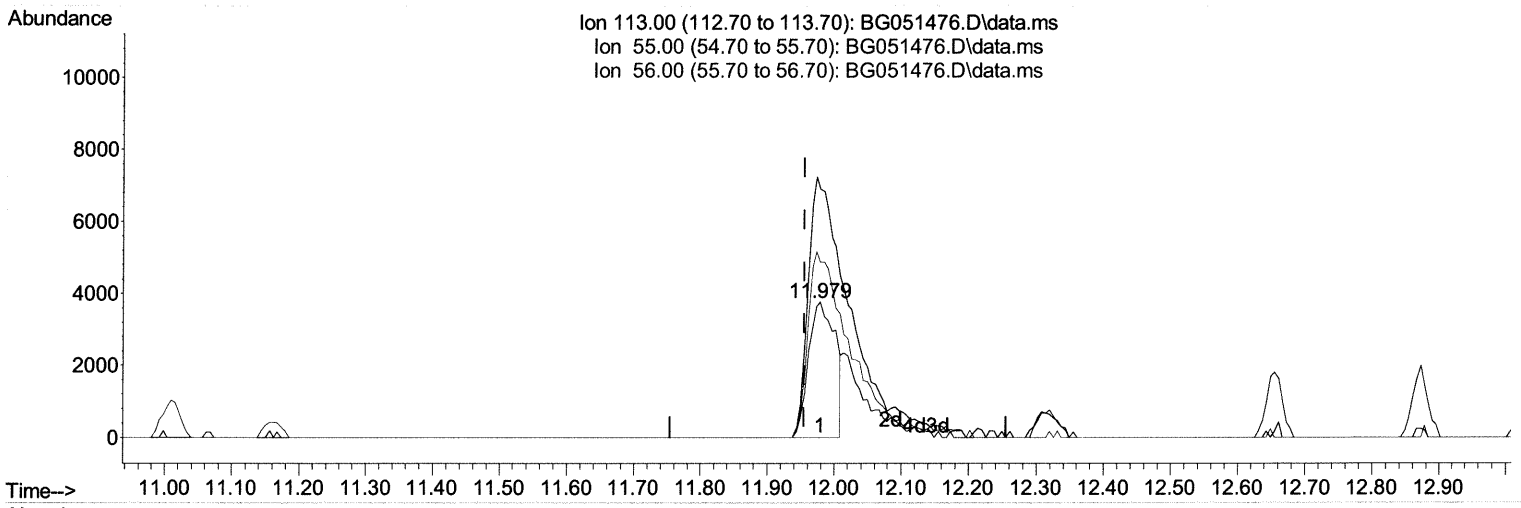

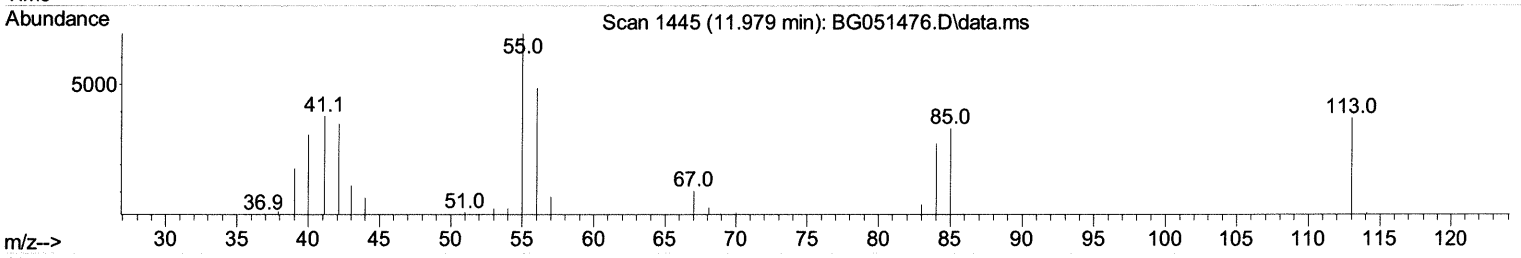

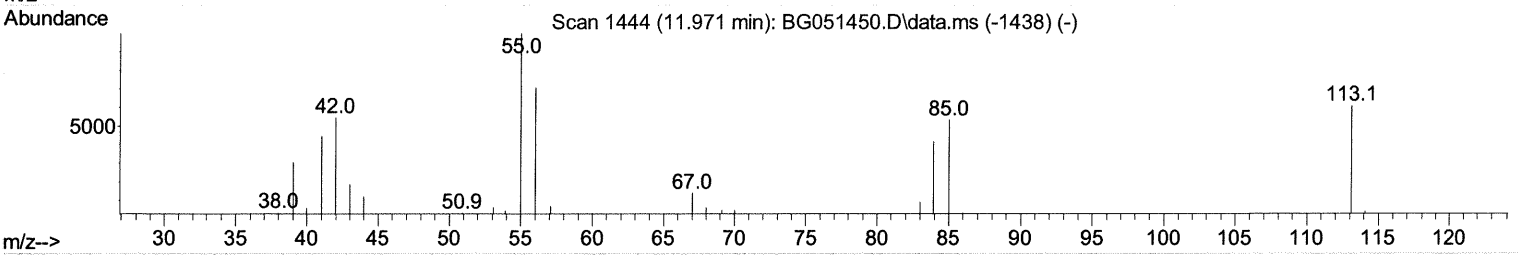

TIC: BG051476.D\data.ms

(34) Caprolactam

11.979min (+ 0.024) 10.92 ng/ul

response 10432

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	183.58
56.00	136.50	129.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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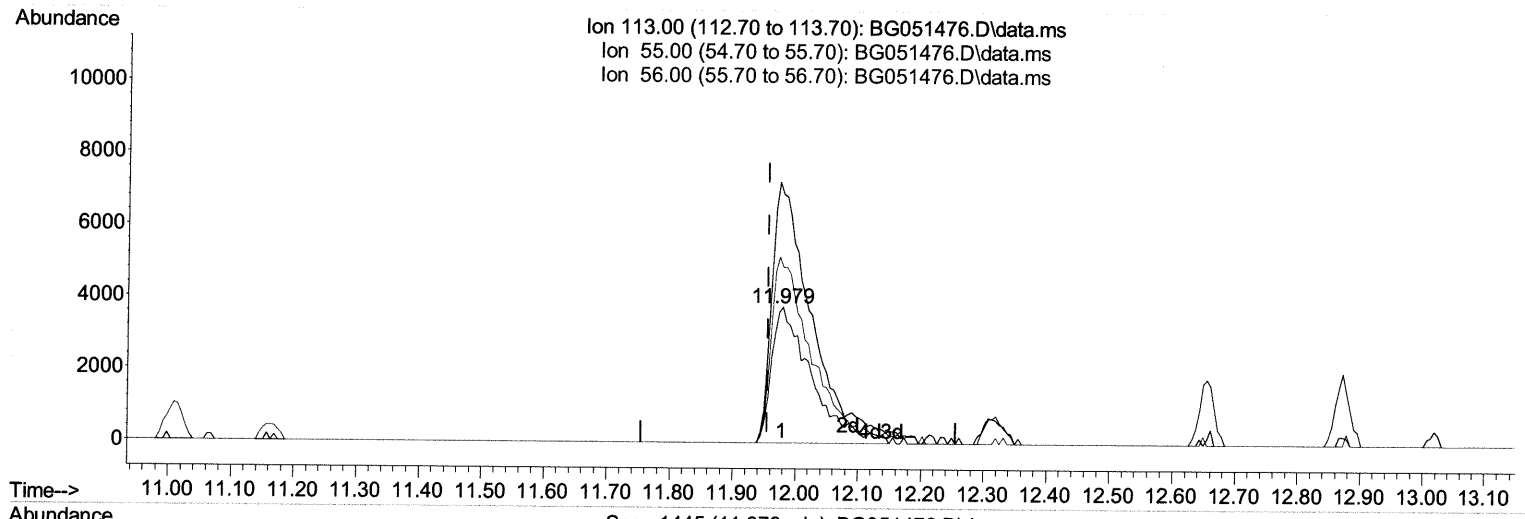

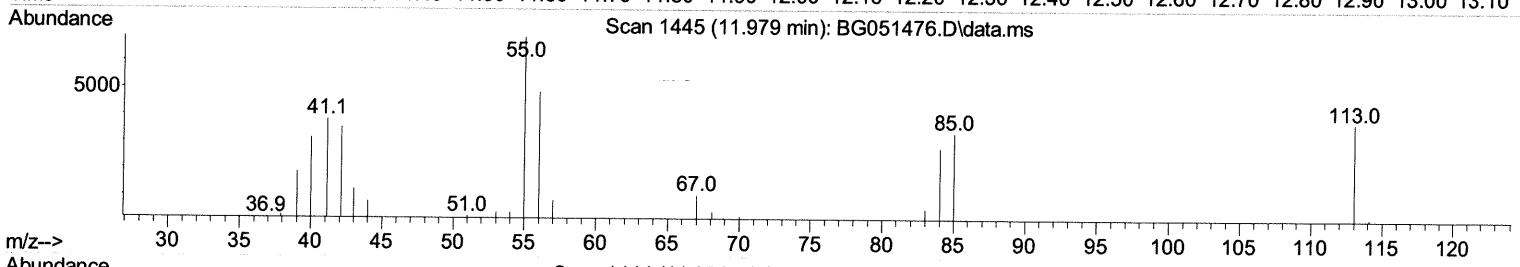

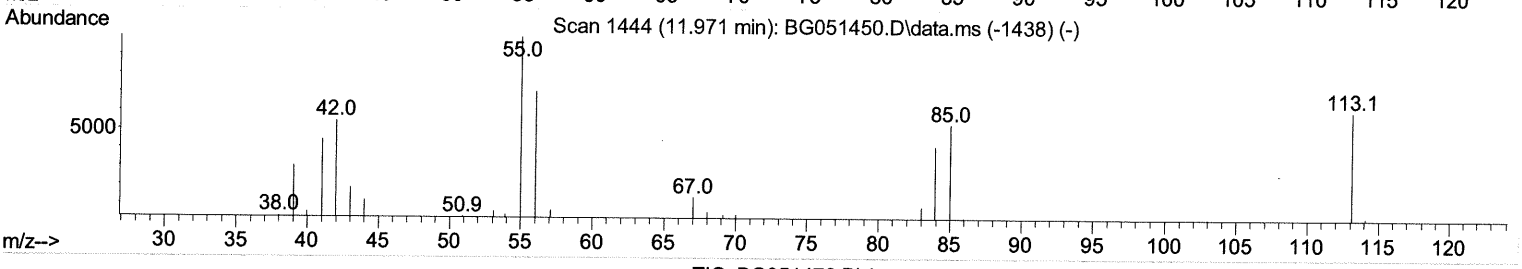

TIC: BG051476.D\data.ms

(34) Caprolactam

11.979min (+ 0.024) 17.49 ng/ul m 12/16/21 JU

response 16703

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	183.58
56.00	136.50	129.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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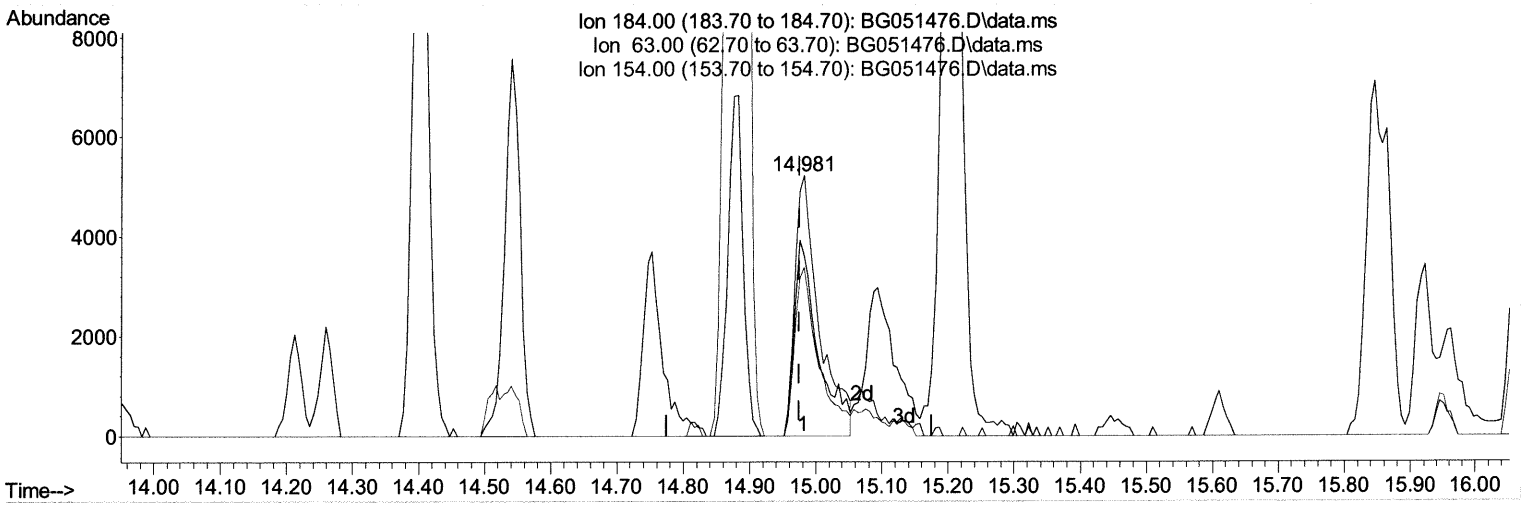

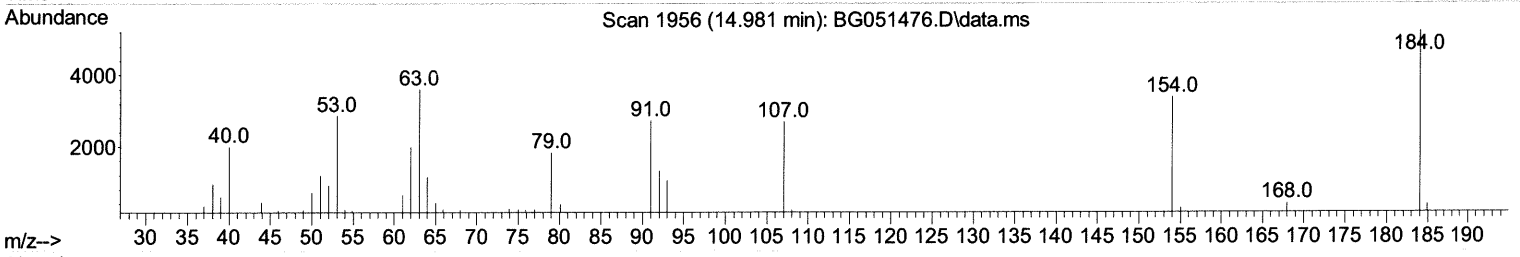

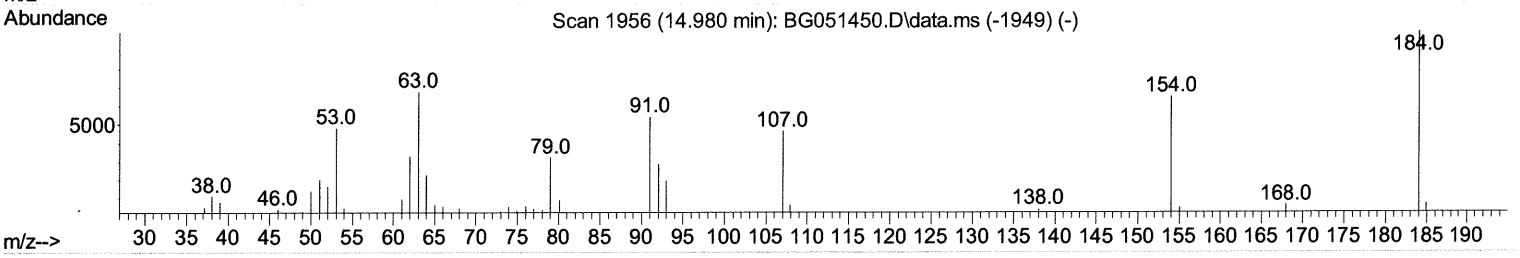

TIC: BG051476.D\data.ms

(53) 2,4-Dinitrophenol

14.981min (+ 0.006) 16.02 ng/ul

response 13259

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	69.15
154.00	67.00	64.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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Acq On : 11 Dec 2021 5:14
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
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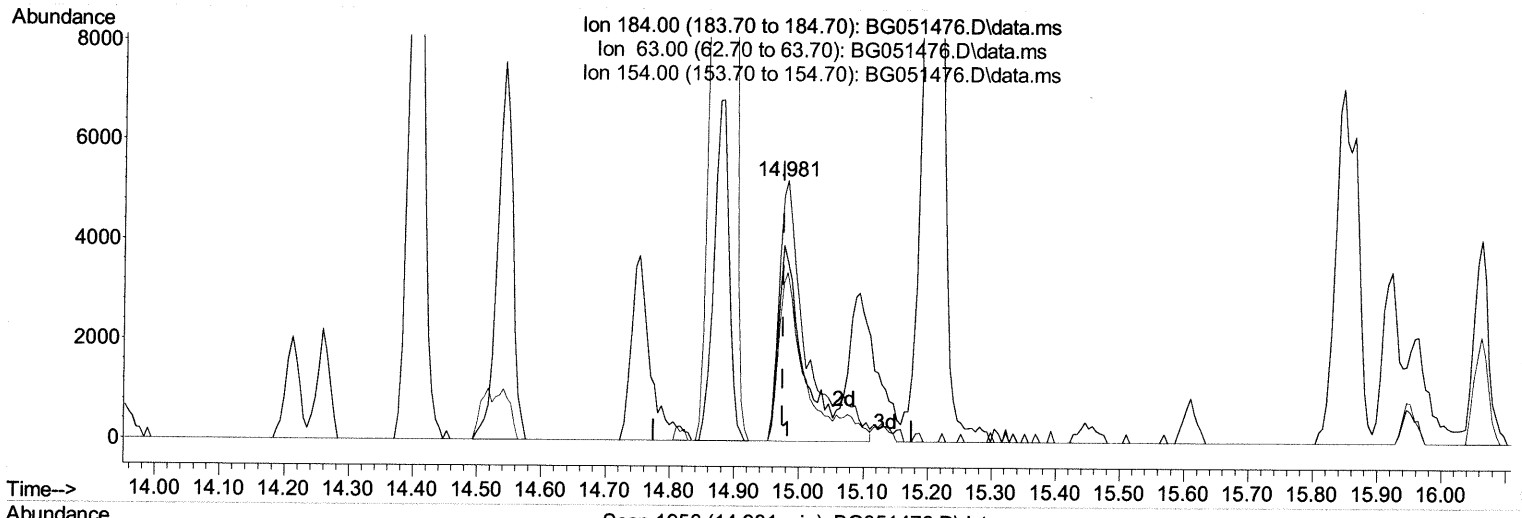

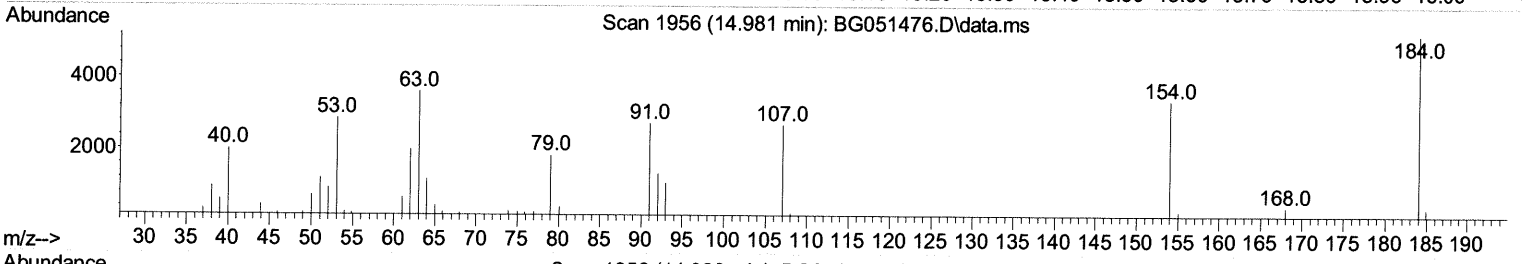

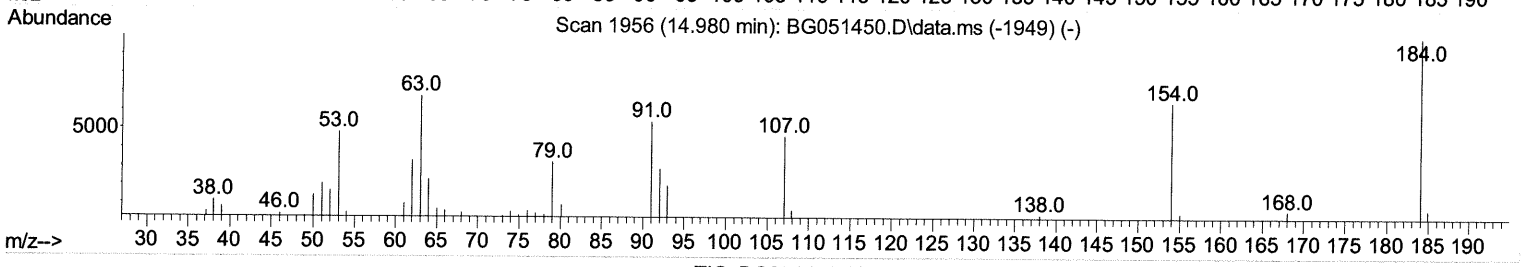

TIC: BG051476.D\data.ms

(53) 2,4-Dinitrophenol

14.981min (+ 0.006) 18.53 ng/ul m 12/16/2021

response 15332

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	69.15
154.00	67.00	64.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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Instrument :
BNA_G
LabSampleId :
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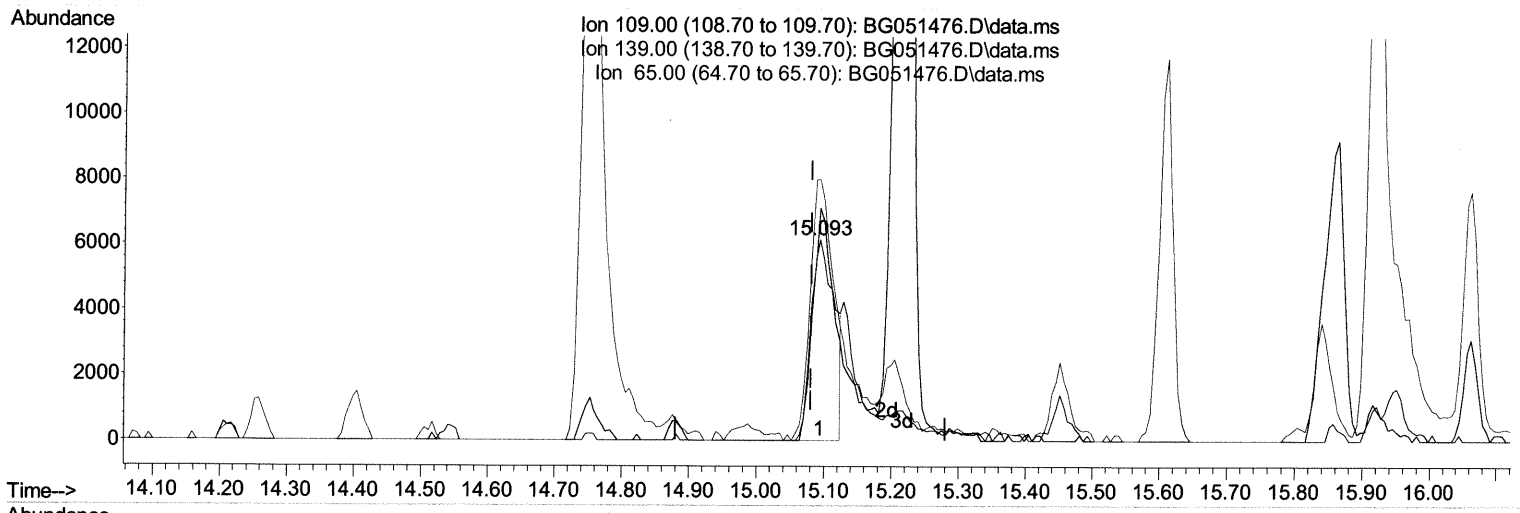

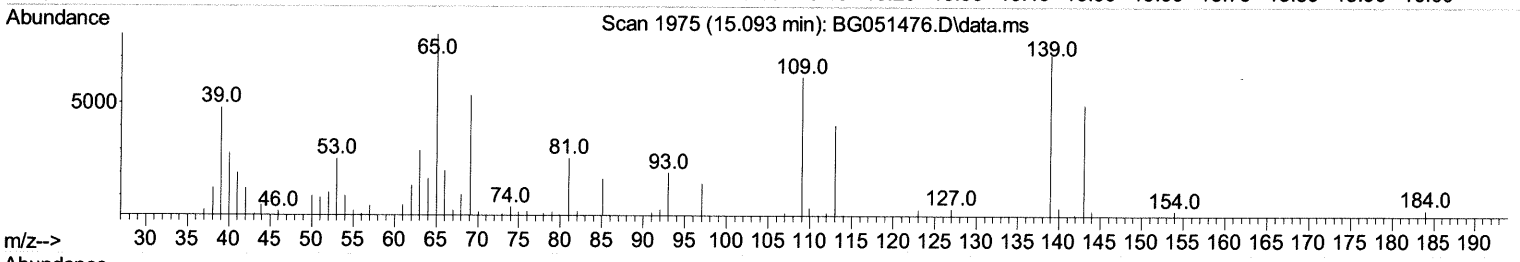

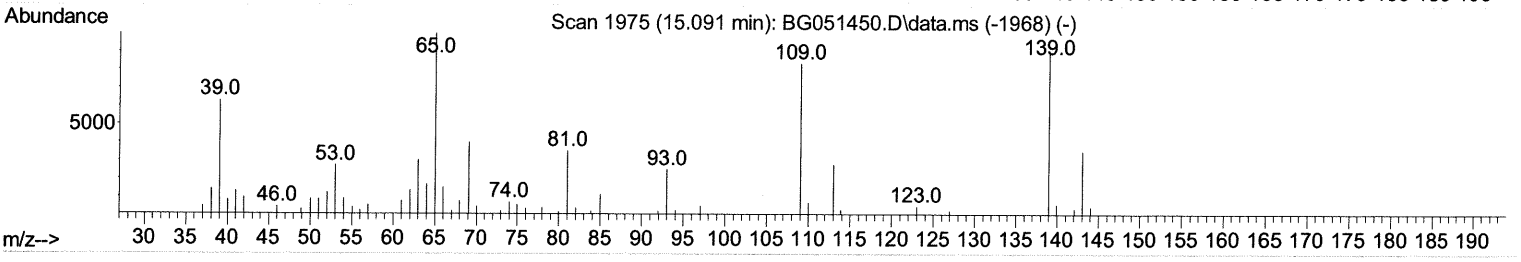

TIC: BG051476.D\data.ms

(55) 4-Nitrophenol

15.093min (+ 0.012) 12.80 ng/ul

response 14383

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	115.73
65.00	142.00	129.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051476.D
Acq On : 11 Dec 2021 5:14
Operator : CG/JU
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Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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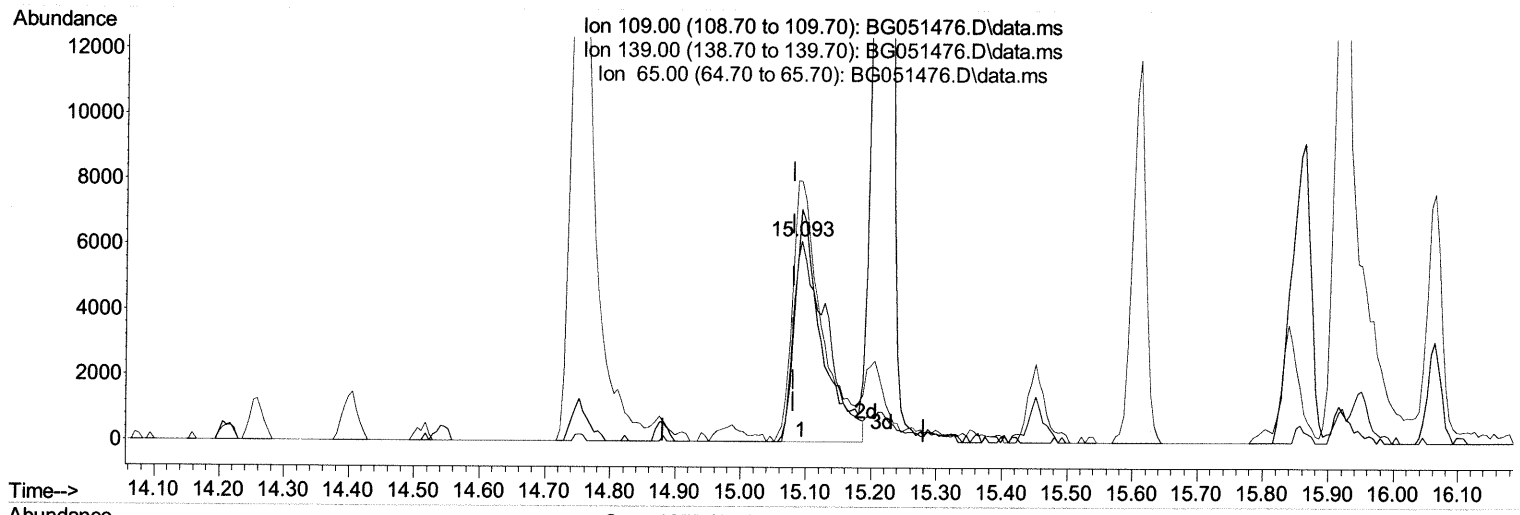

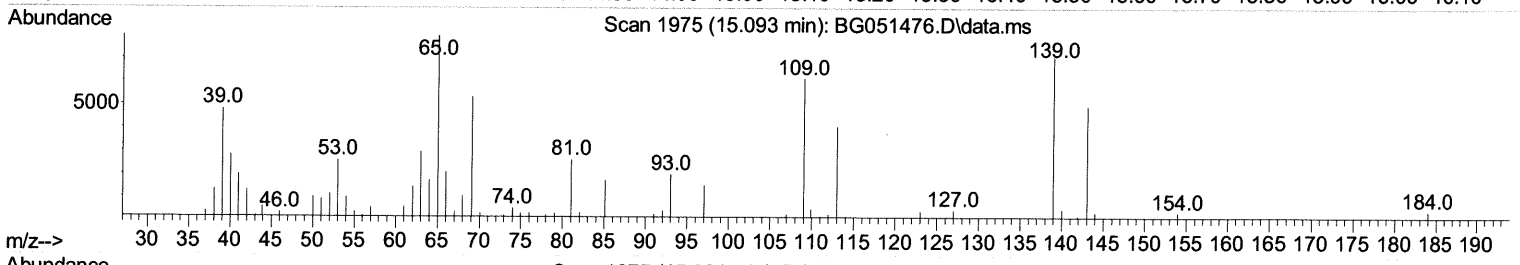

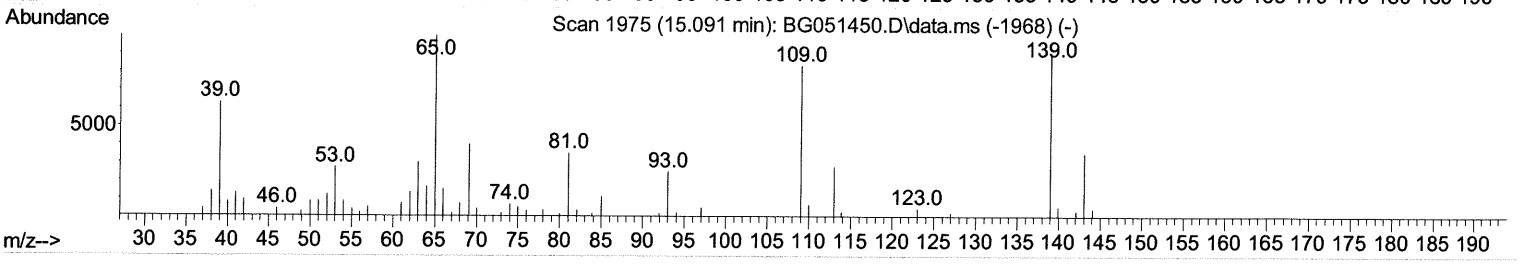

TIC: BG051476.D\data.ms

(55) 4-Nitrophenol

15.093min (+ 0.012) 18.81 ng/ul m 12/16/21 JU

response 21142

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	115.73
65.00	142.00	129.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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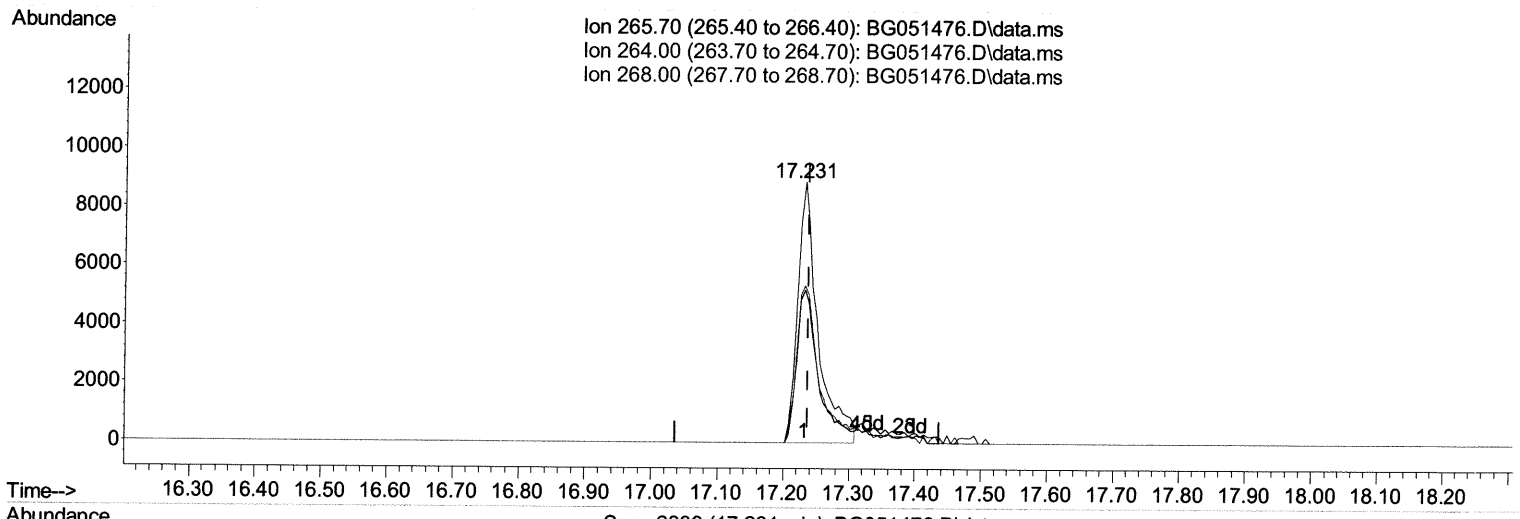

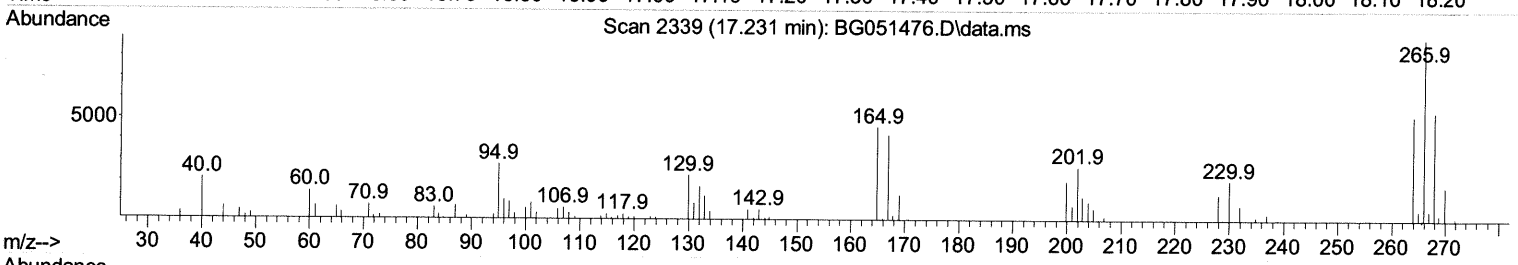

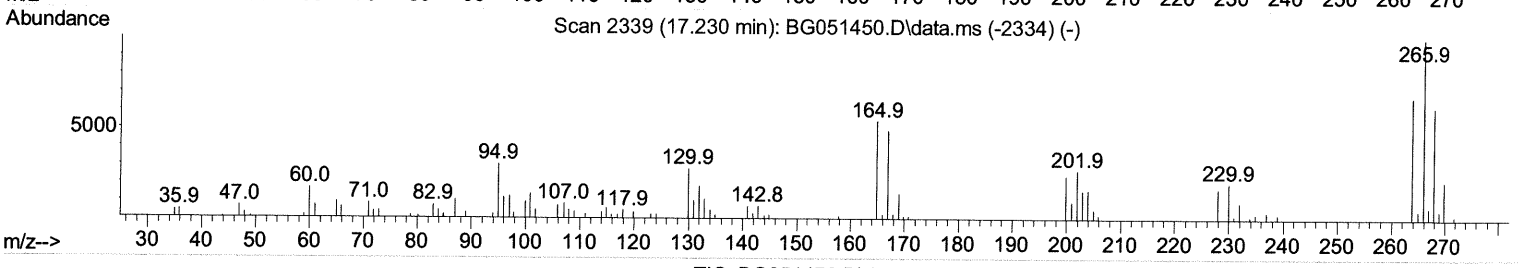

TIC: BG051476.D\data.ms

(71) Pentachlorophenol (C)

17.231min (-0.005) 19.70 ng/ul

response 19343

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	58.48
268.00	63.80	60.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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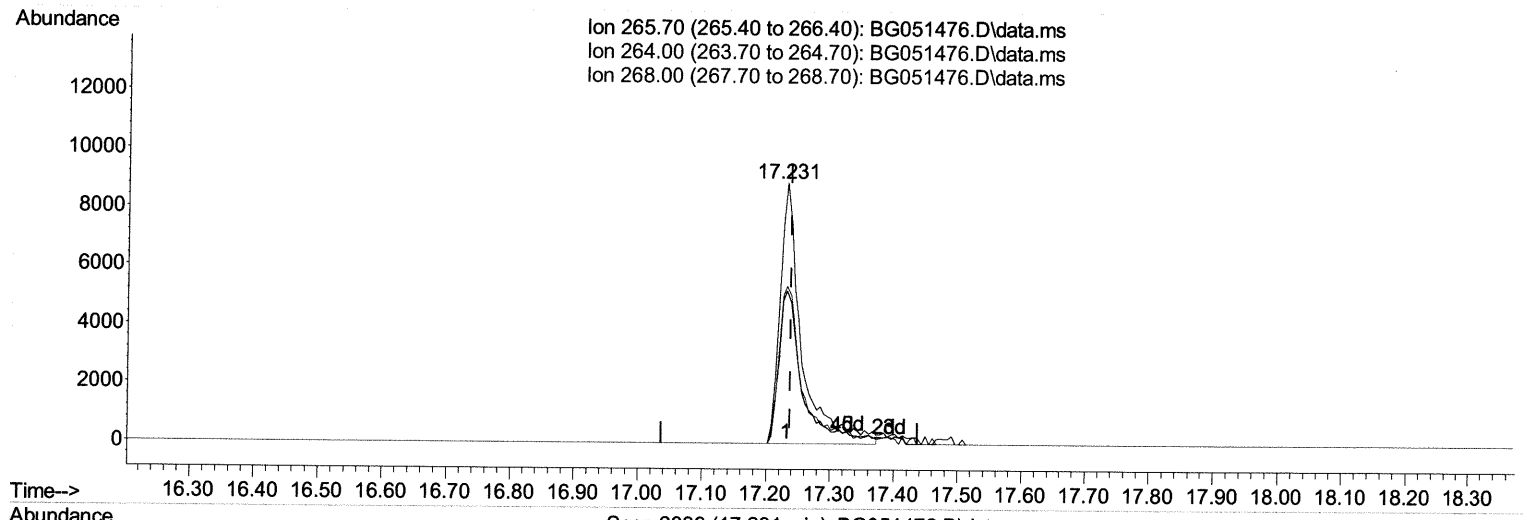

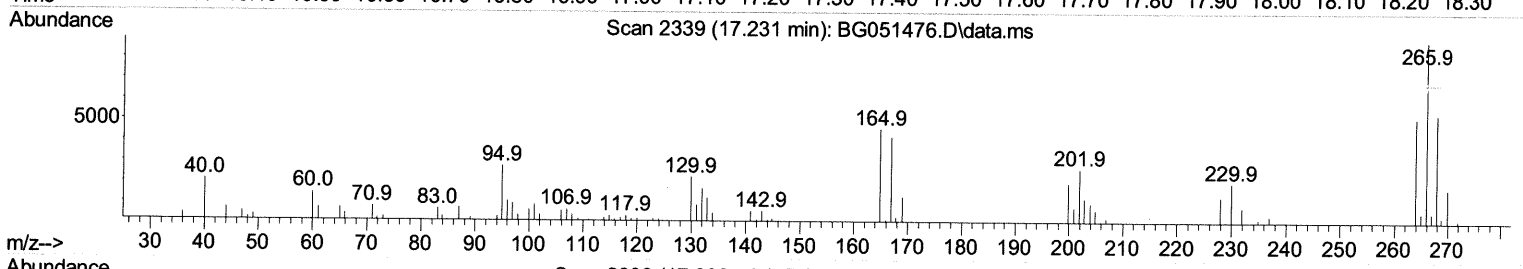

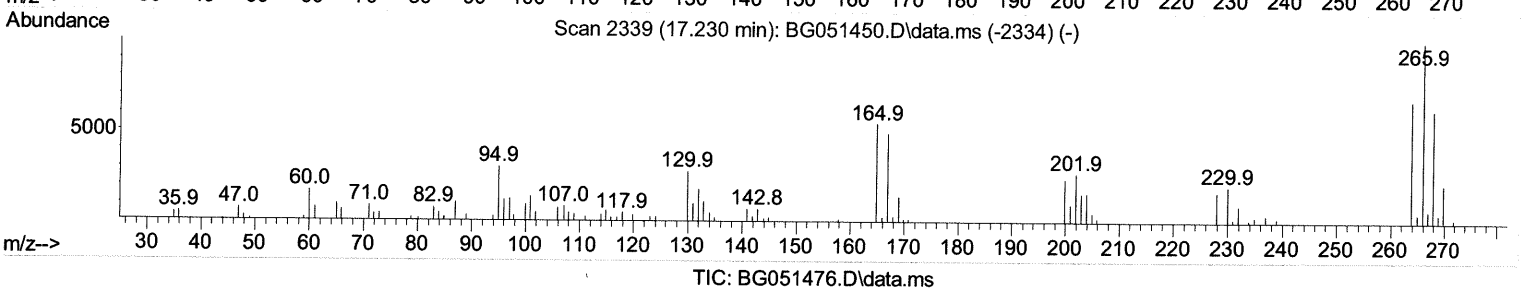

TIC: BG051476.D\data.ms

(71) Pentachlorophenol (C)

17.231min (-0.005) 21.45 ng/ul m 12/6/21 JU

response 21061

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	58.48
268.00	63.80	60.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.183	152	32225	20.000	ng/ul	0.00
20) Naphthalene-d8	11.009	136	147193	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.817	164	96973	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.566	188	220404	20.000	ng/ul	0.00
79) Chrysene-d12	21.867	240	201366	20.000	ng/ul	0.00
88) Perylene-d12	25.263	264	196299	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	8082	8.236	ng/uL	0.00
4) Pyridine-d5	3.971	84	46164	16.383	ng/ul	0.00
7) Phenol-d5	7.361	99	59200	18.046	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.502	67	39624	18.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	44166	18.923	ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	47352	18.374	ng/ul	0.00
21) Nitrobenzene-d5	9.364	128	23423	18.344	ng/ul	0.00
24) 2-Nitrophenol-d4	10.093	143	26308	18.208	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	44124	18.772	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	59525	17.314	ng/ul	0.00
46) Dimethylphthalate-d6	14.211	166	143347	19.104	ng/ul	0.00
49) Acenaphthylene-d8	14.511	160	182526	19.206	ng/ul	0.00
54) 4-Nitrophenol-d4	15.075	143	15295	13.539	ng/ul	0.01
60) Fluorene-d10	15.804	176	130853	19.590	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	24741	18.890	ng/ul	0.00
73) Anthracene-d10	17.666	188	202069	19.594	ng/ul	0.00
81) Pyrene-d10	19.946	212	235481	19.456	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.028	264	201046	19.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.571	88	8032	7.335	ng/uL	96
5) Pyridine	3.994	79	48276	16.413	ng/ul	97
6) Benzaldehyde	7.325	77	42801	20.523	ng/ul	92
8) Phenol	7.390	94	64935	19.338	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.596	93	48897	19.012	ng/ul	97
12) 2-Chlorophenol	7.754	128	45418	18.997	ng/ul	100
13) 2-Methylphenol	8.647	108	46389	18.556	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.706	45	73646	19.029	ng/ul	97
16) Acetophenone	9.023	105	75865	19.010	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.988	70	45231	18.906	ng/ul	99
18) 4-Methylphenol	8.982	108	50644	19.284	ng/ul	98
19) Hexachloroethane	9.264	117	19270	18.640	ng/ul	94
22) Nitrobenzene	9.411	77	66164	19.047	ng/ul	99
23) Isophorone	9.928	82	122214	18.325	ng/ul	99
25) 2-Nitrophenol	10.122	139	27595	19.073	ng/ul	100
26) 2,4-Dimethylphenol	10.181	107	56704	18.507	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.404	93	67178	18.599	ng/ul	96
29) 2,4-Dichlorophenol	10.680	162	42932	18.629	ng/ul	93
30) Naphthalene	11.062	128	153215	18.955	ng/ul	96
32) 4-Chloroaniline	11.186	127	62290	18.012	ng/ul	97
33) Hexachlorobutadiene	11.321	225	29388	18.696	ng/ul	98
34) Caprolactam	11.979	113	16703m>	17.491	ng/ul	> 98
35) 4-Chloro-3-methylphenol	12.314	107	52462	18.327	ng/ul	98

12/16/21 JU

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051476.D
Acq On : 11 Dec 2021 5:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 11 06:47:35 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
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.654	142	102352	18.988	ng/ul	99
37) 1-Methylnaphthalene	12.872	142	105223	18.965	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.019	216	57899	19.175	ng/ul	96
40) Hexachlorocyclopentadiene	12.978	237	35509	22.208	ng/ul	98
41) 2,4,6-Trichlorophenol	13.271	196	37715	19.335	ng/ul	98
42) 2,4,5-Trichlorophenol	13.365	196	39495	18.913	ng/ul	99
43) 1,1'-Biphenyl	13.647	154	139497	19.241	ng/ul	98
44) 2-Chloronaphthalene	13.700	162	110061	19.349	ng/ul	100
45) 2-Nitroaniline	13.924	65	40905	19.025	ng/ul	96
47) Dimethylphthalate	14.258	163	144379	19.092	ng/ul	100
48) 2,6-Dinitrotoluene	14.399	165	30698	19.183	ng/ul	95
50) Acenaphthylene	14.540	152	179515	19.143	ng/ul	99
51) 3-Nitroaniline	14.752	138	30691	19.915	ng/ul	97
52) Acenaphthene	14.881	153	116950	19.007	ng/ul	96
53) 2,4-Dinitrophenol	14.981	184	15332m	18.526	ng/ul	> 12/16/21 JU
55) 4-Nitrophenol	15.093	109	21142m	18.812	ng/ul	
56) Dibenzofuran	15.216	168	169713	19.455	ng/ul	98
57) 2,4-Dinitrotoluene	15.199	165	44140	19.297	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.451	232	32797	20.728	ng/ul	99
59) Diethylphthalate	15.610	149	152636	18.701	ng/ul	100
61) Fluorene	15.862	166	134956	19.103	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.845	204	71679	19.326	ng/ul	93
63) 4-Nitroaniline	15.921	138	27723	20.266	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.962	198	23370	18.353	ng/ul	100
67) N-Nitrosodiphenylamine	16.062	169	121611	19.793	ng/ul	98
68) 4-Bromophenyl-phenylether	16.738	248	44018	19.779	ng/ul	93
69) Hexachlorobenzene	16.867	284	44463	19.601	ng/ul	98
70) Atrazine	17.008	200	49668	18.735	ng/ul	99
71) Pentachlorophenol	17.231	266	21061m	21.446	ng/ul	> 12/16/21 JU
72) Phenanthrene	17.607	178	231109	19.461	ng/ul	99
74) Anthracene	17.701	178	233448	19.638	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.624	216	61780	20.045	ng/uL	97
76) Pentachlorobenzene	15.134	250	56160	20.126	ng/uL	99
77) Carbazole	17.983	167	209990	19.844	ng/ul	100
78) Di-n-butylphthalate	18.495	149	272080	19.178	ng/ul	99
80) Fluoranthene	19.611	202	290673	19.505	ng/ul	97
82) Pyrene	19.975	202	287352	19.649	ng/ul	97
83) Butylbenzylphthalate	20.833	149	118476	18.575	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.756	252	79332	18.656	ng/ul	98
85) Benzo(a)anthracene	21.844	228	260861	19.611	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.697	149	170016	19.191	ng/ul	100
87) Chrysene	21.914	228	248674	19.606	ng/ul	100
89) Di-n-octyl phthalate	22.954	149	289789	20.074	ng/ul	100
90) Benzo(b)fluoranthene	24.176	252	259629	20.135	ng/ul	98
91) Benzo(k)fluoranthene	24.247	252	235924	19.645	ng/ul	99
93) Benzo(a)pyrene	25.105	252	245625	20.000	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.188	276	251942	18.485	ng/ul	97
95) Dibenzo(a,h)anthracene	29.229	278	208831	18.176	ng/ul	97
96) Benzo(g,h,i)perylene	30.422	276	210359	18.455	ng/ul	98

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