Quantitation Report (QT Reviewed)

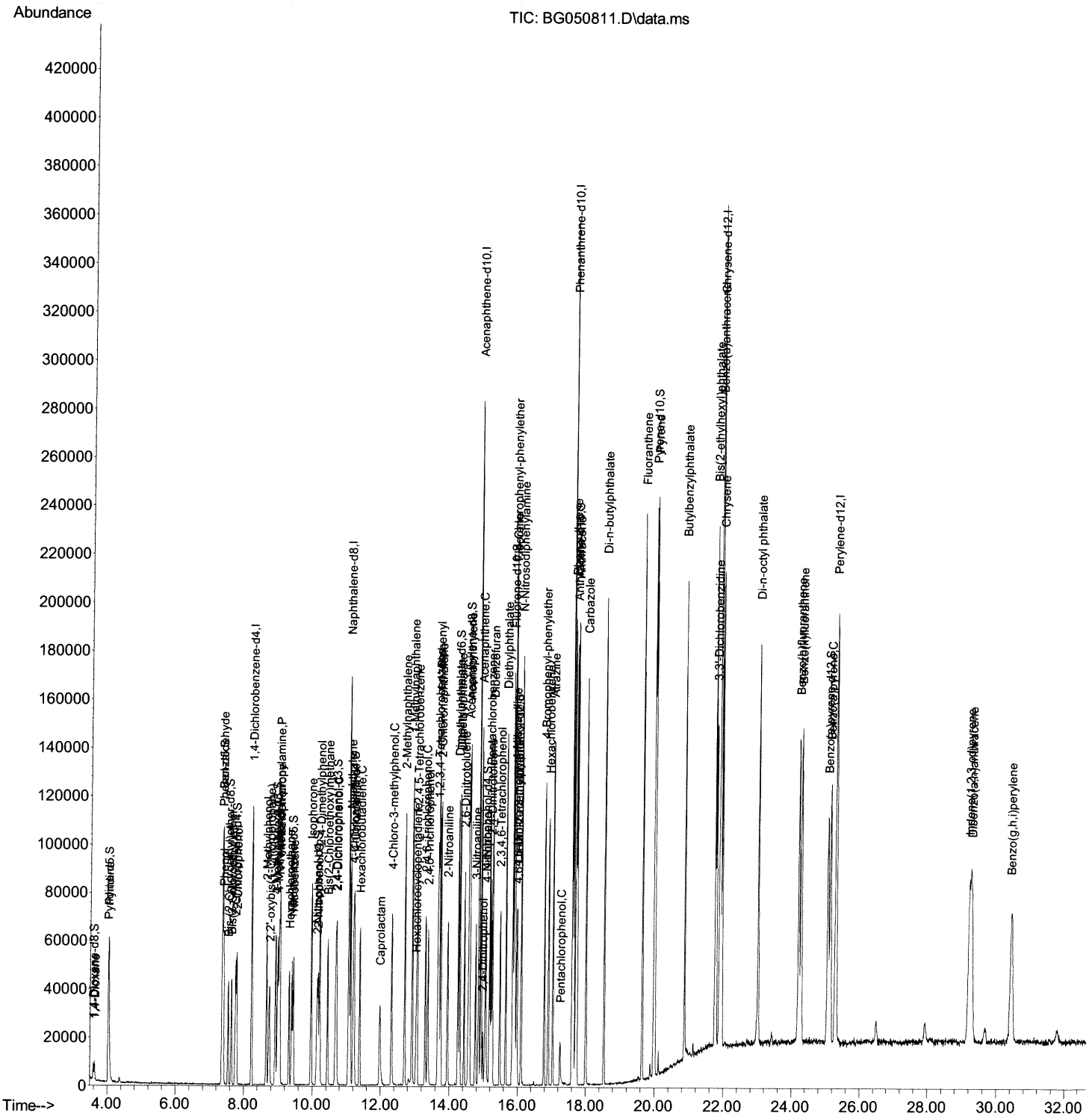
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050811.D
Acq On : 2 Nov 2021 10:09
Operator : CG/JU
Sample : SSTD01013
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 02 14:37:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:25:39 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010413

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021



Quantitation Report (Qedit)

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Data File : BG050811.D
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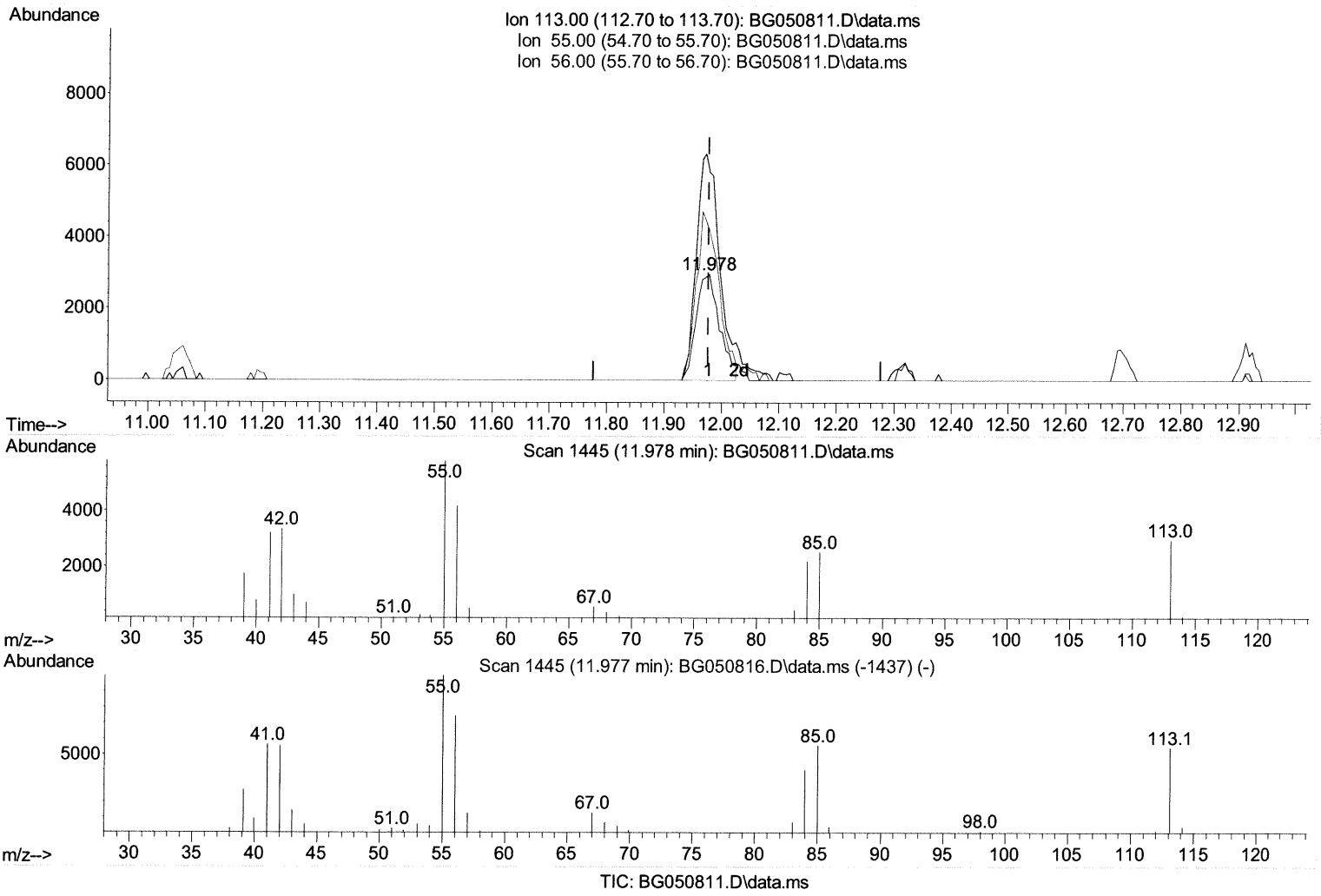

TIC: BG050811.D\data.ms

(34) Caprolactam

11.978min (+ 0.001) 8.78 ng/ul

response 8362

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	195.91
56.00	136.50	141.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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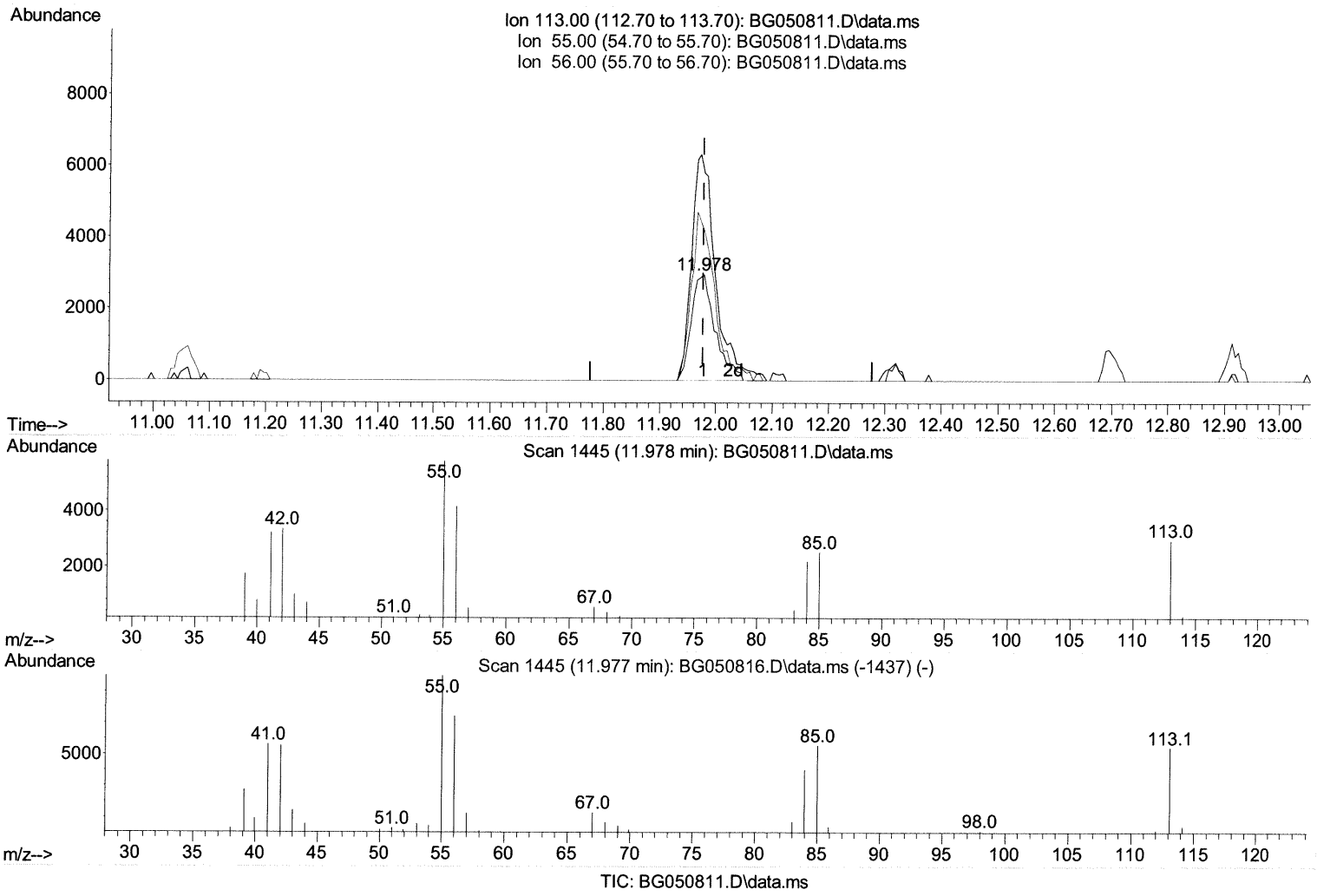

TIC: BG050811.D\data.ms

(34) Caprolactam

11.978min (+ 0.001) 9.12 ng/ul m 11/04/21 JU

response 8684

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	195.91
56.00	136.50	141.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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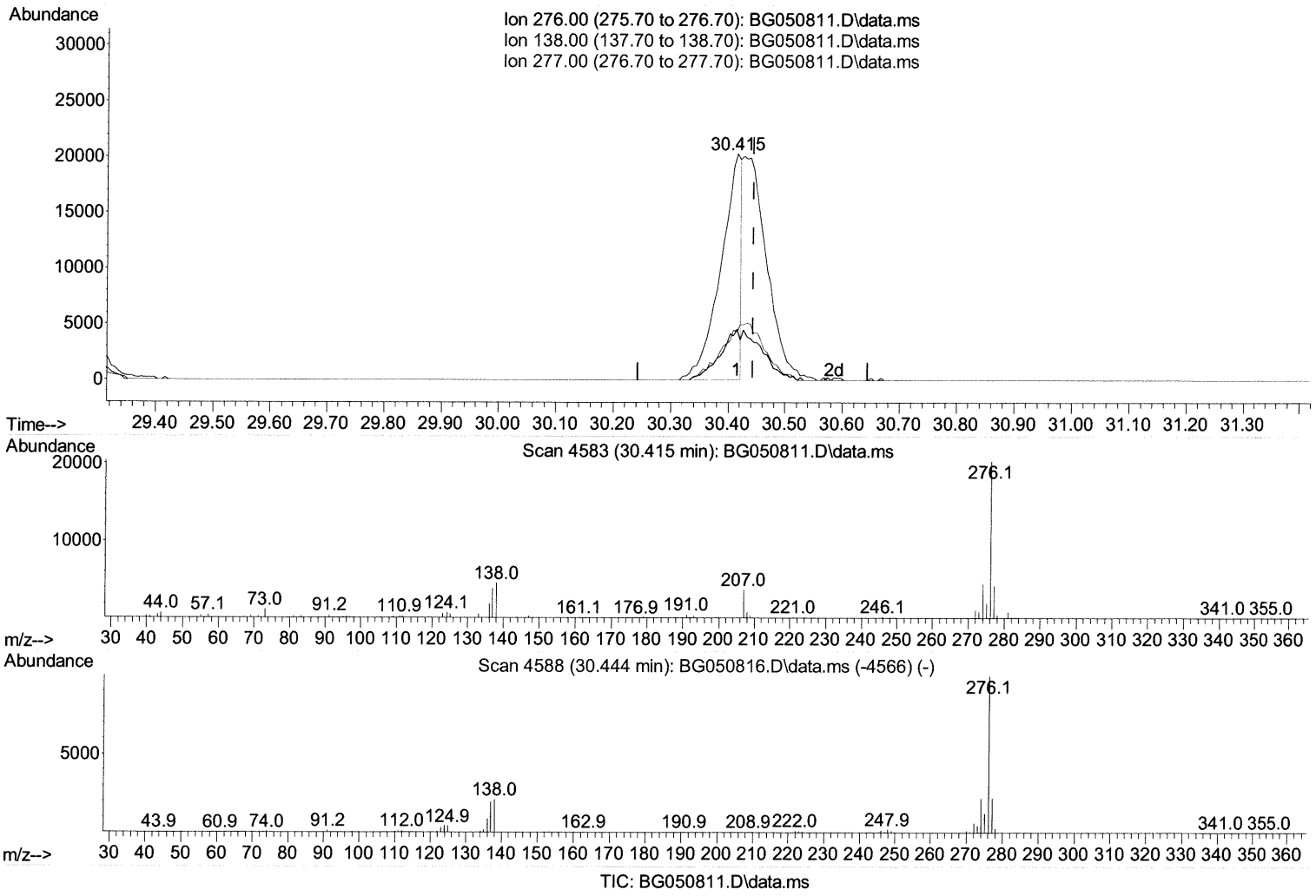

TIC: BG050811.D\data.ms

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

30.415min (-0.029) 4.46 ng/ul

response 50892

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	22.50
277.00	22.00	21.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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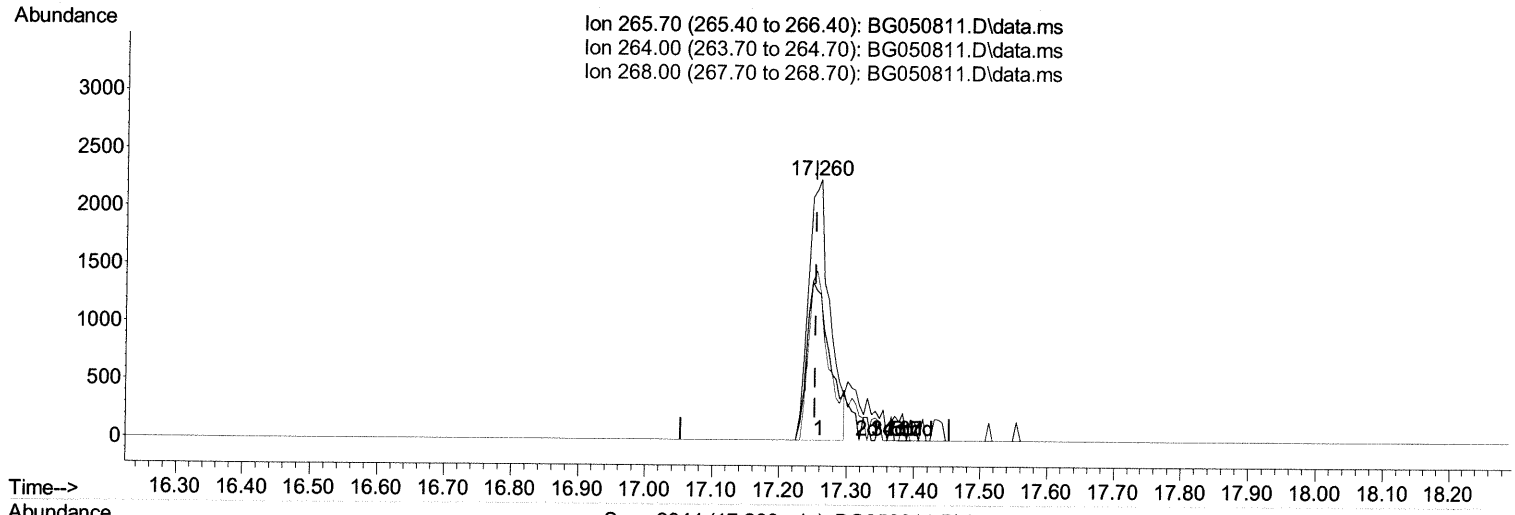

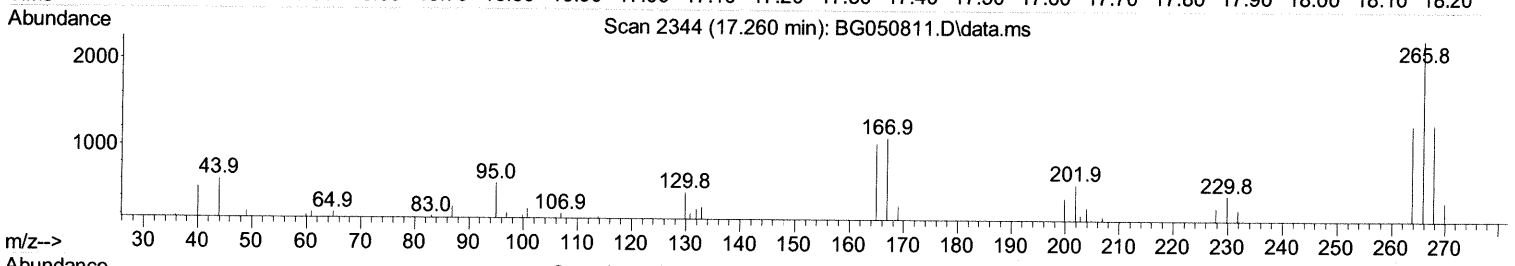

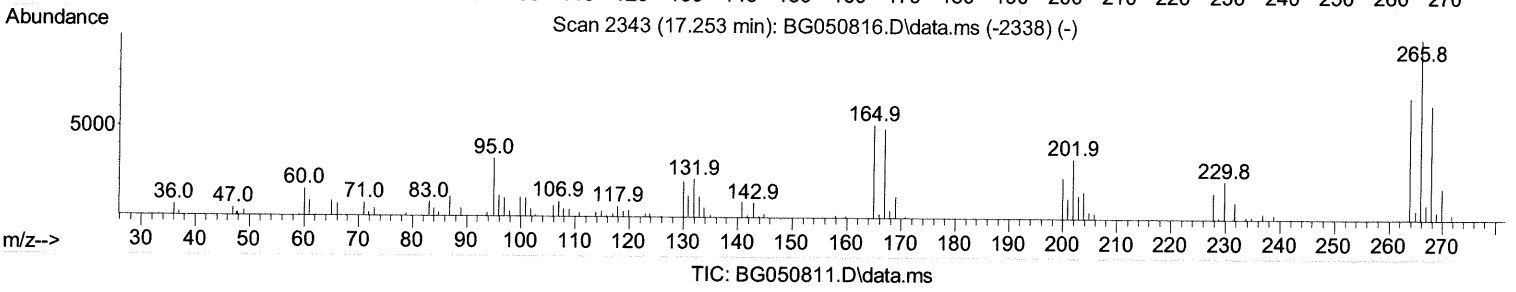

TIC: BG050811.D\data.ms

(71) Pentachlorophenol (C)

17.260min (+ 0.007) 4.79 ng/ul

response 4915

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	56.13
268.00	63.80	56.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
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Sample : SSTD01013
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
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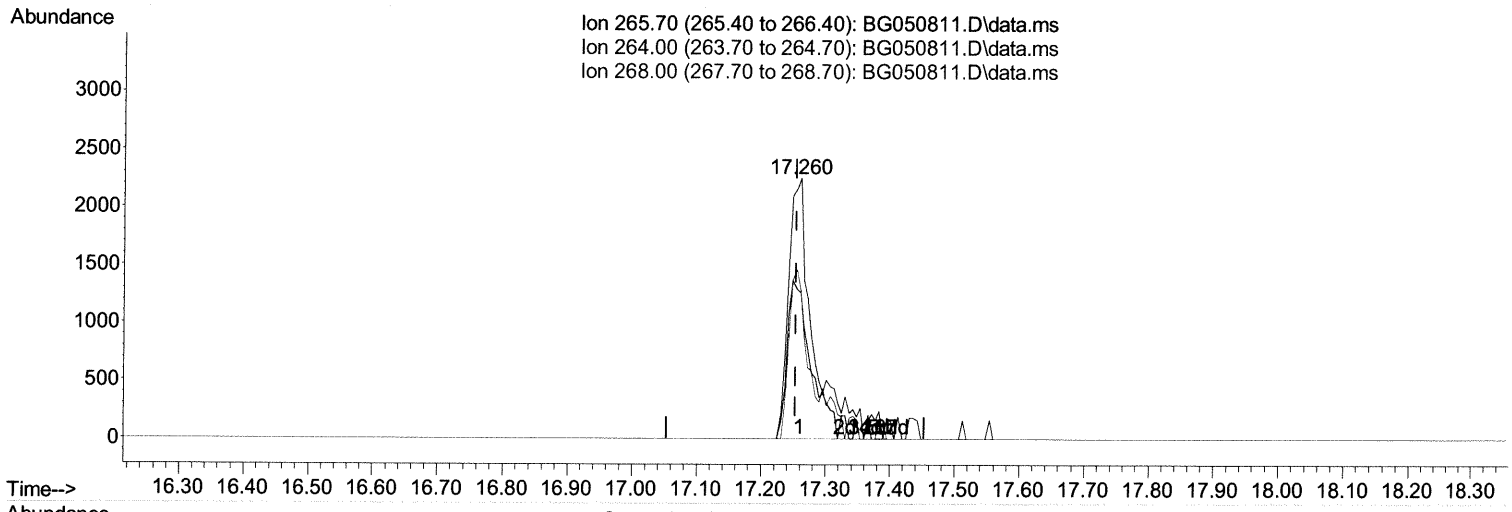

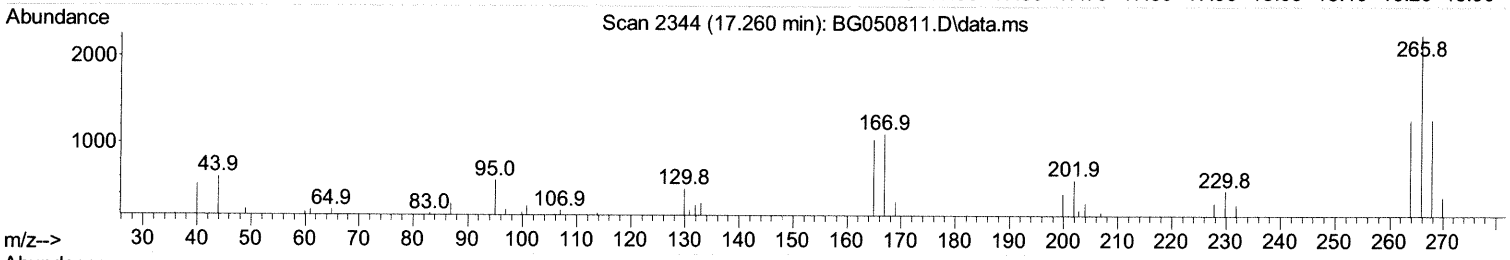

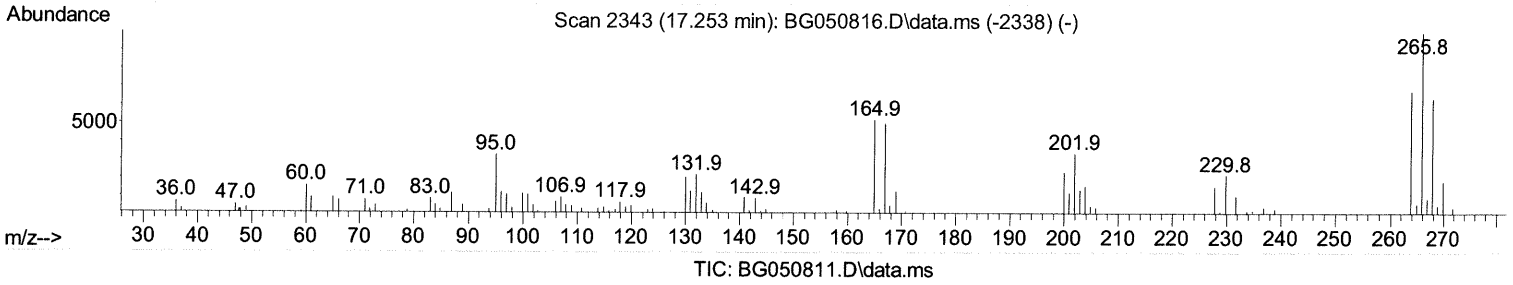

TIC: BG050811.D\data.ms

(71) Pentachlorophenol (C)

17.260min (+ 0.007) 5.89 ng/ul m 11/04/21 JU

response 6047

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	56.13
268.00	63.80	56.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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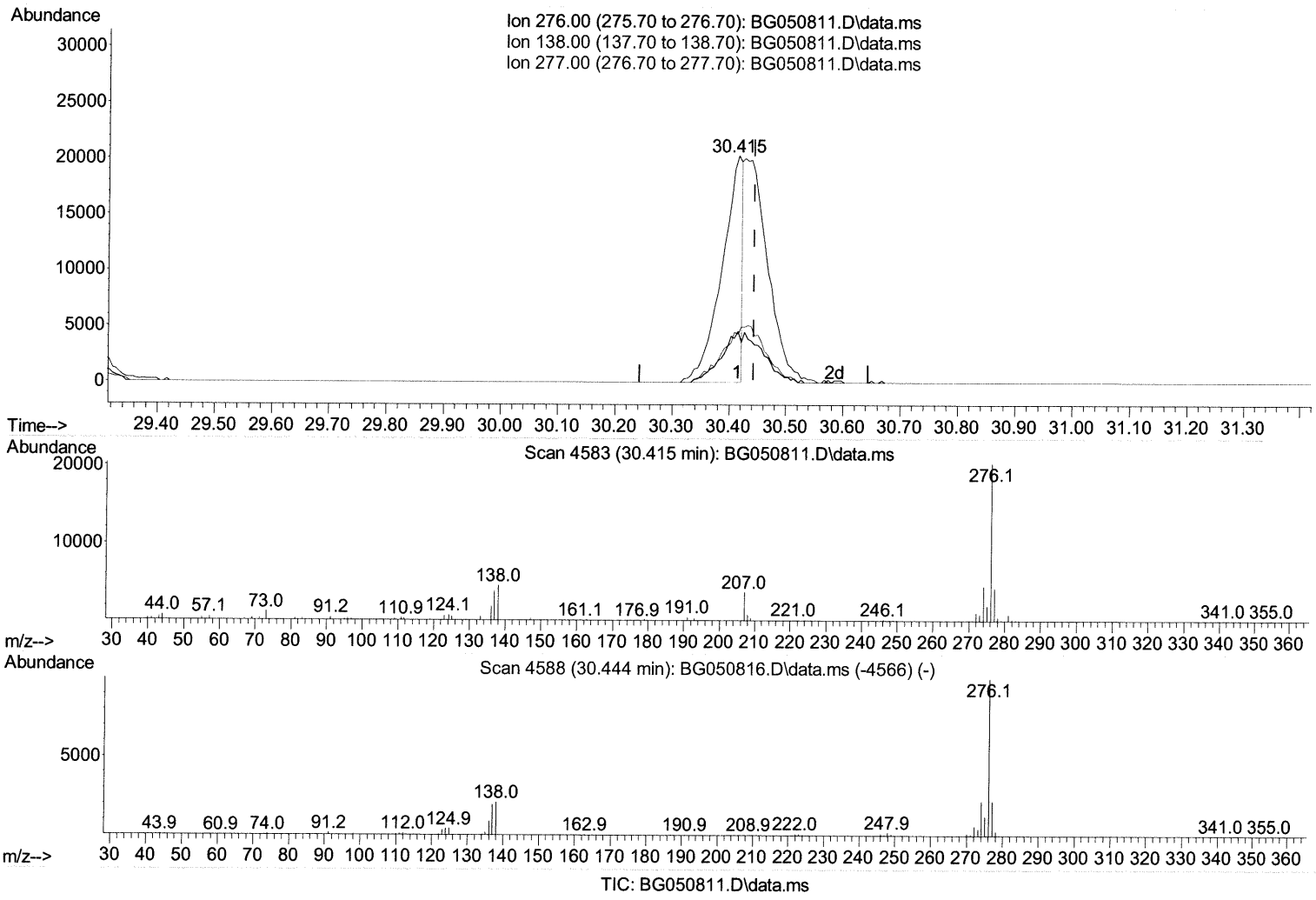

TIC: BG050811.D\data.ms

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

30.415min (-0.029) 4.46 ng/ul

response 50892

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	22.50
277.00	22.00	21.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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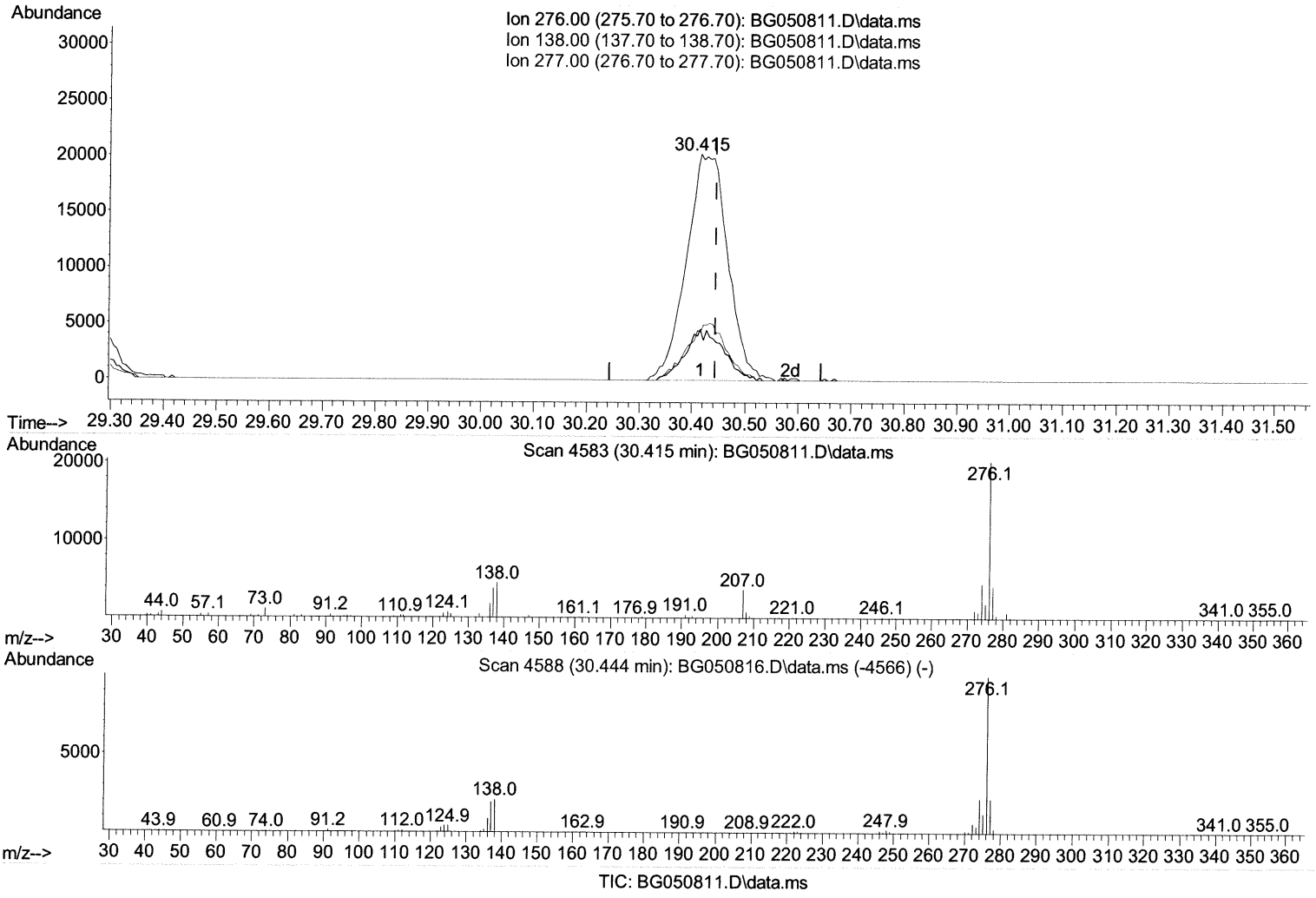

TIC: BG050811.D\data.ms

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

30.415min (-0.029) 9.54 ng/ul m W/04/21JU

response 108795

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	22.50
277.00	22.00	21.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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SSTD010413

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	31866	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	144392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	98818	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.601	188	218516	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	184732	20.000	ng/ul	-0.01
88) Perylene-d12	25.297	264	180519	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.593	96	4084	4.136	ng/uL	0.00
4) Pyridine-d5	4.017	84	27660	9.362	ng/ul	0.00
7) Phenol-d5	7.377	99	31703	9.326	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	21481	9.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.759	132	22800	9.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.934	113	24989	9.337	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	12175	9.922	ng/ul	0.00
24) 2-Nitrophenol-d4	10.133	143	12724	9.326	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	22933	9.978	ng/ul	0.00
31) 4-Chloroaniline-d4	11.190	131	34610	9.944	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	75816	10.028	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	95539	10.143	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	11820	8.623	ng/ul	0.00
60) Fluorene-d10	15.844	176	67764	10.118	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	11205	8.458	ng/ul	0.00
73) Anthracene-d10	17.700	188	106522	10.311	ng/ul	0.00
81) Pyrene-d10	19.974	212	121440	10.178	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.062	264	95132	9.533	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	4322	3.986	ng/uL	86
5) Pyridine	4.040	79	29879	9.737	ng/ul	96
6) Benzaldehyde	7.366	77	25634	11.955	ng/ul	94
8) Phenol	7.401	94	34683	9.862	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.642	93	25861	9.825	ng/ul	93
12) 2-Chlorophenol	7.794	128	23296	9.739	ng/ul	98
13) 2-Methylphenol	8.670	108	24136	9.286	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.758	45	41735	10.066	ng/ul	97
16) Acetophenone	9.058	105	41368	9.950	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.034	70	25049	9.986	ng/ul	99
18) 4-Methylphenol	8.993	108	26406	9.541	ng/ul	92
19) Hexachloroethane	9.328	117	9450	9.449	ng/ul	93
22) Nitrobenzene	9.445	77	34593	10.108	ng/ul	98
23) Isophorone	9.962	82	66210	9.969	ng/ul	98
25) 2-Nitrophenol	10.162	139	12996	9.494	ng/ul#	88
26) 2,4-Dimethylphenol	10.209	107	30622	10.165	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.444	93	36579	10.221	ng/ul	97
29) 2,4-Dichlorophenol	10.703	162	21820	9.733	ng/ul	96
30) Naphthalene	11.108	128	79867	10.115	ng/ul	97
32) 4-Chloroaniline	11.214	127	34324	9.932	ng/ul	98
33) Hexachlorobutadiene	11.384	225	15205	10.334	ng/ul	97
34) Caprolactam	11.978	113	8684m	9.119	ng/ul	95
35) 4-Chloro-3-methylphenol	12.319	107	28268	9.871	ng/ul	95

11/02/21 21 JU

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.700	142	54377	10.109 ng/ul	98
37) 1-Methylnaphthalene	12.918	142	55929	10.261 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.059	216	29959	10.405 ng/ul	96
40) Hexachlorocyclopentadiene	13.029	237	9828	7.108 ng/ul	94
41) 2,4,6-Trichlorophenol	13.294	196	17926	9.514 ng/ul	96
42) 2,4,5-Trichlorophenol	13.370	196	19657	9.718 ng/ul	97
43) 1,1'-Biphenyl	13.688	154	75310	10.427 ng/ul	98
44) 2-Chloronaphthalene	13.740	162	58178	10.278 ng/ul	99
45) 2-Nitroaniline	13.940	65	21824	9.705 ng/ul	96
47) Dimethylphthalate	14.293	163	76367	10.102 ng/ul	98
48) 2,6-Dinitrotoluene	14.422	165	15137	9.567 ng/ul	93
50) Acenaphthylene	14.581	152	96857	10.260 ng/ul	99
51) 3-Nitroaniline	14.757	138	16799	10.266 ng/ul	94
52) Acenaphthene	14.921	153	63459	10.223 ng/ul	97
53) 2,4-Dinitrophenol	14.968	184	5637	6.458 ng/ul	91
55) 4-Nitrophenol	15.057	109	10972	8.728 ng/ul	97
56) Dibenzofuran	15.250	168	92960	10.463 ng/ul	98
57) 2,4-Dinitrotoluene	15.209	165	22332	9.890 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.474	232	15174	9.546 ng/ul	98
59) Diethylphthalate	15.650	149	81955	10.128 ng/ul	100
61) Fluorene	15.903	166	71179	10.121 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.885	204	37819	10.327 ng/ul	94
63) 4-Nitroaniline	15.914	138	17215	10.604 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.973	198	11211	8.678 ng/ul#	93
67) N-Nitrosodiphenylamine	16.096	169	64367	10.538 ng/ul	96
68) 4-Bromophenyl-phenylether	16.778	248	21936	10.092 ng/ul	97
69) Hexachlorobenzene	16.901	284	22841	10.222 ng/ul	97
70) Atrazine	17.037	200	27263	10.526 ng/ul	99
71) Pentachlorophenol	17.260	266	6047m	5.894 ng/ul	11/04/21 JU
72) Phenanthrene	17.642	178	121202	10.391 ng/ul	99
74) Anthracene	17.736	178	124400	10.629 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.658	216	30866	10.374 ng/uL	97
76) Pentachlorobenzene	15.168	250	28171	10.219 ng/uL	100
77) Carbazole	18.000	167	111306	10.611 ng/ul	98
78) Di-n-butylphthalate	18.535	149	141865	10.292 ng/ul	99
80) Fluoranthene	19.645	202	145818	10.183 ng/ul	98
82) Pyrene	20.004	202	144967	10.361 ng/ul	99
83) Butylbenzylphthalate	20.867	149	59439	9.879 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.784	252	46884	10.421 ng/ul	98
85) Benzo(a)anthracene	21.878	228	130009	10.166 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.749	149	84417	9.775 ng/ul	98
87) Chrysene	21.948	228	123928	10.144 ng/ul	98
89) Di-n-octyl phthalate	23.018	149	145678	9.912 ng/ul	100
90) Benzo(b)fluoranthene	24.211	252	123647	9.615 ng/ul	99
91) Benzo(k)fluoranthene	24.281	252	117388	9.728 ng/ul	99
93) Benzo(a)pyrene	25.133	252	118961	9.712 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.205	276	129794	9.510 ng/ul	93
95) Dibenzo(a,h)anthracene	29.269	278	109750	9.507 ng/ul	96
96) Benzo(g,h,i)perylene	30.415	276	108795m	9.543 ng/ul	11/04/21 JU

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