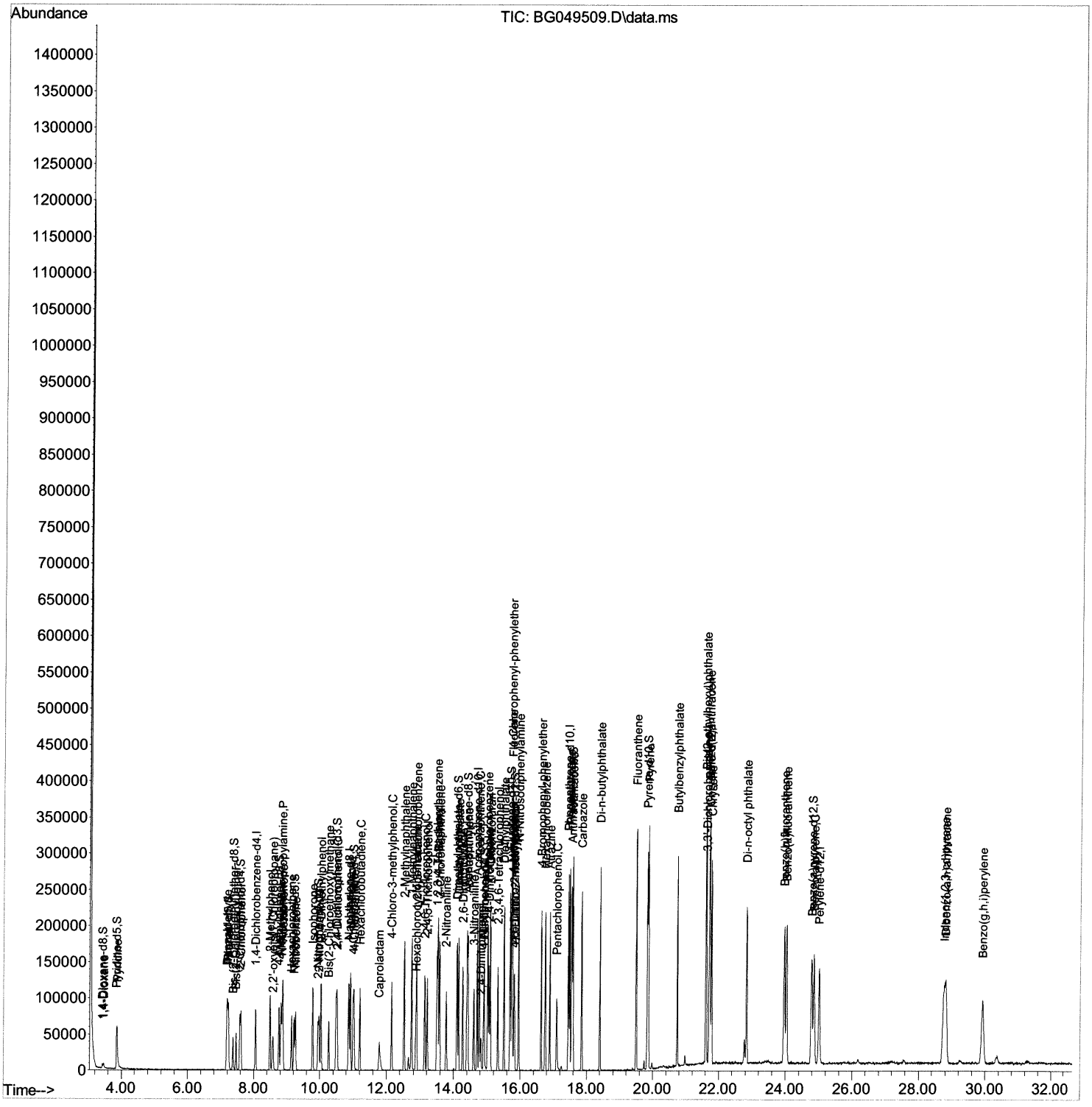
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049509.D
Acq On : 27 Jul 2021 15:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 27 16:28:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
7/28/2021 11:29:45 AM



Quantitation Report (Qedit)

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mohammad
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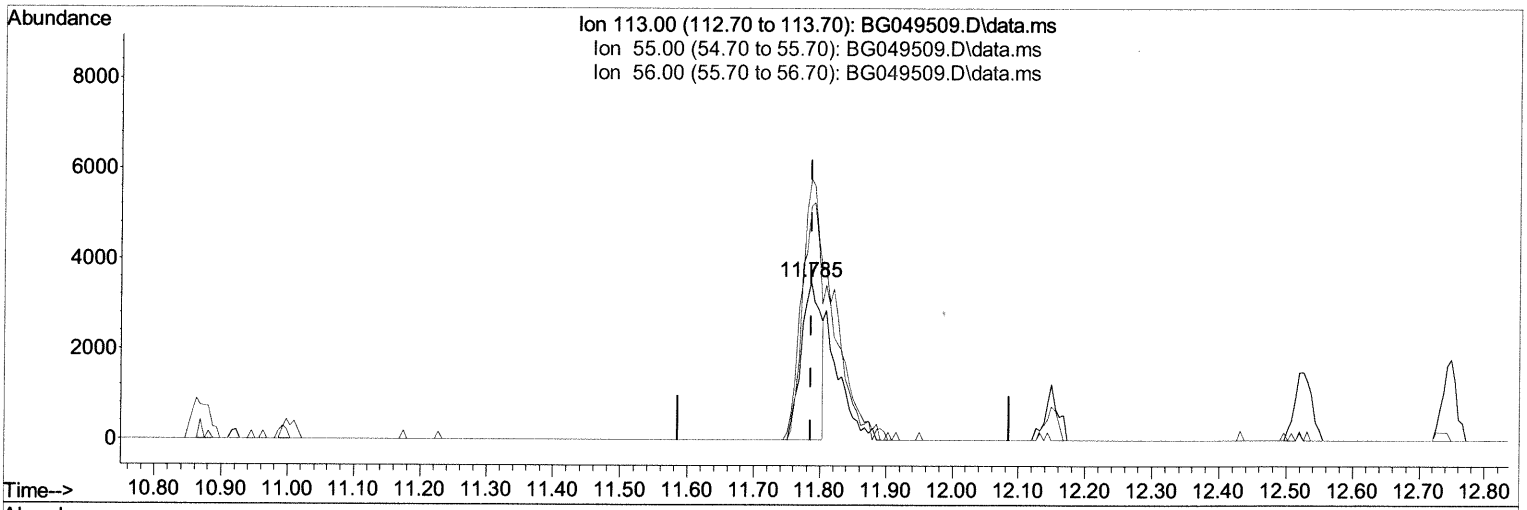

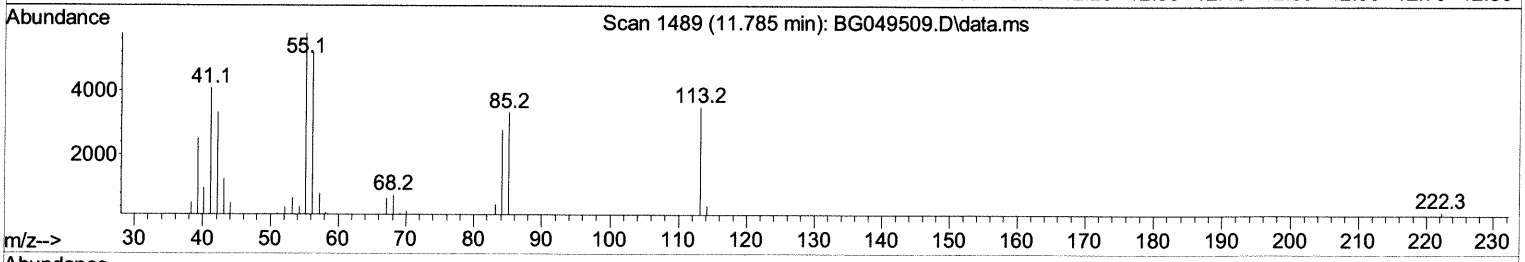

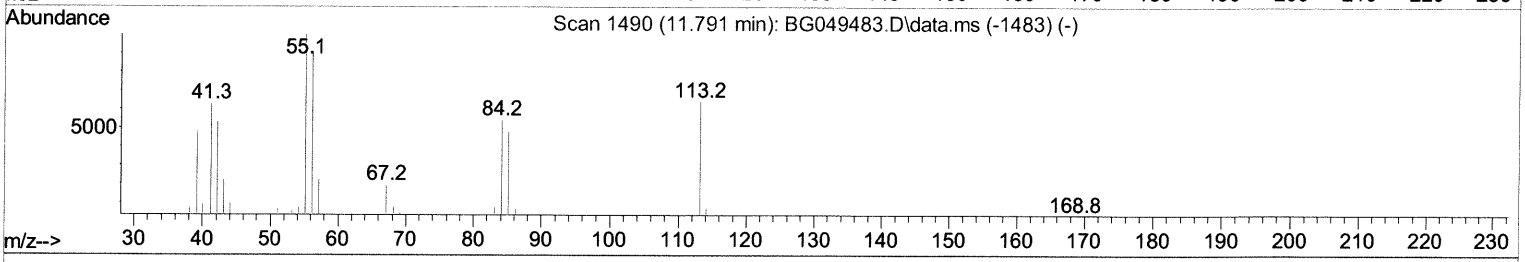

TIC: BG049509.D\data.ms

(34) Caprolactam

11.785min (-0.000) 13.43 ng/ul

response 7170

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	164.51
56.00	118.80	147.78#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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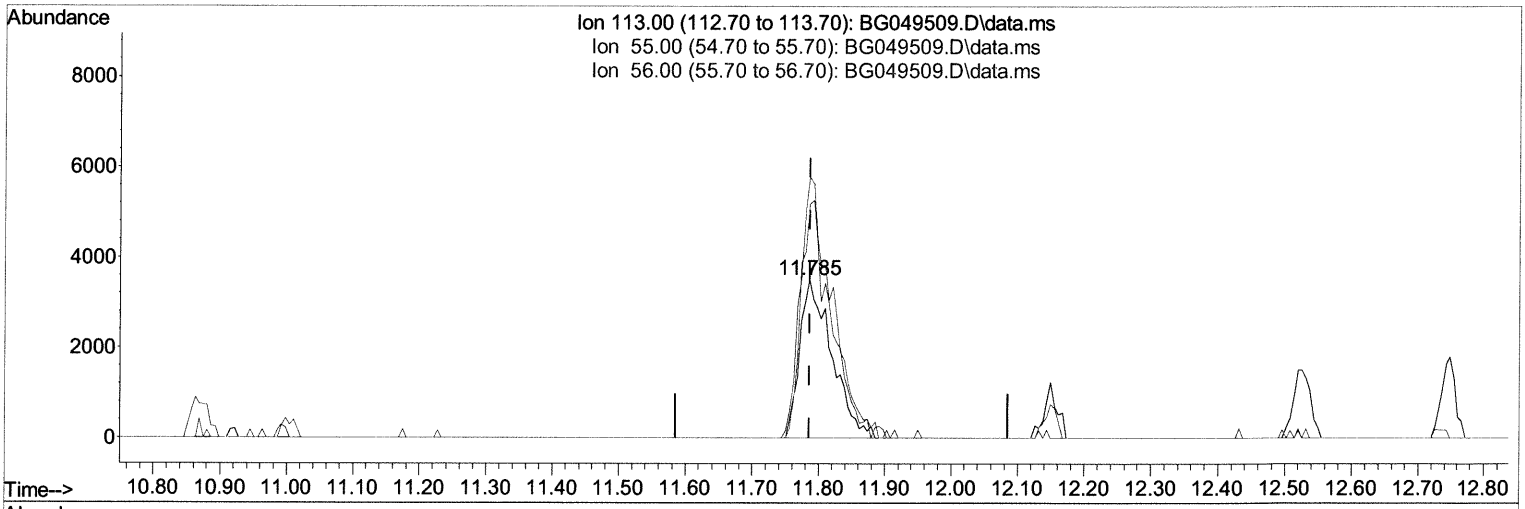

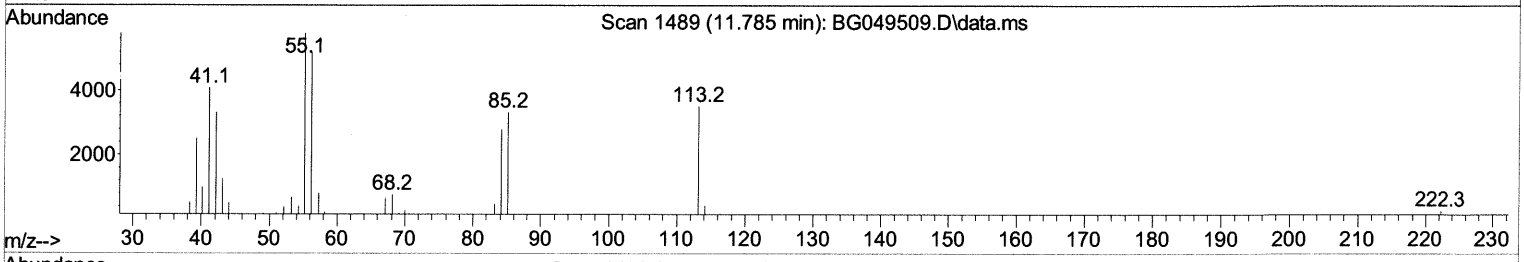

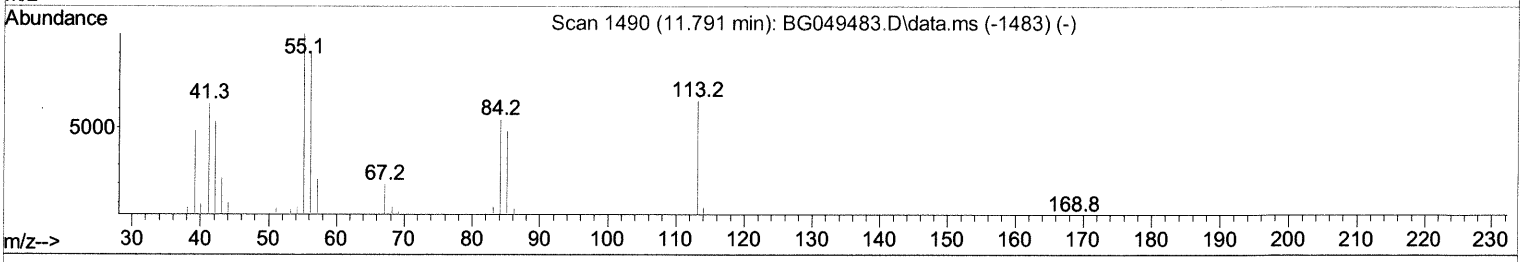

TIC: BG049509.D\data.ms

(34) Caprolactam

11.785min (-0.000) 21.92 ng/ul m 07/29/21 JU

response 11705

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	164.51
56.00	118.80	147.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
mohammad
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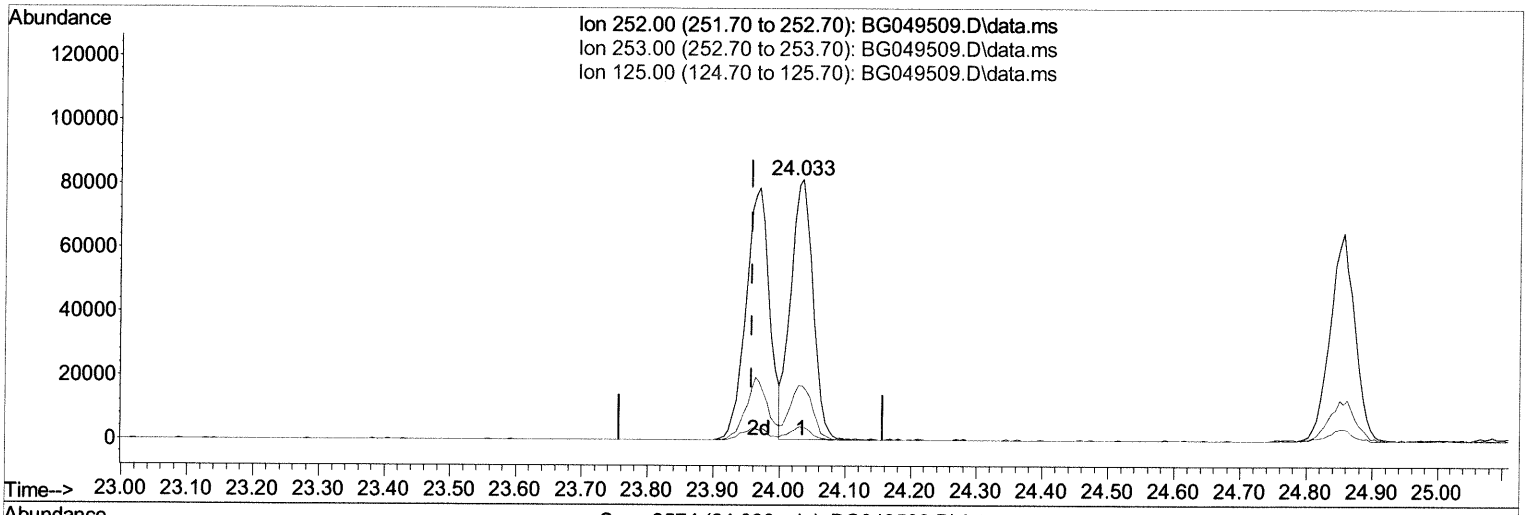

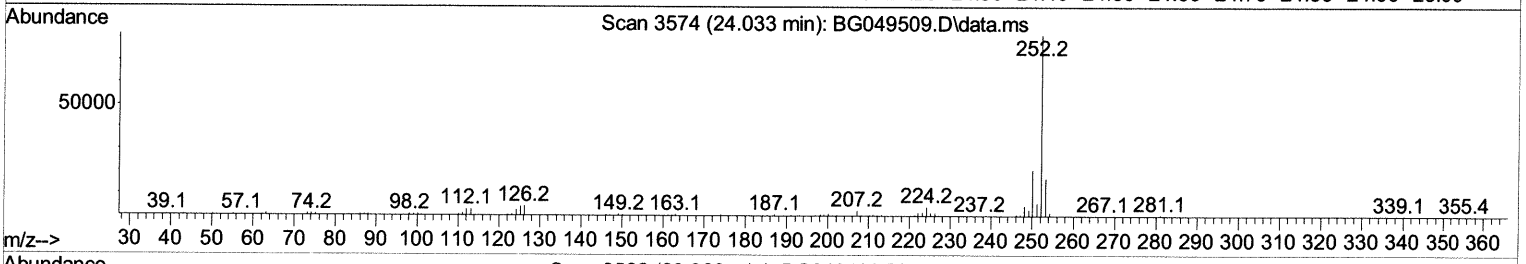

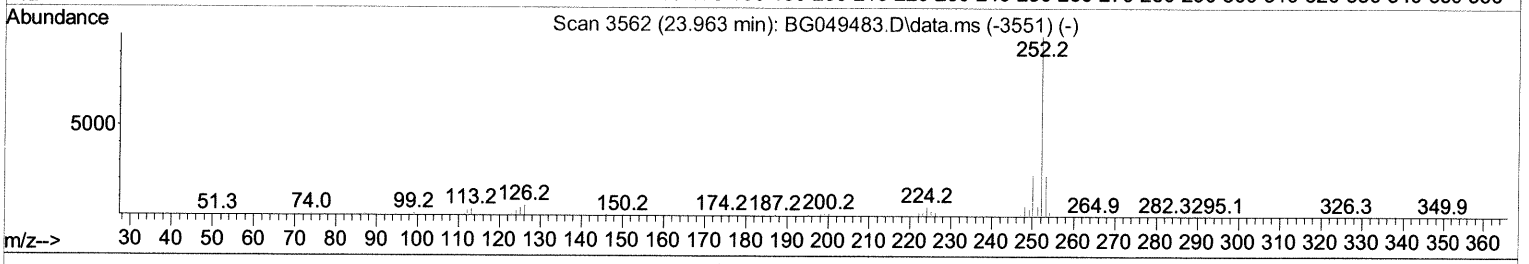

TIC: BG049509.D\data.ms

(90) Benzo(b)fluoranthene

24.033min (+ 0.076) 20.92 ng/ul

response 191475

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	20.74
125.00	5.60	4.92
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
LabSampleId :
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Manual Integrations APPROVED
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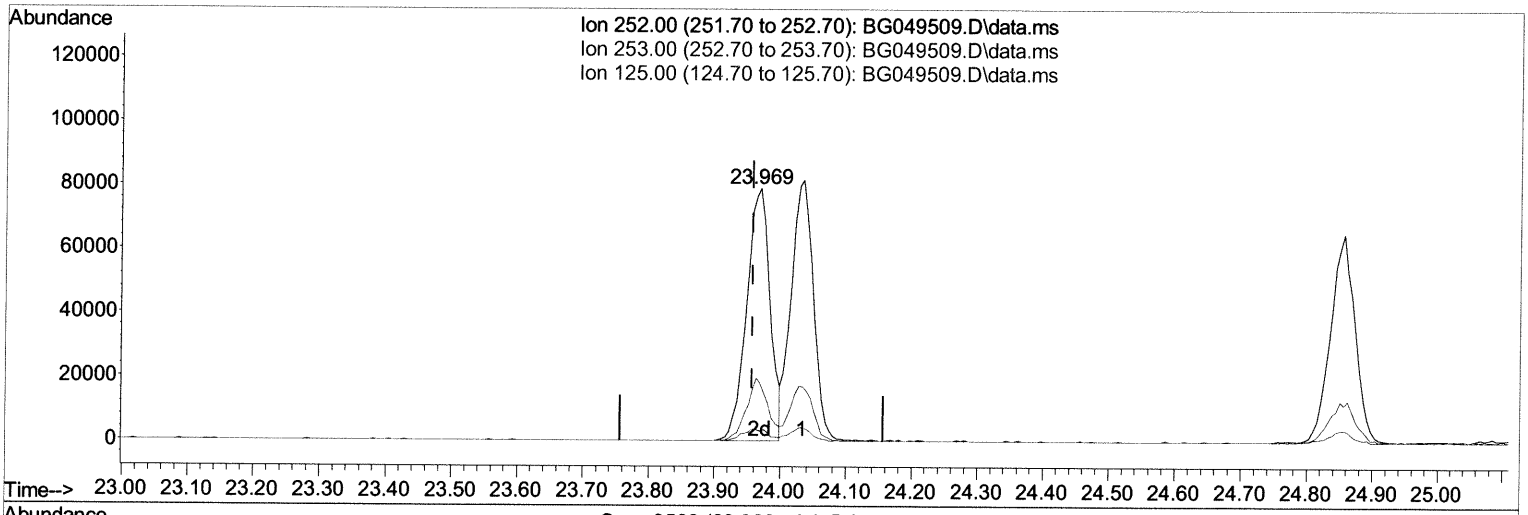

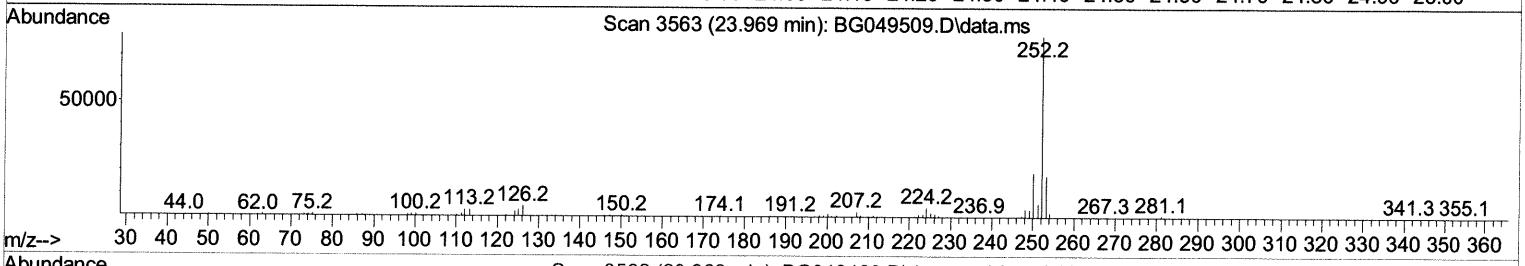

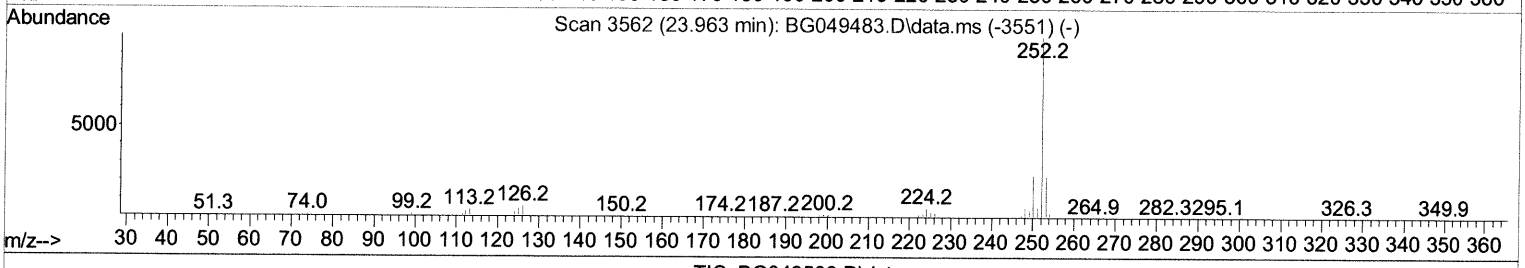

TIC: BG049509.D\data.ms

(90) Benzo(b)fluoranthene

23.969min (+ 0.012) 21.38 ng/ul m 07/29/21 JU

response 195669

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.75
125.00	5.60	3.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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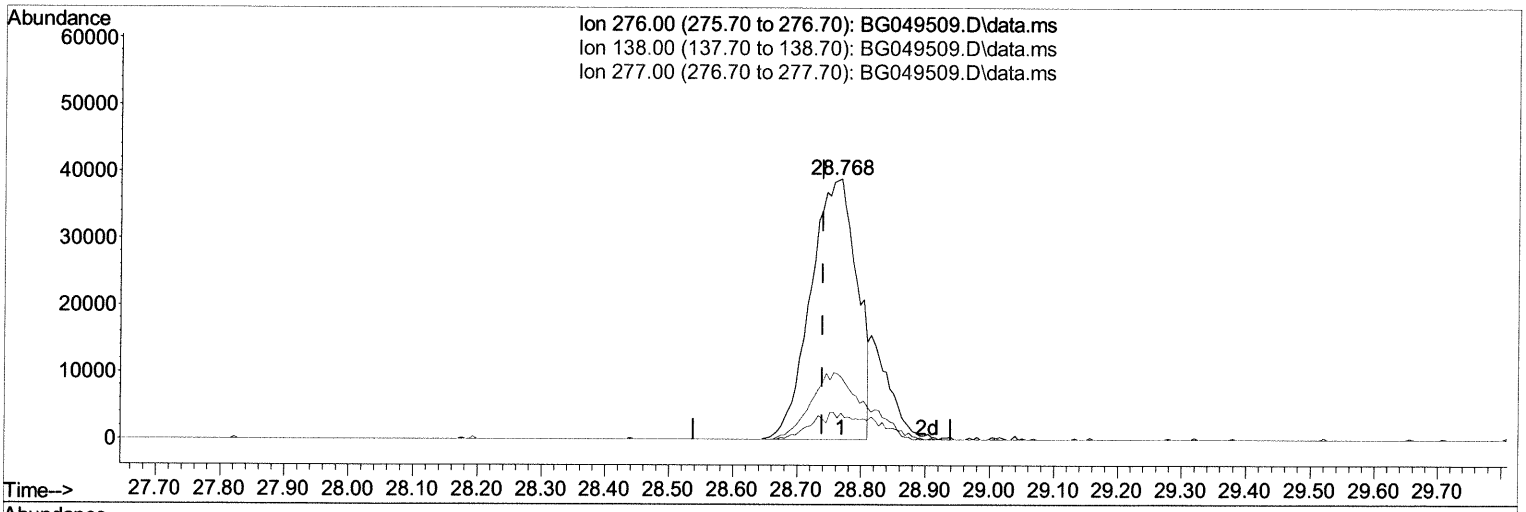

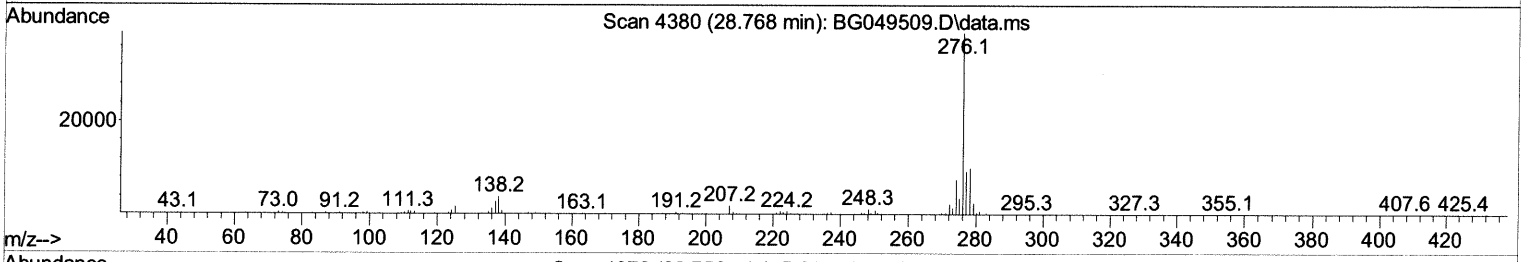

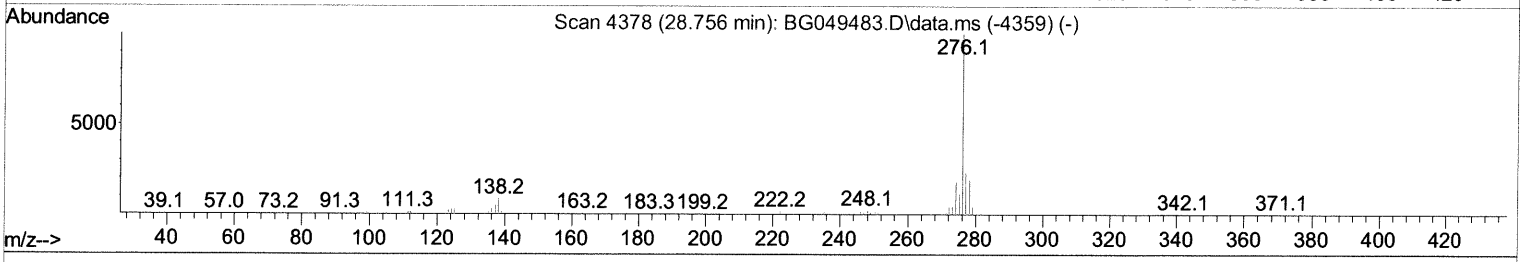

TIC: BG049509.D\data.ms

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

28.768min (+ 0.029) 19.14 ng/ul

response 193935

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	9.98
277.00	24.00	23.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 39 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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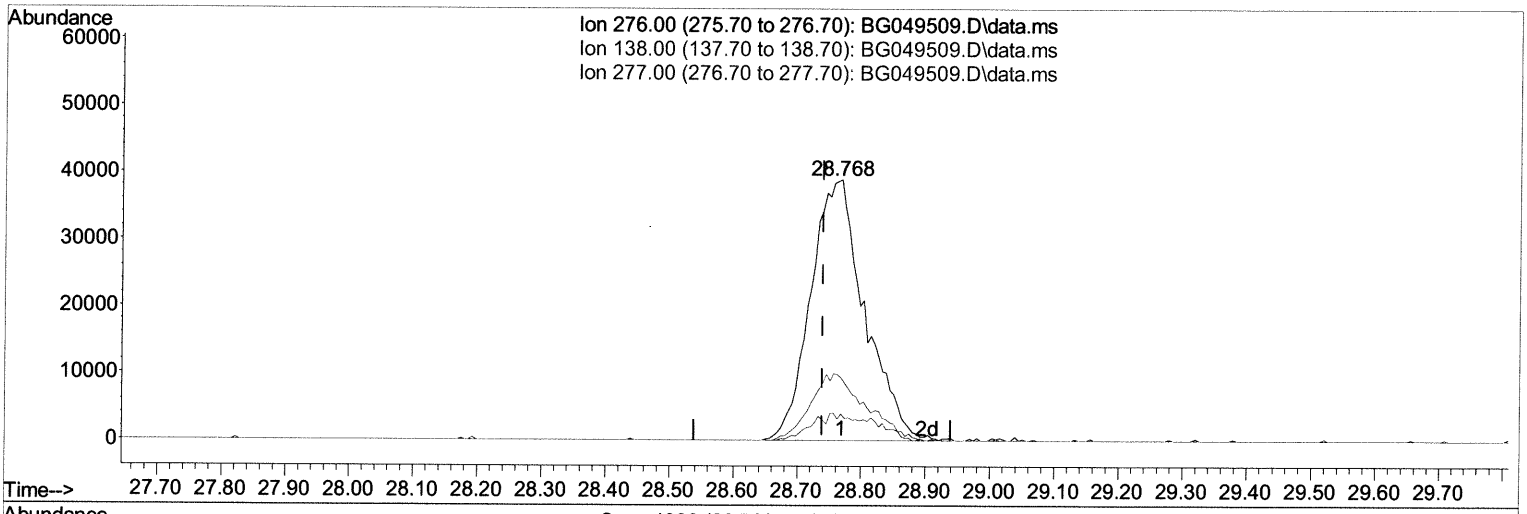

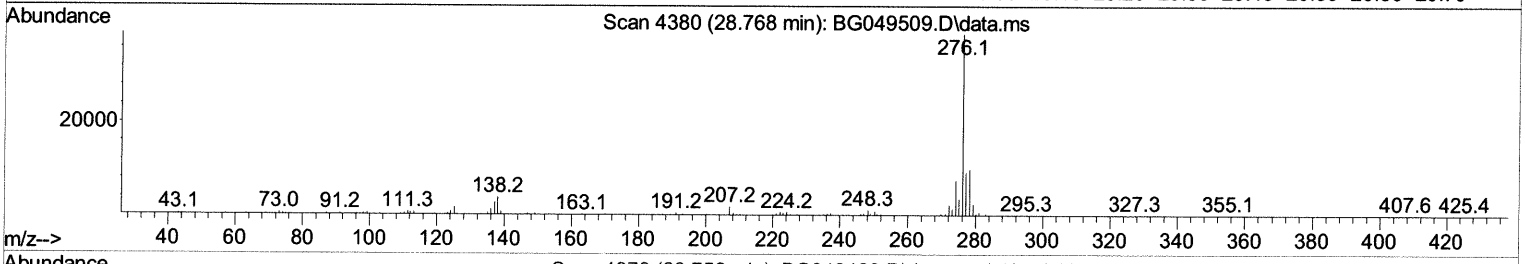

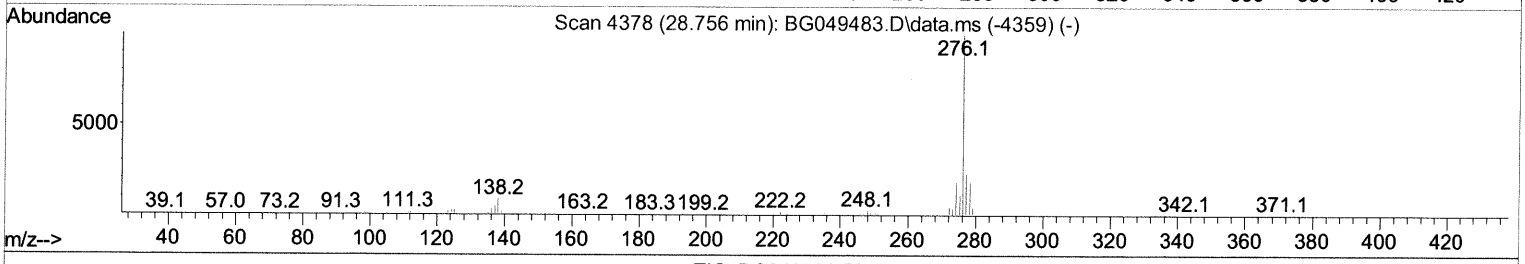

TIC: BG049509.D\data.ms

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

28.768min (+ 0.029) 22.41 ng/ul m 07/29/21 JU

response 226991

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	9.98
277.00	24.00	23.99
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	22829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	98013	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	73034	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	167970	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	146914	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	146015	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	3353	6.719	ng/uL	0.00
4) Pyridine-d5	3.855	84	24681	17.221	ng/ul	0.00
7) Phenol-d5	7.209	99	40284	19.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	21817	19.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	30587	21.126	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	31548	20.722	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	15215	20.191	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	18648	21.118	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	33568	20.901	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	44353	19.816	ng/ul	0.00
46) Dimethylphthalate-d6	14.100	166	110053	19.672	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	124875	19.218	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	17504	18.999	ng/ul	0.00
60) Fluorene-d10	15.692	176	98668	20.472	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	17410	16.727	ng/ul	0.00
73) Anthracene-d10	17.548	188	148320	18.999	ng/ul	0.00
81) Pyrene-d10	19.833	212	162034	21.569	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	167695	21.851	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	3846	5.639	ng/uL	98
5) Pyridine	3.872	79	29600	19.308	ng/ul	99
6) Benzaldehyde	7.180	77	29121	24.162	ng/ul	98
8) Phenol	7.233	94	43407	22.000	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.462	93	27913	20.535	ng/ul	97
12) 2-Chlorophenol	7.609	128	31581	22.657	ng/ul	95
13) 2-Methylphenol	8.490	108	32926	21.895	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.578	45	33920	21.294	ng/ul#	92
16) Acetophenone	8.877	105	53630	21.887	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.854	70	29060	22.999	ng/ul#	94
18) 4-Methylphenol	8.819	108	35849	22.660	ng/ul	96
19) Hexachloroethane	9.142	117	13969	22.246	ng/ul	86
22) Nitrobenzene	9.259	77	47423	21.077	ng/ul#	88
23) Isophorone	9.782	82	79304	21.035	ng/ul	97
25) 2-Nitrophenol	9.976	139	18840	22.671	ng/ul#	78
26) 2,4-Dimethylphenol	10.035	107	43874	22.152	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.264	93	38229	20.330	ng/ul	97
29) 2,4-Dichlorophenol	10.516	162	33988	21.649	ng/ul#	88
30) Naphthalene	10.922	128	106373	21.070	ng/ul	96
32) 4-Chloroaniline	11.028	127	42370	19.900	ng/ul	90
33) Hexachlorobutadiene	11.204	225	25686	21.400	ng/ul	88
34) Caprolactam	11.785	113	11705m>	21.921	ng/ul>	07/29/21 JU
35) 4-Chloro-3-methylphenol	12.150	107	42059	23.810	ng/ul	88

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Manual Integrations APPROVED
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7/28/2021 11:29:45 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	81167	21.966 ng/ul	98
37) 1-Methylnaphthalene	12.743	142	82428	22.076 ng/ul	86
39) 1,2,4,5-Tetrachloroben...	12.896	216	44963	20.714 ng/ul	94
40) Hexachlorocyclopentadiene	12.872	237	16580	12.676 ng/ul	96
41) 2,4,6-Trichlorophenol	13.136	196	29197	21.888 ng/ul#	84
42) 2,4,5-Trichlorophenol	13.207	196	30618	21.493 ng/ul	95
43) 1,1'-Biphenyl	13.530	154	109450	21.045 ng/ul	94
44) 2-Chloronaphthalene	13.577	162	85448	21.114 ng/ul	98
45) 2-Nitroaniline	13.777	65	33061	23.020 ng/ul	93
47) Dimethylphthalate	14.147	163	111088	20.419 ng/ul	97
48) 2,6-Dinitrotoluene	14.270	165	24567	22.626 ng/ul#	84
50) Acenaphthylene	14.423	152	131901	21.256 ng/ul	95
51) 3-Nitroaniline	14.599	138	24144	22.296 ng/ul	87
52) Acenaphthene	14.764	153	92692	20.827 ng/ul	94
53) 2,4-Dinitrophenol	14.817	184	10185	18.828 ng/ul#	74
55) 4-Nitrophenol	14.910	109	25402	20.333 ng/ul	96
56) Dibenzofuran	15.098	168	129310	21.517 ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	34511	22.423 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.328	232	29754	23.015 ng/ul	96
59) Diethylphthalate	15.510	149	114678	20.367 ng/ul	98
61) Fluorene	15.751	166	108991	21.364 ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.739	204	56370	21.226 ng/ul	89
63) 4-Nitroaniline	15.762	138	23586	21.964 ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.827	198	17051	17.796 ng/ul#	82
67) N-Nitrosodiphenylamine	15.950	169	92267	20.960 ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	40764	21.796 ng/ul	94
69) Hexachlorobenzene	16.755	284	45633	21.565 ng/ul	98
70) Atrazine	16.896	200	41472	20.627 ng/ul	95
71) Pentachlorophenol	17.102	266	20628	21.053 ng/ul	95
72) Phenanthrene	17.495	178	177635	20.314 ng/ul	96
74) Anthracene	17.583	178	178340	20.126 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	49464	21.672 ng/uL	99
76) Pentachlorobenzene	15.022	250	52540	21.757 ng/uL	98
77) Carbazole	17.854	167	155703	19.654 ng/ul	98
78) Di-n-butylphthalate	18.406	149	189997	19.286 ng/ul	99
80) Fluoranthene	19.504	202	206606	22.650 ng/ul	98
82) Pyrene	19.863	202	208751	23.050 ng/ul	99
83) Butylbenzylphthalate	20.744	149	79607	22.578 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.625	252	68156	20.190 ng/ul	96
85) Benzo(a)anthracene	21.713	228	194773	21.684 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	114468	21.876 ng/ul	96
87) Chrysene	21.778	228	181852	21.152 ng/ul	99
89) Di-n-octyl phthalate	22.835	149	186101	21.682 ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	195669m	> 21.380 ng/ul	> 07/28/21 JU
91) Benzo(k)fluoranthene	24.033	252	192205	21.459 ng/ul	98
93) Benzo(a)pyrene	24.856	252	169936	21.404 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.768	276	226991m	> 22.407 ng/ul	> 07/28/21 JU
95) Dibenzo(a,h)anthracene	28.815	278	190527	22.727 ng/ul#	93
96) Benzo(g,h,i)perylene	29.931	276	188966	22.436 ng/ul	93

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