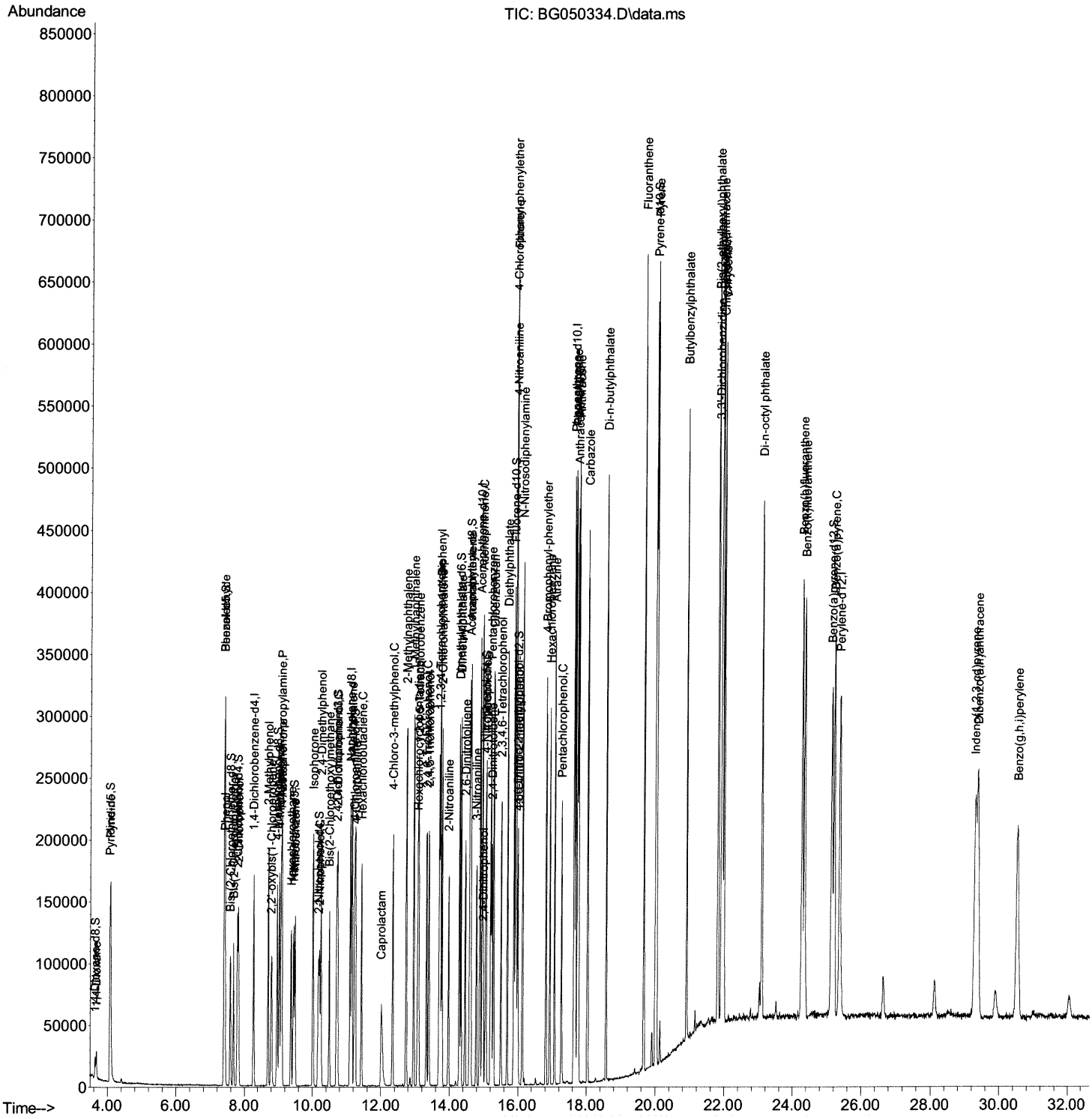
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050334.D
Acq On : 30 Sep 2021 22:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 03:27:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:13 AM



Quantitation Report (Qedit)

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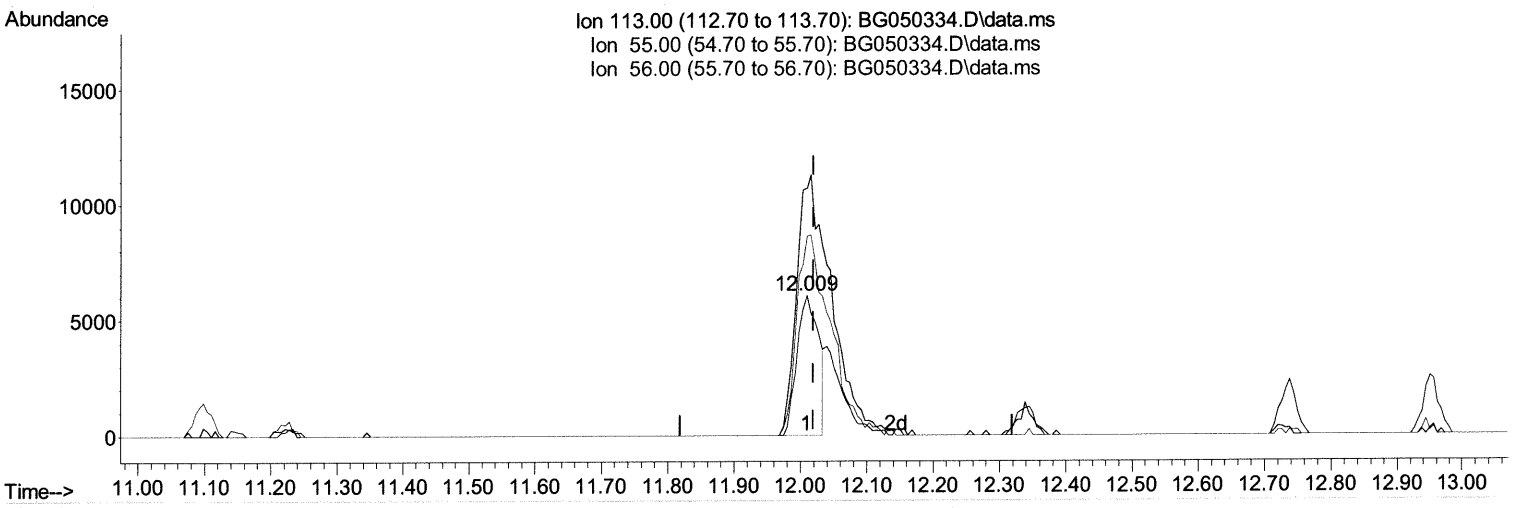

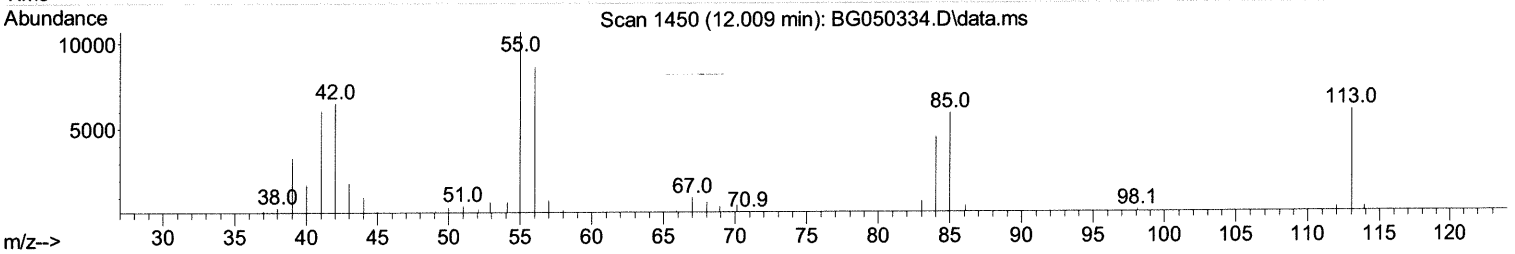

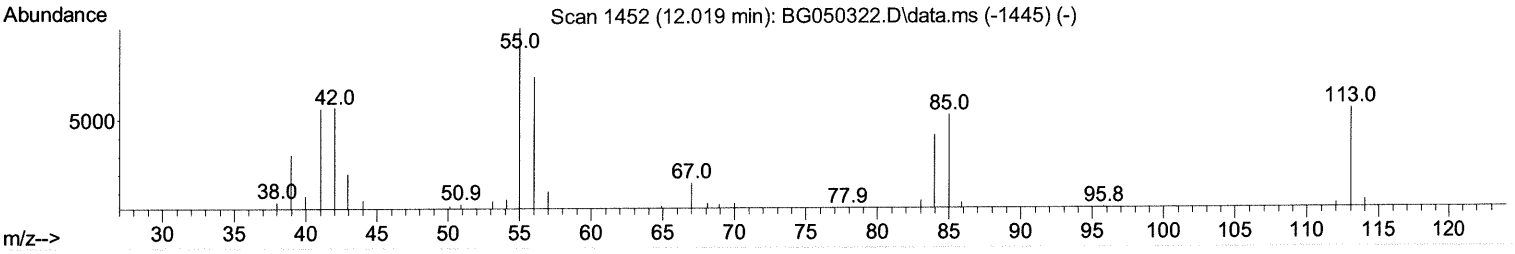

TIC: BG050334.D\data.ms

(34) Caprolactam

12.009min (-0.010) 12.87 ng/ul

response 13711

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	176.72
56.00	132.30	142.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId :
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Manual Integrations APPROVED
mohammad
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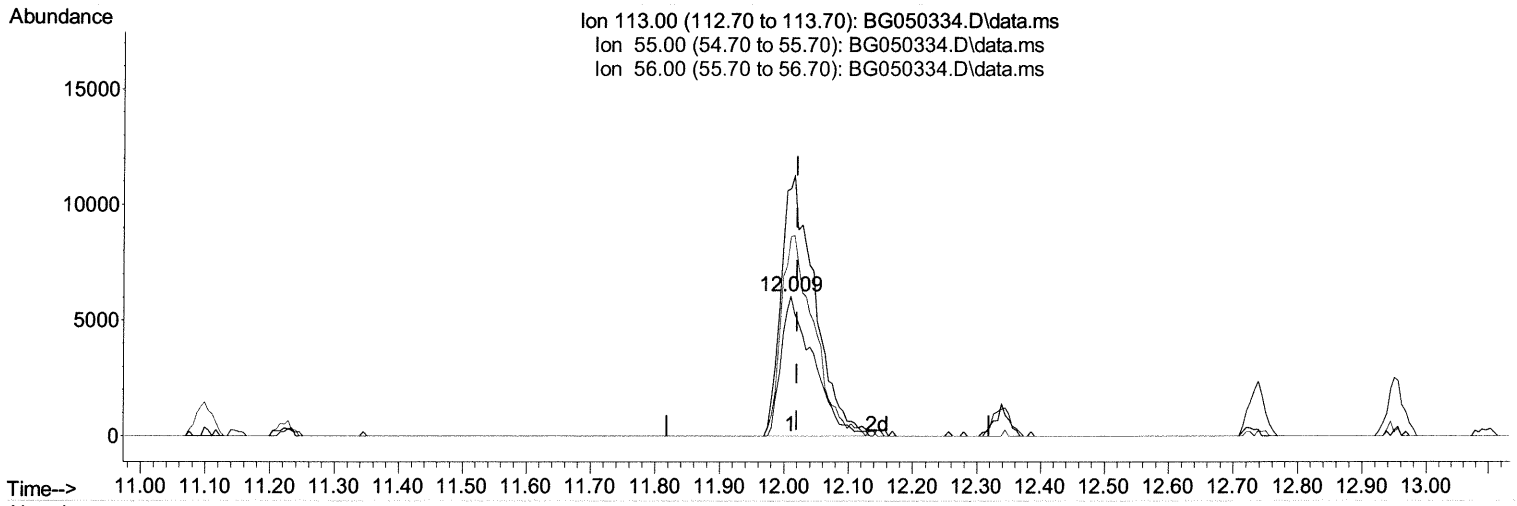

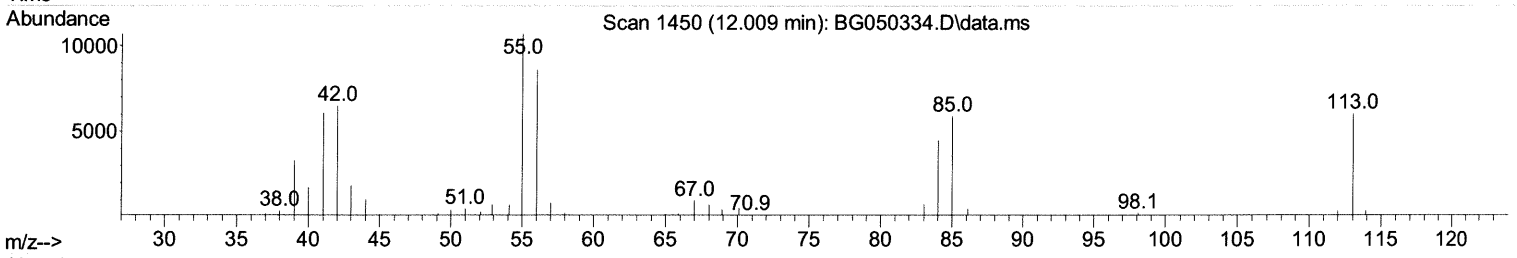

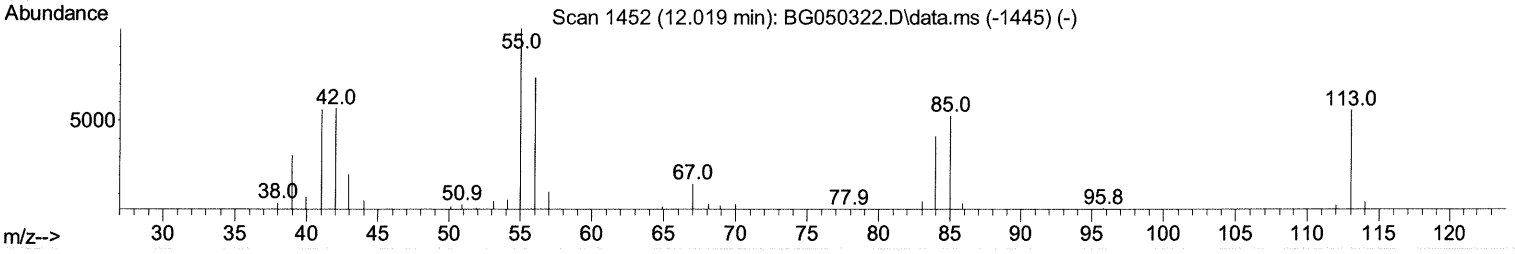

TIC: BG050334.D\data.ms

(34) Caprolactam

12.009min (-0.010) 19.73 ng/ul m 10/05/21 JU

response 21015

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	176.72
56.00	132.30	142.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG050334.D
Acq On : 30 Sep 2021 22:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 03:27:07 2021
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QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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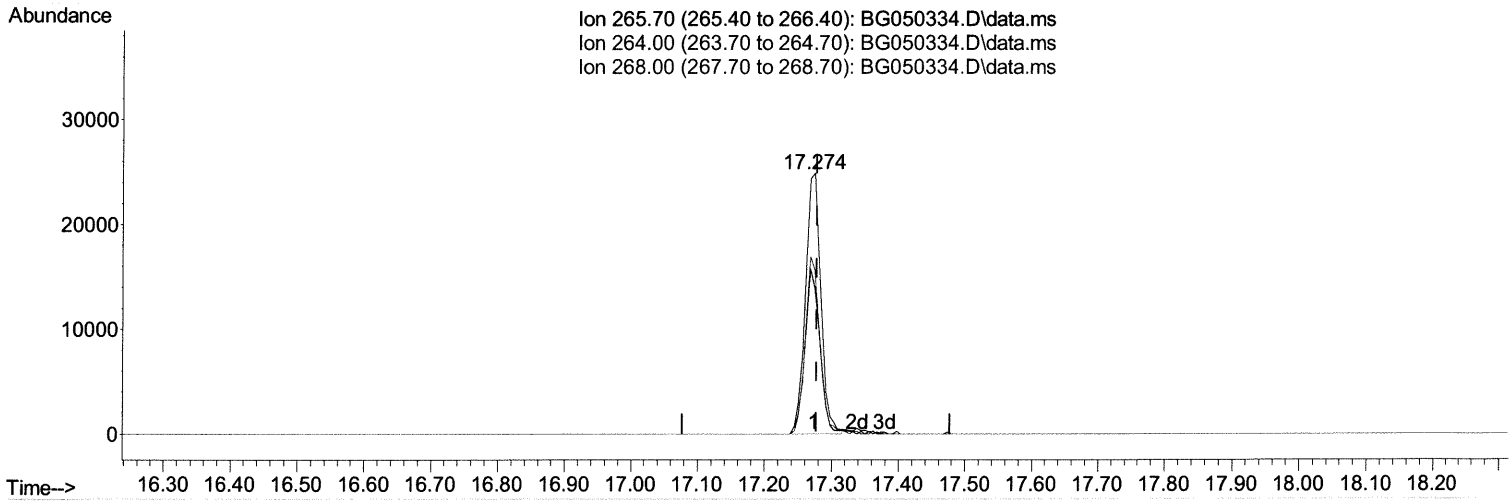

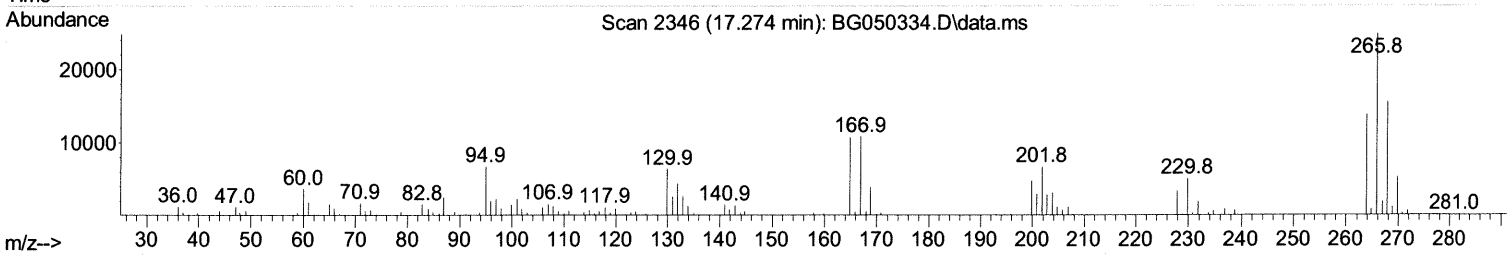

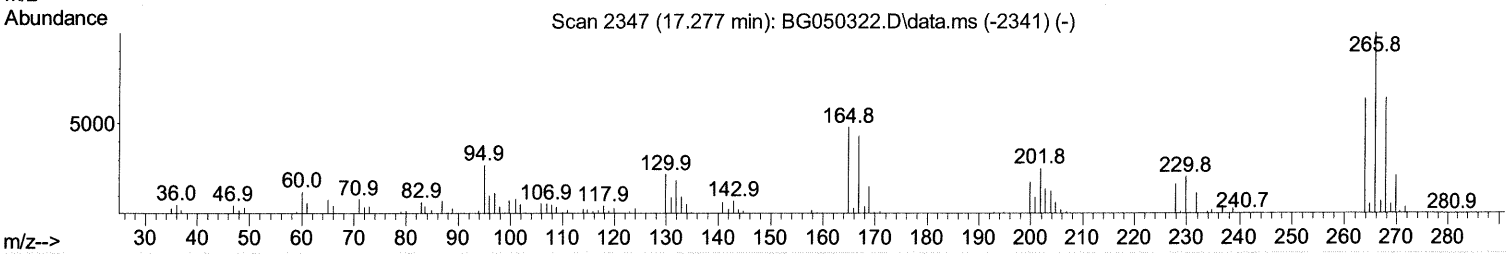

TIC: BG050334.D\data.ms

(71) Pentachlorophenol (C)

17.274min (-0.004) 20.46 ng/ul

response 39540

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.70	55.92
268.00	63.90	62.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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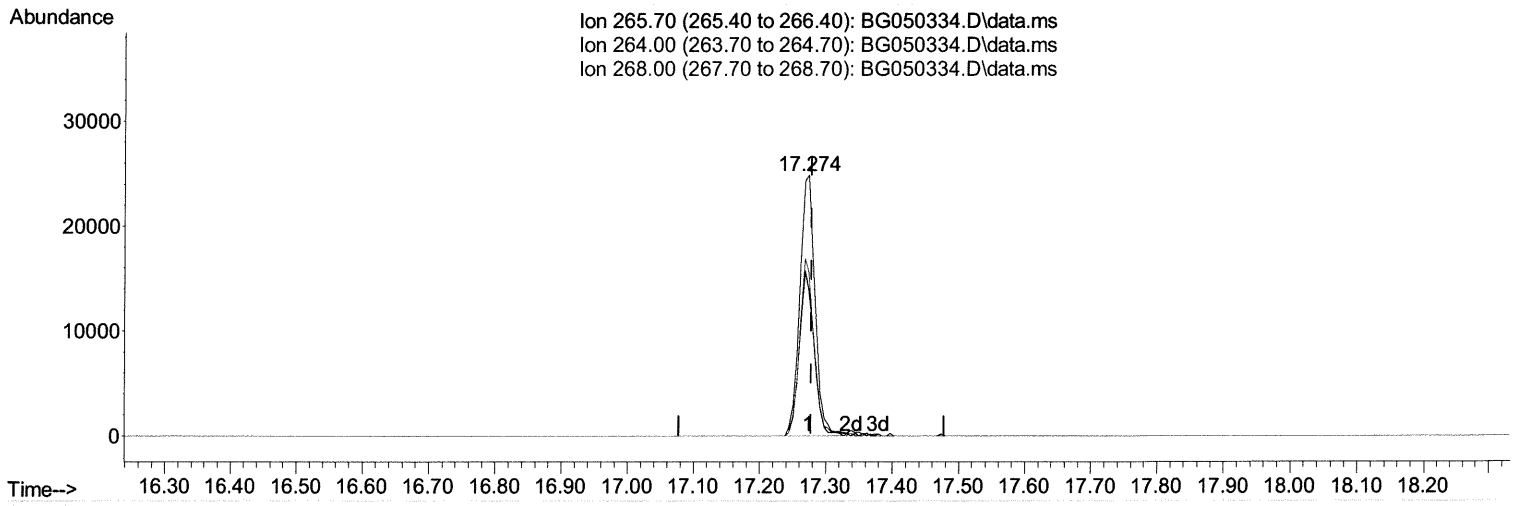

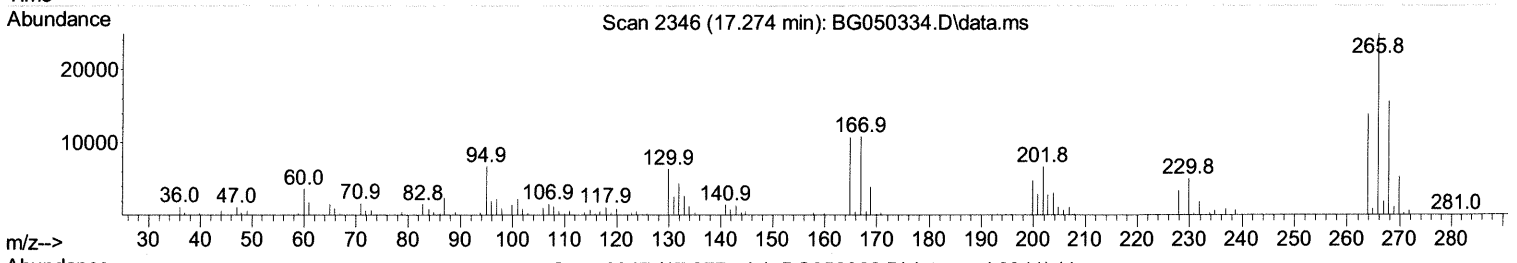

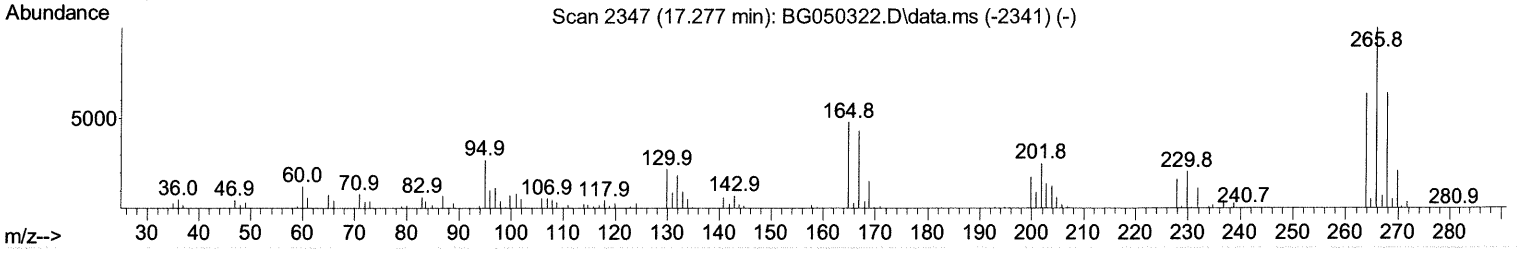

TIC: BG050334.D\data.ms

(71) Pentachlorophenol (C)

17.274min (-0.004) 20.62 ng/ul m 10/05/21 JU

response 39851

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.70	55.92
268.00	63.90	62.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 30 Sep 2021 22:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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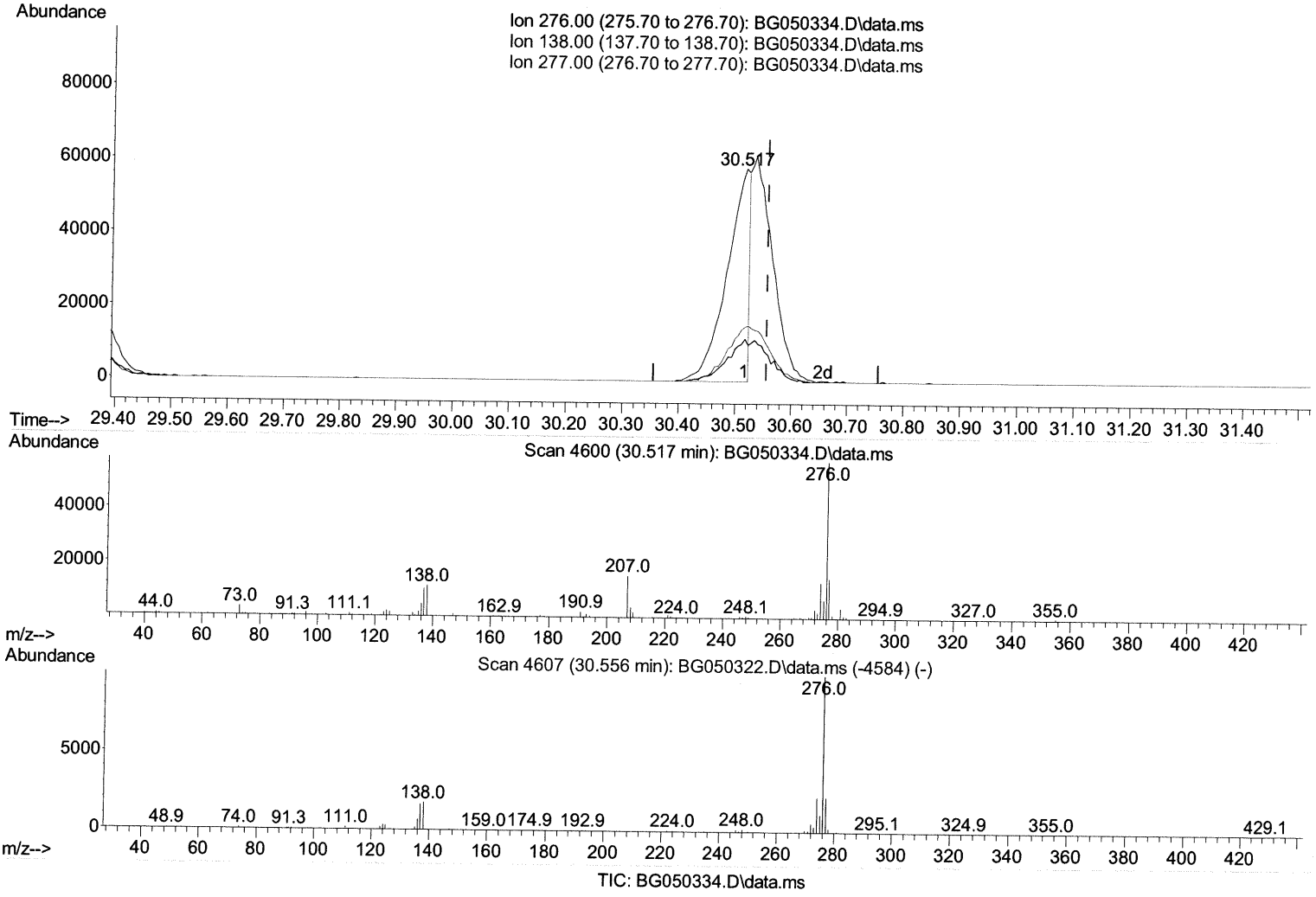

TIC: BG050334.D\data.ms

(96) Benzo(g,h,i)perylene

30.517min (-0.039) 10.09 ng/ul

response 163405

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	19.82
277.00	22.40	25.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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BNA_G
LabSampleId :
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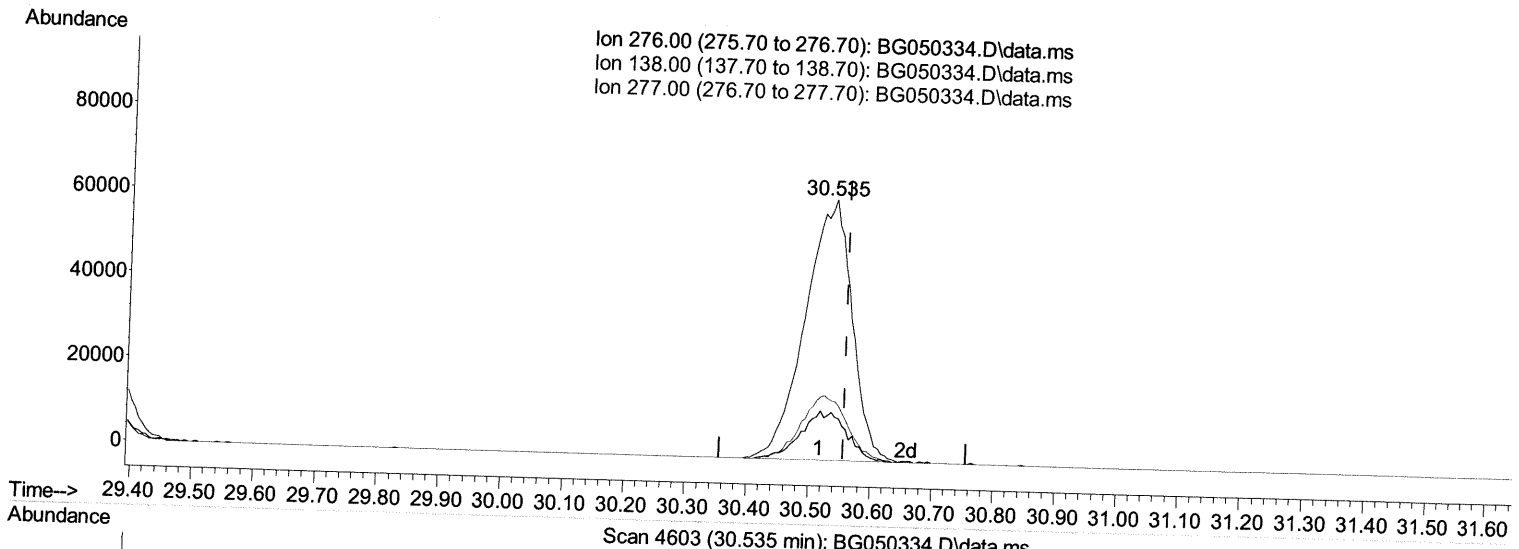
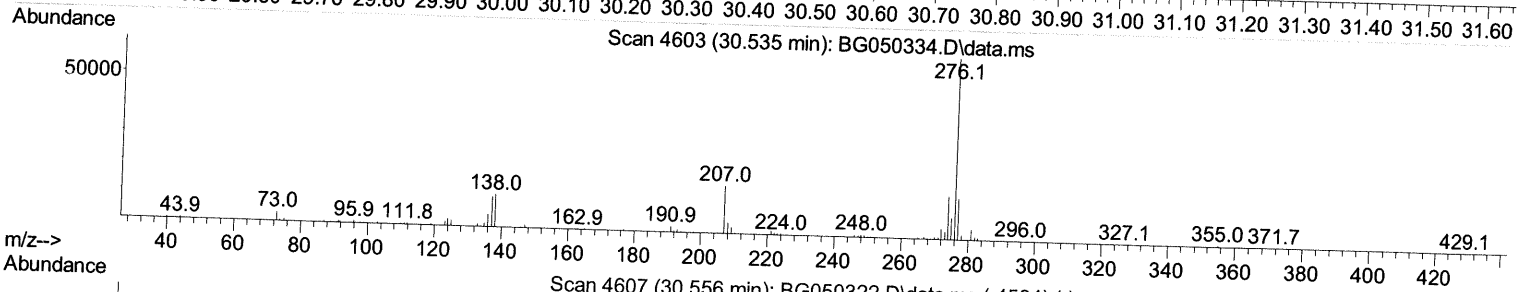
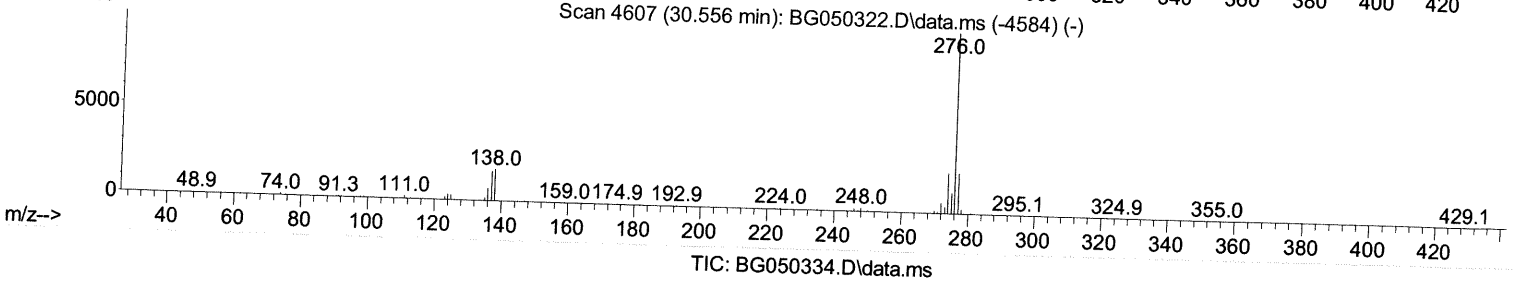
Manual Integrations APPROVED
mohammad
10/1/2021 11:30:13 AM







(96) Benzo(g,h,i)perylene

30.535min (-0.021) 19.93 ng/ul m 10/05/21 JU

response 322854

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	18.24
277.00	22.40	22.80
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	45940	20.000	ng/ul	0.00
20) Naphthalene-d8	11.099	136	187838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	127070	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.632	188	300942	20.000	ng/ul	0.00
79) Chrysene-d12	21.939	240	295702	20.000	ng/ul	0.00
88) Perylene-d12	25.364	264	294560	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	9719	7.773	ng/uL	0.00
4) Pyridine-d5	4.066	84	76681	20.580	ng/ul	0.00
7) Phenol-d5	7.403	99	82782	20.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	53586	21.213	ng/ul	0.00
11) 2-Chlorophenol-d4	7.797	132	58128	20.669	ng/ul	0.00
15) 4-Methylphenol-d8	8.960	113	62322	20.514	ng/ul	0.00
21) Nitrobenzene-d5	9.442	128	27887	21.222	ng/ul	0.00
24) 2-Nitrophenol-d4	10.170	143	30418	21.569	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.705	165	59192	21.255	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	82619	20.767	ng/ul	0.00
46) Dimethylphthalate-d6	14.283	166	181988	20.927	ng/ul	0.00
49) Acenaphthylene-d8	14.589	160	231348	21.183	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	35888	21.426	ng/ul	0.00
60) Fluorene-d10	15.875	176	164686	21.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.981	200	30031	20.007	ng/ul	0.00
73) Anthracene-d10	17.732	188	270045	21.241	ng/ul	0.00
81) Pyrene-d10	20.006	212	330966	21.049	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.123	264	308433	20.824	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	12079	7.984	ng/uL	90
5) Pyridine	4.083	79	78080	20.687	ng/ul	96
6) Benzaldehyde	7.403	77	64522	24.375	ng/ul	94
8) Phenol	7.432	94	86767	21.090	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.679	93	65316	21.166	ng/ul	98
12) 2-Chlorophenol	7.826	128	60073	20.878	ng/ul	97
13) 2-Methylphenol	8.695	108	63368	20.901	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.790	45	98381	21.249	ng/ul	99
16) Acetophenone	9.101	105	101771	21.084	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.077	70	58678	20.228	ng/ul#	94
18) 4-Methylphenol	9.025	108	66072	20.578	ng/ul	99
19) Hexachloroethane	9.371	117	25325	20.479	ng/ul	95
22) Nitrobenzene	9.483	77	84846	21.544	ng/ul	99
23) Isophorone	10.012	82	156060	20.620	ng/ul	98
25) 2-Nitrophenol	10.200	139	31321	21.609	ng/ul	96
26) 2,4-Dimethylphenol	10.241	107	76275	21.199	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.488	93	83720	20.489	ng/ul	97
29) 2,4-Dichlorophenol	10.728	162	57876	20.991	ng/ul	93
30) Naphthalene	11.151	128	199831	20.721	ng/ul#	97
32) 4-Chloroaniline	11.251	127	83011	20.725	ng/ul	98
33) Hexachlorobutadiene	11.428	225	41787	20.856	ng/ul	98
34) Caprolactam	12.009	113	21015m >	19.729	ng/ul >	10/05/2021
35) 4-Chloro-3-methylphenol	12.338	107	68660	21.122	ng/ul	99

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LabSampleId : SSTDCCC020

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.738	142	135905	20.728 ng/ul	93
37) 1-Methylnaphthalene	12.949	142	137147	20.778 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.096	216	77255	21.067 ng/ul	94
40) Hexachlorocyclopentadiene	13.067	237	50390	20.721 ng/ul	96
41) 2,4,6-Trichlorophenol	13.325	196	50192	21.716 ng/ul	99
42) 2,4,5-Trichlorophenol	13.390	196	54614	21.601 ng/ul	97
43) 1,1'-Biphenyl	13.725	154	184675	21.596 ng/ul	98
44) 2-Chloronaphthalene	13.772	162	142436	21.261 ng/ul	97
45) 2-Nitroaniline	13.966	65	49962	22.779 ng/ul	92
47) Dimethylphthalate	14.330	163	183896	21.017 ng/ul	98
48) 2,6-Dinitrotoluene	14.453	165	36599	22.237 ng/ul	88
50) Acenaphthylene	14.612	152	235845	21.290 ng/ul	97
51) 3-Nitroaniline	14.782	138	40410	22.571 ng/ul	95
52) Acenaphthene	14.953	153	152518	20.831 ng/ul	99
53) 2,4-Dinitrophenol	14.982	184	20388	19.873 ng/ul	94
55) 4-Nitrophenol	15.065	109	35784	21.605 ng/ul	96
56) Dibenzofuran	15.282	168	225211	21.149 ng/ul	97
57) 2,4-Dinitrotoluene	15.235	165	52140	21.816 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.499	232	45165	20.773 ng/ul	92
59) Diethylphthalate	15.687	149	194316	21.284 ng/ul	97
61) Fluorene	15.934	166	176269	20.807 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.922	204	97090	21.161 ng/ul	96
63) 4-Nitroaniline	15.940	138	42014	23.238 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.993	198	30040	20.246 ng/ul	95
67) N-Nitrosodiphenylamine	16.128	169	158971	20.892 ng/ul	96
68) 4-Bromophenyl-phenylether	16.815	248	57821	20.637 ng/ul	91
69) Hexachlorobenzene	16.933	284	61742	20.927 ng/ul	97
70) Atrazine	17.074	200	68426	21.121 ng/ul	95
71) Pentachlorophenol	17.274	266	39851m >	20.625 ng/ul >	10/05/21 JU
72) Phenanthrene	17.673	178	314636	20.945 ng/ul	98
74) Anthracene	17.767	178	316737	21.290 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.696	216	83330	21.003 ng/uL	99
76) Pentachlorobenzene	15.200	250	75906	20.942 ng/uL	97
77) Carbazole	18.032	167	291647	21.901 ng/ul	98
78) Di-n-butylphthalate	18.578	149	347053	21.993 ng/ul	99
80) Fluoranthene	19.671	202	416850	21.111 ng/ul	99
82) Pyrene	20.035	202	407774	20.942 ng/ul	98
83) Butylbenzylphthalate	20.911	149	155642	21.686 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.821	252	137588	22.575 ng/ul	98
85) Benzo(a)anthracene	21.915	228	376713	21.132 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.804	149	215746	20.919 ng/ul#	99
87) Chrysene	21.986	228	356474	20.866 ng/ul	99
89) Di-n-octyl phthalate	23.090	149	365406	21.589 ng/ul	100
90) Benzo(b)fluoranthene	24.265	252	369305	20.584 ng/ul	97
91) Benzo(k)fluoranthene	24.342	252	350583	20.999 ng/ul	99
93) Benzo(a)pyrene	25.200	252	351321	20.523 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.289	276	391849	20.388 ng/ul	98
95) Dibenzo(a,h)anthracene	29.371	278	331885	20.291 ng/ul	95
96) Benzo(g,h,i)perylene	30.535	276	322854m >	19.927 ng/ul >	10/05/21 JU

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

FAM-EPA-BG093021.M Fri Oct 01 03:31:47 2021