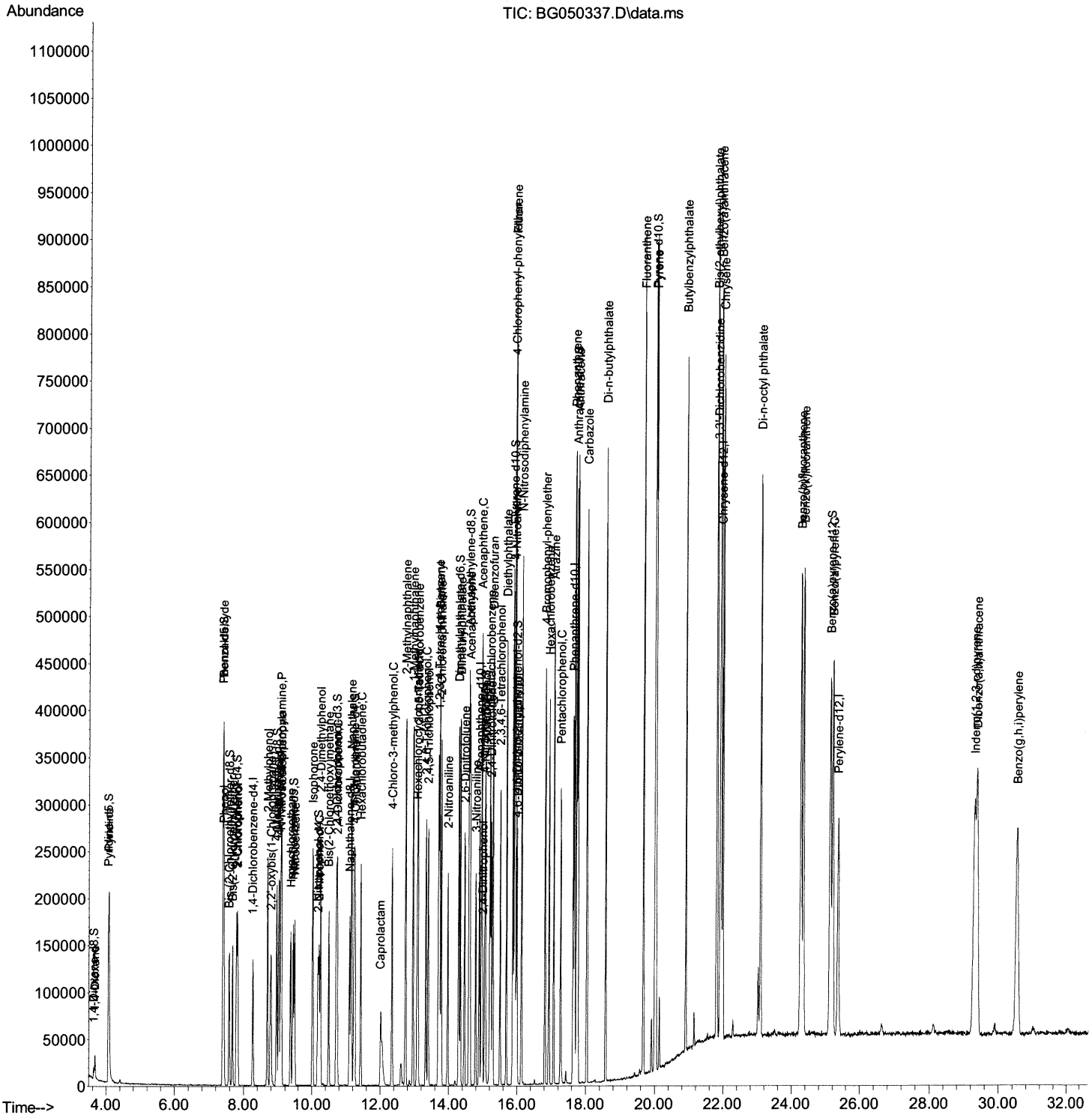
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050337.D
Acq On : 1 Oct 2021 00:43
Operator : CG/JU
Sample : PB139333BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 01 04:10:26 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
ClientSampleId :
SLCS333

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:19 AM



Quantitation Report (Qedit)

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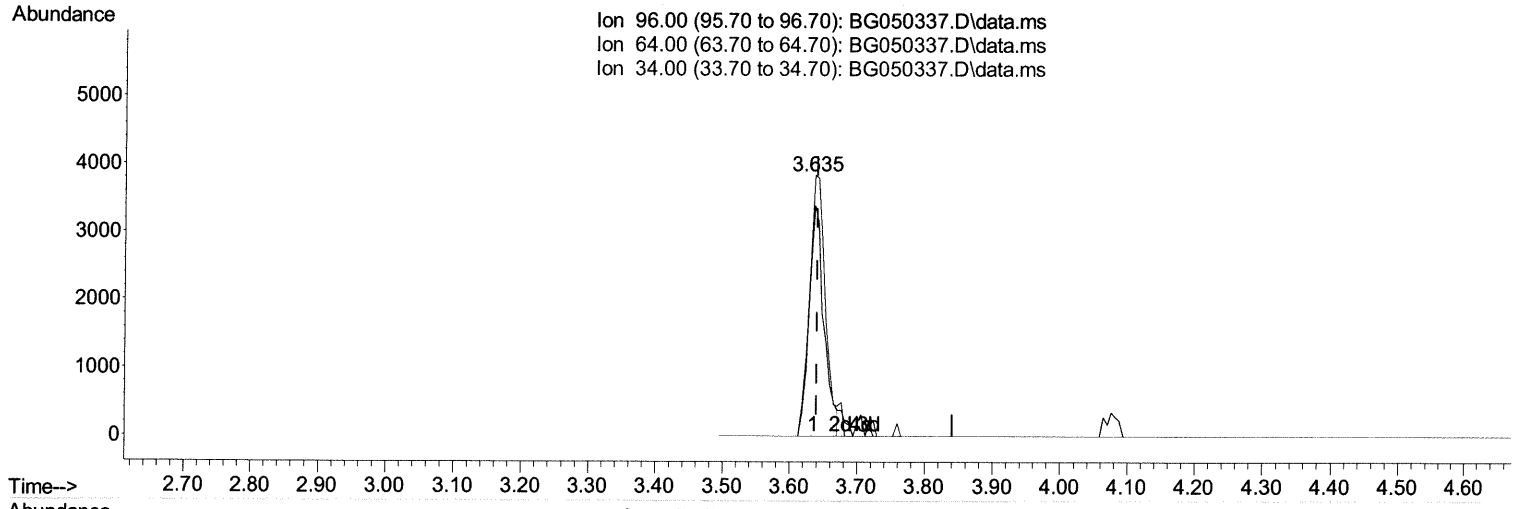

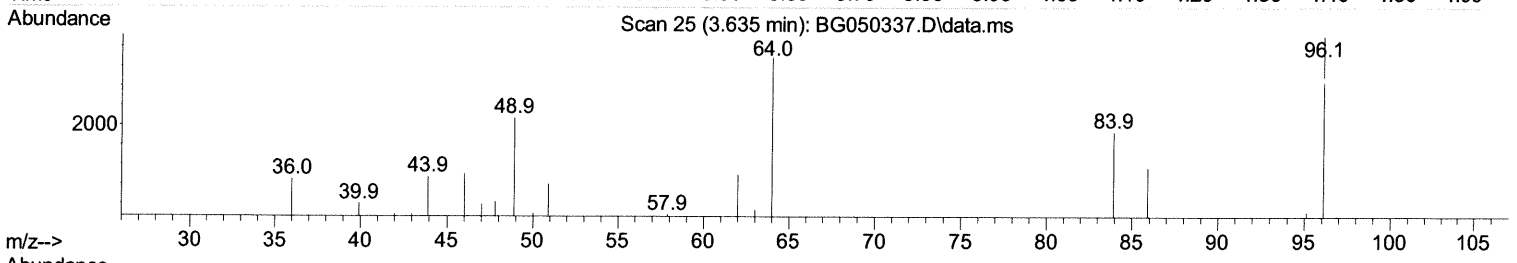

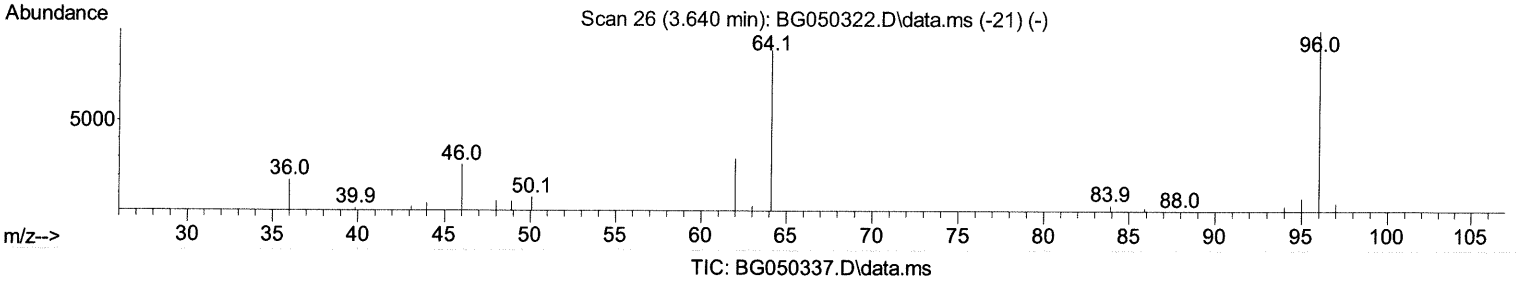

TIC: BG050337.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.635min (-0.005) 6.37 ng/uL

response 6408

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	88.48
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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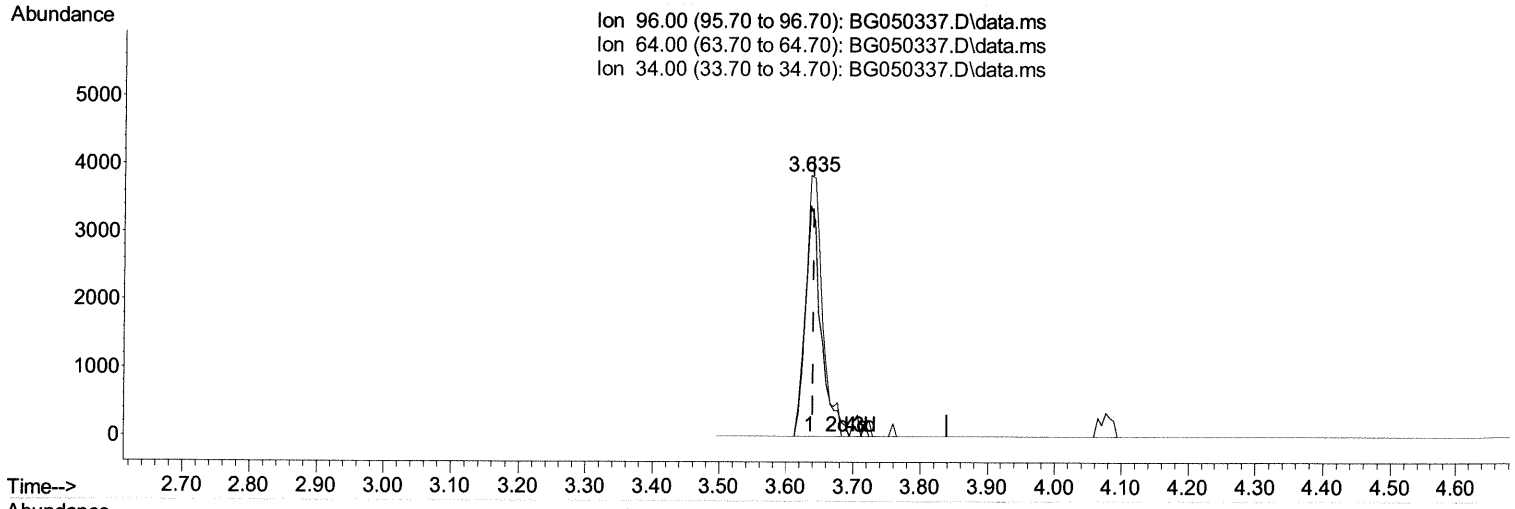
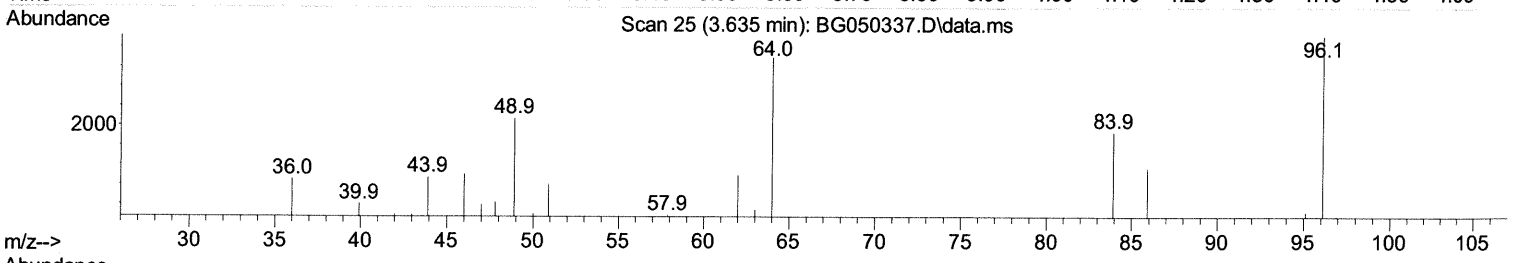
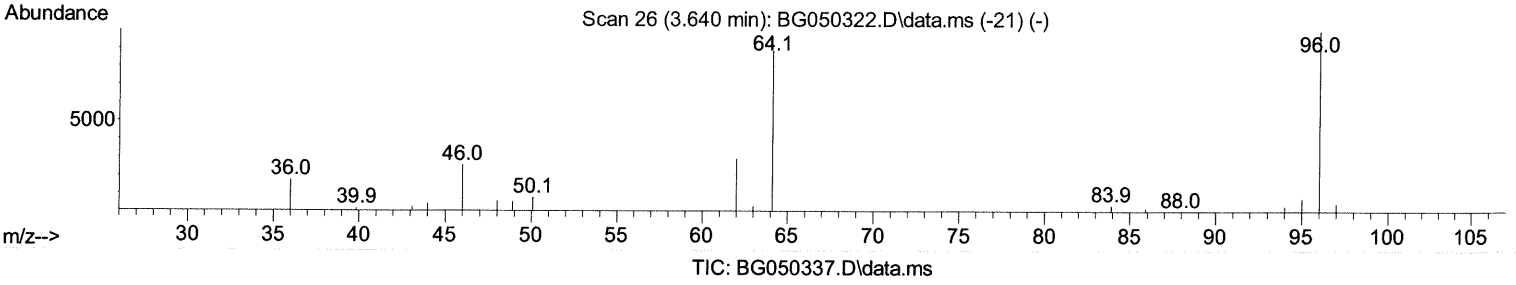
Manual Integrations APPROVED
mohammad
10/1/2021 11:30:19 AM







TIC: BG050337.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.635min (-0.005) 6.55 ng/uL m 10/05/21 JU

response 6583

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	88.48
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB139333BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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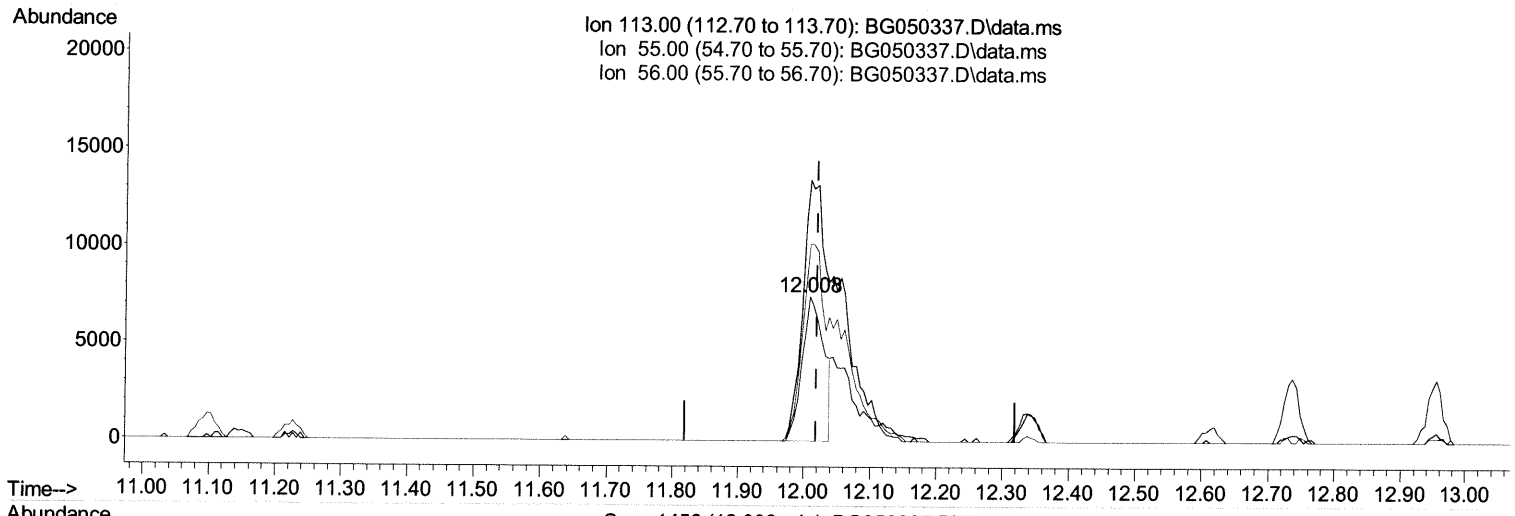

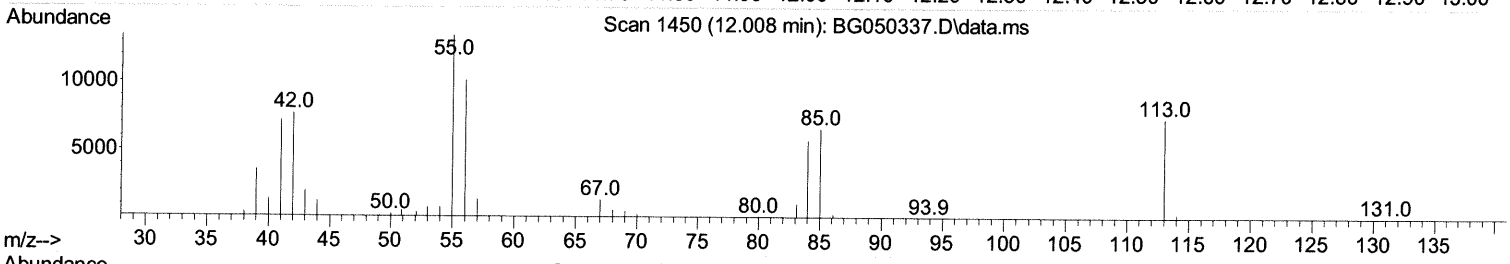

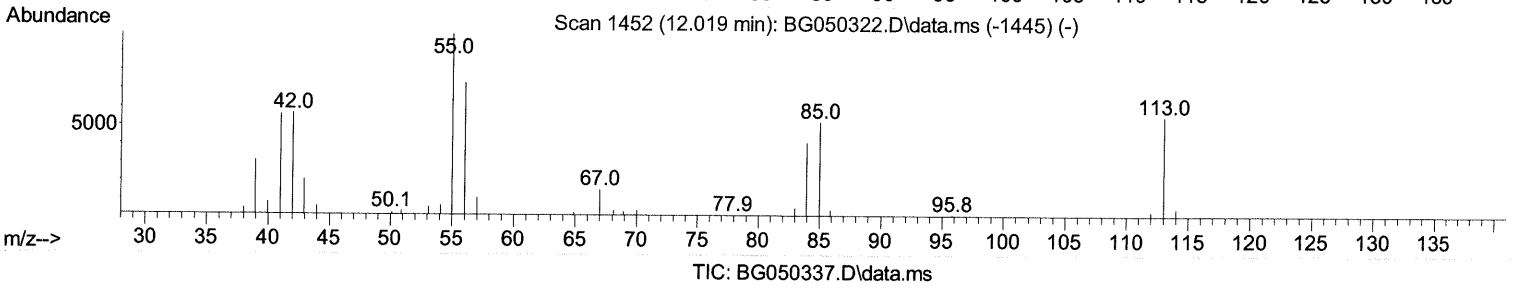

TIC: BG050337.D\data.ms

(34) Caprolactam

12.008min (-0.011) 20.29 ng/ul

response 16874

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	180.67
56.00	132.30	136.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
SLCS333

Manual Integrations APPROVED
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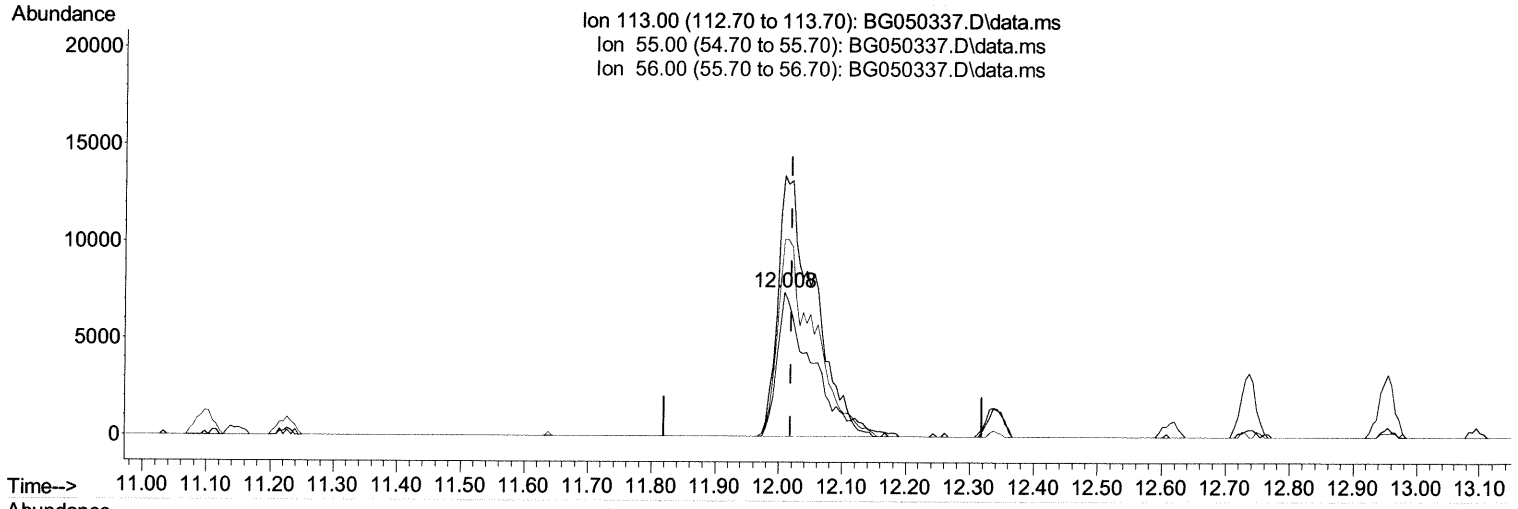

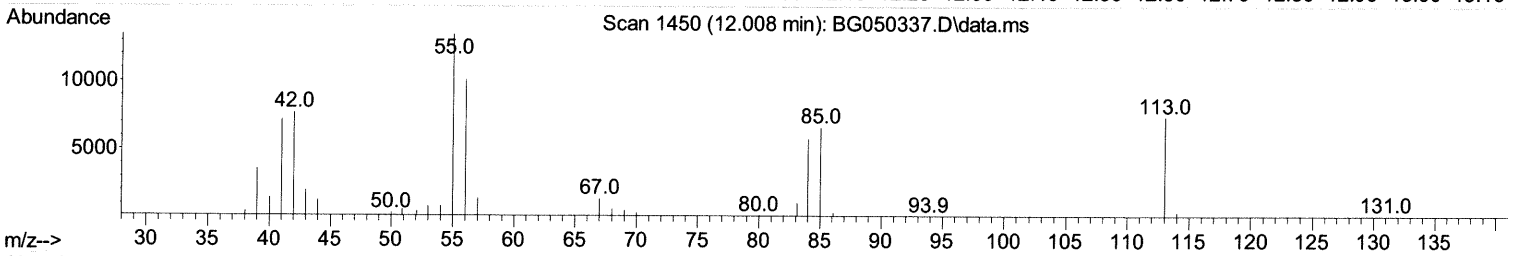

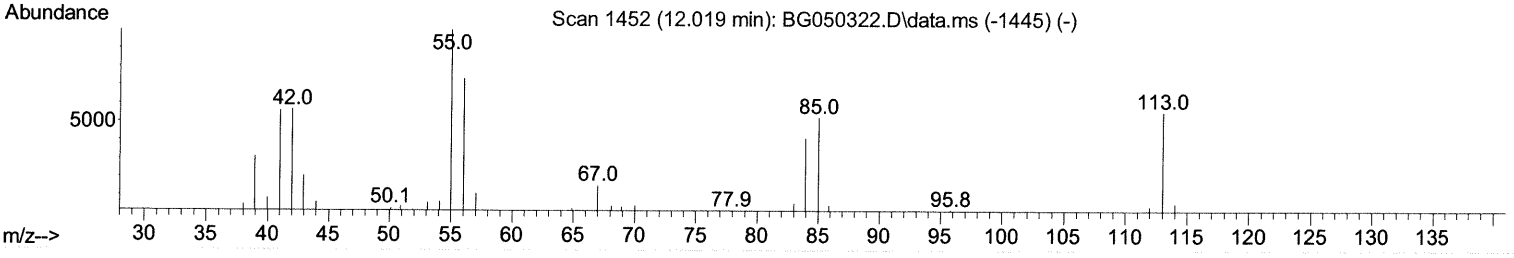

TIC: BG050337.D\data.ms

(34) Caprolactam

12.008min (-0.011) 33.53 ng/ul m 10/05/21 JU

response 27883

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	180.67
56.00	132.30	136.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG050337.D
Acq On : 1 Oct 2021 00:43
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Sample : PB139333BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
SLCS333

Manual Integrations APPROVED
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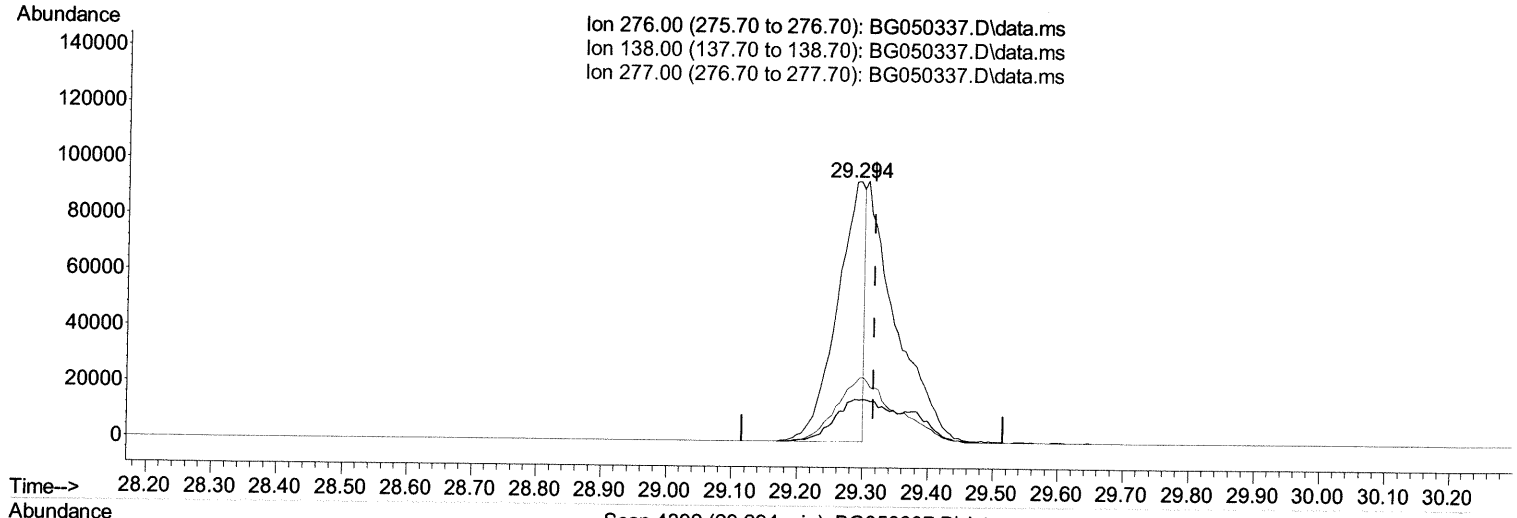

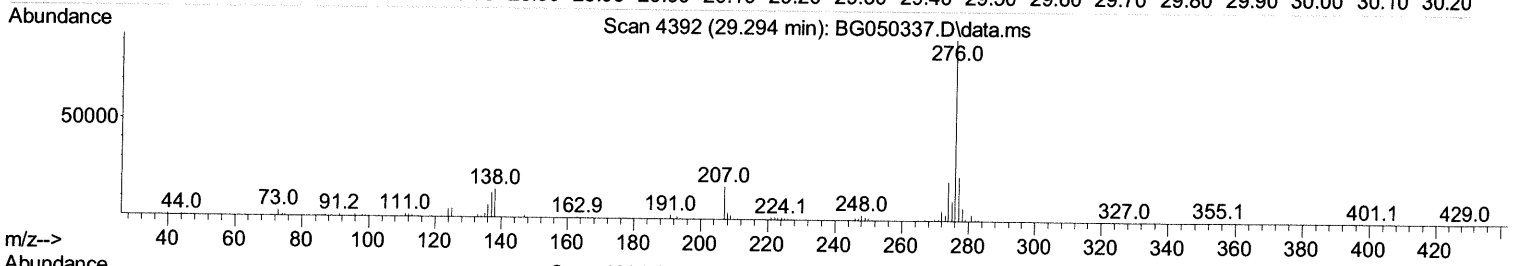

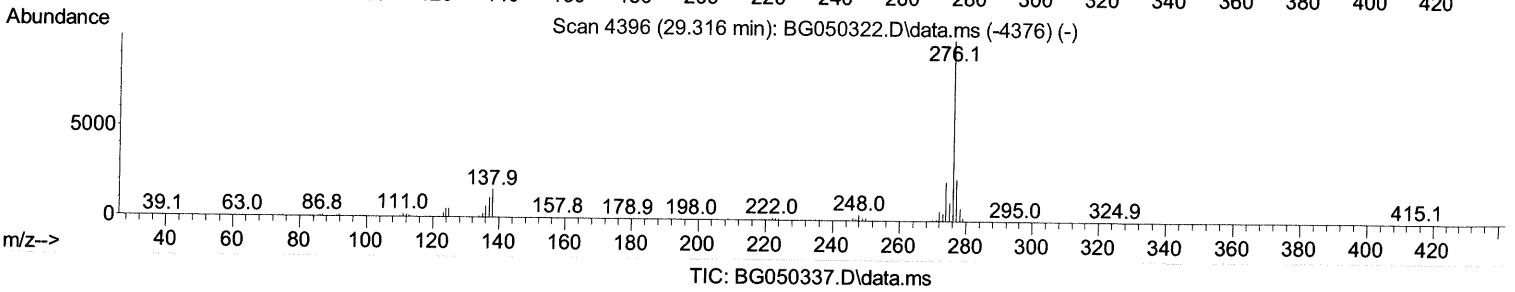

TIC: BG050337.D\data.ms

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

29.294min (-0.023) 16.84 ng/ul

response 271934

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.50	15.91
277.00	23.10	24.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG050337.D
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Operator : CG/JU
Sample : PB139333BS
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ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
SLCS333

Manual Integrations APPROVED
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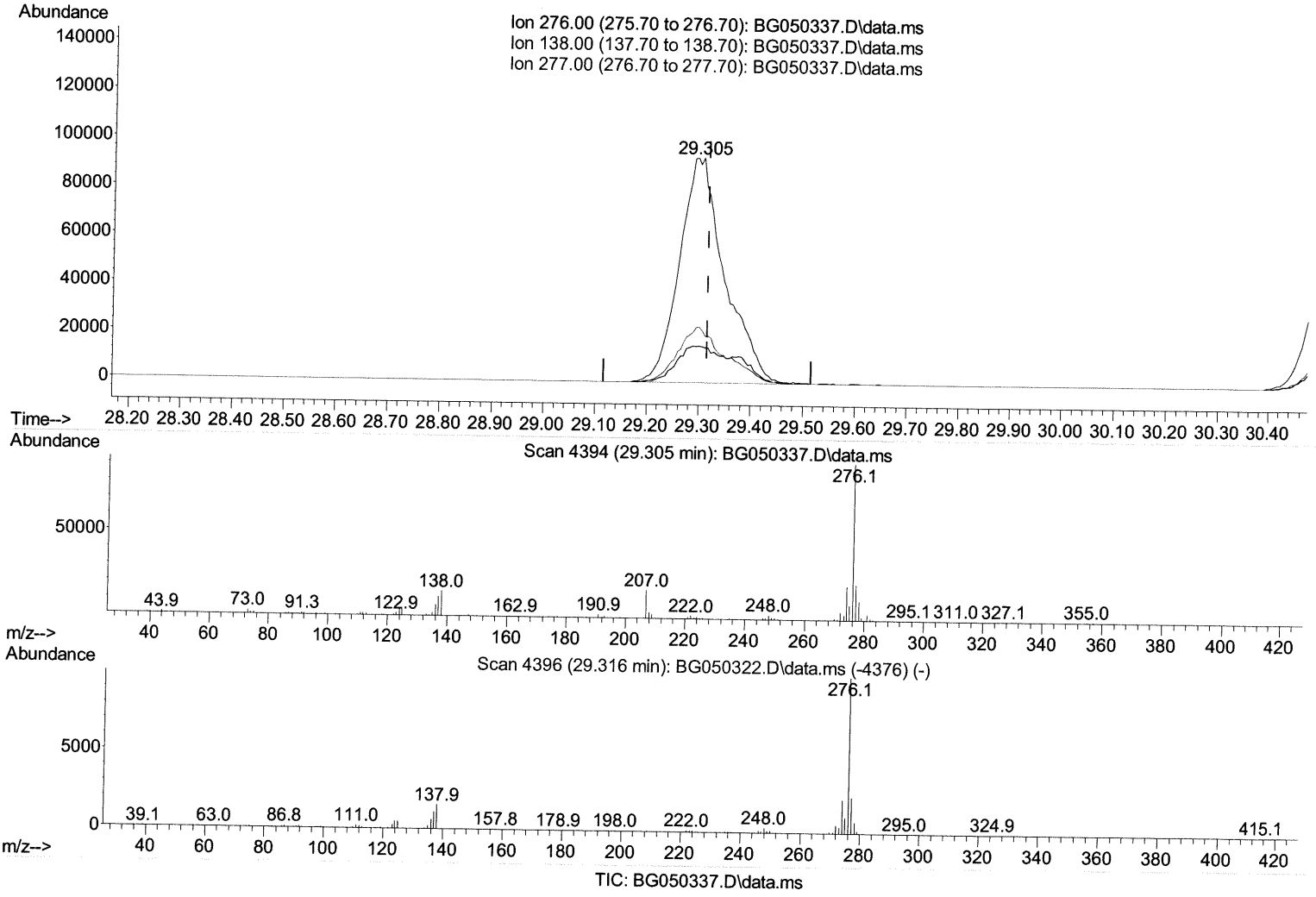

(94) Indeno(1,2,3-cd)pyrene

29.305min (-0.011) 34.90 ng/ul m CG/JU 10/05/21

response 563467

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.50	15.99
277.00	23.10	22.96
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	36937	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	146657	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.893	164	102154	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	252829	20.000	ng/ul	0.00
79) Chrysene-d12	21.938	240	244826	20.000	ng/ul	-0.01
88) Perylene-d12	25.363	264	247432	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	6583m>	6.548	ng/uL>	0.00 10/05/21 JU
4) Pyridine-d5	4.064	84	93276	31.135	ng/ul	0.00
7) Phenol-d5	7.402	99	109028	33.784	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.590	67	70940	34.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	75755	33.502	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	81536	33.380	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	38706	37.727	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	40454	36.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.704	165	78123	35.930	ng/ul	0.00
31) 4-Chloroaniline-d4	11.227	131	106535	34.298	ng/ul	0.00
46) Dimethylphthalate-d6	14.288	166	251030	35.907	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	306863	34.951	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	51176	38.006	ng/ul	0.00
60) Fluorene-d10	15.880	176	225945	35.871	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	44700	35.447	ng/ul	0.00
73) Anthracene-d10	17.731	188	373209	34.941	ng/ul	0.00
81) Pyrene-d10	20.005	212	474452	36.445	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.128	264	425154	34.172	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.677	88	15665	12.879	ng/uL#	85
5) Pyridine	4.082	79	97990	32.291	ng/ul	98
6) Benzaldehyde	7.407	77	74878	35.181	ng/ul	94
8) Phenol	7.431	94	111393	33.676	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.684	93	83400	33.614	ng/ul	98
12) 2-Chlorophenol	7.831	128	76925	33.251	ng/ul	91
13) 2-Methylphenol	8.700	108	80682	33.098	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.794	45	127542	34.262	ng/ul	99
16) Acetophenone	9.100	105	126120	32.497	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.076	70	73903	31.686	ng/ul	96
18) 4-Methylphenol	9.023	108	83418	32.312	ng/ul	96
19) Hexachloroethane	9.370	117	33504	33.697	ng/ul	94
22) Nitrobenzene	9.487	77	110625	35.978	ng/ul	98
23) Isophorone	10.010	82	193714	32.782	ng/ul	99
25) 2-Nitrophenol	10.198	139	40720	35.982	ng/ul	92
26) 2,4-Dimethylphenol	10.239	107	95203	33.890	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.486	93	107905	33.822	ng/ul	99
29) 2,4-Dichlorophenol	10.733	162	75290	34.975	ng/ul	99
30) Naphthalene	11.150	128	253053	33.609	ng/ul	99
32) 4-Chloroaniline	11.250	127	100497	32.137	ng/ul	95
33) Hexachlorobutadiene	11.426	225	52492	33.555	ng/ul	97
34) Caprolactam	12.008	113	27883m>	33.527	ng/ul>	10/05/21 JU
35) 4-Chloro-3-methylphenol	12.343	107	88392	34.828	ng/ul	97

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.737	142	179248	35.016 ng/ul	95
37) 1-Methylnaphthalene	12.954	142	171150	33.211 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.095	216	101608	34.466 ng/ul	96
40) Hexachlorocyclopentadiene	13.071	237	58921	30.138 ng/ul	93
41) 2,4,6-Trichlorophenol	13.324	196	65640	35.326 ng/ul	95
42) 2,4,5-Trichlorophenol	13.395	196	71809	35.329 ng/ul	98
43) 1,1'-Biphenyl	13.730	154	231231	33.635 ng/ul	98
44) 2-Chloronaphthalene	13.771	162	179498	33.328 ng/ul	97
45) 2-Nitroaniline	13.970	65	67165	38.091 ng/ul	96
47) Dimethylphthalate	14.335	163	242145	34.424 ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	47080	35.581 ng/ul	92
50) Acenaphthylene	14.617	152	279677	31.404 ng/ul	98
51) 3-Nitroaniline	14.787	138	50778	35.280 ng/ul	88
52) Acenaphthene	14.952	153	204637	34.766 ng/ul	97
53) 2,4-Dinitrophenol	14.987	184	29336	35.570 ng/ul#	86
55) 4-Nitrophenol	15.069	109	49305	37.030 ng/ul	95
56) Dibenzofuran	15.287	168	290059	33.883 ng/ul	99
57) 2,4-Dinitrotoluene	15.234	165	71906	37.425 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.504	232	62534	35.777 ng/ul	96
59) Diethylphthalate	15.686	149	261139	35.579 ng/ul	98
61) Fluorene	15.933	166	234413	34.419 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.921	204	124675	33.802 ng/ul	96
63) 4-Nitroaniline	15.945	138	53514	36.818 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.997	198	42541	34.127 ng/ul	95
67) N-Nitrosodiphenylamine	16.133	169	212916	33.307 ng/ul	94
68) 4-Bromophenyl-phenylether	16.814	248	78532	33.363 ng/ul	92
69) Hexachlorobenzene	16.932	284	83839	33.824 ng/ul	96
70) Atrazine	17.073	200	89475	32.873 ng/ul	97
71) Pentachlorophenol	17.272	266	54622	33.649 ng/ul	99
72) Phenanthrene	17.678	178	426770	33.816 ng/ul	98
74) Anthracene	17.766	178	419729	33.582 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.694	216	106217	31.866 ng/uL	91
76) Pentachlorobenzene	15.204	250	94666	31.087 ng/uL	97
77) Carbazole	18.030	167	396219	35.417 ng/ul	97
78) Di-n-butylphthalate	18.577	149	470593	35.498 ng/ul	99
80) Fluoranthene	19.670	202	558947	34.190 ng/ul	99
82) Pyrene	20.034	202	546089	33.874 ng/ul	98
83) Butylbenzylphthalate	20.909	149	210720	35.461 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	175502	34.780 ng/ul	96
85) Benzo(a)anthracene	21.914	228	509035	34.489 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.802	149	300358	35.175 ng/ul	100
87) Chrysene	21.985	228	484276	34.238 ng/ul	100
89) Di-n-octyl phthalate	23.089	149	513412	36.111 ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	529947	35.163 ng/ul	99
91) Benzo(k)fluoranthene	24.341	252	492539	35.121 ng/ul	97
93) Benzo(a)pyrene	25.204	252	461587	32.100 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.305	276	563467m >	34.901 ng/ul >	10/05/21 JU
95) Dibenzo(a,h)anthracene	29.376	278	474929	34.567 ng/ul	98
96) Benzo(g,h,i)perylene	30.539	276	465821	34.227 ng/ul	98

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