Quantitation Report (QT Reviewed)

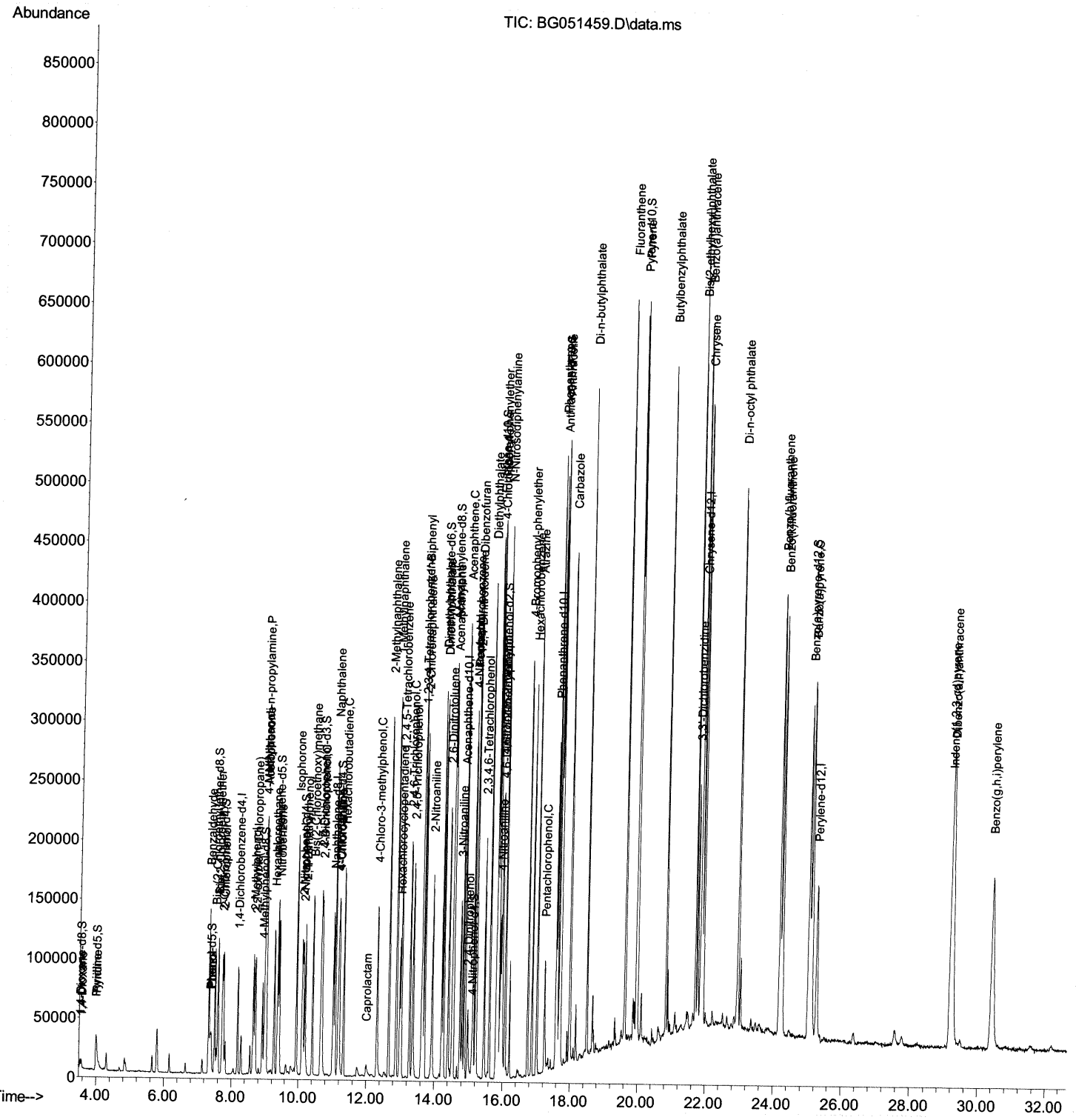
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051459.D
Acq On : 10 Dec 2021 16:56
Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 01:30:26 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 :
EW5R8MS

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 : BG051459.D
Acq On : 10 Dec 2021 16:56
Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 01:30:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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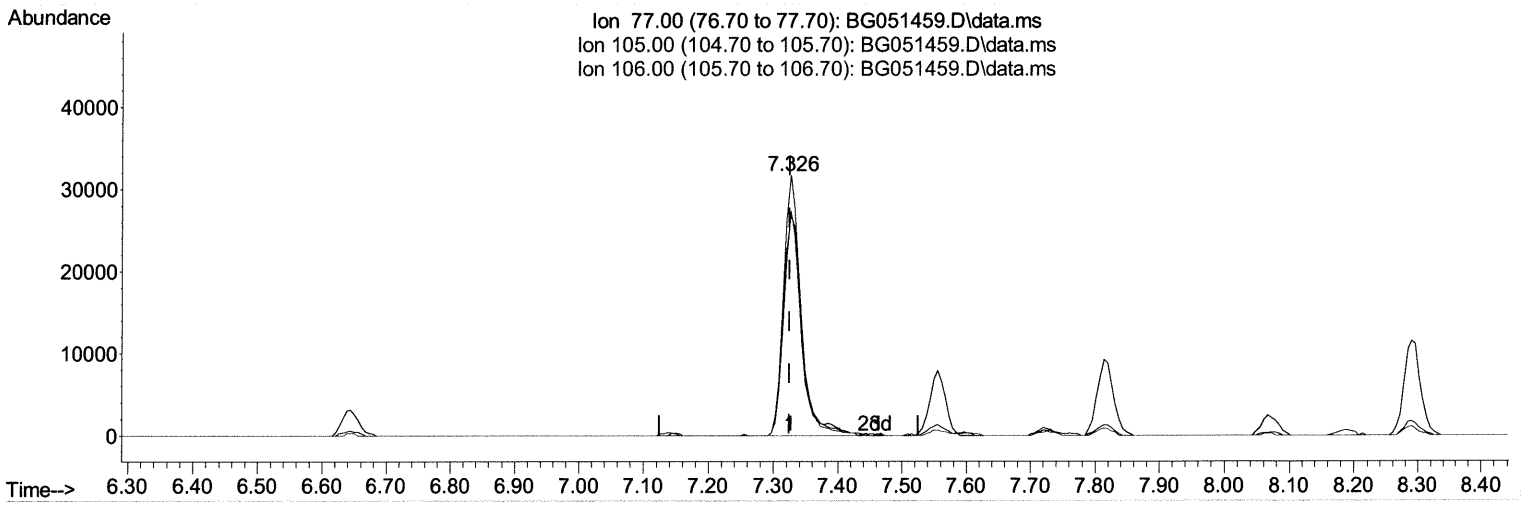

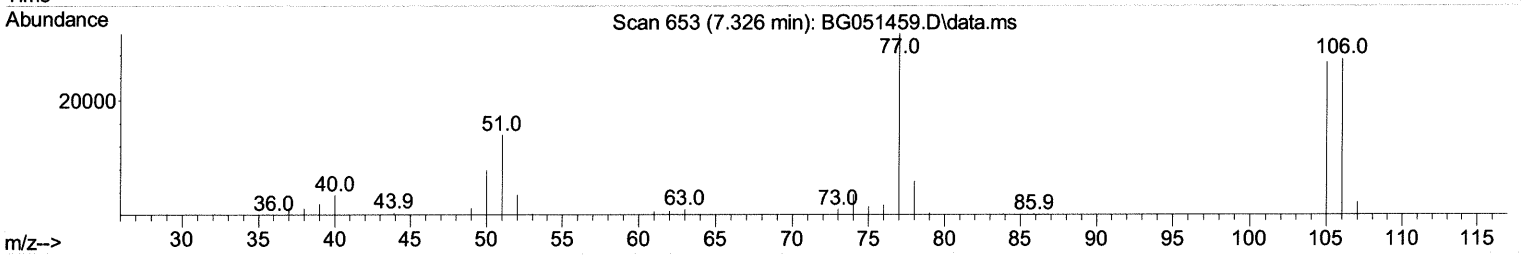

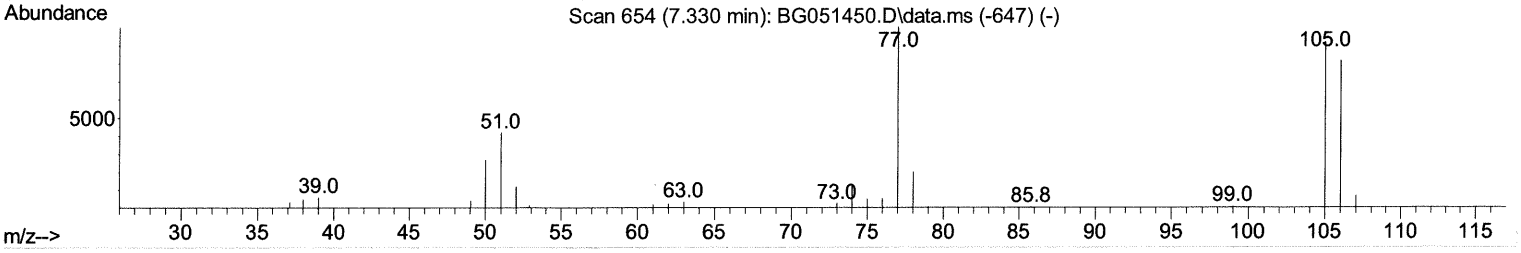

TIC: BG051459.D\data.ms

(6) Benzaldehyde

7.326min (+ 0.001) 36.57 ng/ul

response 60036

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	84.58
106.00	76.50	86.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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BNA_G
ClientSampleId :
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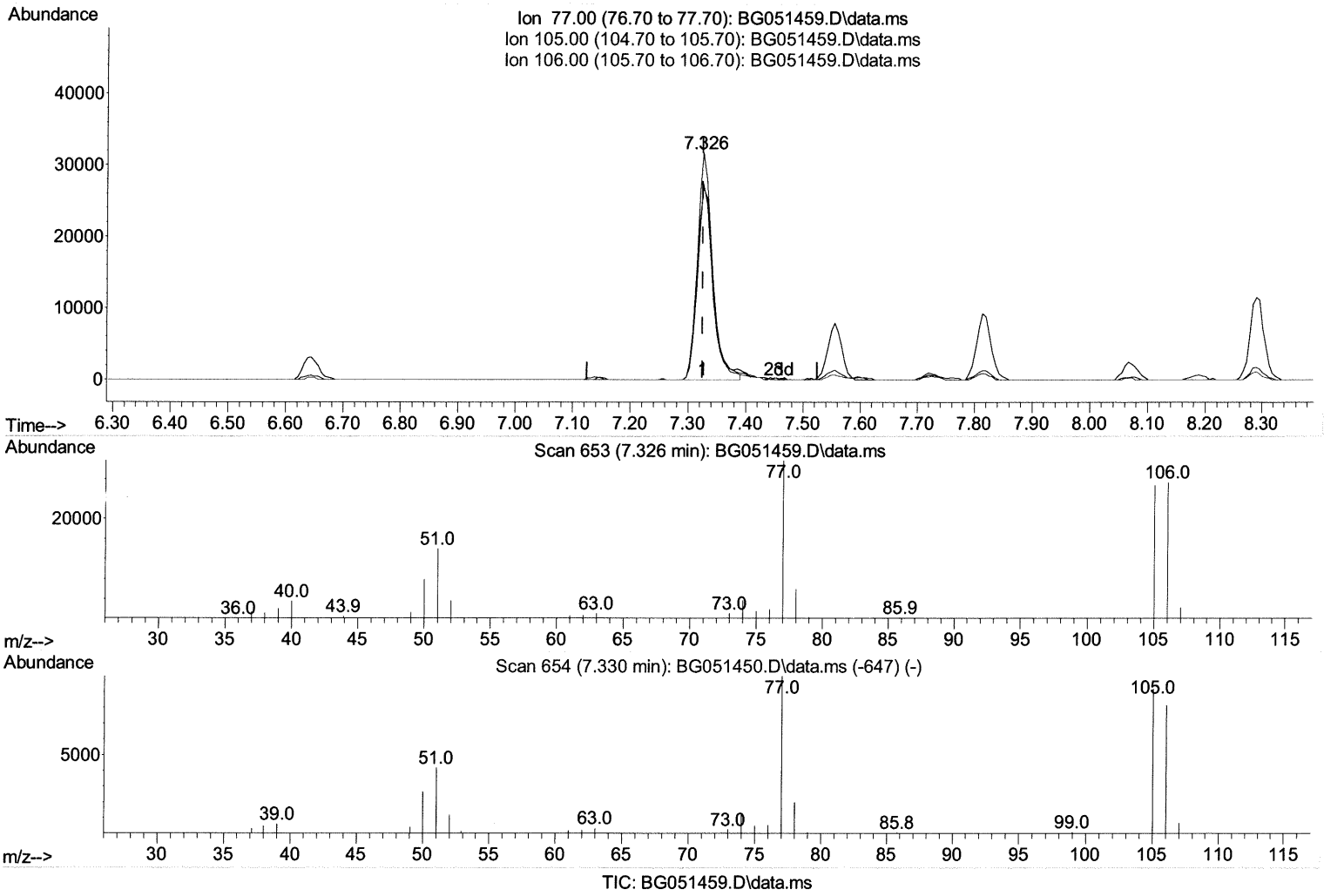
Manual IntegrationsAPPROVED

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



TIC: BG051459.D\data.ms

(6) Benzaldehyde

7.326min (+ 0.001) 35.80 ng/ul m 12/11/21 JU

response 58771

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	84.58
106.00	76.50	86.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051459.D
Acq On : 10 Dec 2021 16:56
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Manual IntegrationsAPPROVED

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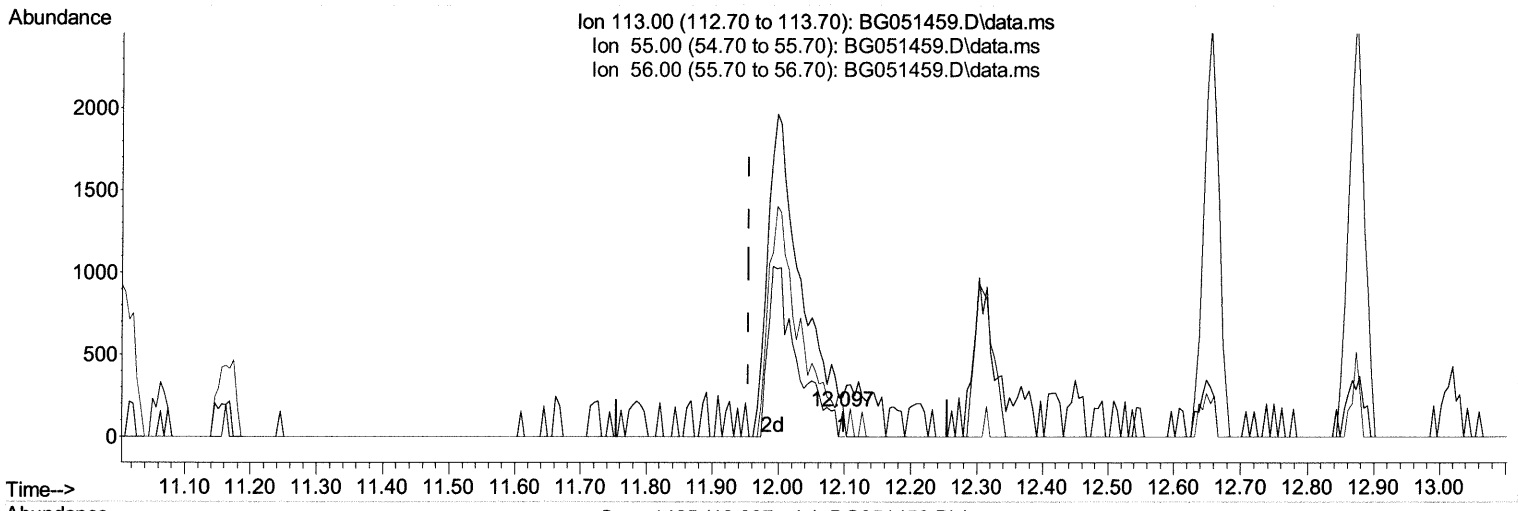

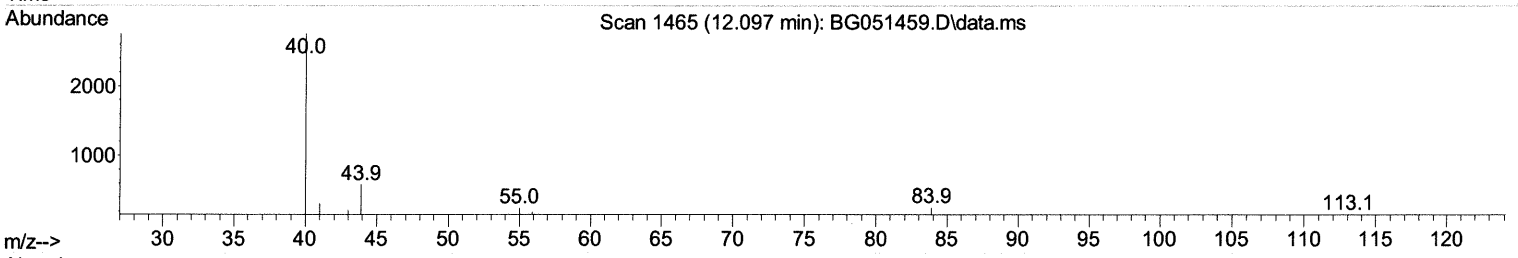

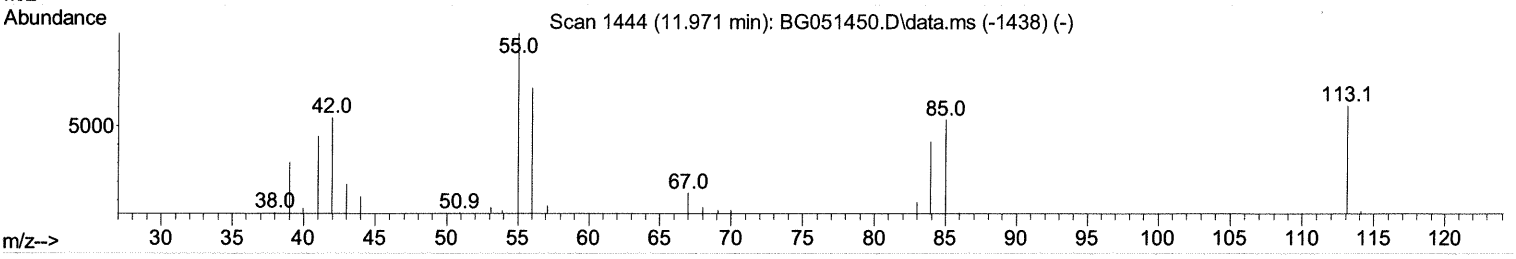

TIC: BG051459.D\data.ms

(34) Caprolactam

12.097min (+ 0.142) 0.07 ng/ul

response 55

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	155.77
56.00	136.50	122.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 01:30:26 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
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BNA_G
ClientSampleId :
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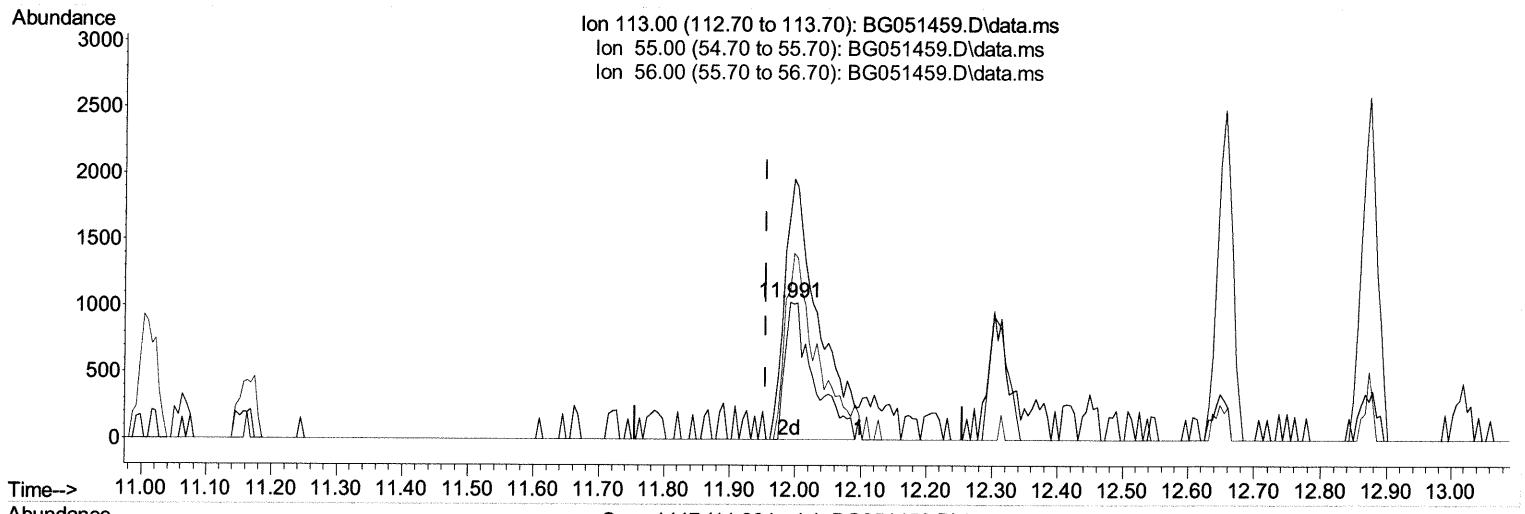
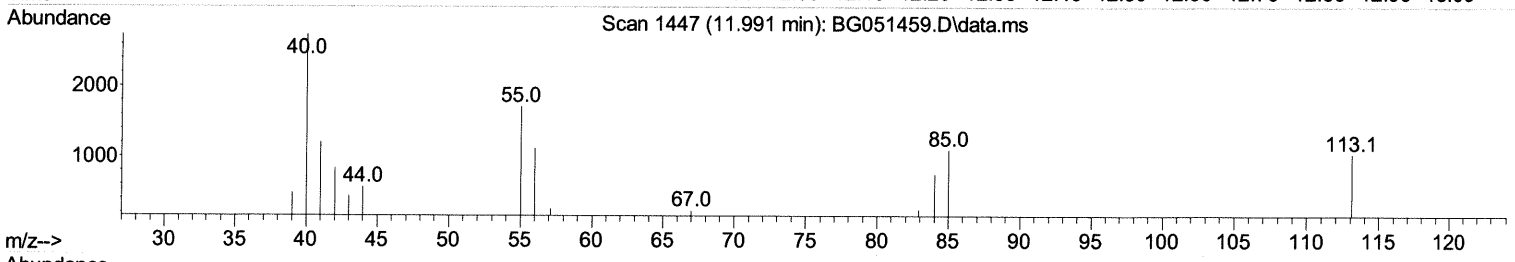
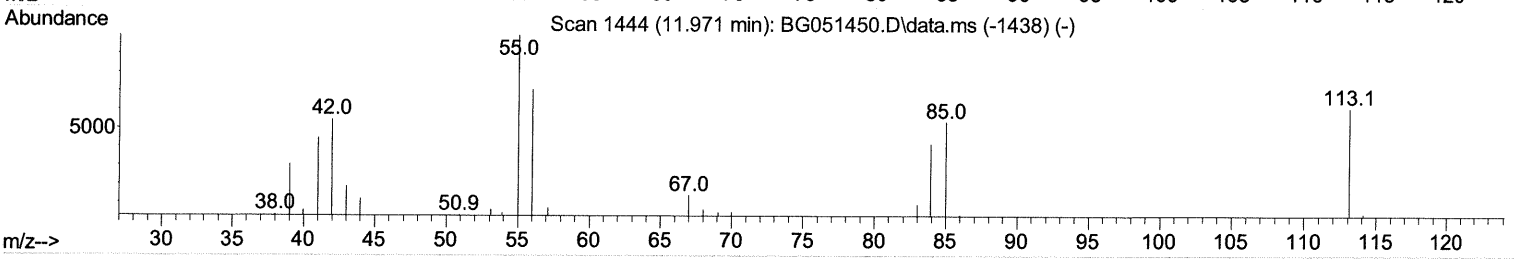
Manual IntegrationsAPPROVED

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







TIC: BG051459.D\data.ms

(34) Caprolactam

11.991min (+ 0.036) 4.33 ng/ul m 12/6/21 Ju

response 3199

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.86
56.00	136.50	108.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051459.D
Acq On : 10 Dec 2021 16:56
Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 01:30:26 2021
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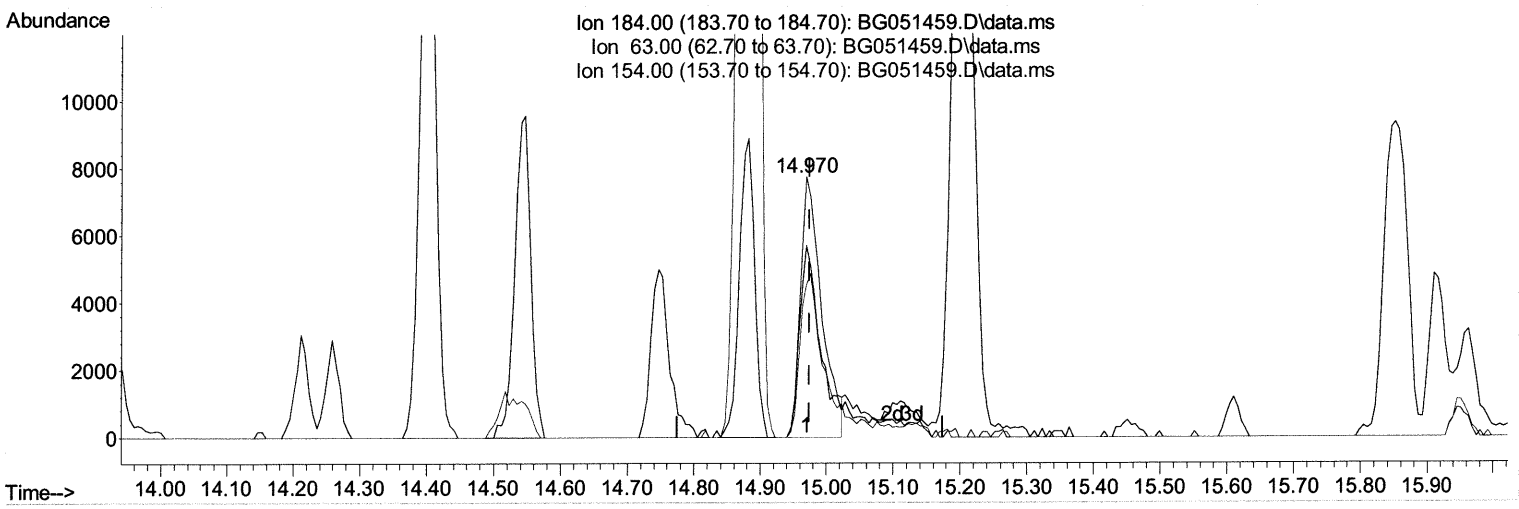
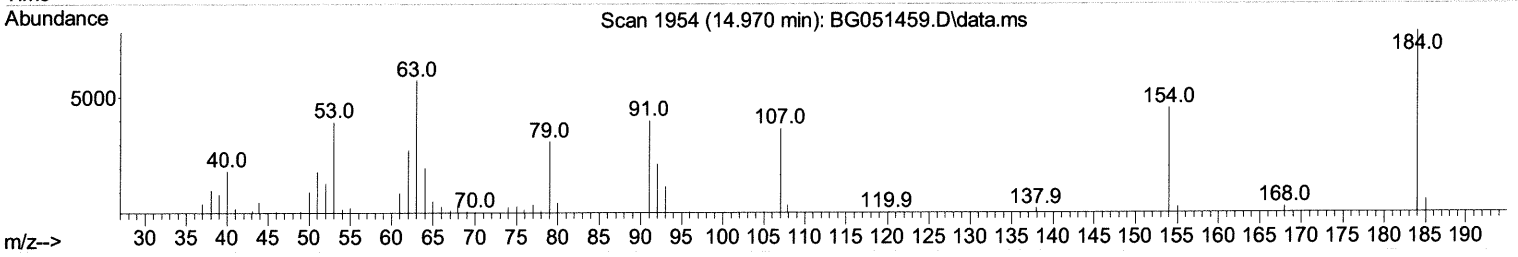
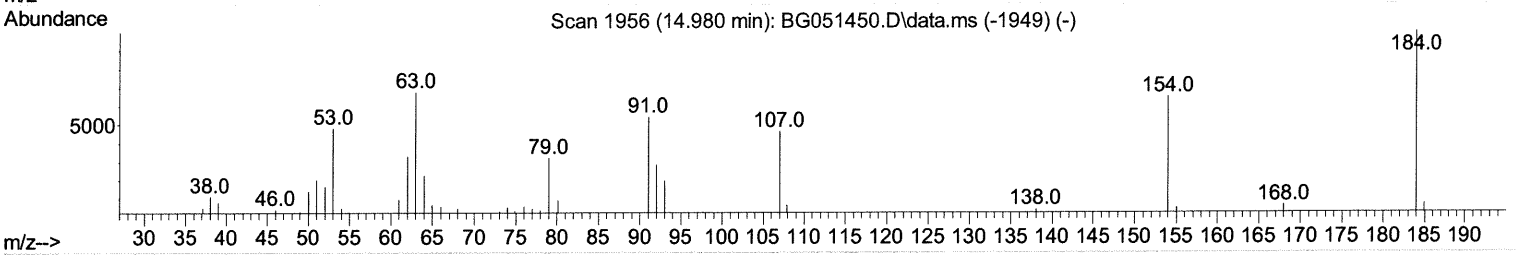
Instrument :
BNA_G
ClientSampleId :
EW5R8MS

Manual IntegrationsAPPROVED

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







TIC: BG051459.D\data.ms

(53) 2,4-Dinitrophenol

14.970min (-0.005) 26.95 ng/ul

response 17182

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	73.65
154.00	67.00	58.67
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 16:56
Operator : CG/JU
Sample : M4985-14MS
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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 01:30:26 2021
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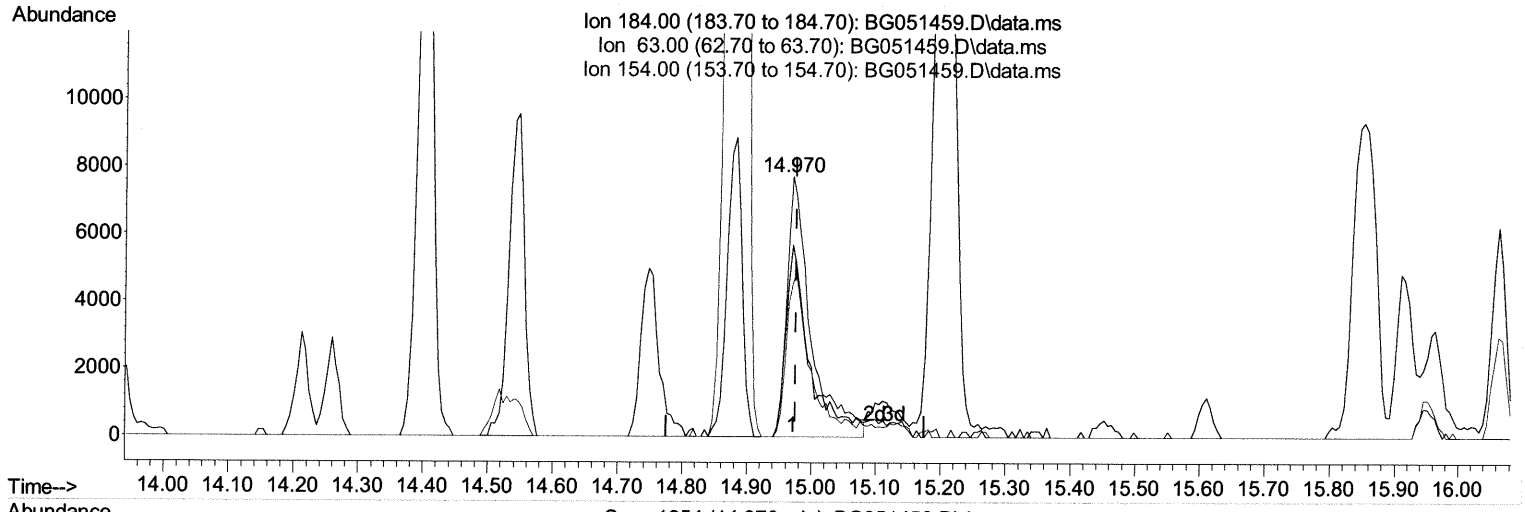
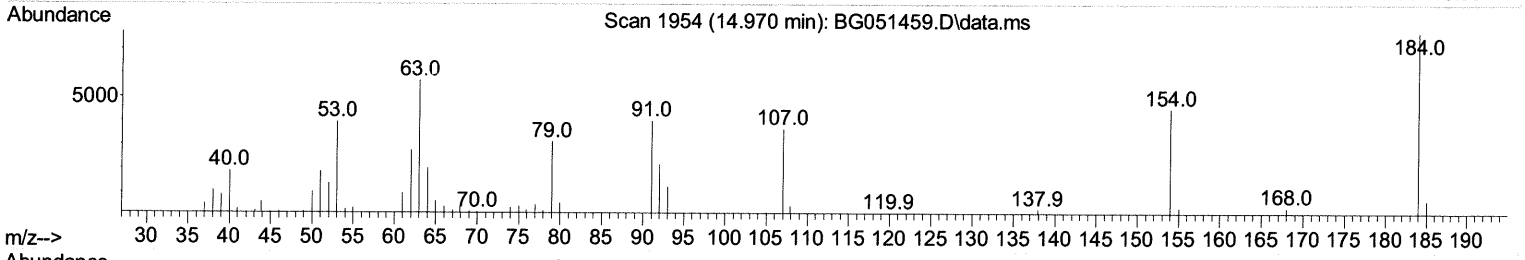
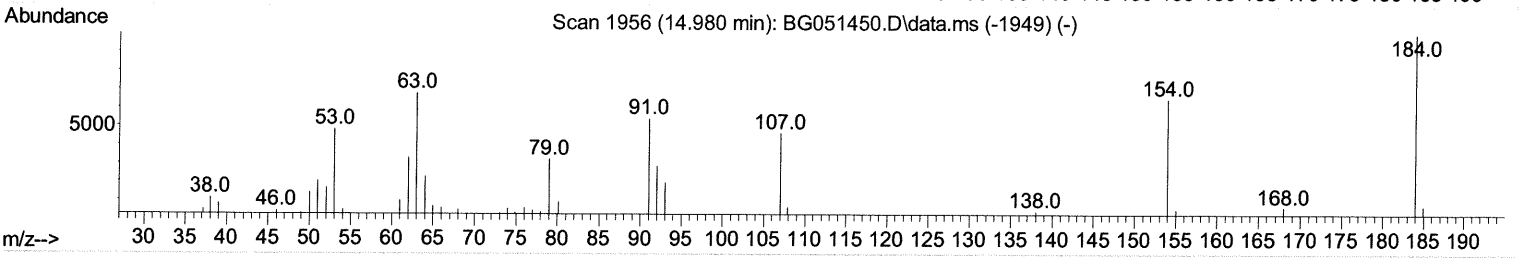
Instrument :
BNA_G
ClientSampleId :
EW5R8MS

Manual IntegrationsAPPROVED

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







TIC: BG051459.D\data.ms

(53) 2,4-Dinitrophenol

14.970min (-0.005) 31.15 ng/ul m 12/6/21 JU

response 19865

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	73.65
154.00	67.00	58.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051459.D
Acq On : 10 Dec 2021 16:56
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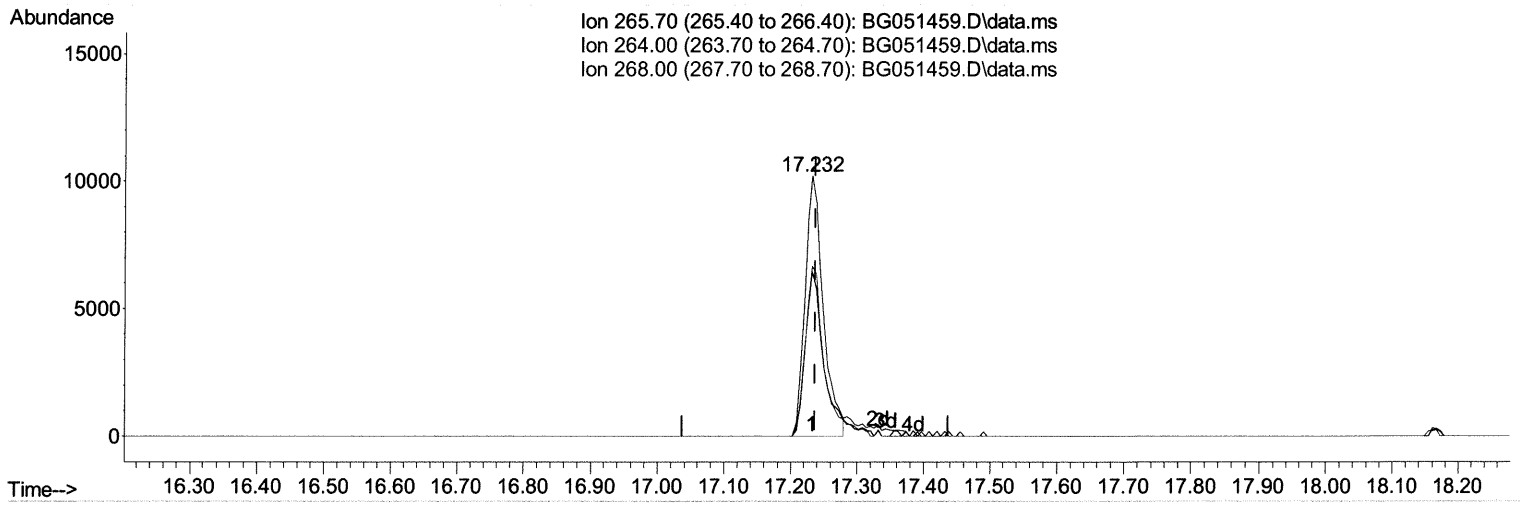

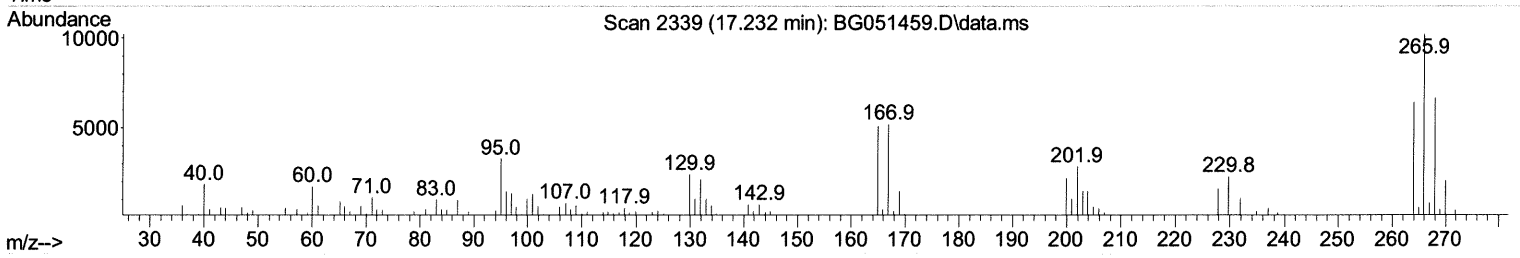

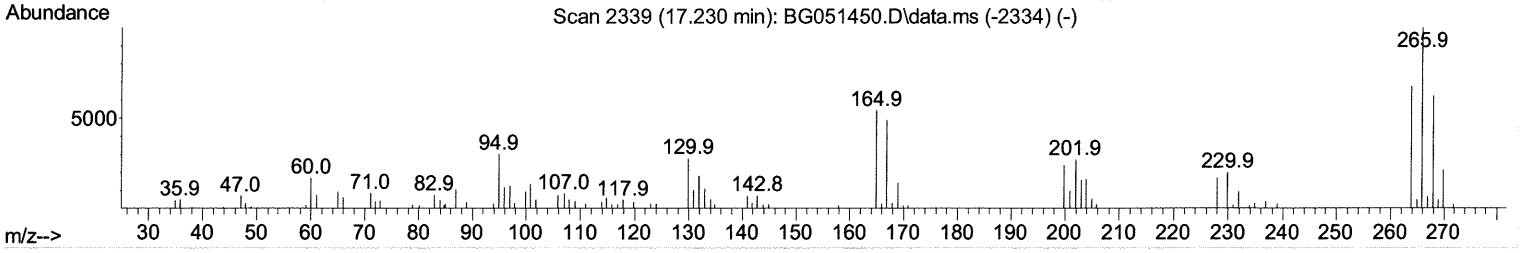

TIC: BG051459.D\data.ms

(71) Pentachlorophenol (C)

17.232min (-0.005) 26.06 ng/ul

response 19429

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	63.02
268.00	63.80	65.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051459.D
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BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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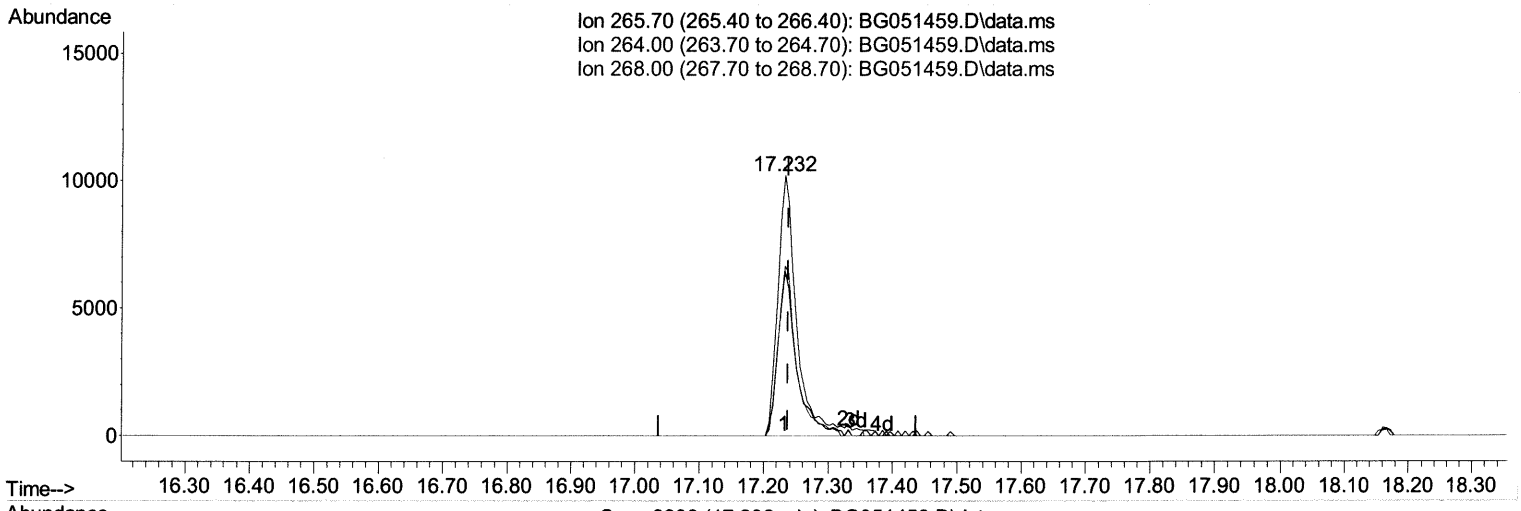

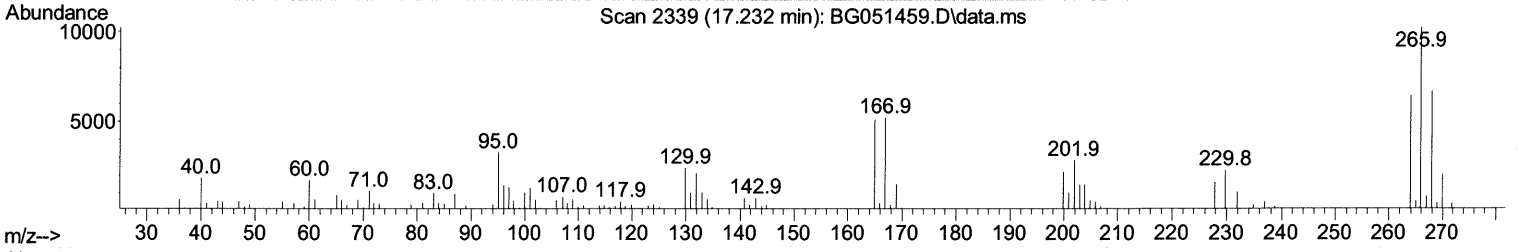

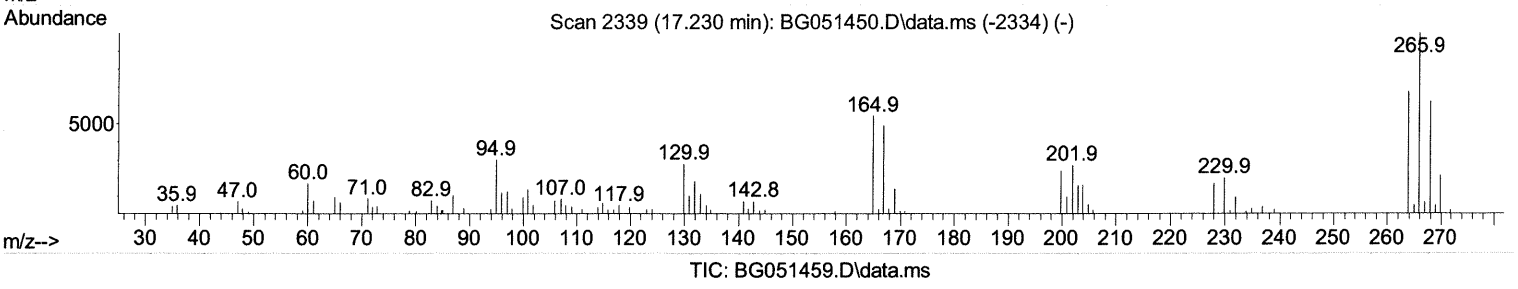

TIC: BG051459.D\data.ms

(71) Pentachlorophenol (C)

17.232min (-0.005) 28.47 ng/ul m 12/16/21 JU

response 21222

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	63.02
268.00	63.80	65.17
0.00	0.00	0.00

Quantitation Report (Qedit)

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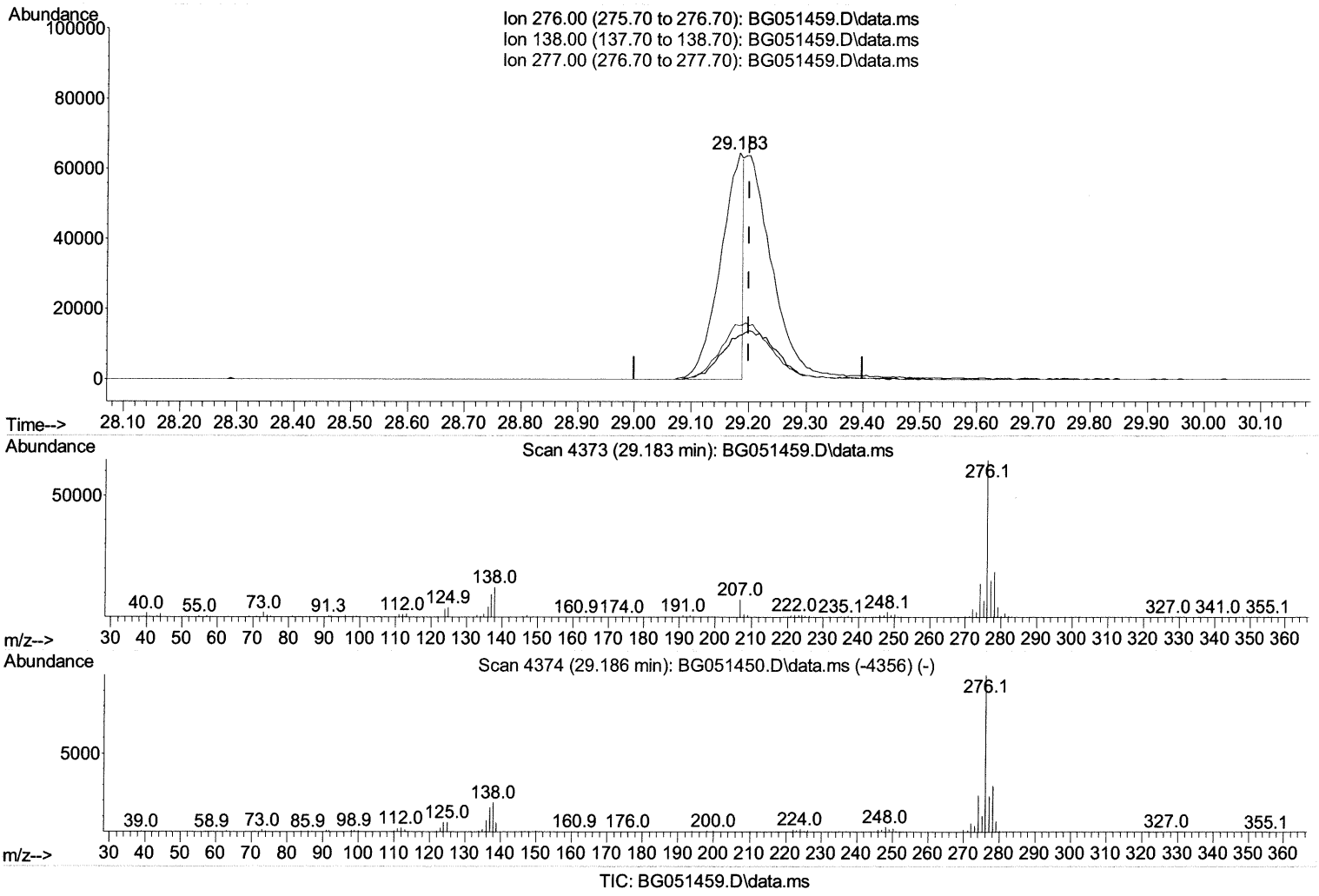

TIC: BG051459.D\data.ms

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

29.183min (-0.017) 17.57 ng/ul

response 177724

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	19.21
277.00	25.60	23.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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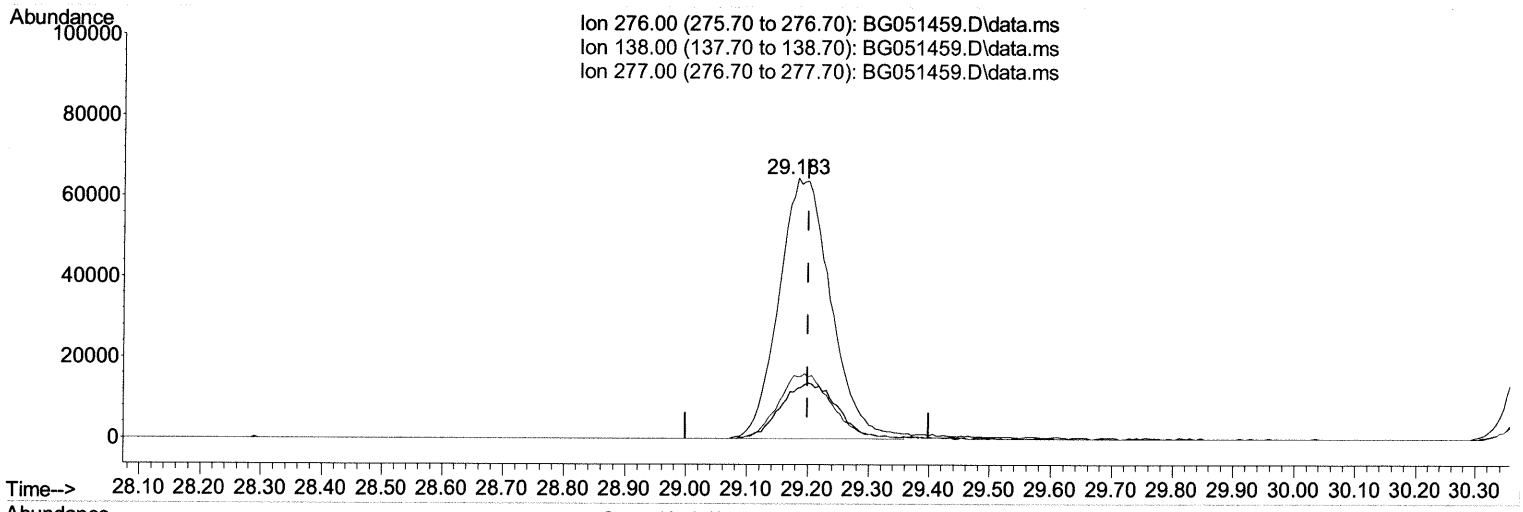

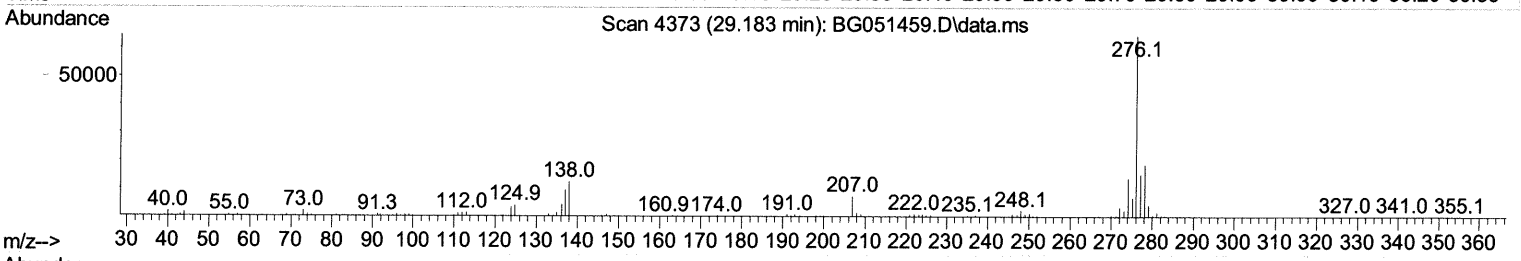

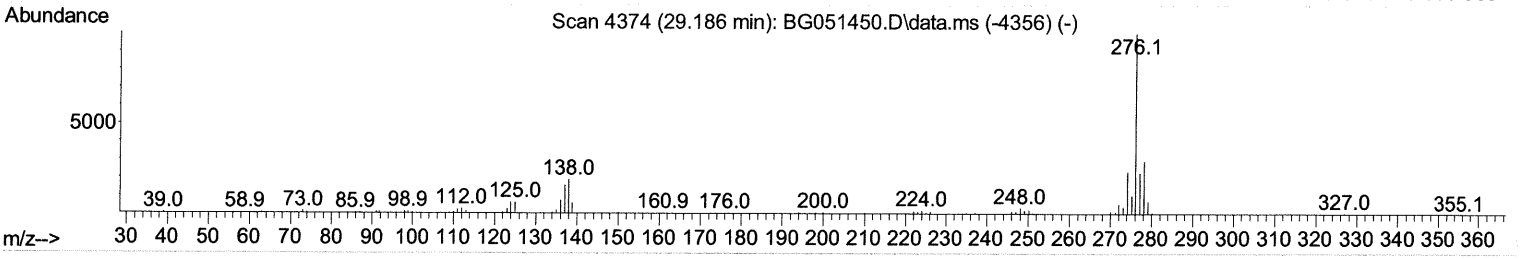

TIC: BG051459.D\data.ms

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

29.183min (-0.017) 37.87 ng/ul m 12/11/2130

response 382986

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	19.21
277.00	25.60	23.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	25364	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	113909	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.817	164	74718	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.567	188	167310	20.000	ng/ul	0.00
79) Chrysene-d12	21.868	240	147068	20.000	ng/ul	0.00
88) Perylene-d12	25.264	264	145661	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	3604	4.666	ng/uL	0.00
4) Pyridine-d5	3.983	84	14348	6.469	ng/ul	0.02
7) Phenol-d5	7.367	99	16739	6.483	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.502	67	53401	32.250	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	45415	24.721	ng/ul	0.00
15) 4-Methylphenol-d8	8.918	113	30821	15.194	ng/ul	0.00
21) Nitrobenzene-d5	9.365	128	32576	32.968	ng/ul	0.00
24) 2-Nitrophenol-d4	10.093	143	35506	31.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	55170	30.330	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	64375	24.196	ng/ul	0.00
46) Dimethylphthalate-d6	14.212	166	204459	35.364	ng/ul	0.00
49) Acenaphthylene-d8	14.517	160	244372	33.373	ng/ul	0.00
54) 4-Nitrophenol-d4	15.099	143	3930	4.515	ng/ul	0.04
60) Fluorene-d10	15.810	176	183792	35.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	38700	38.925	ng/ul	0.00
73) Anthracene-d10	17.667	188	292562	37.372	ng/ul	0.00
81) Pyrene-d10	19.946	212	332636	37.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.035	264	292438	38.924	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.571	88	4248	4.929	ng/uL#	91
5) Pyridine	4.000	79	16872	7.288	ng/ul#	86
6) Benzaldehyde	7.326	77	58771m>	35.803	ng/ul >	12/16/21 JU
8) Phenol	7.396	94	20229	7.654	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.596	93	65073	32.145	ng/ul	97
12) 2-Chlorophenol	7.755	128	46981	24.966	ng/ul	99
13) 2-Methylphenol	8.648	108	36589	18.595	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.707	45	95718	31.423	ng/ul	97
16) Acetophenone	9.018	105	105254	33.509	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.989	70	60954	32.370	ng/ul	99
18) 4-Methylphenol	8.983	108	33708	16.307	ng/ul	95
19) Hexachloroethane	9.265	117	25744	31.639	ng/ul	97
22) Nitrobenzene	9.412	77	87925	32.707	ng/ul	97
23) Isophorone	9.929	82	162539	31.492	ng/ul	99
25) 2-Nitrophenol	10.128	139	35444	31.656	ng/ul	97
26) 2,4-Dimethylphenol	10.181	107	50503	21.300	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.405	93	89543	32.035	ng/ul	98
29) 2,4-Dichlorophenol	10.675	162	52432	29.400	ng/ul	93
30) Naphthalene	11.063	128	226022	36.132	ng/ul	97
32) 4-Chloroaniline	11.186	127	67047	25.052	ng/ul	100
33) Hexachlorobutadiene	11.321	225	38673	31.791	ng/ul	98
34) Caprolactam	11.991	113	3199m>	4.329	ng/ul >	12/16/21 JU
35) 4-Chloro-3-methylphenol	12.308	107	59950	27.062	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051459.D
Acq On : 10 Dec 2021 16:56
Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 01:30:26 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 :
EW5R8MS

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	12.655	142	138799	33.274	ng/ul	99
37) 1-Methylnaphthalene	12.872	142	143365	33.389	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.019	216	76695	32.965	ng/ul	96
40) Hexachlorocyclopentadiene	12.978	237	33518	27.206	ng/ul	98
41) 2,4,6-Trichlorophenol	13.272	196	51059	33.973	ng/ul	98
42) 2,4,5-Trichlorophenol	13.360	196	53917	33.509	ng/ul	98
43) 1,1'-Biphenyl	13.648	154	184432	33.017	ng/ul	98
44) 2-Chloronaphthalene	13.701	162	146619	33.453	ng/ul	98
45) 2-Nitroaniline	13.924	65	58494	35.310	ng/ul	92
47) Dimethylphthalate	14.259	163	204295	35.061	ng/ul	99
48) 2,6-Dinitrotoluene	14.400	165	44619	36.187	ng/ul	94
50) Acenaphthylene	14.547	152	237646	32.890	ng/ul	99
51) 3-Nitroaniline	14.747	138	40957	34.493	ng/ul	98
52) Acenaphthene	14.882	153	159943	33.737	ng/ul	96
53) 2,4-Dinitrophenol	14.970	184	19865m>	31.153	ng/ul >	12/16/21 JU
55) 4-Nitrophenol	15.128	109	9351	10.799	ng/ul#	34
56) Dibenzofuran	15.217	168	231259	34.406	ng/ul	100
57) 2,4-Dinitrotoluene	15.199	165	64139	36.392	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.452	232	43067	35.326	ng/ul	100
59) Diethylphthalate	15.610	149	226266	35.979	ng/ul	99
61) Fluorene	15.863	166	188620	34.651	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	100280	35.091	ng/ul	93
63) 4-Nitroaniline	15.916	138	36025	34.179	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.963	198	36745	38.014	ng/ul	99
67) N-Nitrosodiphenylamine	16.063	169	171724	36.818	ng/ul	99
68) 4-Bromophenyl-phenylether	16.738	248	62871	37.216	ng/ul	94
69) Hexachlorobenzene	16.868	284	64488	37.451	ng/ul	98
70) Atrazine	17.009	200	71771	35.663	ng/ul	98
71) Pentachlorophenol	17.232	266	21222m>	28.468	ng/ul >	12/16/21 JU
72) Phenanthrene	17.614	178	336098	37.284	ng/ul	99
74) Anthracene	17.702	178	329764	36.544	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.624	216	81274	34.738	ng/uL	95
76) Pentachlorobenzene	15.134	250	74796	35.311	ng/uL	99
77) Carbazole	17.984	167	303686	37.806	ng/ul	99
78) Di-n-butylphthalate	18.495	149	395787	36.750	ng/ul	100
80) Fluoranthene	19.617	202	401568	36.895	ng/ul	96
82) Pyrene	19.976	202	396686	37.140	ng/ul	97
83) Butylbenzylphthalate	20.834	149	167922	36.047	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.756	252	79534	25.609	ng/ul	96
85) Benzo(a)anthracene	21.850	228	370628	38.150	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.697	149	276431	42.723	ng/ul	100
87) Chrysene	21.921	228	351509	37.947	ng/ul	99
89) Di-n-octyl phthalate	22.955	149	414086	38.655	ng/ul	100
90) Benzo(b)fluoranthene	24.177	252	362813	37.919	ng/ul	98
91) Benzo(k)fluoranthene	24.247	252	346386	38.870	ng/ul	99
93) Benzo(a)pyrene	25.105	252	349534	38.355	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.183	276	382986m>	37.867	ng/ul >	12/16/21 JU
95) Dibenzo(a,h)anthracene	29.235	278	320117	37.547	ng/ul	98
96) Benzo(g,h,i)perylene	30.416	276	316041	37.366	ng/ul	98

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