Quantitation Report (QT Reviewed)

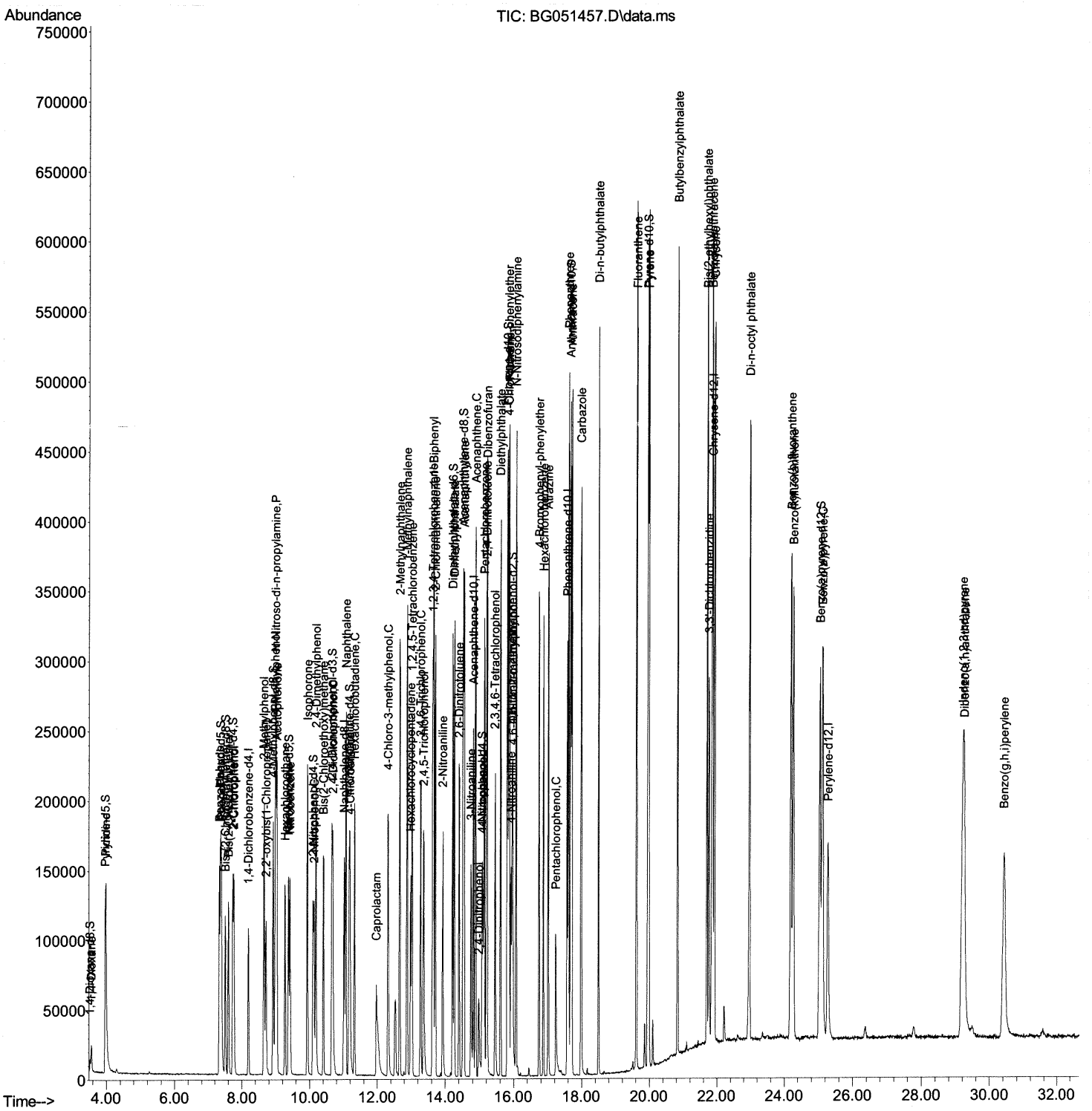
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:29:50 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 :
SLCS295

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
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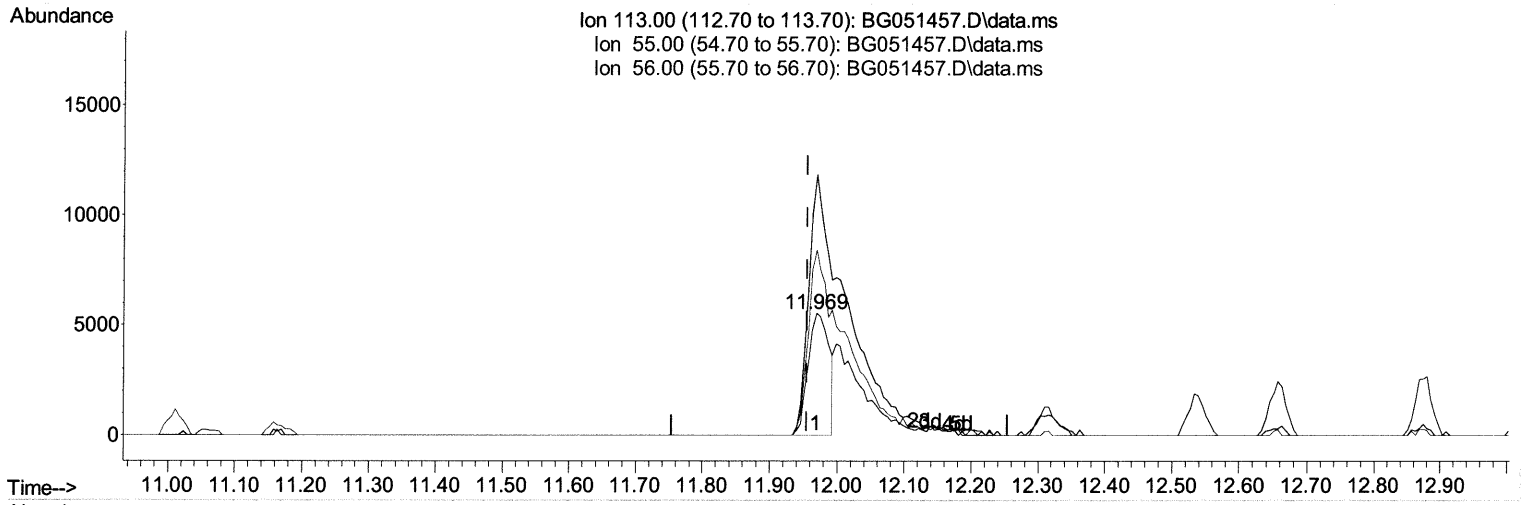

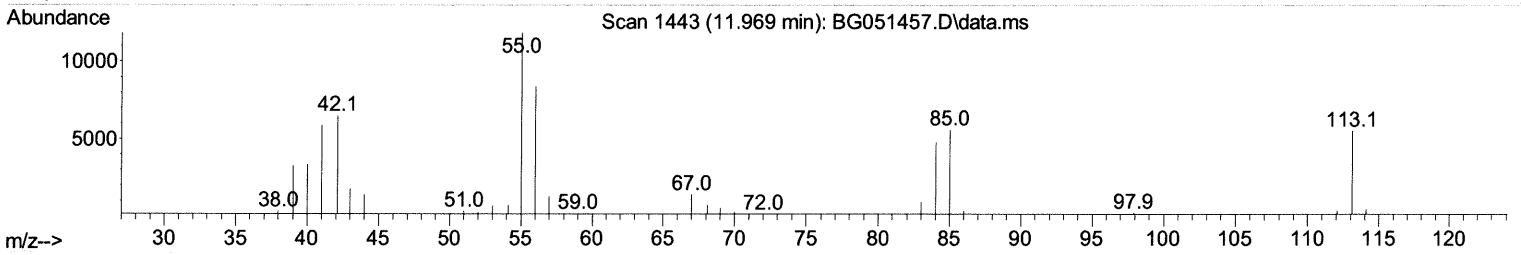

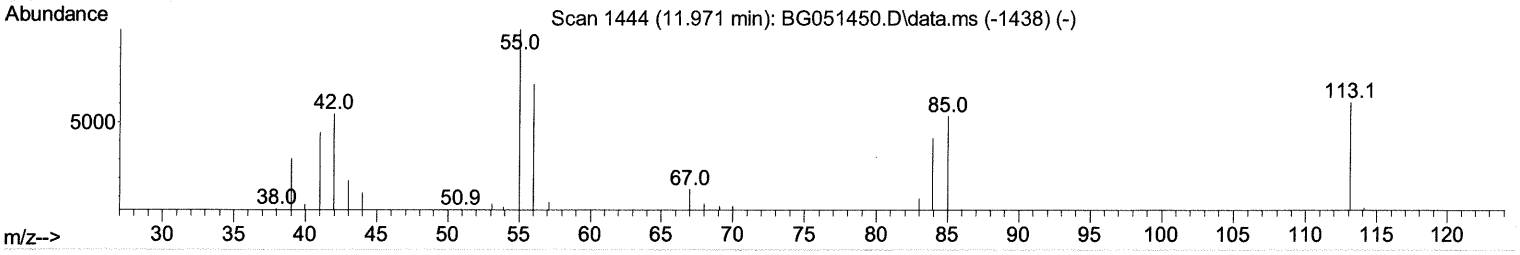

TIC: BG051457.D\data.ms

(34) Caprolactam

11.969min (+ 0.014) 14.21 ng/ul

response 12036

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	213.91
56.00	136.50	151.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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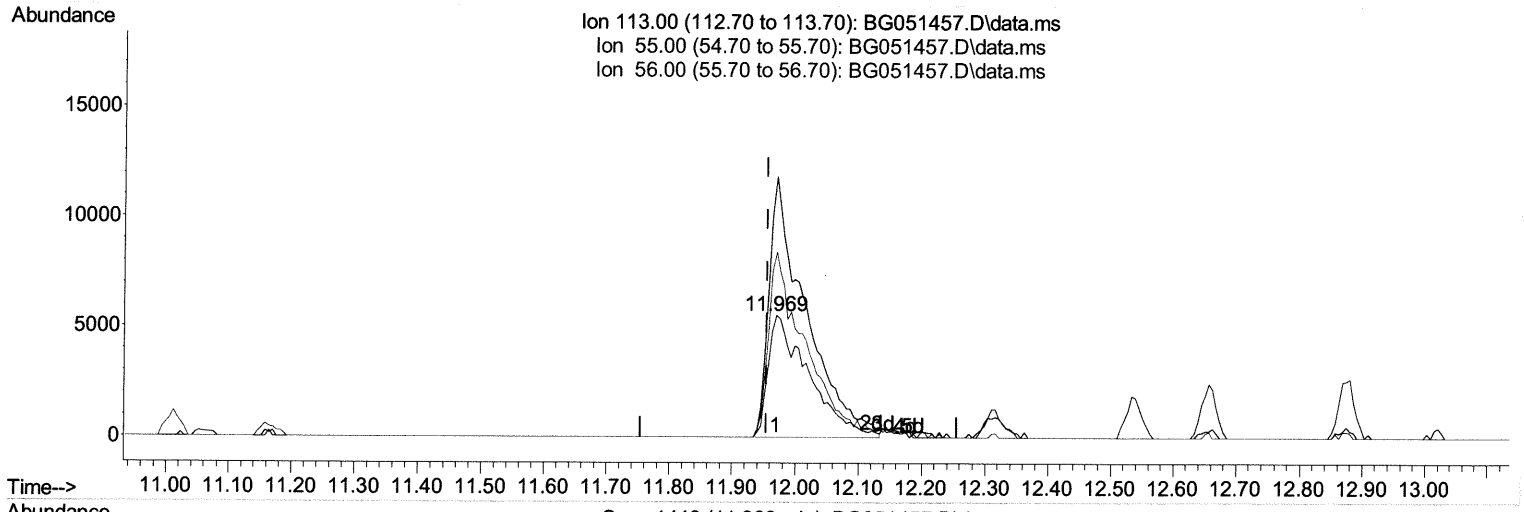

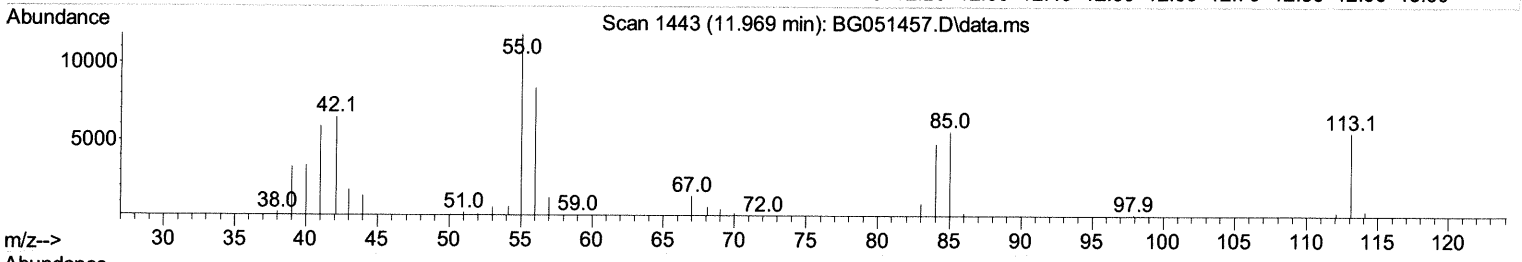

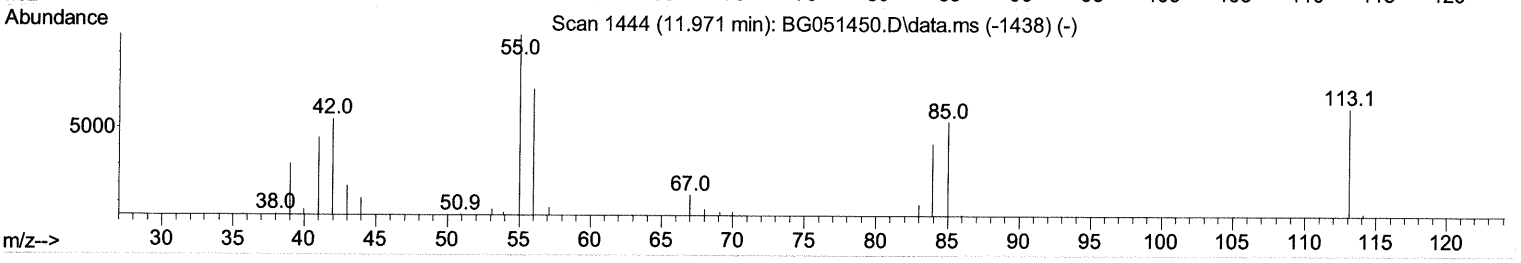

TIC: BG051457.D\data.ms

(34) Caprolactam

11.969min (+ 0.014) 29.00 ng/ul m 12/16/21 JU

response 24554

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	213.91
56.00	136.50	151.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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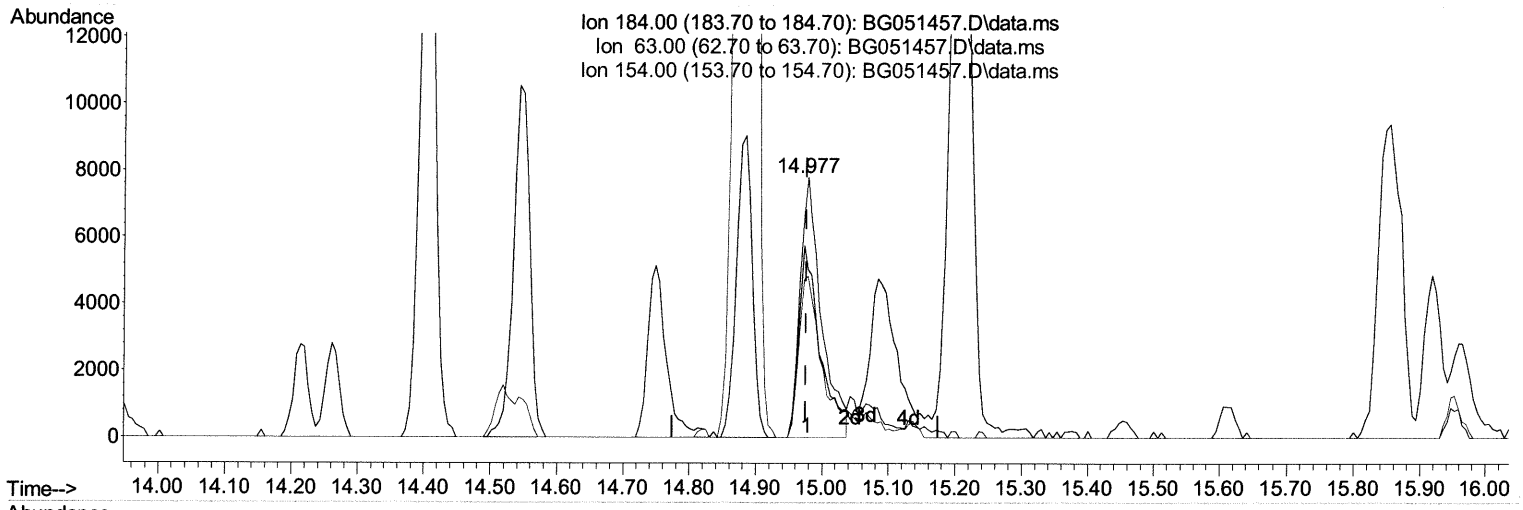

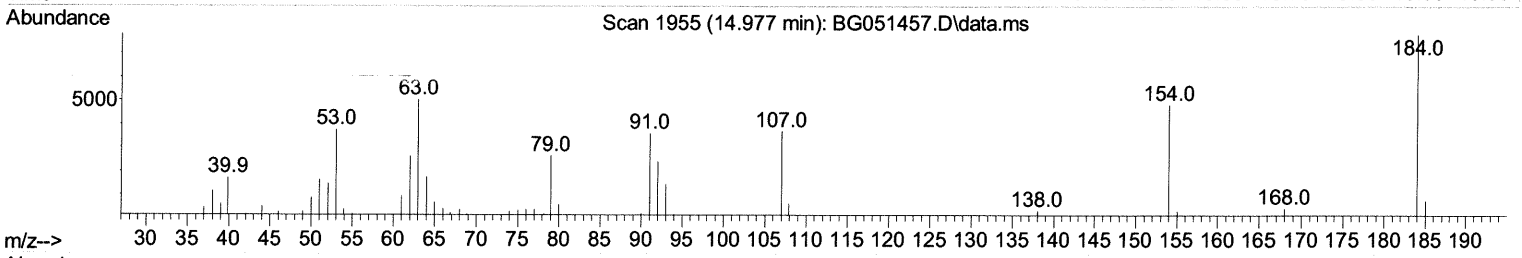

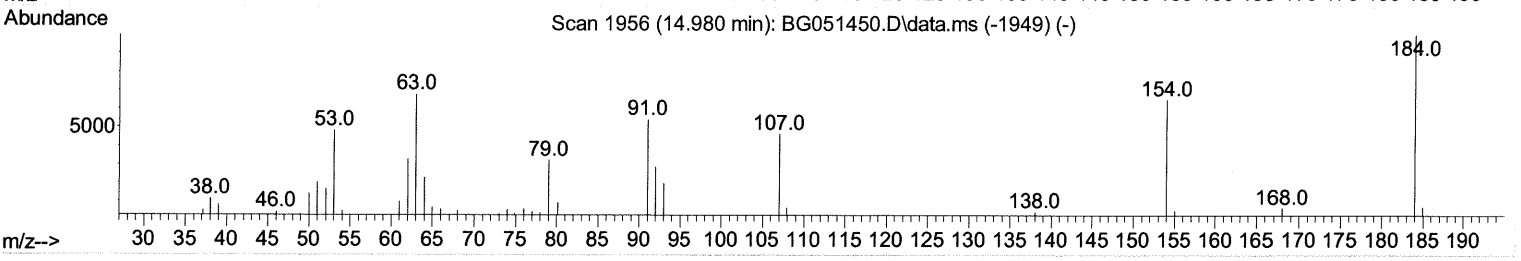

TIC: BG051457.D\data.ms

(53) 2,4-Dinitrophenol

14.977min (+ 0.002) 23.70 ng/ul

response 17420

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	64.53#
154.00	67.00	61.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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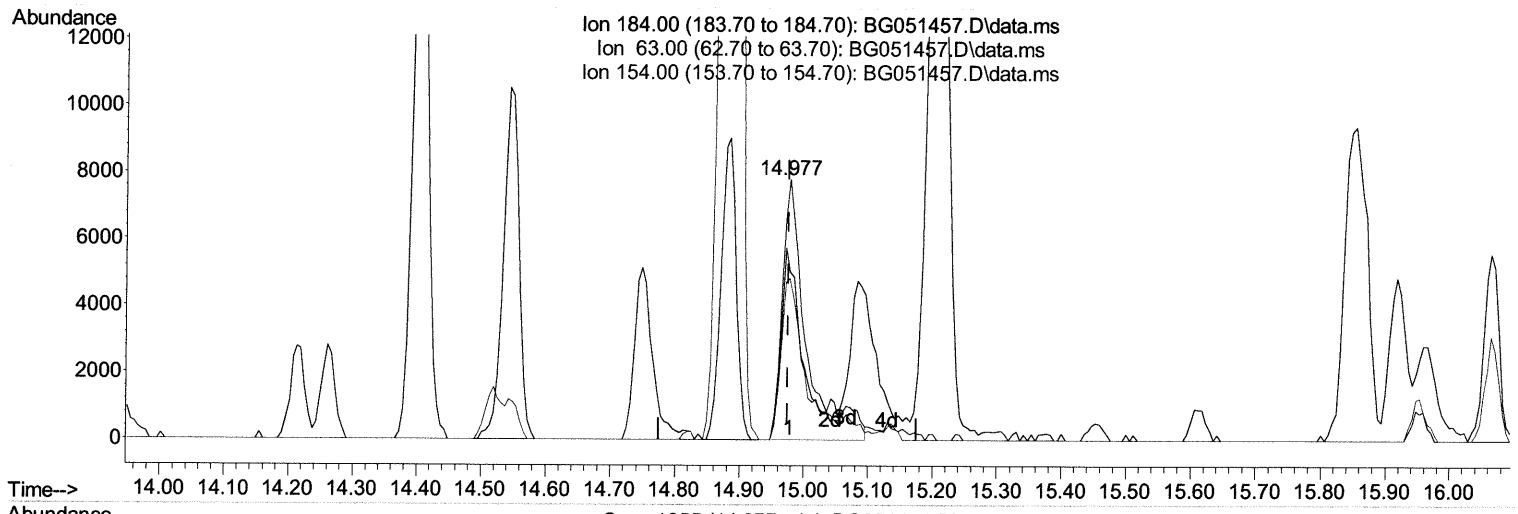
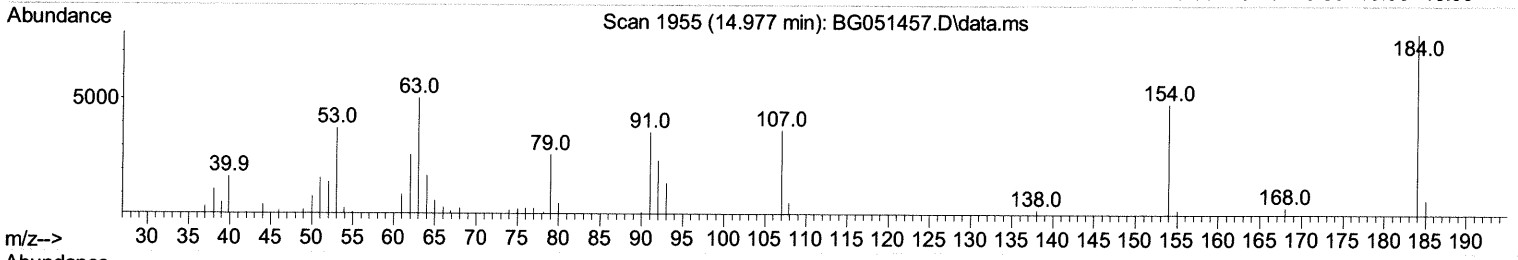
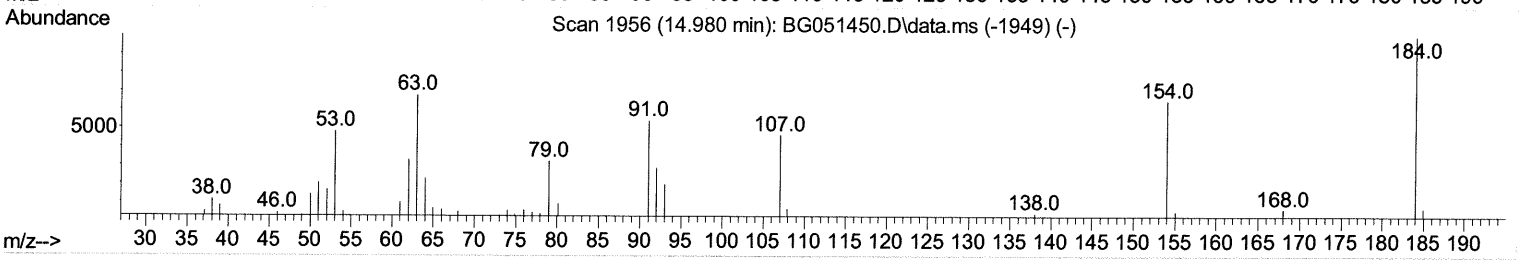
Instrument :
BNA_G
ClientSampleId :
SLCS295

Manual IntegrationsAPPROVED

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







TIC: BG051457.D\data.ms

(53) 2,4-Dinitrophenol

14.977min (+ 0.002) 27.76 ng/ul m 12/11/21 JU

response 20400

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	64.53#
154.00	67.00	61.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:29:50 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 :
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Manual IntegrationsAPPROVED

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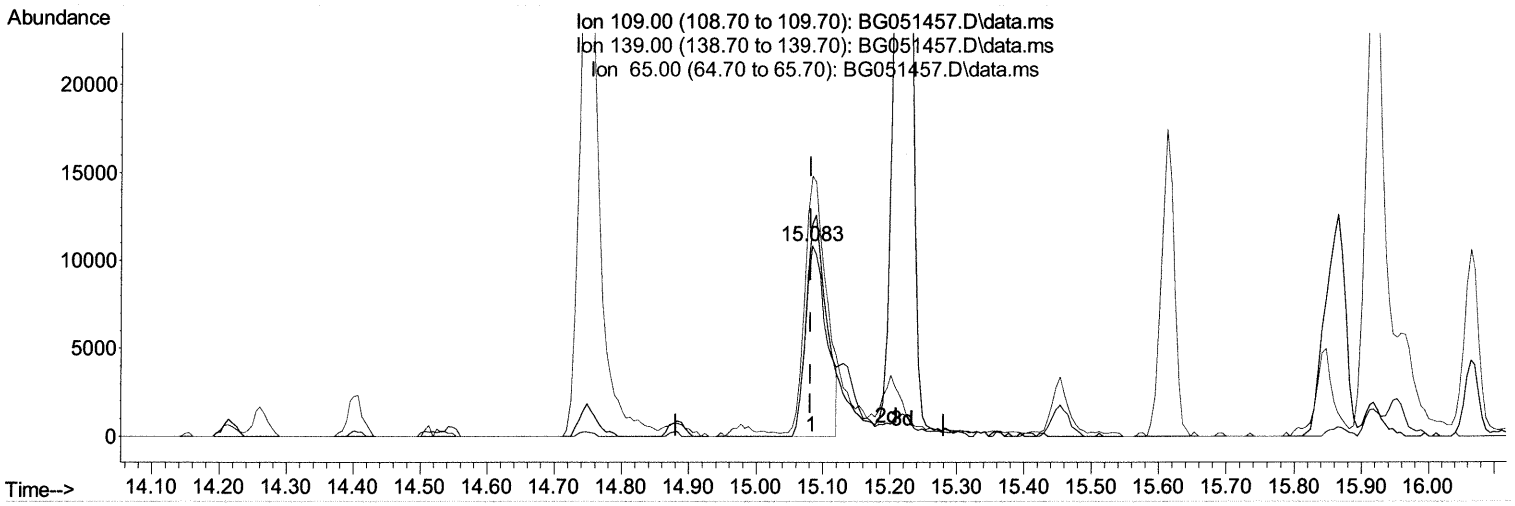

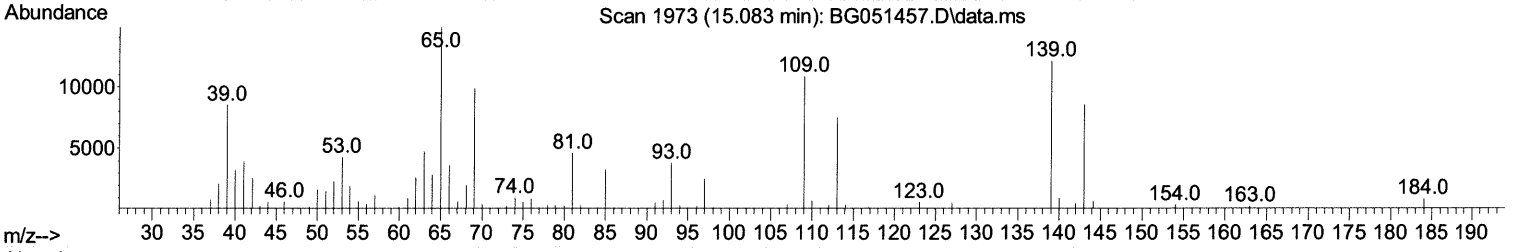

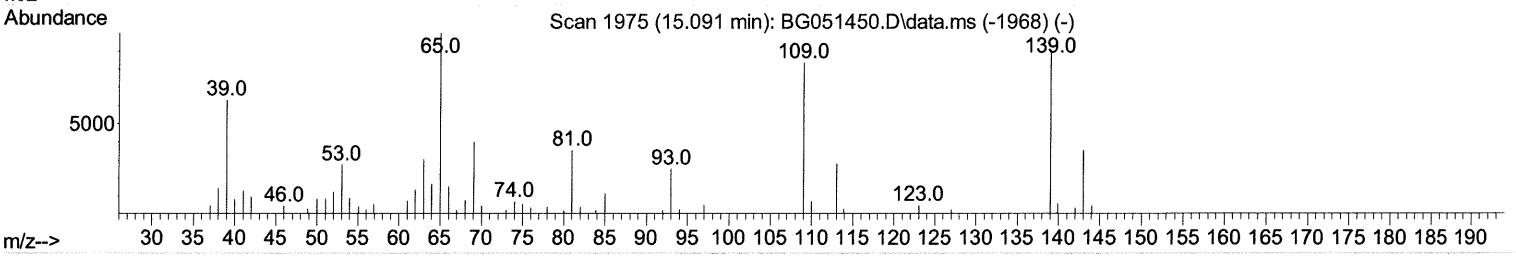

TIC: BG051457.D\data.ms

(55) 4-Nitrophenol

15.083min (+ 0.002) 23.58 ng/ul

response 23534

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	111.24
65.00	142.00	136.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:29:50 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

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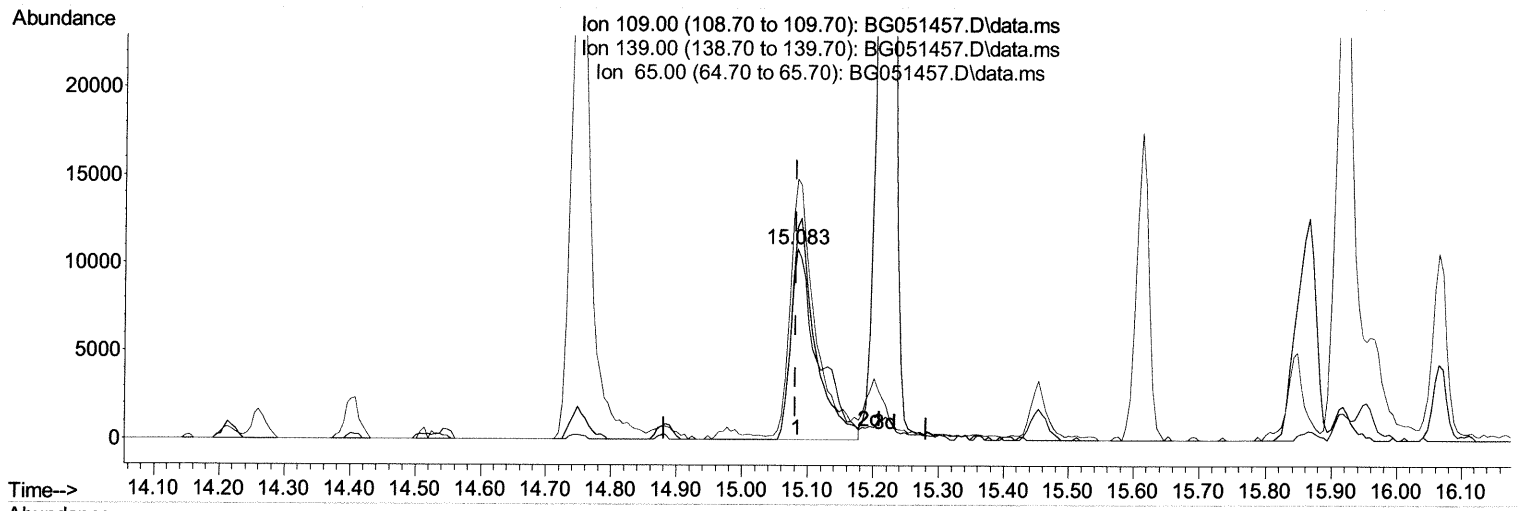

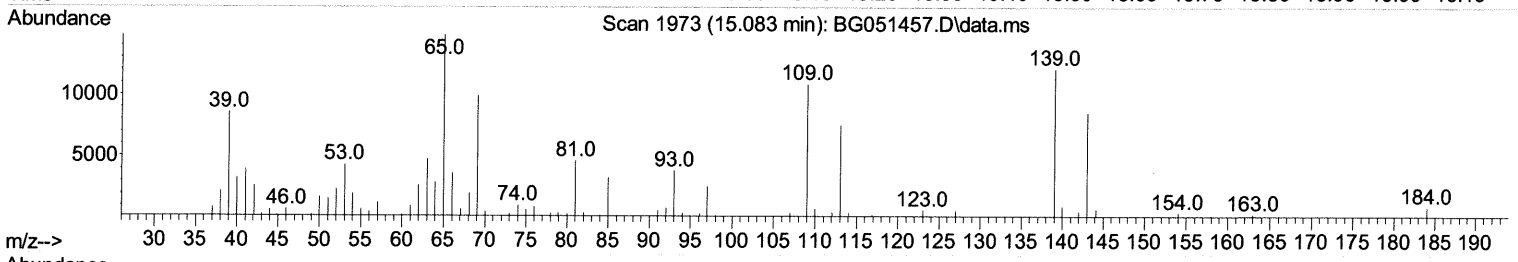

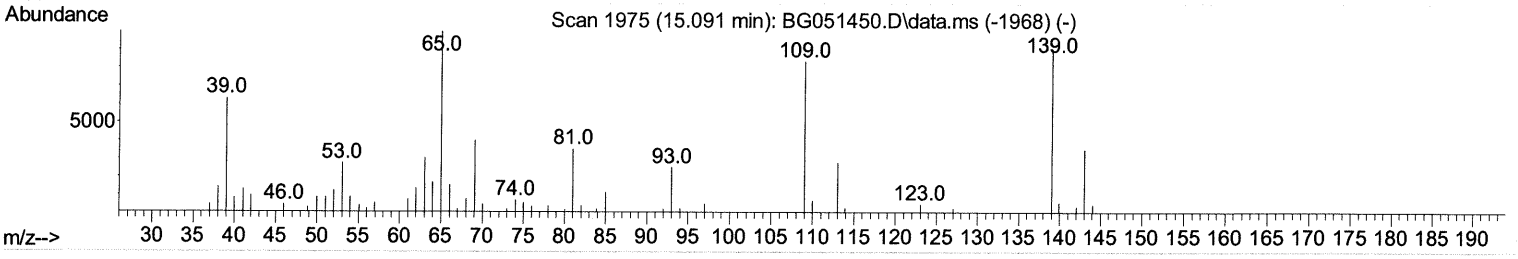

TIC: BG051457.D\data.ms

(55) 4-Nitrophenol

15.083min (+ 0.002) 31.47 ng/ul m 12/16/21 JG

response 31414

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	111.24
65.00	142.00	136.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:29:50 2021
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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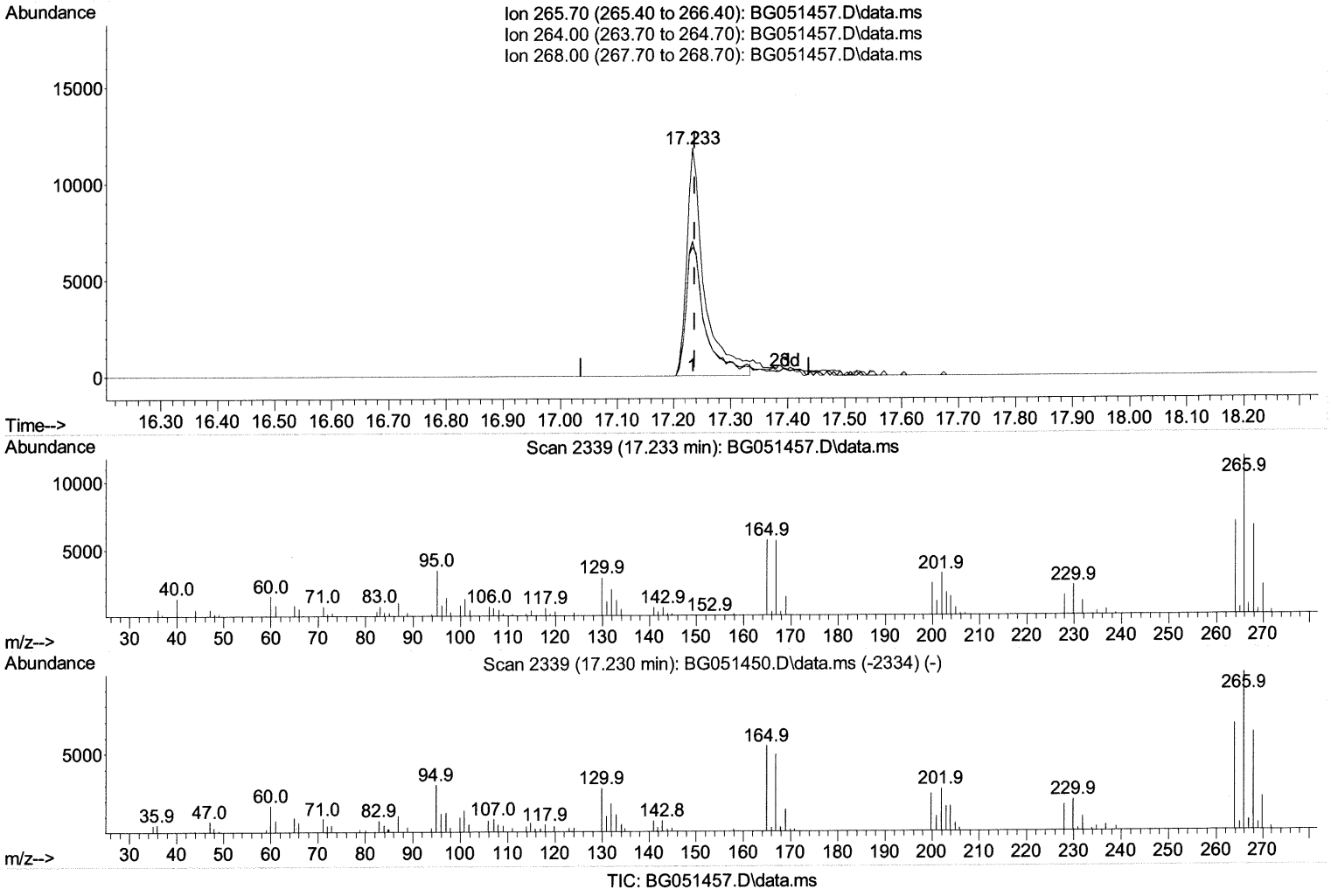

TIC: BG051457.D\data.ms

(71) Pentachlorophenol (C)

17.233min (-0.003) 30.46 ng/ul

response 25469

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.11
268.00	63.80	56.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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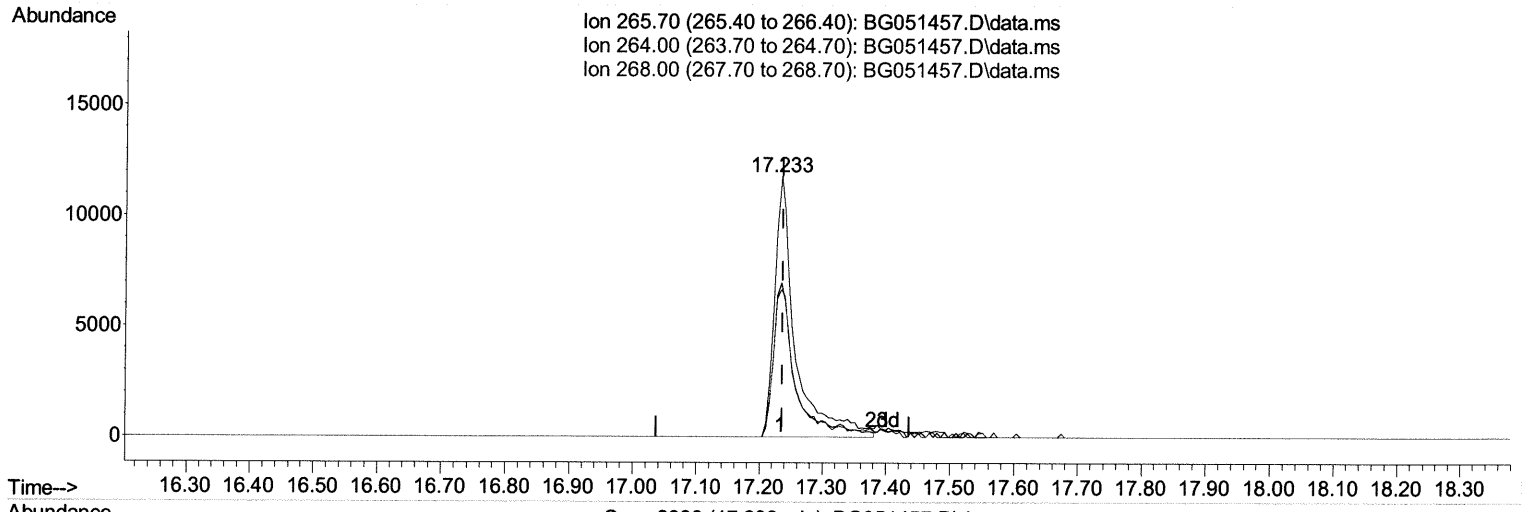

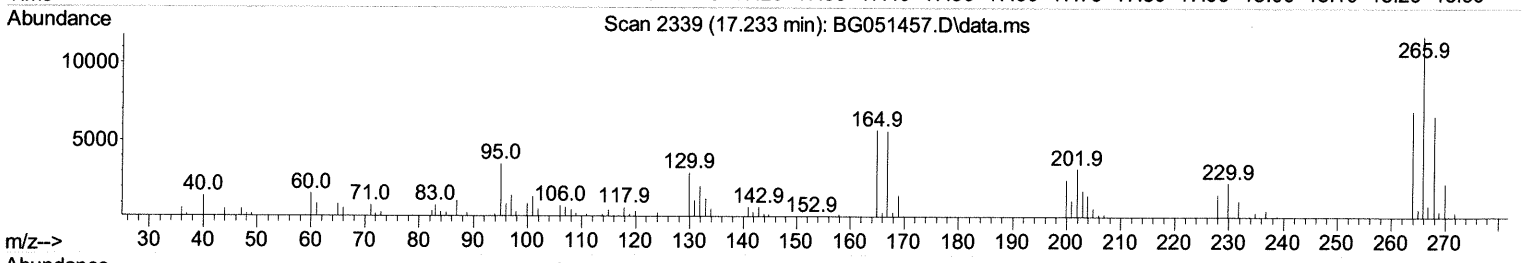

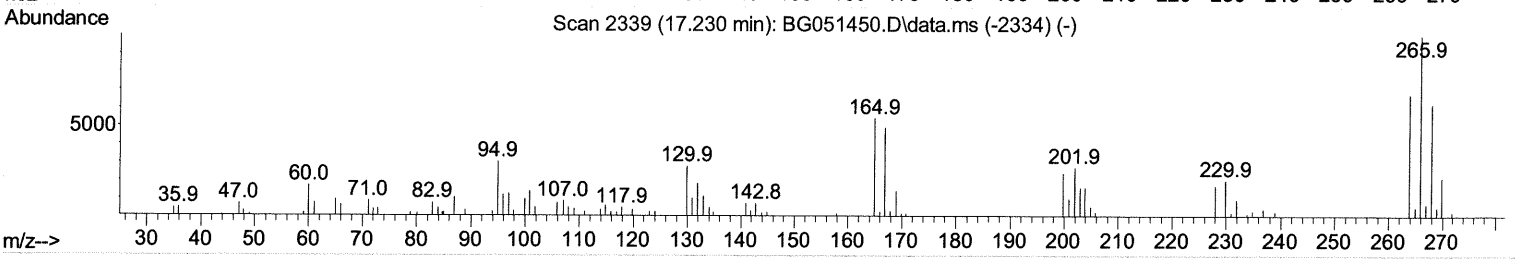

TIC: BG051457.D\data.ms

(71) Pentachlorophenol (C)

17.233min (-0.003) 32.17 ng/ul m 12/16/21 JU

response 26903

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.11
268.00	63.80	56.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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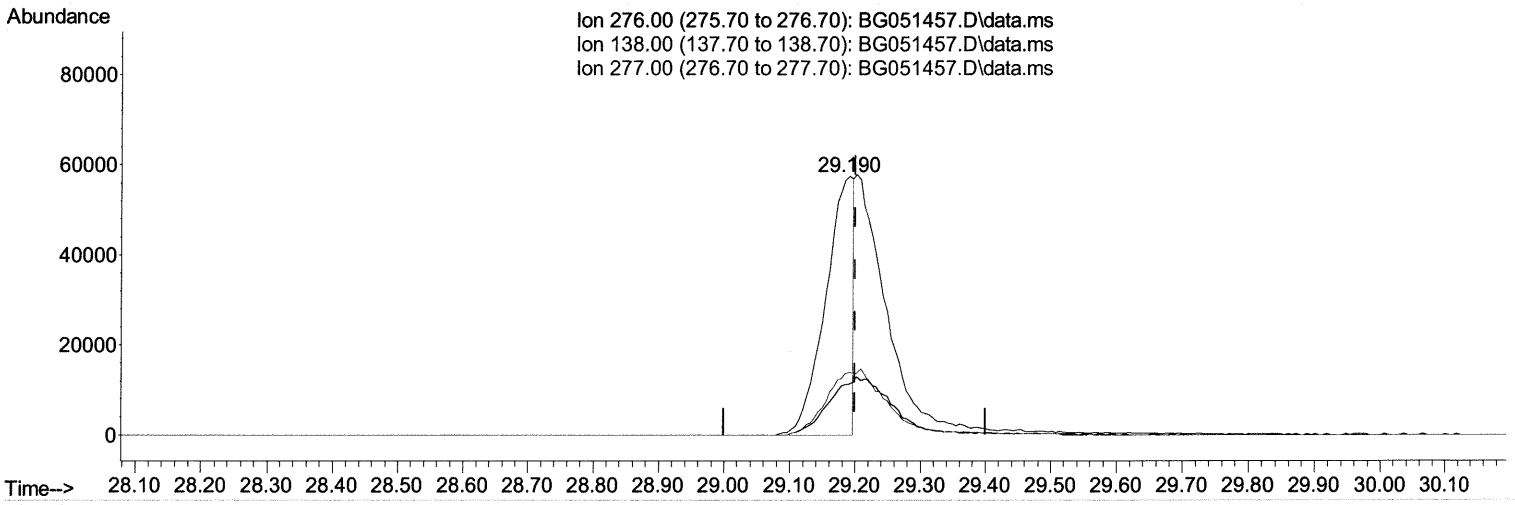

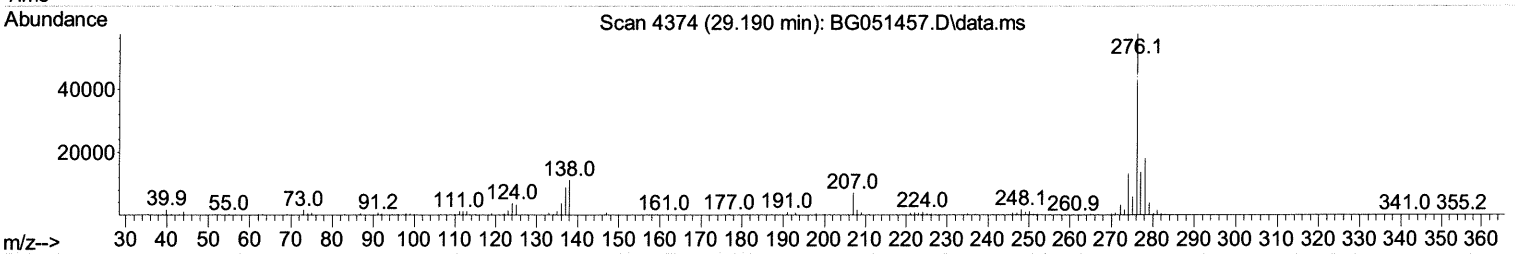

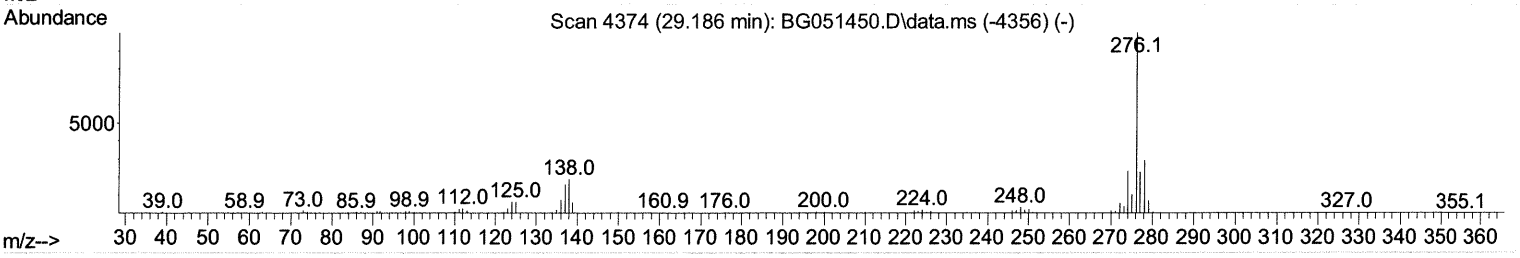

TIC: BG051457.D\data.ms

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

29.190min (-0.009) 15.28 ng/ul

response 170590

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	19.50
277.00	25.60	24.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
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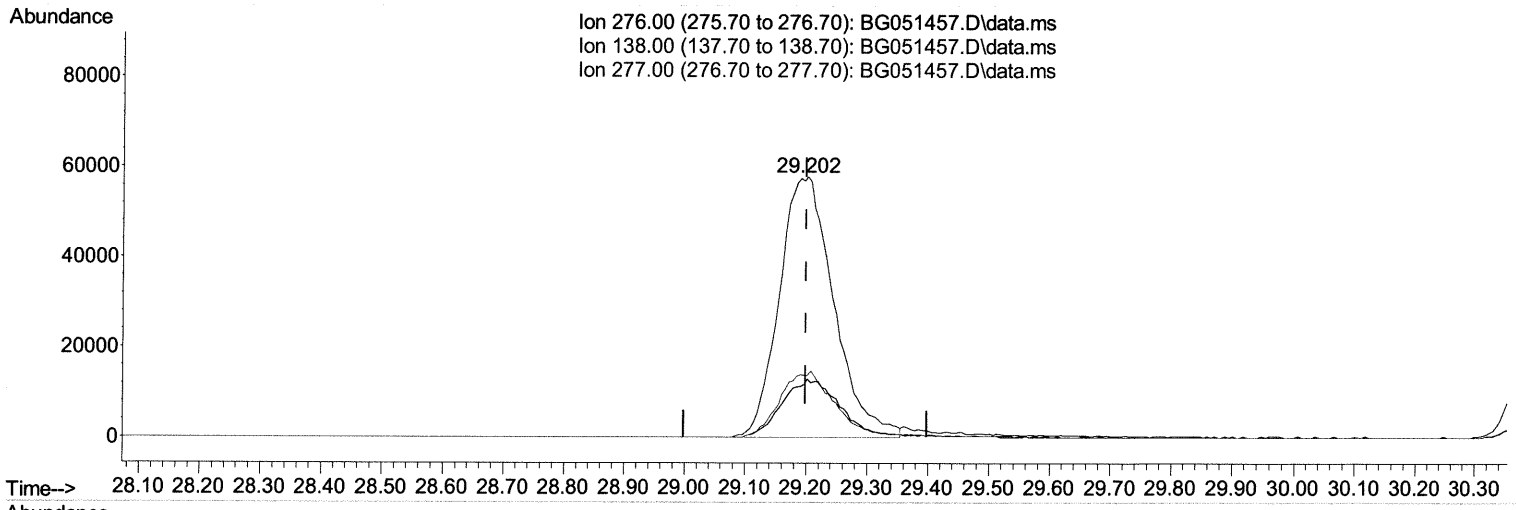

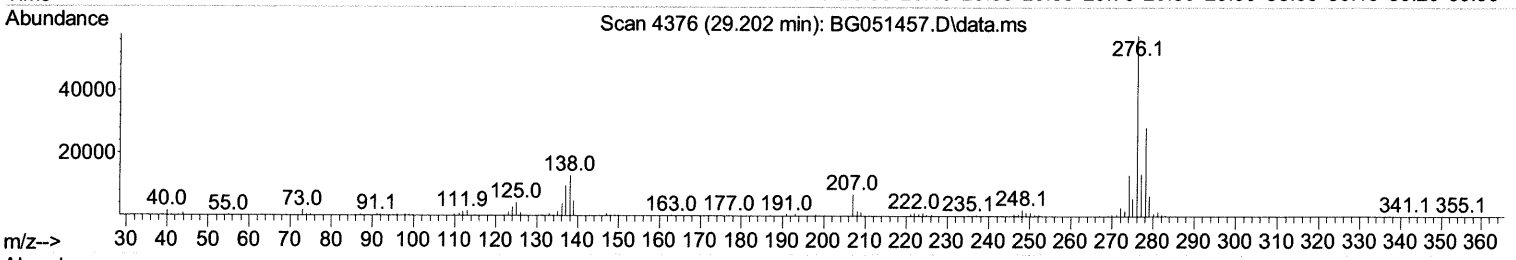

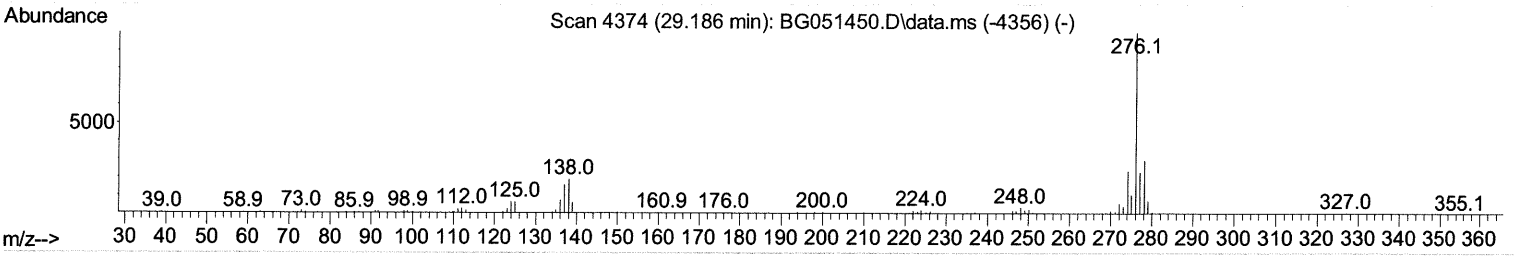

TIC: BG051457.D\data.ms

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

29.202min (+ 0.002) 31.88 ng/ul m 12/16/21-JU

response 355925

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	22.29
277.00	25.60	23.75
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.185	152	29939	20.000	ng/ul	0.00
20) Naphthalene-d8	11.011	136	130521	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.819	164	86118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.568	188	187669	20.000	ng/ul	0.00
79) Chrysene-d12	21.869	240	163174	20.000	ng/ul	0.00
88) Perylene-d12	25.265	264	160811	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	5049	5.538	ng/uL	0.00
4) Pyridine-d5	3.967	84	68051	25.994	ng/ul	0.00
7) Phenol-d5	7.363	99	90392	29.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.504	67	58621	29.992	ng/ul	0.00
11) 2-Chlorophenol-d4	7.721	132	65925	30.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.914	113	70961	29.637	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	34922	30.844	ng/ul	0.00
24) 2-Nitrophenol-d4	10.095	143	39072	30.496	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.653	165	65632	31.489	ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	79882	26.203	ng/ul	0.00
46) Dimethylphthalate-d6	14.213	166	207553	31.147	ng/ul	0.00
49) Acenaphthylene-d8	14.519	160	260822	30.905	ng/ul	0.00
54) 4-Nitrophenol-d4	15.071	143	27226	27.137	ng/ul	0.00
60) Fluorene-d10	15.812	176	186147	31.380	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.953	200	36202	32.462	ng/ul	0.00
73) Anthracene-d10	17.668	188	284566	32.407	ng/ul	0.00
81) Pyrene-d10	19.948	212	330898	33.738	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.036	264	277734	33.484	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	11333	11.140	ng/uL	92
5) Pyridine	3.990	79	72973	26.704	ng/ul	98
6) Benzaldehyde	7.327	77	63873	32.965	ng/ul	94
8) Phenol	7.392	94	95203	30.517	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.598	93	70288	29.416	ng/ul	98
12) 2-Chlorophenol	7.756	128	66870	30.105	ng/ul	96
13) 2-Methylphenol	8.643	108	68978	29.698	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.708	45	106629	29.655	ng/ul	98
16) Acetophenone	9.025	105	109865	29.632	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.990	70	66304	29.830	ng/ul	98
18) 4-Methylphenol	8.978	108	73875	30.277	ng/ul	94
19) Hexachloroethane	9.266	117	28061	29.217	ng/ul	93
22) Nitrobenzene	9.413	77	94978	30.834	ng/ul	99
23) Isophorone	9.930	82	179830	30.408	ng/ul	100
25) 2-Nitrophenol	10.130	139	40208	31.341	ng/ul	98
26) 2,4-Dimethylphenol	10.183	107	83165	30.611	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.406	93	97942	30.580	ng/ul	100
29) 2,4-Dichlorophenol	10.676	162	63801	31.221	ng/ul	98
30) Naphthalene	11.064	128	220367	30.745	ng/ul	99
32) 4-Chloroaniline	11.188	127	82030	26.749	ng/ul	98
33) Hexachlorobutadiene	11.323	225	42733	30.658	ng/ul	97
34) Caprolactam	11.969	113	24554m	28.997	ng/ul	98
35) 4-Chloro-3-methylphenol	12.310	107	78813	31.049	ng/ul	98

12/16/21 JU

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051457.D
Acq On : 10 Dec 2021 15:35
Operator : CG/JU
Sample : PB141295BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:29:50 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 :
SLCS295

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	12.656	142	147387	30.836	ng/ul	97
37) 1-Methylnaphthalene	12.874	142	151076	30.707	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.021	216	84516	31.518	ng/ul	95
40) Hexachlorocyclopentadiene	12.980	237	40006	28.174	ng/ul	95
41) 2,4,6-Trichlorophenol	13.273	196	55741	32.179	ng/ul	98
42) 2,4,5-Trichlorophenol	13.361	196	57683	31.104	ng/ul	99
43) 1,1'-Biphenyl	13.649	154	201006	31.220	ng/ul	98
44) 2-Chloronaphthalene	13.702	162	158274	31.332	ng/ul	98
45) 2-Nitroaniline	13.926	65	59864	31.353	ng/ul	94
47) Dimethylphthalate	14.260	163	208196	31.000	ng/ul	99
48) 2,6-Dinitrotoluene	14.407	165	45110	31.742	ng/ul	93
50) Acenaphthylene	14.548	152	256473	30.797	ng/ul	98
51) 3-Nitroaniline	14.748	138	41225	30.123	ng/ul	97
52) Acenaphthene	14.883	153	169078	30.943	ng/ul	96
53) 2,4-Dinitrophenol	14.977	184	20400m	27.757	ng/ul	12/16/21 JU
55) 4-Nitrophenol	15.083	109	31414m	31.475	ng/ul	
56) Dibenzofuran	15.218	168	239445	30.908	ng/ul	97
57) 2,4-Dinitrotoluene	15.201	165	64316	31.662	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.453	232	46512	33.102	ng/ul	98
59) Diethylphthalate	15.612	149	222623	30.714	ng/ul	100
61) Fluorene	15.864	166	192388	30.665	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.847	204	101145	30.709	ng/ul	95
63) 4-Nitroaniline	15.917	138	40793	33.579	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.964	198	35638	32.869	ng/ul	95
67) N-Nitrosodiphenylamine	16.064	169	172694	33.009	ng/ul	98
68) 4-Bromophenyl-phenylether	16.740	248	63660	33.595	ng/ul	97
69) Hexachlorobenzene	16.869	284	64513	33.401	ng/ul	99
70) Atrazine	17.010	200	70057	31.035	ng/ul	99
71) Pentachlorophenol	17.233	266	26903m	32.173	ng/ul	12/16/21 JU
72) Phenanthrene	17.615	178	330475	32.683	ng/ul	99
74) Anthracene	17.703	178	328794	32.483	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.626	216	88530	33.735	ng/uL	96
76) Pentachlorobenzene	15.136	250	77469	32.605	ng/uL	98
77) Carbazole	17.985	167	298558	33.136	ng/ul	99
78) Di-n-butylphthalate	18.497	149	384855	31.859	ng/ul	99
80) Fluoranthene	19.619	202	405360	33.568	ng/ul	97
82) Pyrene	19.977	202	391291	33.019	ng/ul	99
83) Butylbenzylphthalate	20.835	149	167923	32.490	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.758	252	99648	28.918	ng/ul	99
85) Benzo(a)anthracene	21.852	228	360209	33.418	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.705	149	237798	33.124	ng/ul	98
87) Chrysene	21.922	228	345696	33.636	ng/ul	99
89) Di-n-octyl phthalate	22.956	149	401592	33.957	ng/ul	100
90) Benzo(b)fluoranthene	24.184	252	351560	33.281	ng/ul	99
91) Benzo(k)fluoranthene	24.255	252	335741	34.126	ng/ul	99
93) Benzo(a)pyrene	25.112	252	340247	33.818	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.202	276	355925m	31.876	ng/ul	12/16/21 JU
95) Dibenzo(a,h)anthracene	29.243	278	296452	31.496	ng/ul	99
96) Benzo(g,h,i)perylene	30.424	276	291591	31.227	ng/ul	98

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