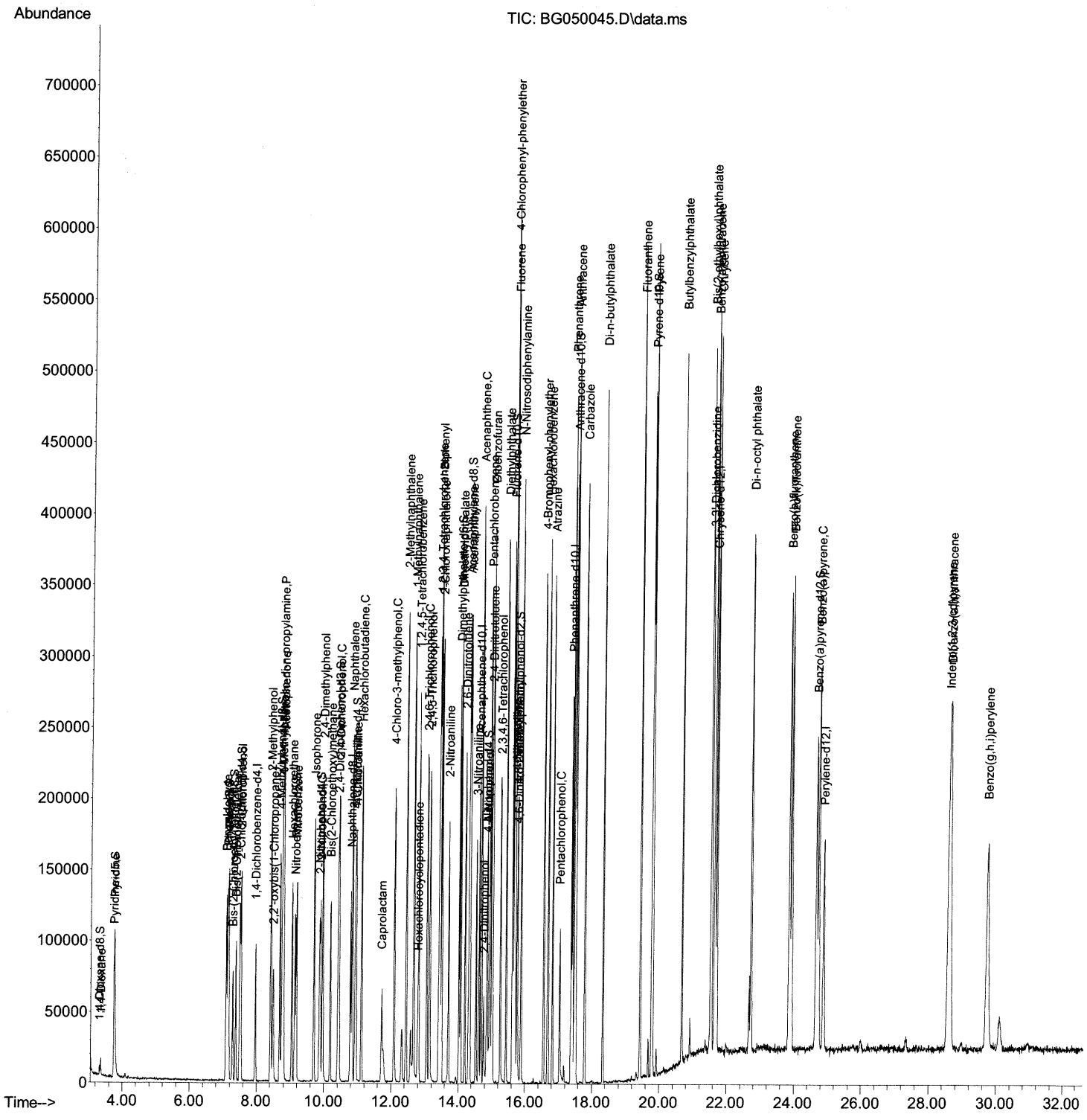
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050045.D
Acq On : 31 Aug 2021 1:20
Operator : CG/JU
Sample : PB138640BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 04:29:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS640

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:53 AM



Quantitation Report (Qedit)

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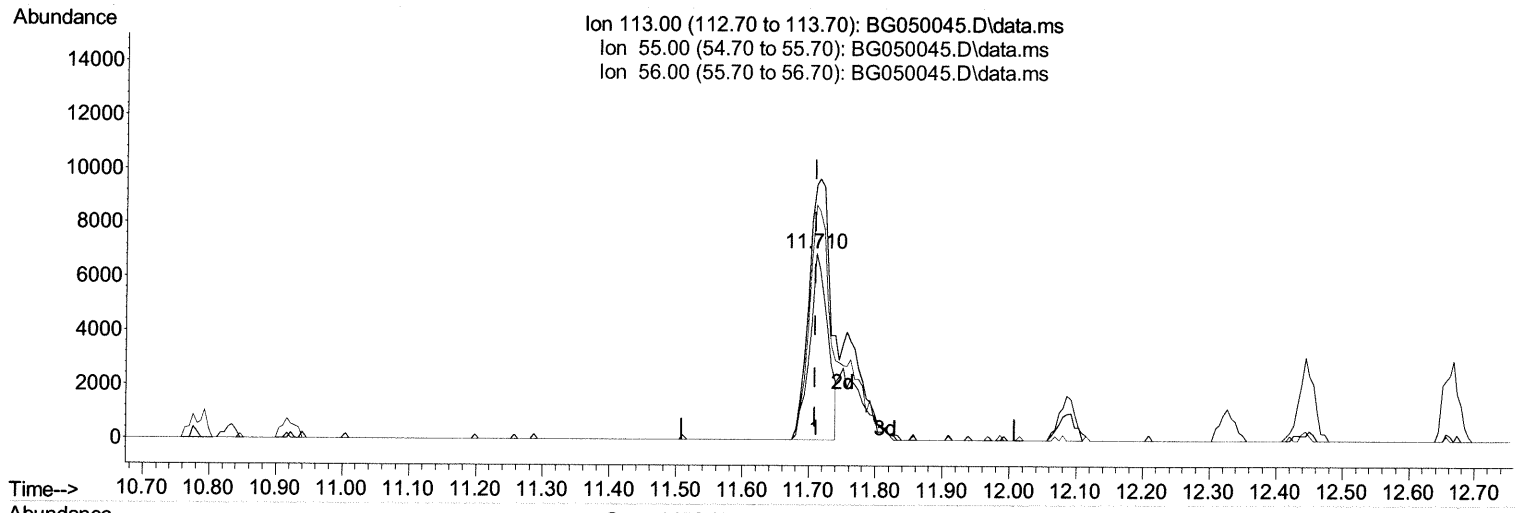

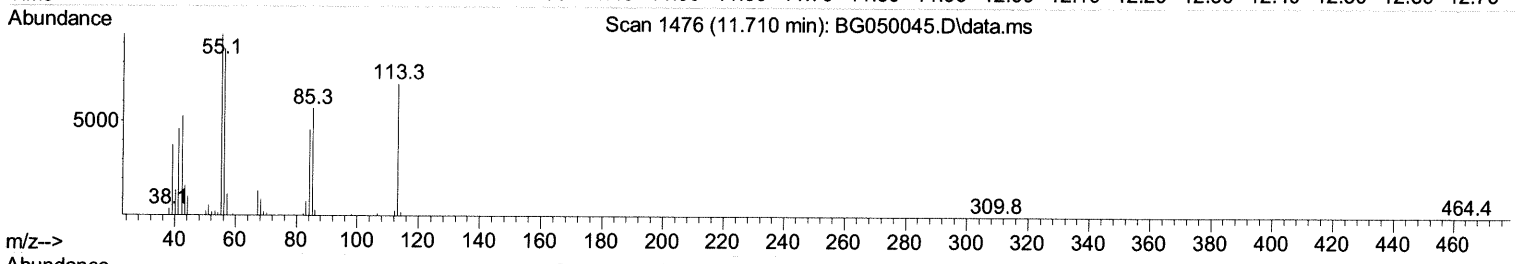

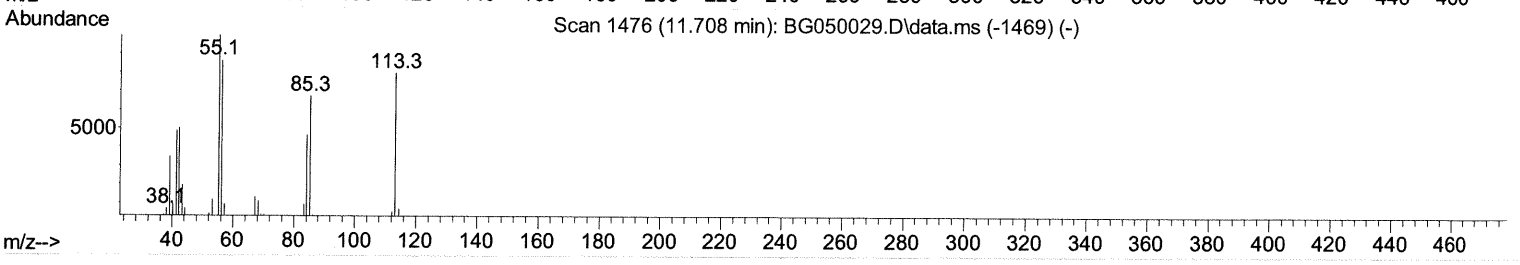

TIC: BG050045.D\data.ms

(34) Caprolactam

11.710min (+ 0.001) 22.37 ng/ul

response 13177

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	136.23
56.00	134.20	125.70
0.00	0.00	0.00

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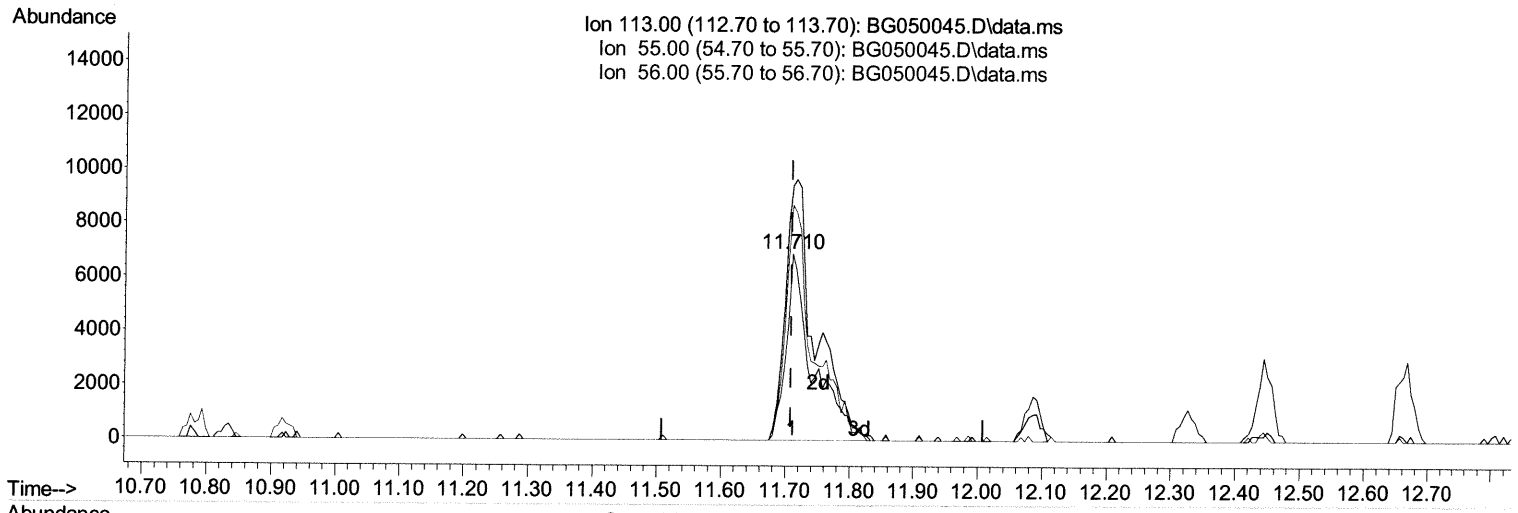

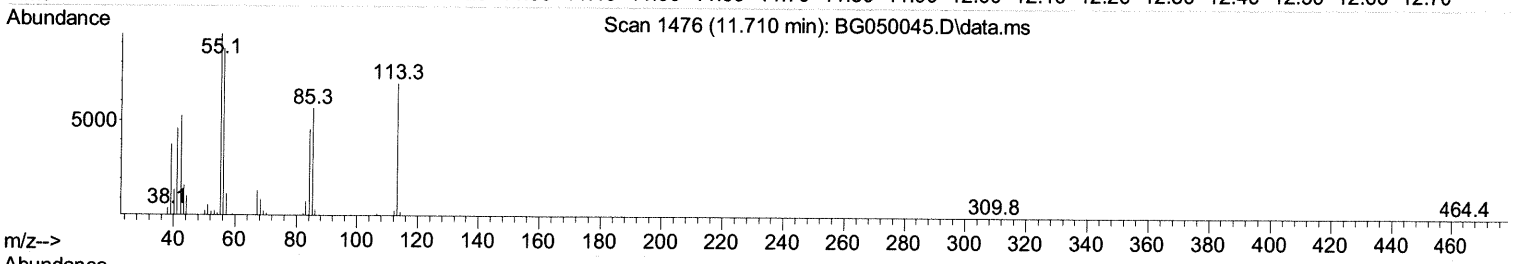

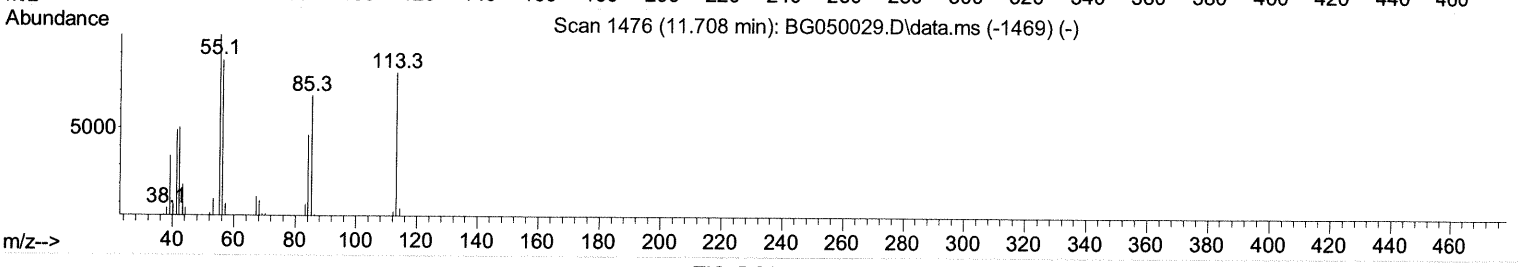

TIC: BG050045.D\data.ms

(34) Caprolactam

11.710min (+ 0.001) 33.56 ng/ul m 09/01/21 JU

response 19770

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	136.23
56.00	134.20	125.70
0.00	0.00	0.00

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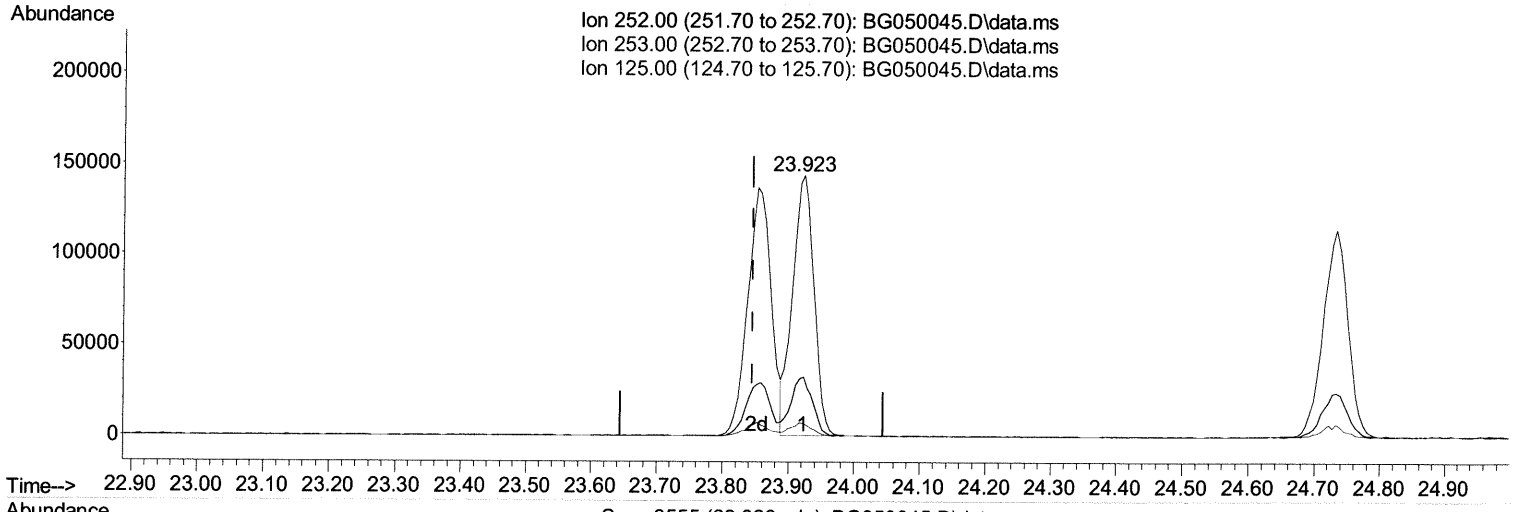

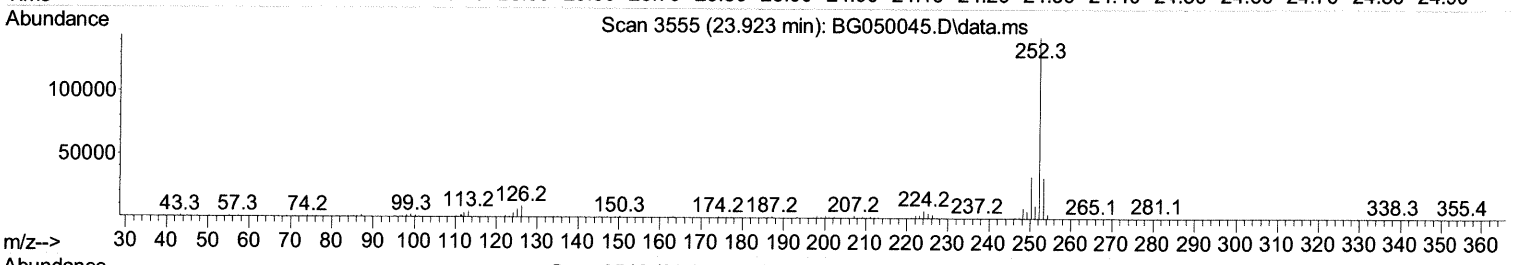

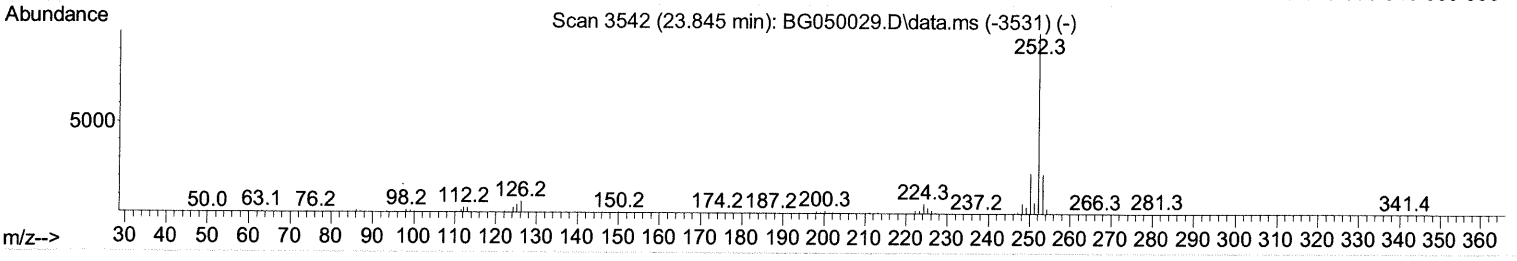

TIC: BG050045.D\data.ms

(90) Benzo(b)fluoranthene

23.923min (+ 0.078) 33.89 ng/ul

response 328342

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.51
125.00	4.20	4.63
0.00	0.00	0.00

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mohammad
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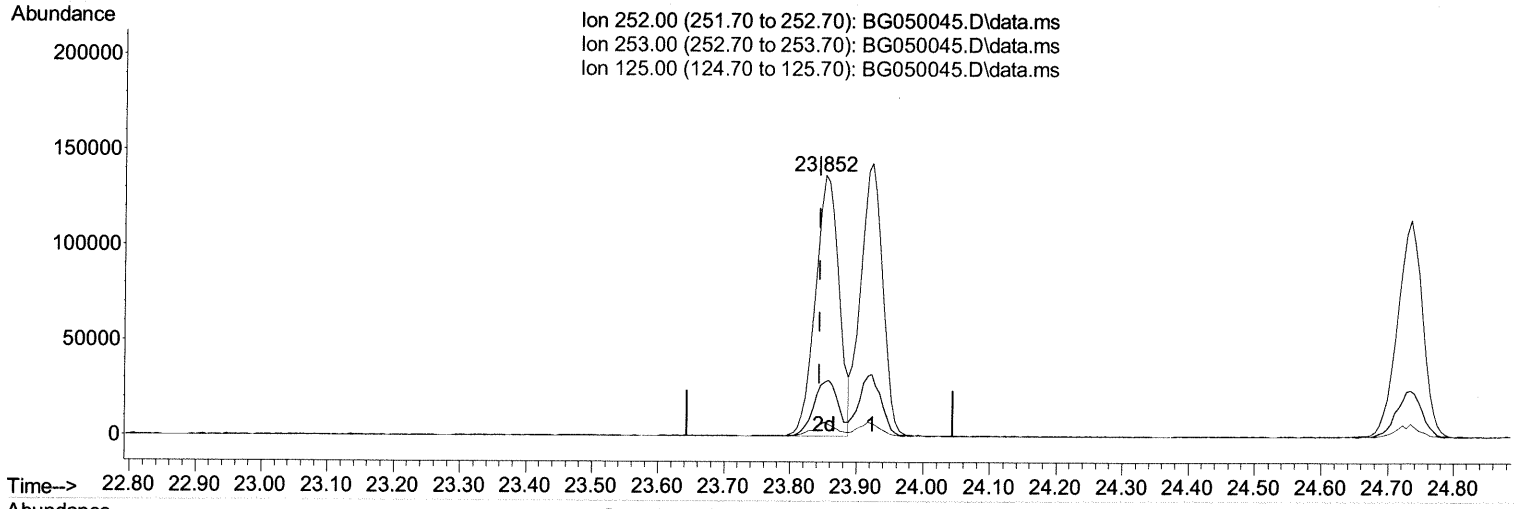

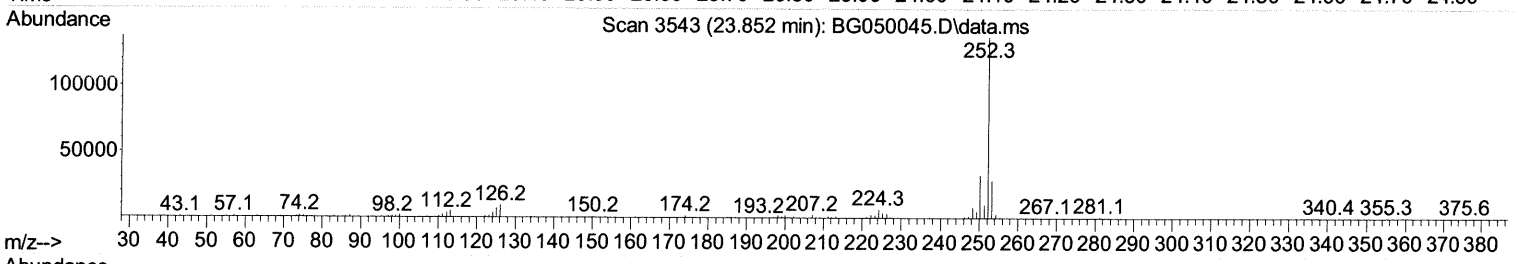

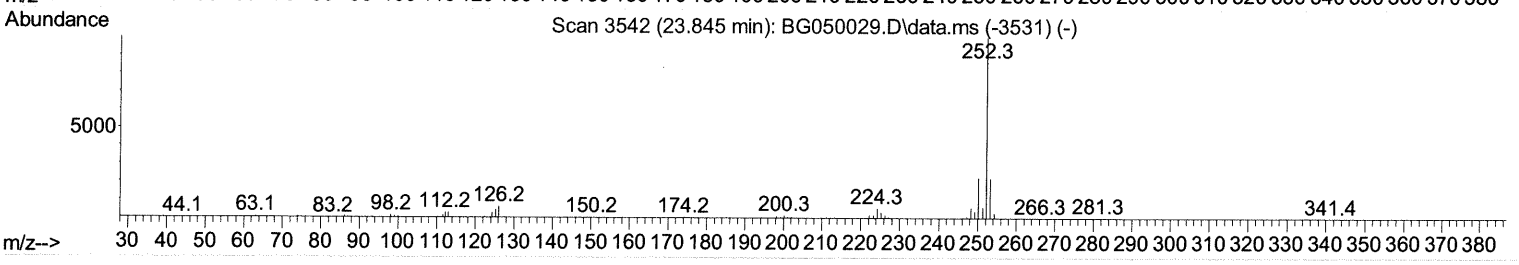

TIC: BG050045.D\data.ms

(90) Benzo(b)fluoranthene

23.852min (+ 0.007) 35.02 ng/ul m 09/01/21 JU

response 339253

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	20.72
125.00	4.20	5.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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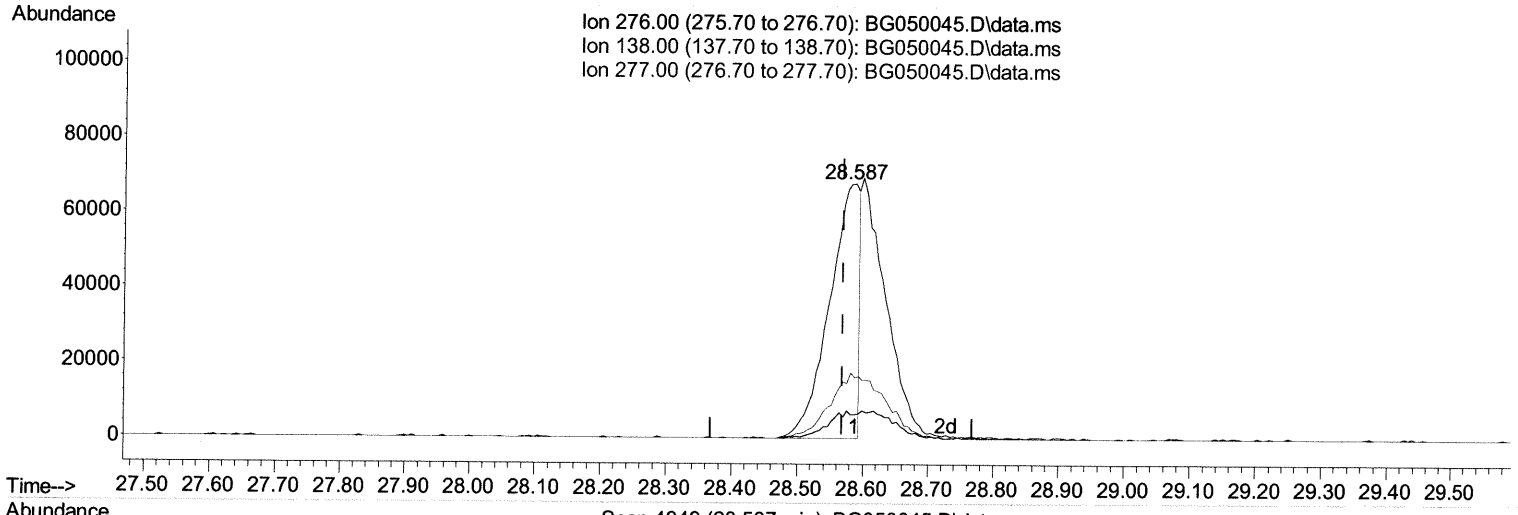

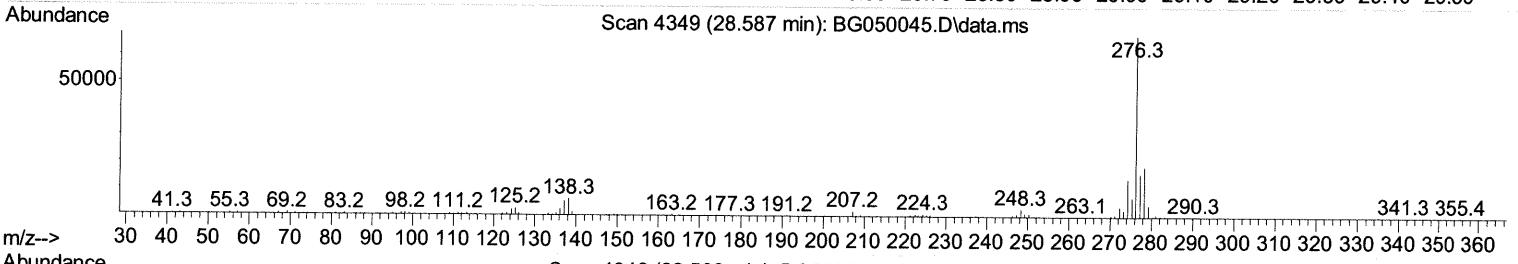

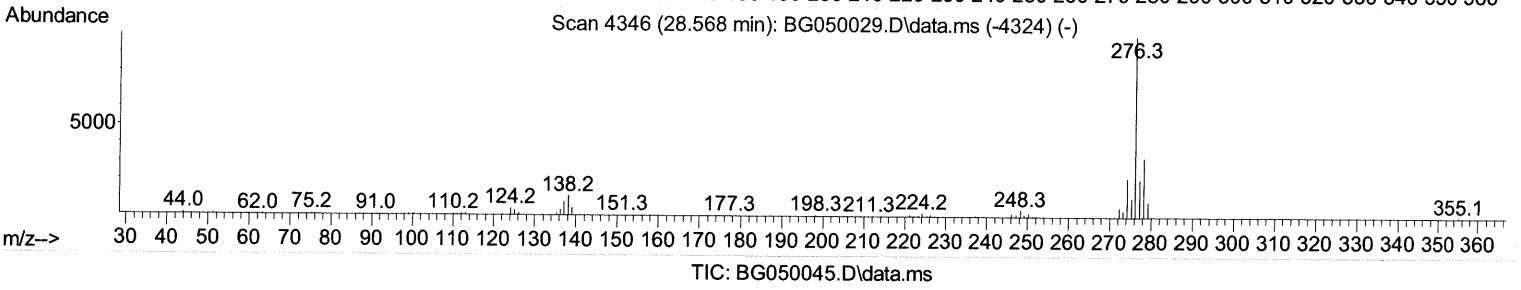

TIC: BG050045.D\data.ms

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

28.587min (+ 0.019) 19.50 ng/ul

response 216462

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	9.27#
277.00	23.20	23.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB138640BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Manual Integrations APPROVED
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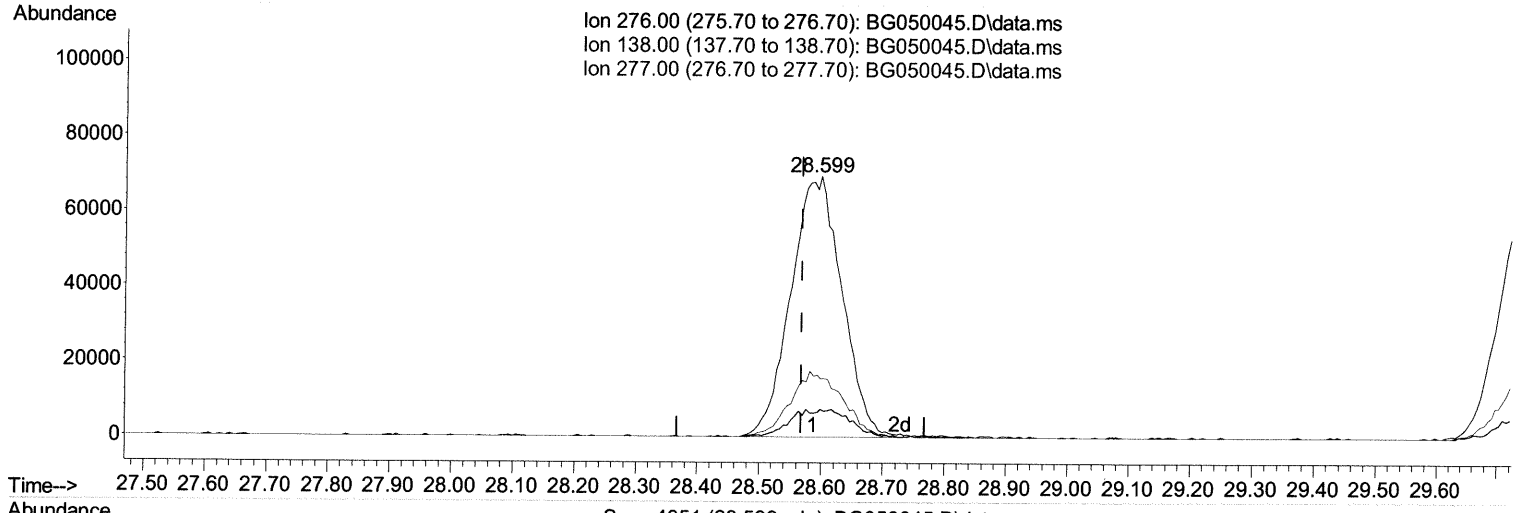

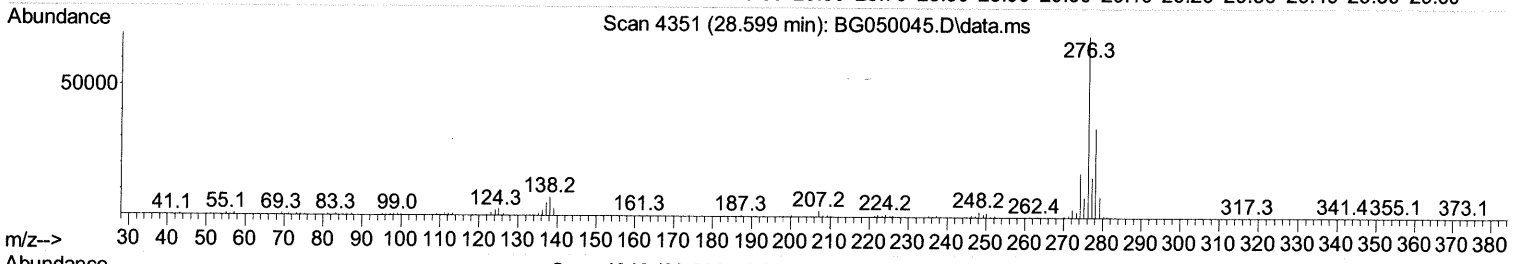

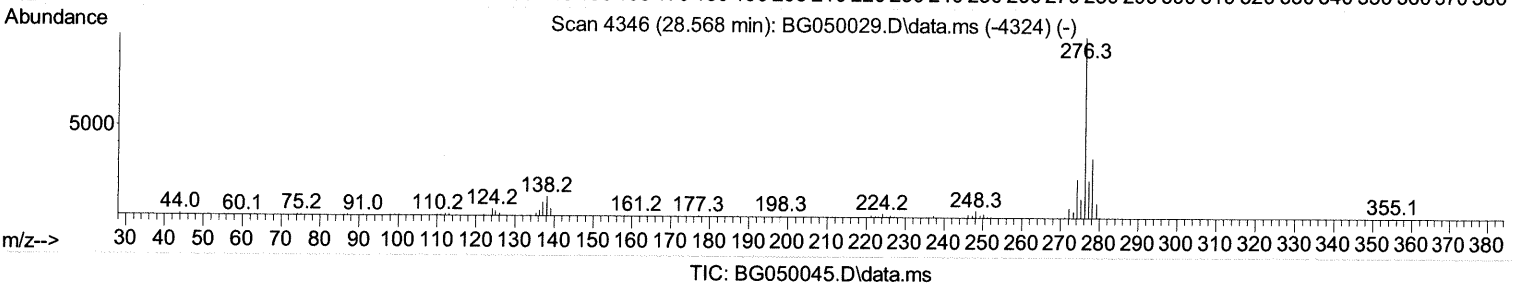

TIC: BG050045.D\data.ms

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

28.599min (+ 0.031) 35.66 ng/ul m 09/01/21 JU

response 395740

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.54#
277.00	23.20	22.22
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	7.962	152	26407	20.000	ng/ul	0.00
20) Naphthalene-d8	10.782	136	111294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.623	164	80772	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.378	188	166850	20.000	ng/ul	0.00
79) Chrysene-d12	21.655	240	148412	20.000	ng/ul	0.00
88) Perylene-d12	24.886	264	151460	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2945	5.751	ng/uL	0.00
4) Pyridine-d5	3.738	84	44509	28.855	ng/ul	0.00
7) Phenol-d5	7.134	99	69952	31.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.280	67	37052	29.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	53991	32.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.684	113	55254	31.288	ng/ul	0.00
21) Nitrobenzene-d5	9.137	128	28454	32.977	ng/ul	0.00
24) 2-Nitrophenol-d4	9.865	143	31696	30.850	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.411	165	59637	32.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.923	131	69444	27.842	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	177989	28.793	ng/ul	0.00
49) Acenaphthylene-d8	14.318	160	229475	31.661	ng/ul	0.00
54) 4-Nitrophenol-d4	14.852	143	25393	28.392	ng/ul	0.00
60) Fluorene-d10	15.616	176	160831	30.687	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	29643	27.615	ng/ul	0.00
73) Anthracene-d10	17.478	188	246318	32.876	ng/ul	0.00
81) Pyrene-d10	19.769	212	269104	33.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	244237	30.395	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	7390	11.838	ng/uL#	86
5) Pyridine	3.762	79	53760	32.247	ng/ul#	87
6) Benzaldehyde	7.092	77	46158	35.770	ng/ul	96
8) Phenol	7.163	94	79378	35.046	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.374	93	54094	34.597	ng/ul	92
12) 2-Chlorophenol	7.527	128	60908	36.737	ng/ul#	86
13) 2-Methylphenol	8.420	108	61727	35.325	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.491	45	56529	34.478	ng/ul	98
16) Acetophenone	8.790	105	100435	34.873	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.772	70	50258	34.753	ng/ul	96
18) 4-Methylphenol	8.749	108	64314	34.212	ng/ul	89
19) Hexachloroethane	9.043	117	28271	38.963	ng/ul	92
22) Nitrobenzene	9.178	77	80991	34.641	ng/ul	99
23) Isophorone	9.701	82	140723	33.782	ng/ul	98
25) 2-Nitrophenol	9.895	139	34956	34.995	ng/ul#	89
26) 2,4-Dimethylphenol	9.959	107	79542	35.831	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.182	93	74752	34.751	ng/ul	93
29) 2,4-Dichlorophenol	10.441	162	63832	37.951	ng/ul	97
30) Naphthalene	10.834	128	196236	35.277	ng/ul	96
32) 4-Chloroaniline	10.946	127	74767	31.126	ng/ul	95
33) Hexachlorobutadiene	11.111	225	49138	36.114	ng/ul	96
34) Caprolactam	11.710	113	19770m	33.556	ng/ul	09/01/21 JU
35) 4-Chloro-3-methylphenol	12.086	107	75598	37.608	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.444	142	150854	36.481	ng/ul	99
37) 1-Methylnaphthalene	12.667	142	144990	34.737	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.814	216	87227	36.767	ng/ul#	96
40) Hexachlorocyclopentadiene	12.791	237	10593	9.977	ng/ul	94
41) 2,4,6-Trichlorophenol	13.067	196	54938	36.338	ng/ul	89
42) 2,4,5-Trichlorophenol	13.143	196	57274	36.146	ng/ul	89
43) 1,1'-Biphenyl	13.454	154	198296	35.140	ng/ul	99
44) 2-Chloronaphthalene	13.501	162	156520	34.532	ng/ul	98
45) 2-Nitroaniline	13.707	65	52730	34.264	ng/ul	93
47) Dimethylphthalate	14.071	163	200240	32.731	ng/ul	97
48) 2,6-Dinitrotoluene	14.200	165	43940	34.789	ng/ul	93
50) Acenaphthylene	14.347	152	235713	35.583	ng/ul	96
51) 3-Nitroaniline	14.535	138	39779	32.638	ng/ul	90
52) Acenaphthene	14.688	153	169366	35.245	ng/ul	97
53) 2,4-Dinitrophenol	14.759	184	15912	24.666	ng/ul#	82
55) 4-Nitrophenol	14.870	109	33248	29.321	ng/ul	98
56) Dibenzofuran	15.023	168	230290	34.606	ng/ul	98
57) 2,4-Dinitrotoluene	14.999	165	62051	34.154	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.264	232	48299	36.784	ng/ul#	89
59) Diethylphthalate	15.434	149	204368	32.655	ng/ul	96
61) Fluorene	15.675	166	195452	34.813	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	102839	34.619	ng/ul	98
63) 4-Nitroaniline	15.704	138	43233	35.546	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	30067	30.903	ng/ul#	94
67) N-Nitrosodiphenylamine	15.881	169	164098	37.356	ng/ul	100
68) 4-Bromophenyl-phenylether	16.556	248	72007	39.012	ng/ul	98
69) Hexachlorobenzene	16.685	284	80566	37.801	ng/ul	97
70) Atrazine	16.826	200	73493	37.660	ng/ul	98
71) Pentachlorophenol	17.038	266	22426	24.848	ng/ul	93
72) Phenanthrene	17.420	178	309980	37.267	ng/ul	97
74) Anthracene	17.514	178	309040	36.663	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.425	216	89491	39.977	ng/uL	91
76) Pentachlorobenzene	14.952	250	90185	38.021	ng/uL	95
77) Carbazole	17.784	167	268835	35.842	ng/ul	98
78) Di-n-butylphthalate	18.330	149	339883	35.431	ng/ul	98
80) Fluoranthene	19.435	202	372085	37.597	ng/ul	99
82) Pyrene	19.799	202	362115	36.925	ng/ul	99
83) Butylbenzylphthalate	20.674	149	142137	36.727	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.543	252	110343	31.365	ng/ul	97
85) Benzo(a)anthracene	21.632	228	332231	35.926	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.520	149	192366	36.194	ng/ul#	98
87) Chrysene	21.702	228	320937	36.713	ng/ul	97
89) Di-n-octyl phthalate	22.724	149	322935	35.941	ng/ul	100
90) Benzo(b)fluoranthene	23.852	252	339253m	35.017	ng/ul	09/01/21 JU
91) Benzo(k)fluoranthene	23.923	252	328271	35.646	ng/ul	99
93) Benzo(a)pyrene	24.733	252	298830	35.516	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.599	276	395740m	35.656	ng/ul	09/01/21 JU
95) Dibenzo(a,h)anthracene	28.634	278	324515	34.927	ng/ul	99
96) Benzo(g,h,i)perylene	29.744	276	318367	34.119	ng/ul	96

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