

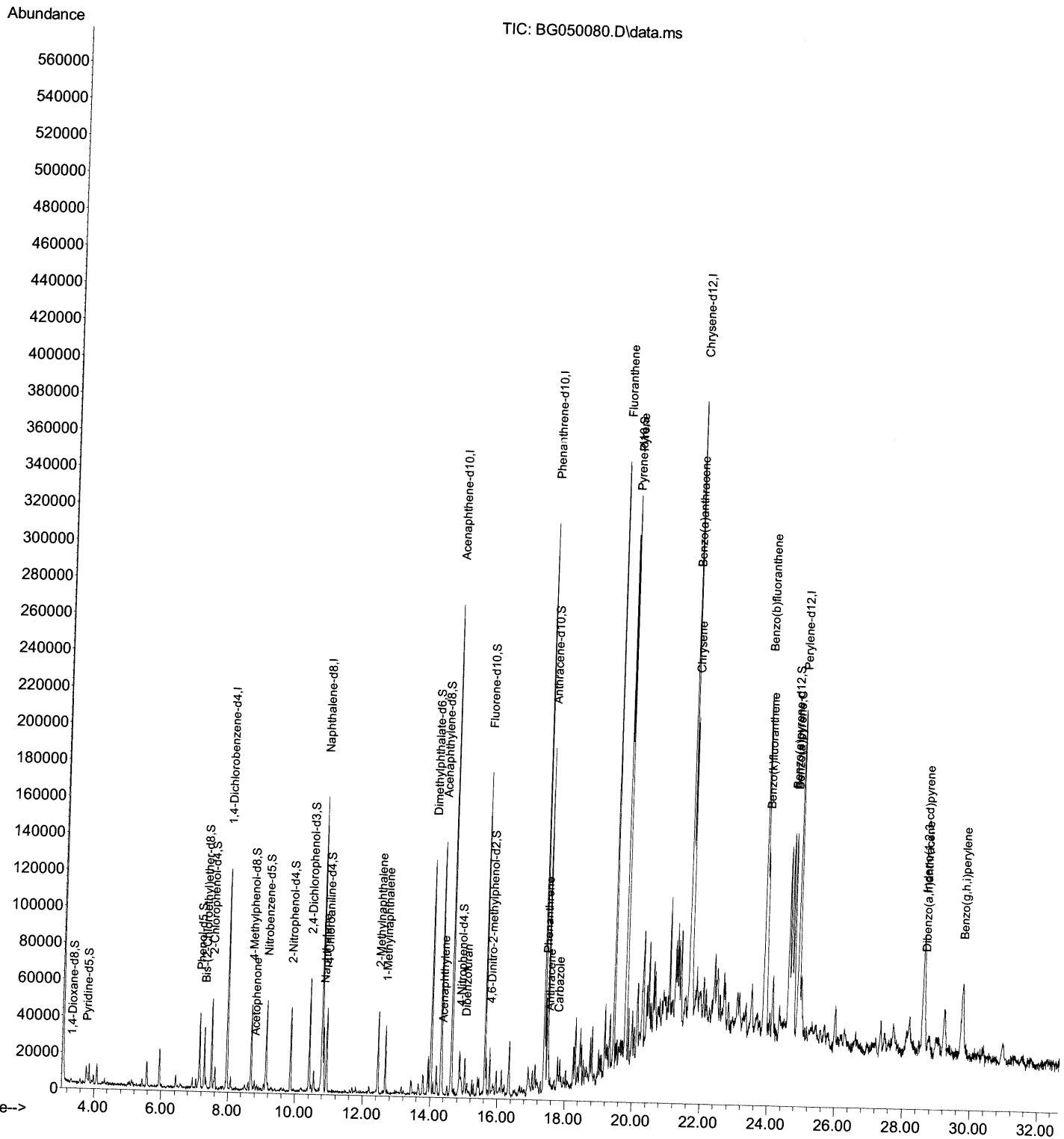
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050080.D
Acq On : 1 Sep 2021 2:02
Operator : CG/JU
Sample : M3486-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AY8

Manual Integrations
APPROVED

mohammad
9/1/2021 4:50:26 PM

Quant Time: Sep 01 04:47:30 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



Page: 1

Quantitation Report (Qedit)

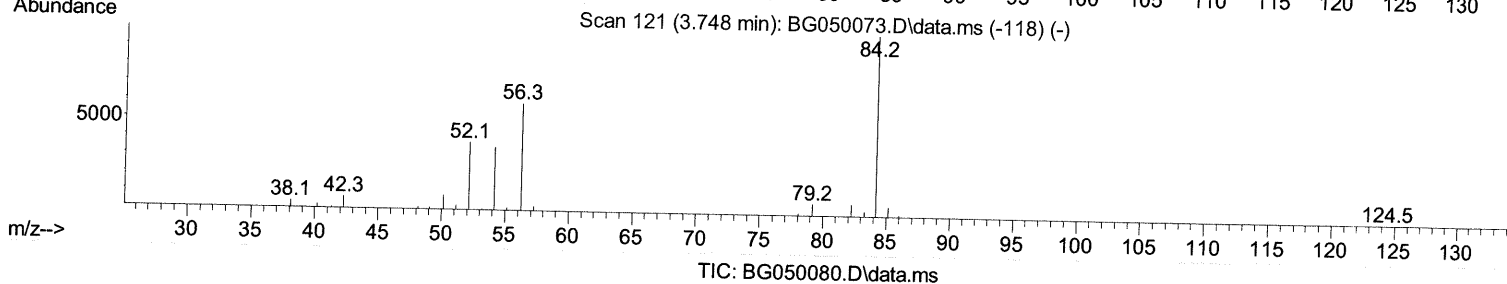
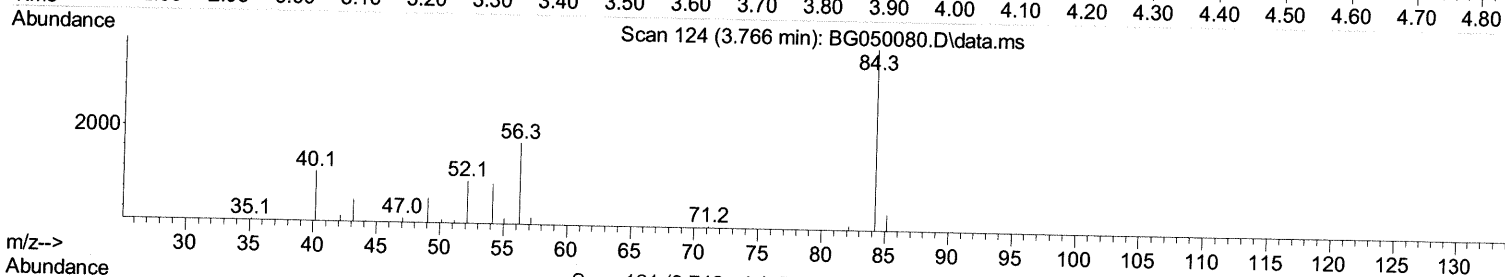
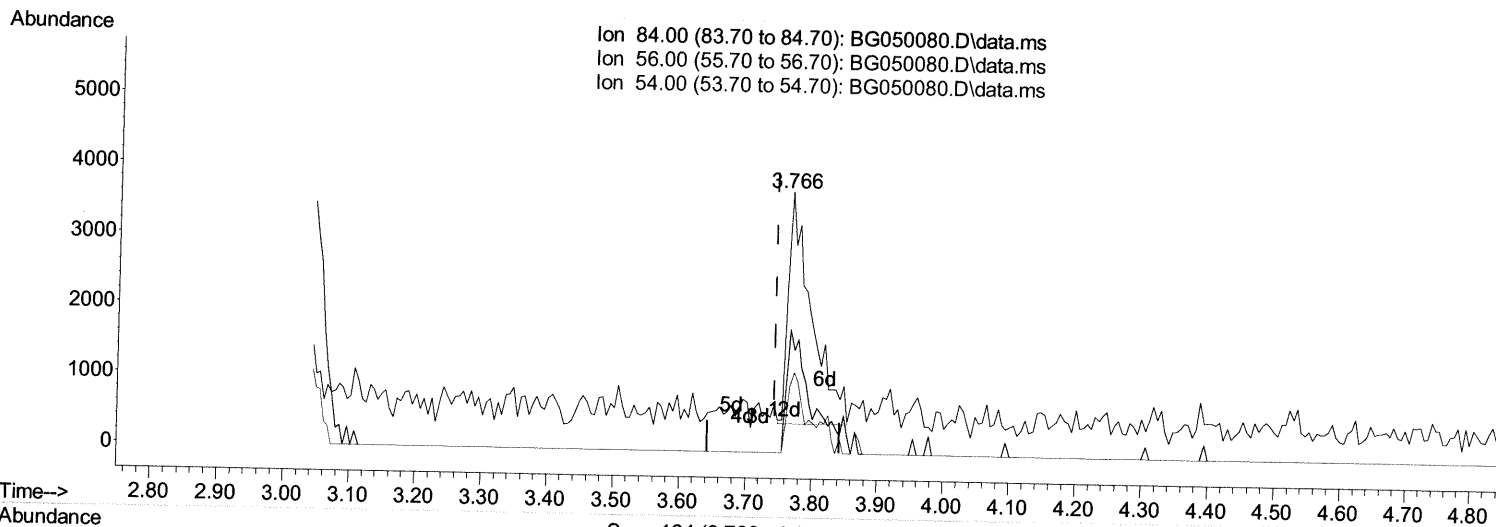
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(4) Pyridine-d5 (S)

3.766min (+ 0.023) 4.14 ng/ul m 09/03/21 JU

response 8084

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	47.28
54.00	37.00	25.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

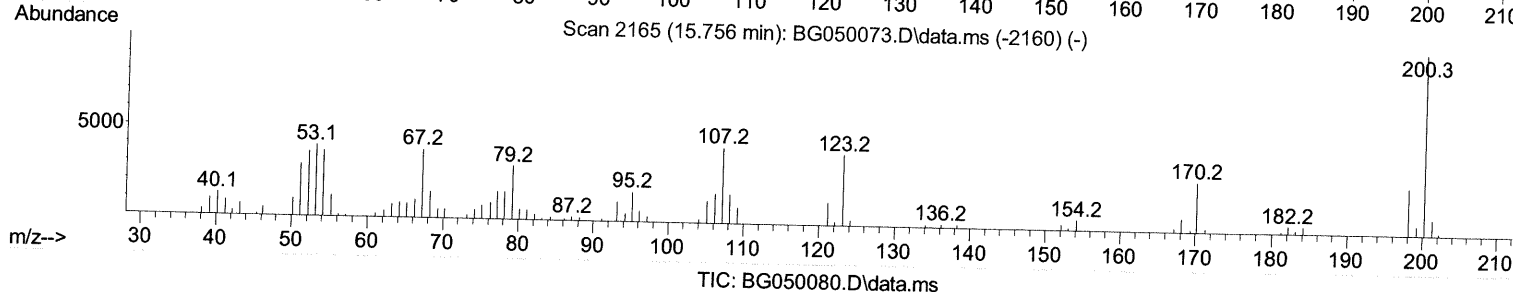
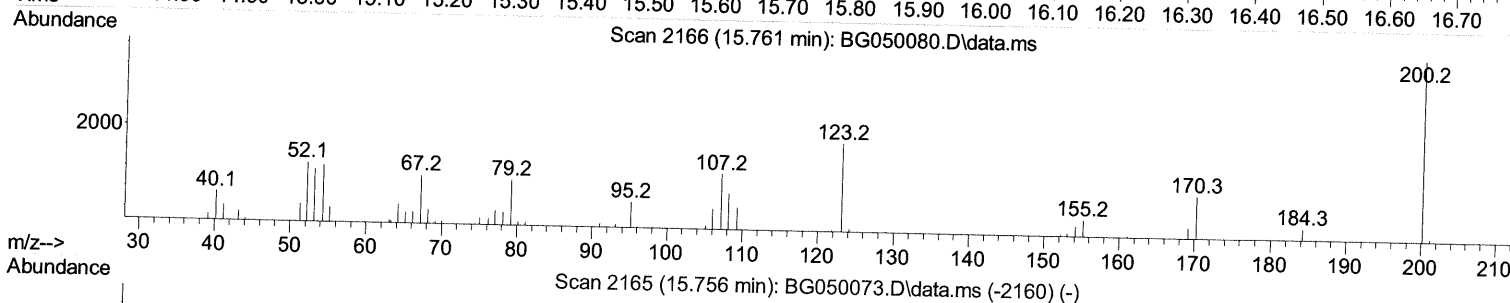
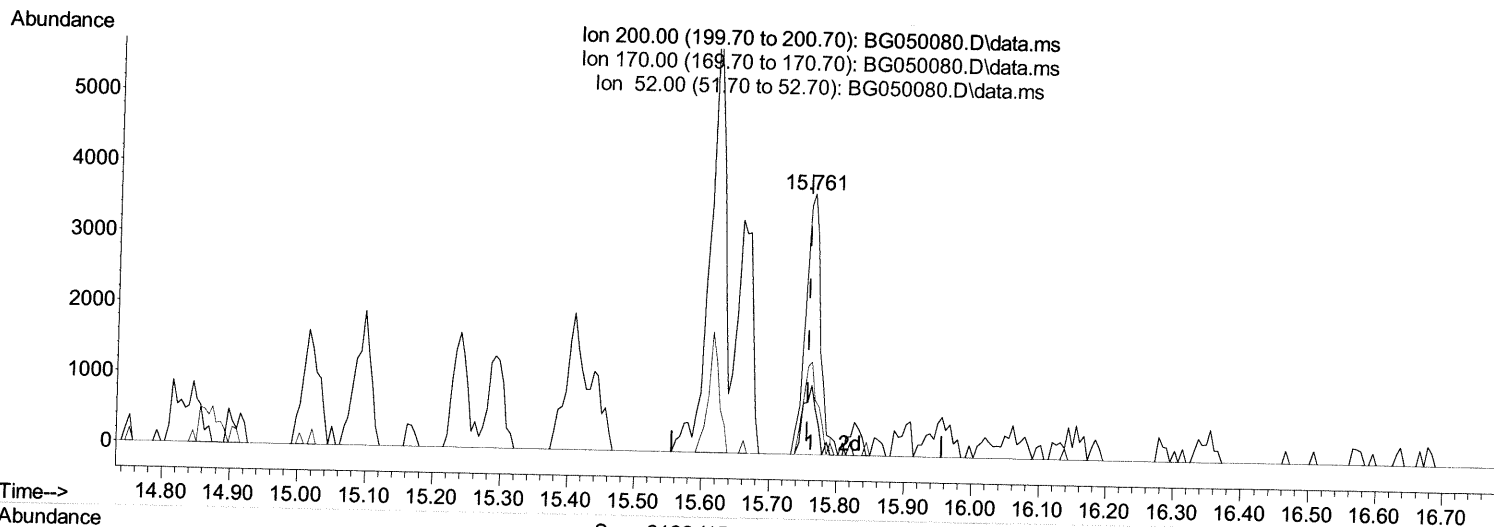
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.761min (+ 0.005) 4.72 ng/ul

response 5701

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	26.59
52.00	45.50	35.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

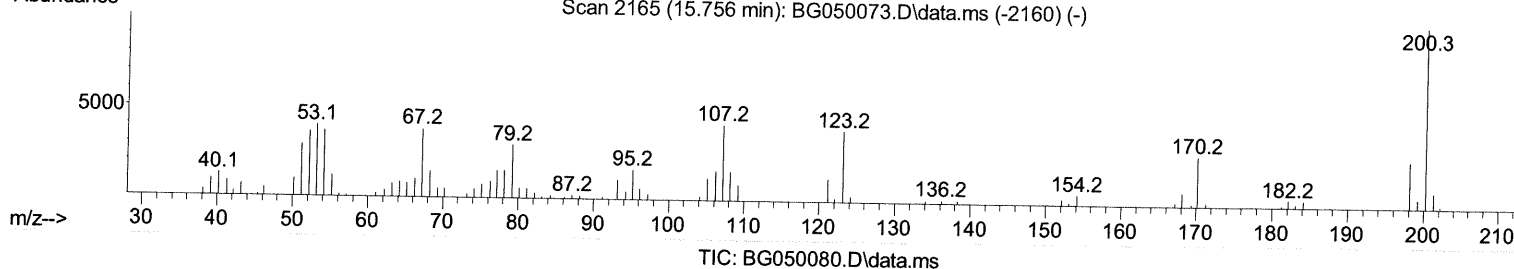
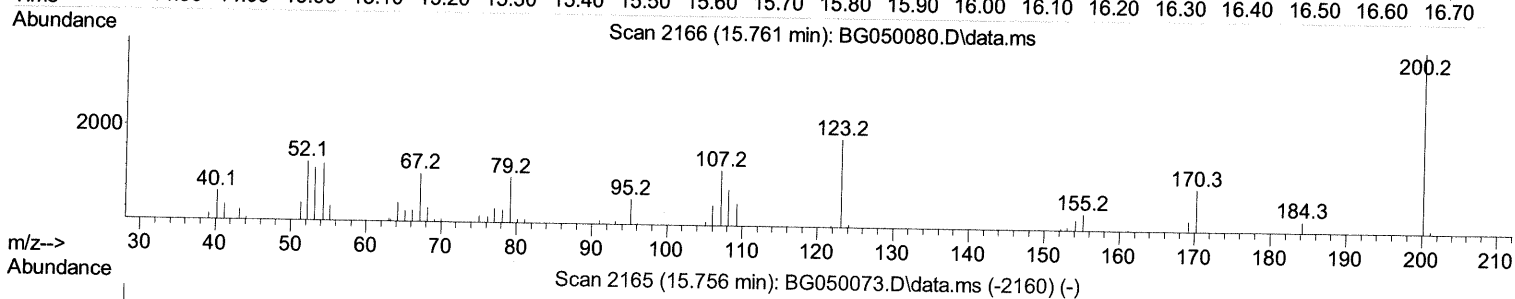
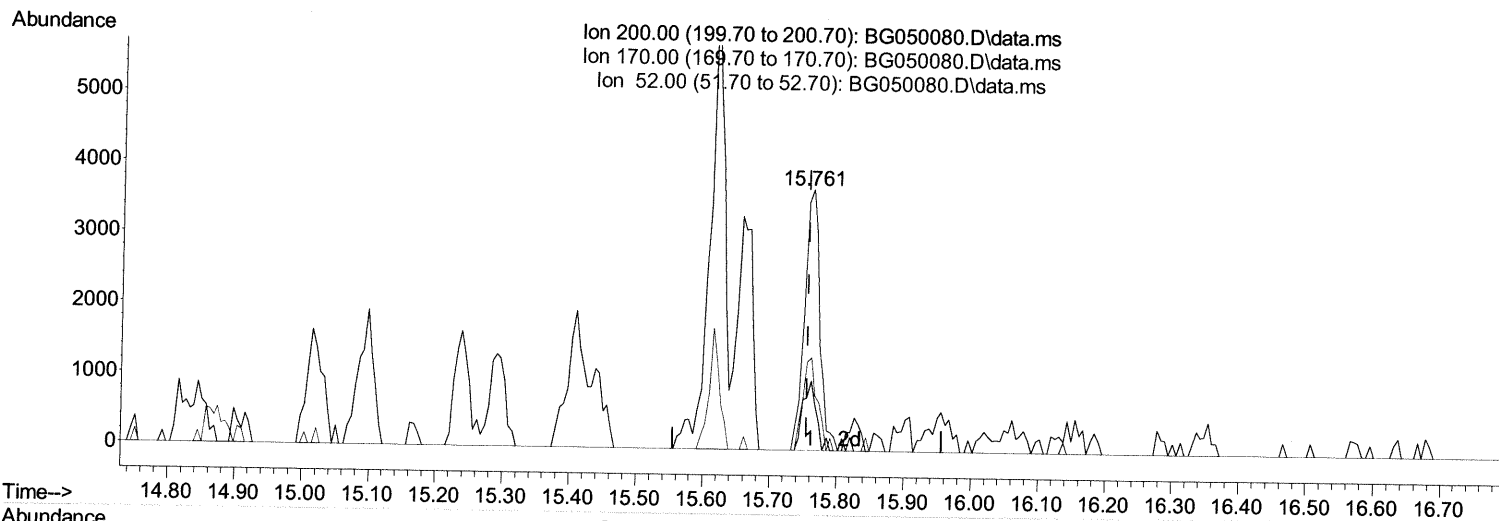
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.761min (+ 0.005) 4.78 ng/ul m *09/03/21 JU*

response 5767

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	26.59
52.00	45.50	35.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

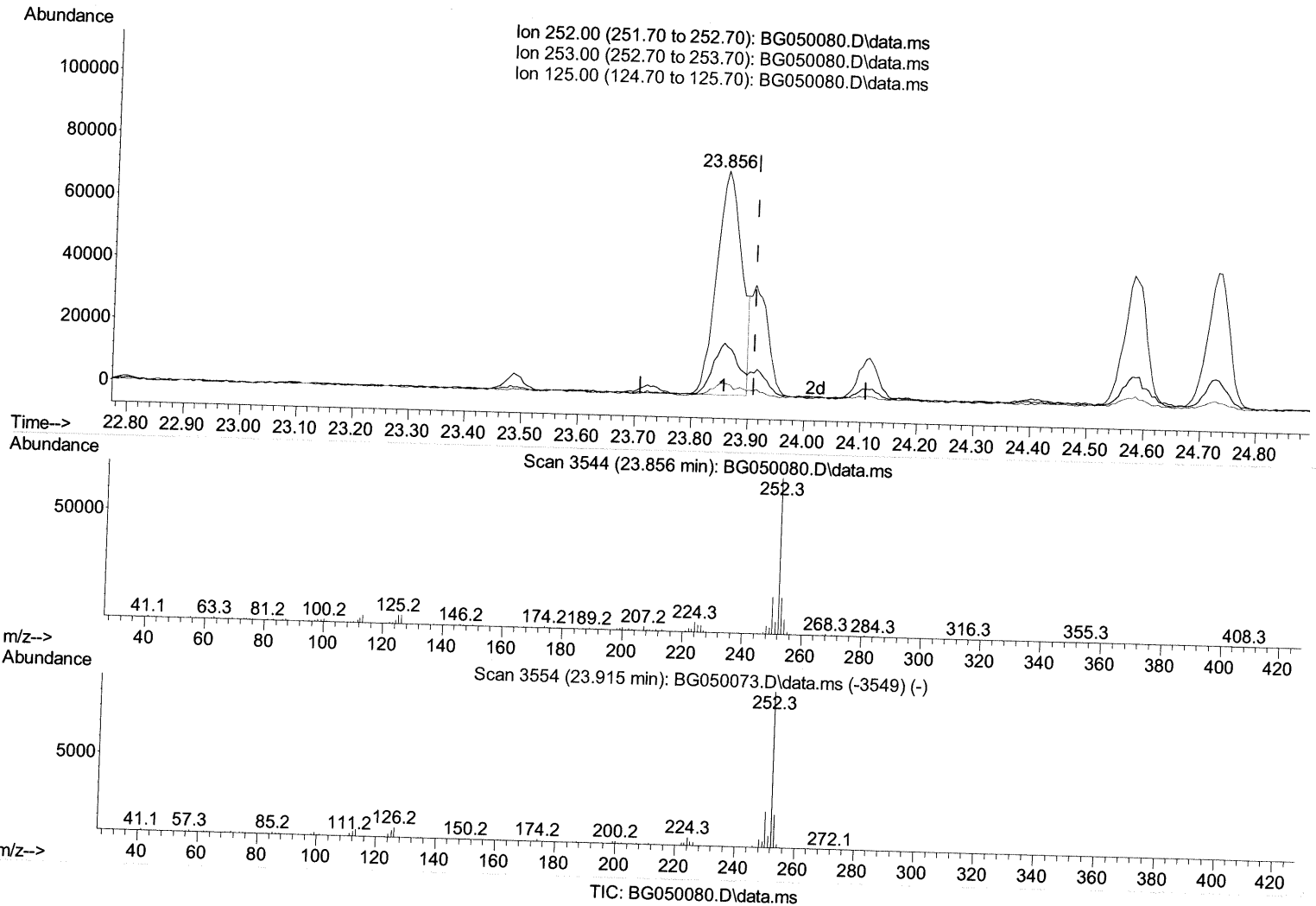
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(91) Benzo(k)fluoranthene

23.856min (-0.053) 20.72 ng/ul

response 222487

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.44
125.00	5.10	5.75
0.00	0.00	0.00

Quantitation Report (Qedit)

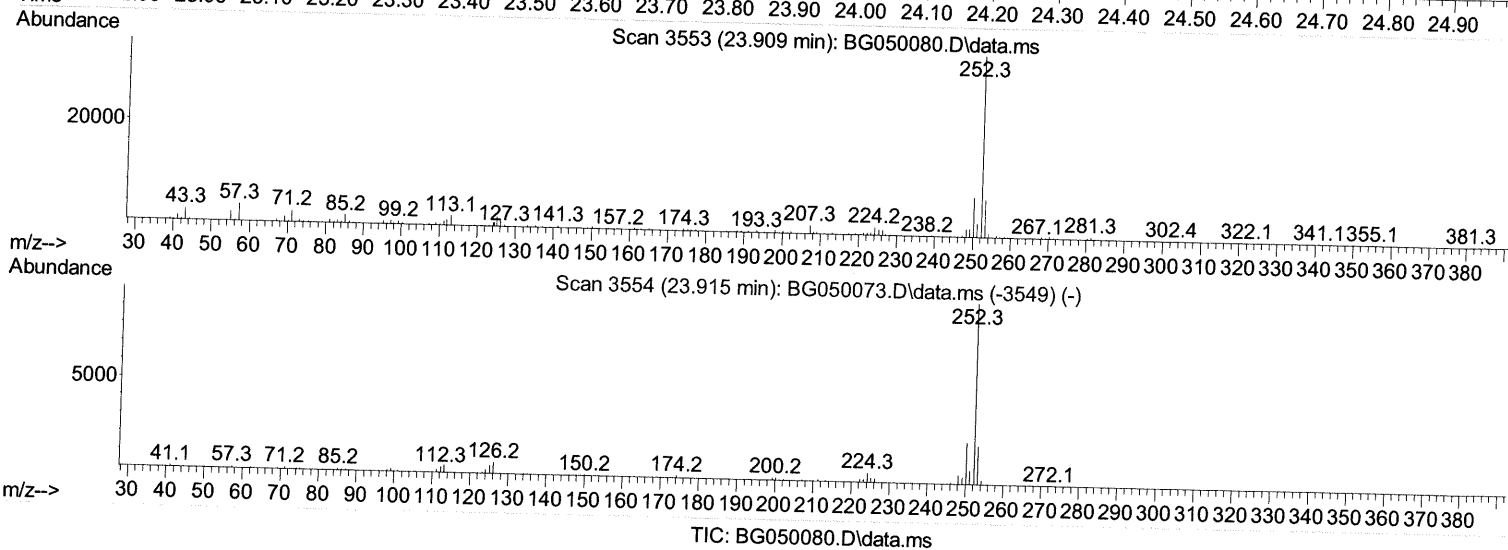
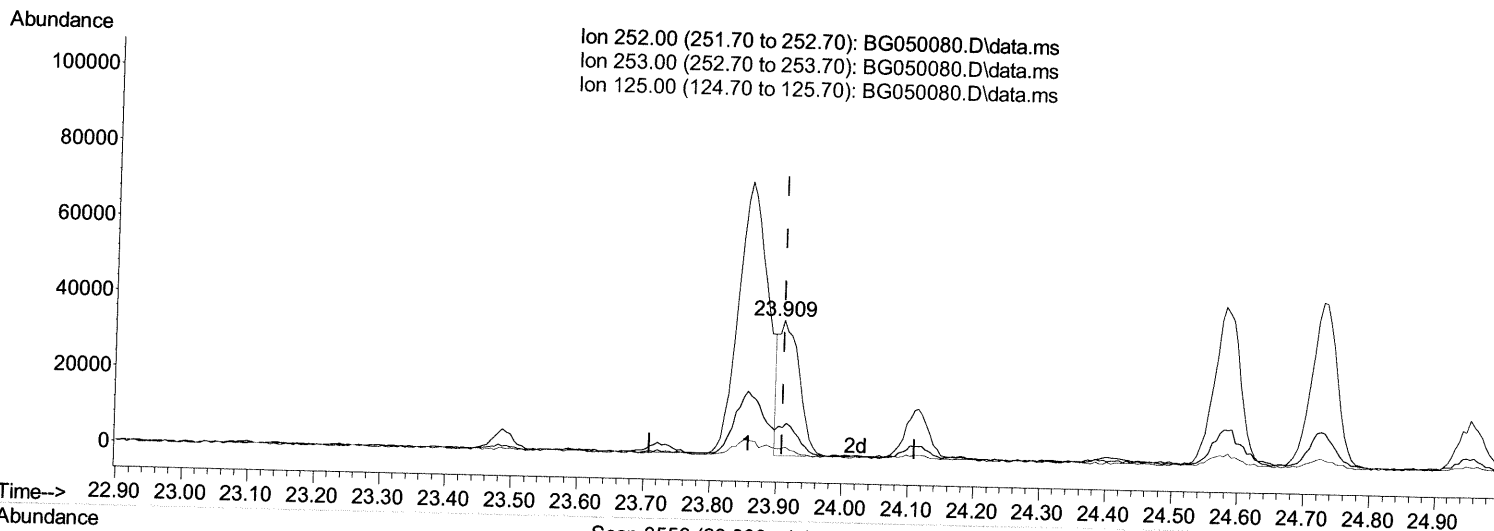
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 Sample : M3486-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(91) Benzo(k) fluoranthene

23.909min (-0.000) 7.04 ng/ul m 09/03/21 JU

response 75607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	20.98
125.00	5.10	5.63
0.00	0.00	0.00

Quantitation Report (Qedit)

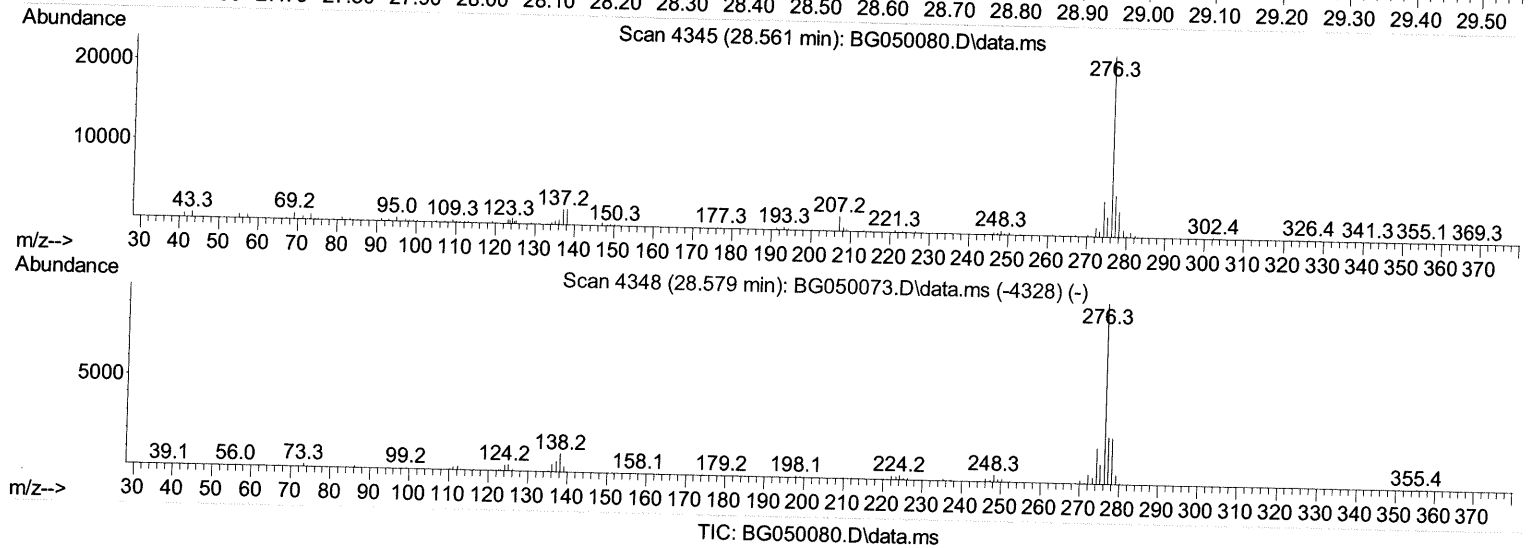
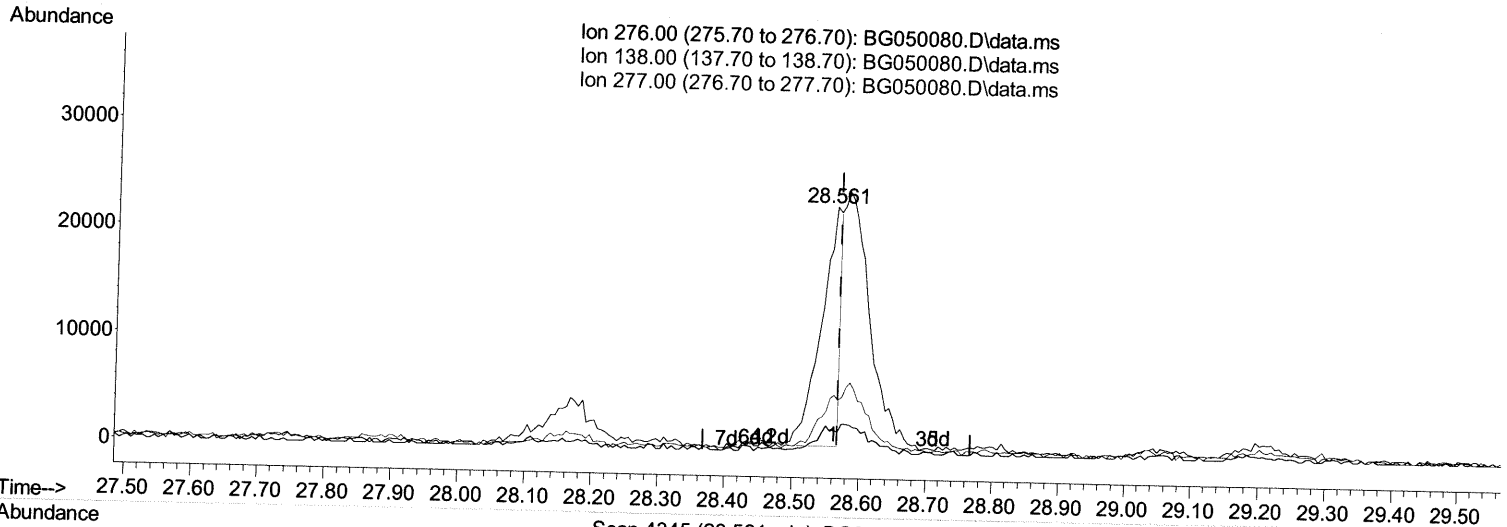
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Data File : BG050080.D
Acq On : 1 Sep 2021 2:02
Operator : CG/JU
Sample : M3486-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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(94) Indeno(1,2,3-cd)pyrene

28.561min (-0.006) 3.47 ng/ul

response 44896

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	9.02#
277.00	23.20	23.12
0.00	0.00	0.00

Quantitation Report (Qedit)

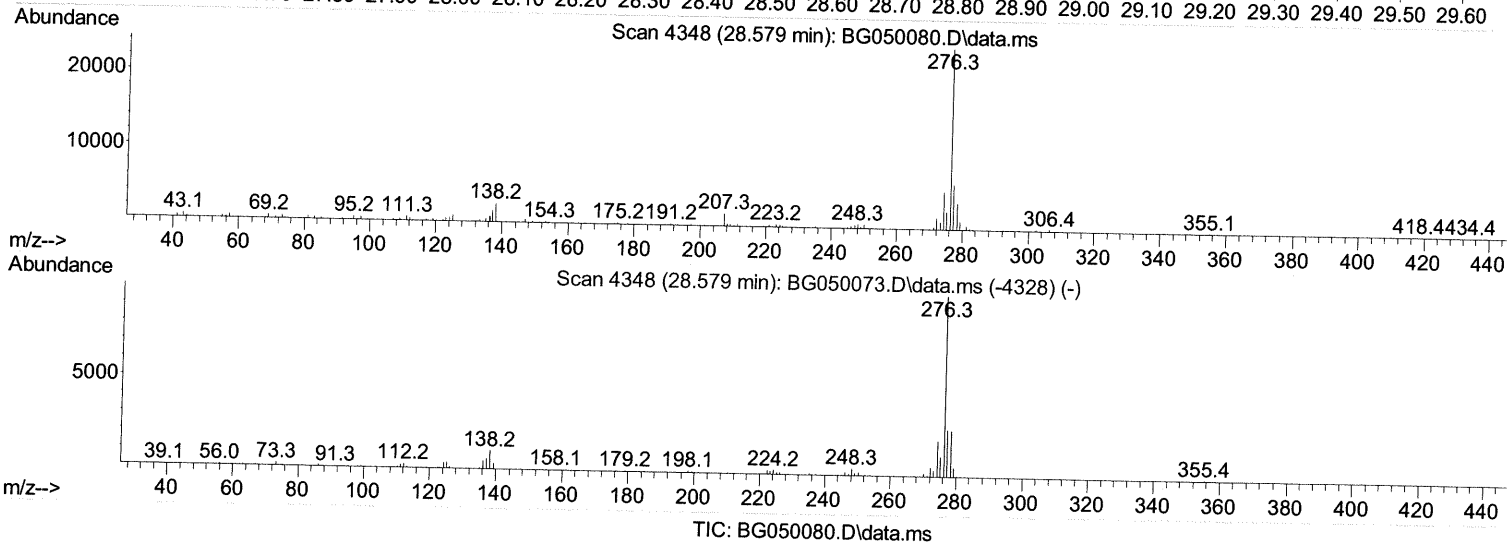
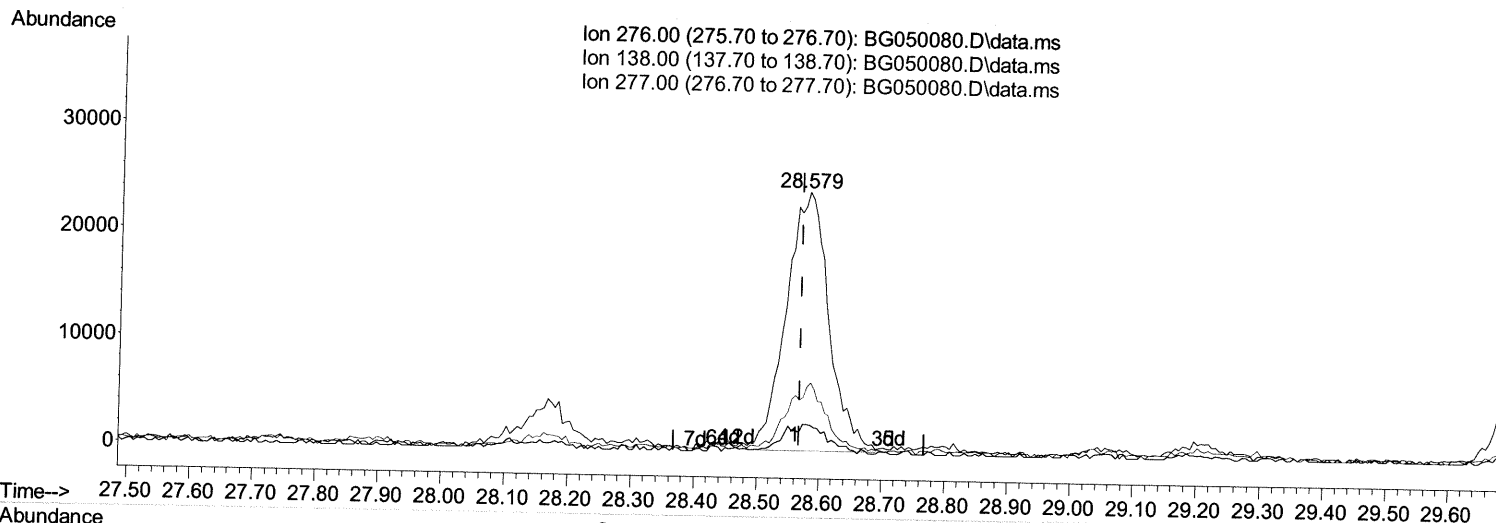
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 Data File : BG050080.D
 Acq On : 1 Sep 2021 2:02
 Operator : CG/JU
 Sample : M3486-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(94) Indeno(1,2,3-cd)pyrene

28.579min (+ 0.011) 8.88 ng/u1 m 09/03/21

response 114929

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.81#
277.00	23.20	25.15
0.00	0.00	0.00

Quantitation Report (Qedit)

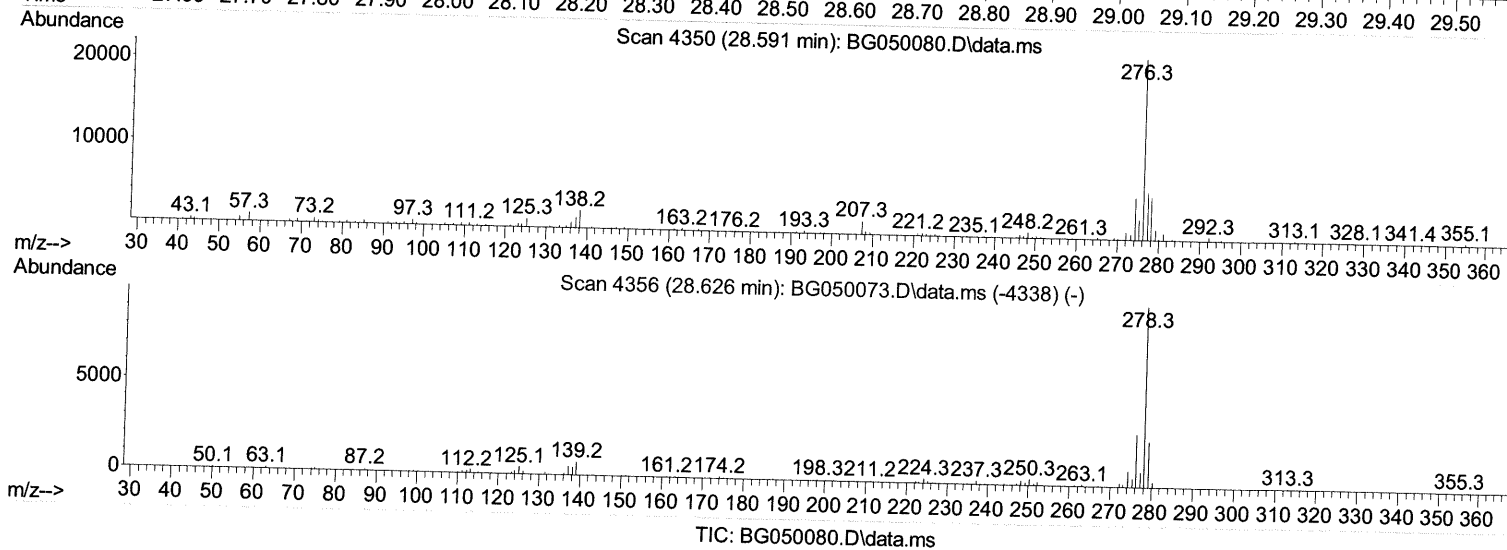
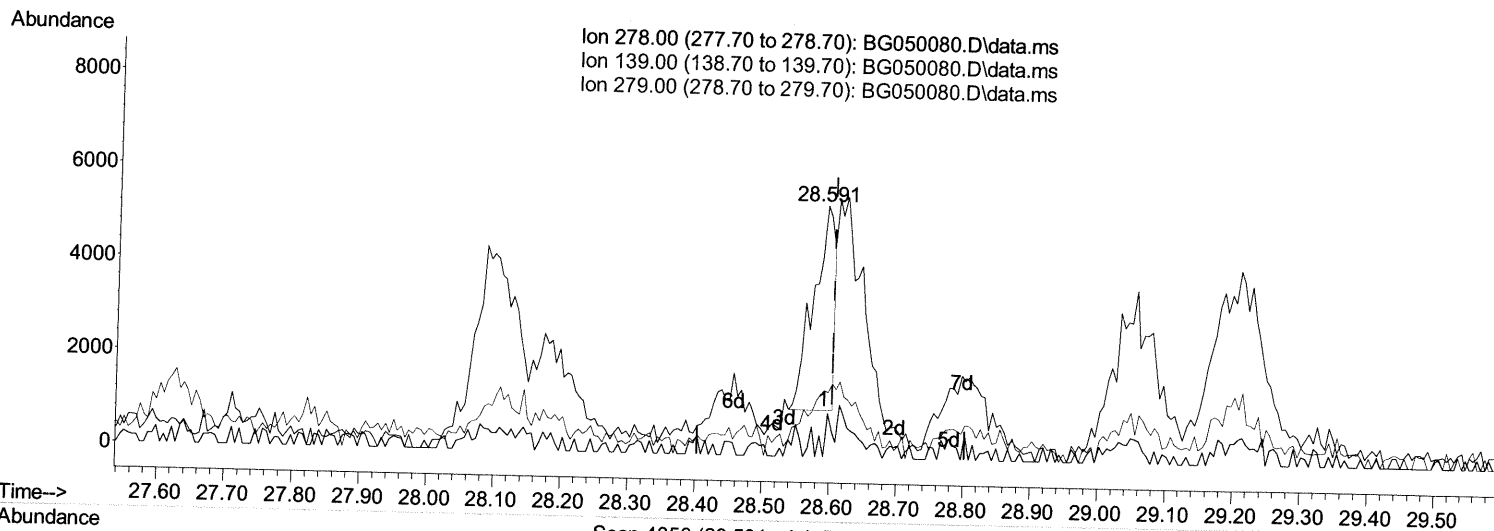
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Misc :
ALS Vial : 54 Sample Multiplier: 1

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Manual Integrations
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(95) Dibenzo(a,h)anthracene

28.591min (-0.012) 0.86 ng/ul

response 9290

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	0.00#
279.00	23.70	26.24
0.00	0.00	0.00

Quantitation Report(Qedit)

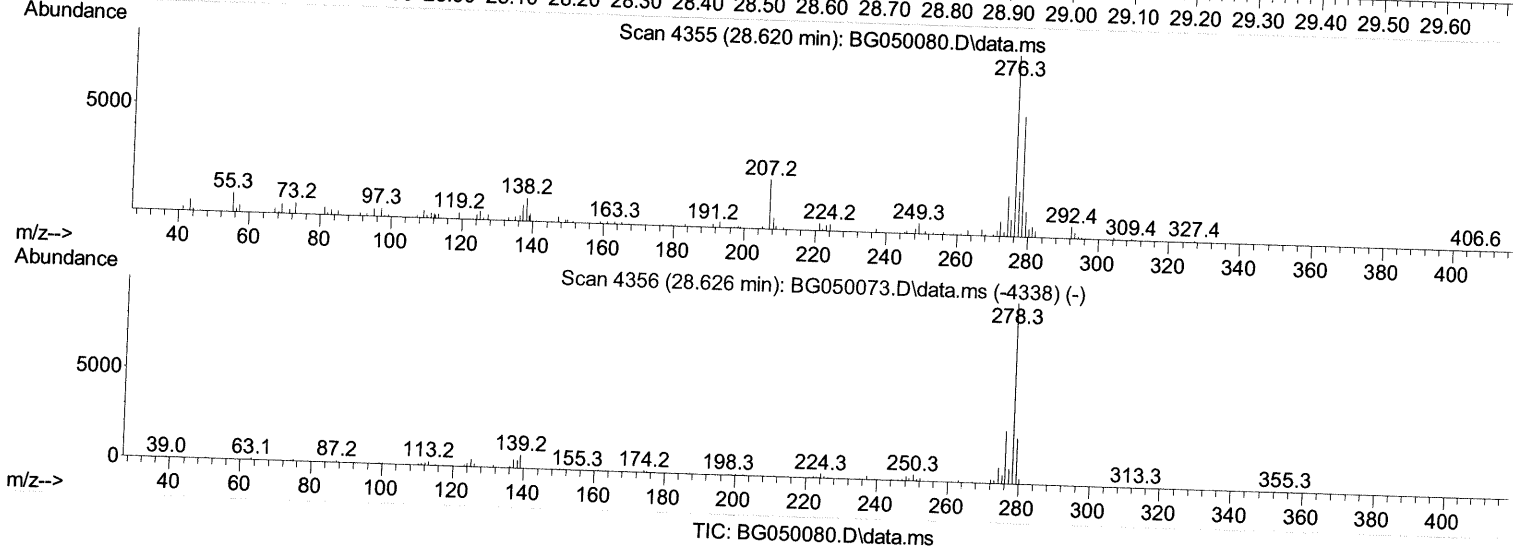
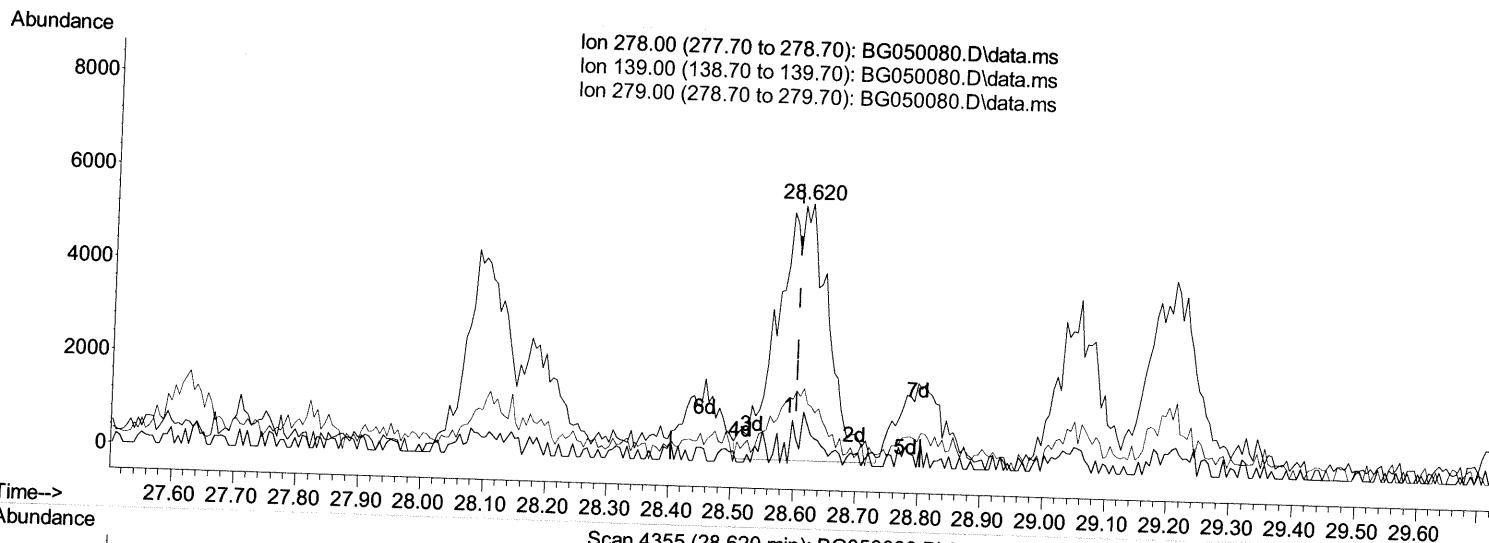
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 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(95) Dibenzo(a,h)anthracene

28.620min (+ 0.017) 2.85 ng/ul m 09/03/21 JU

response 30915

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	8.50#
279.00	23.70	23.09
0.00	0.00	0.00

Quantitation Report(Qedit)

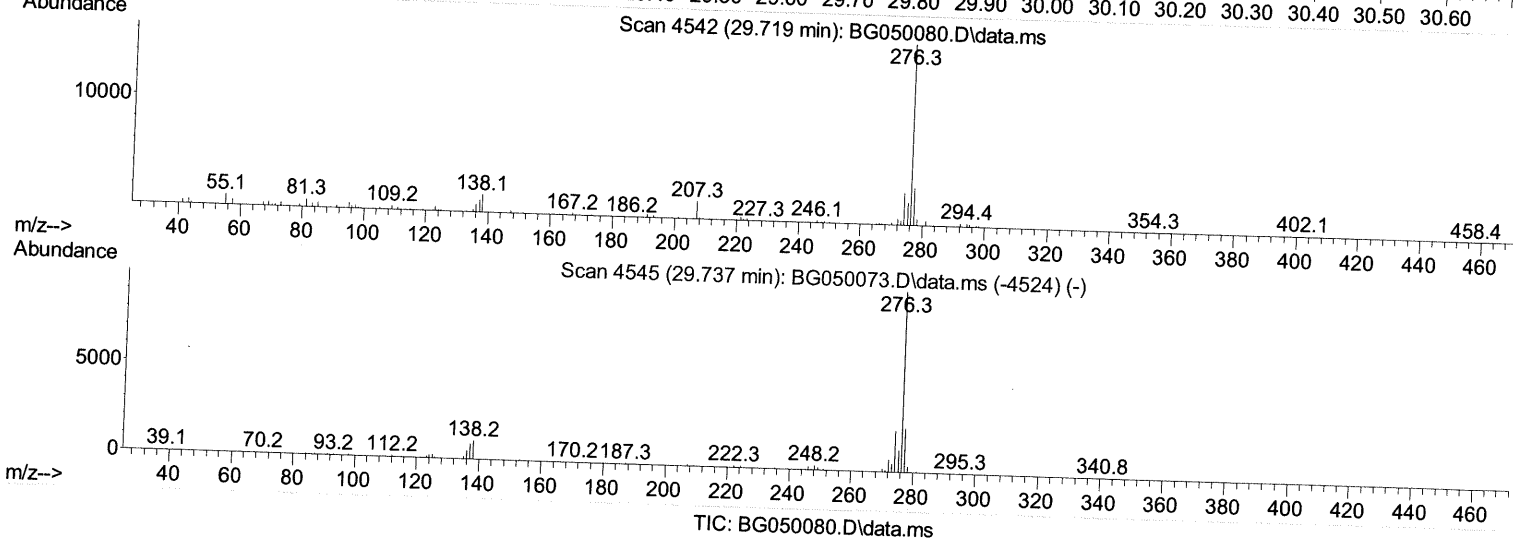
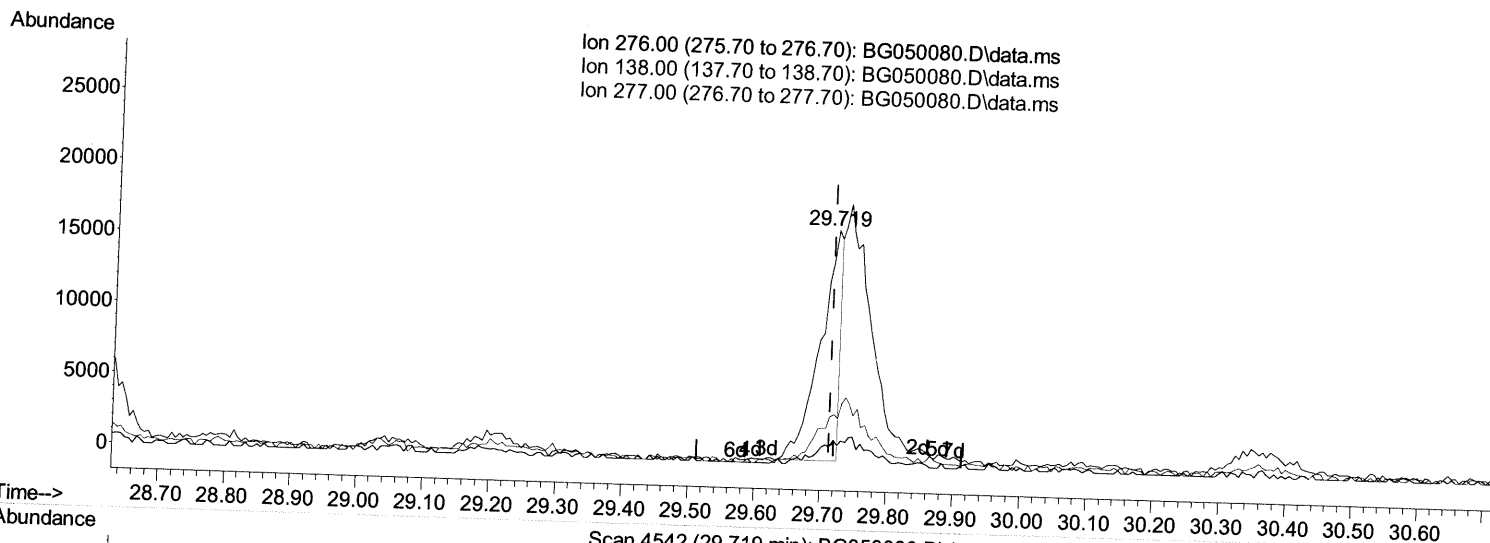
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(96) Benzo(g,h,i)perylene

29.719min (+ 0.005) 3.24 ng/ul

response 35261

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.44
277.00	21.70	21.43
0.00	0.00	0.00

Quantitation Report (Qedit)

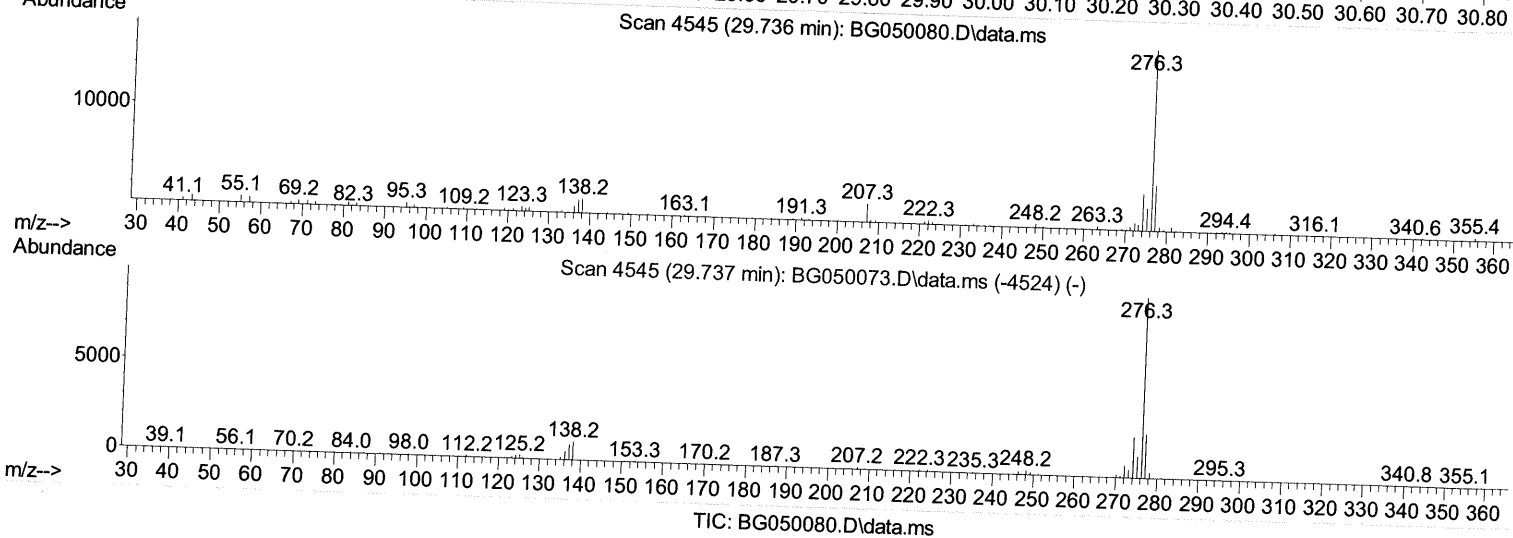
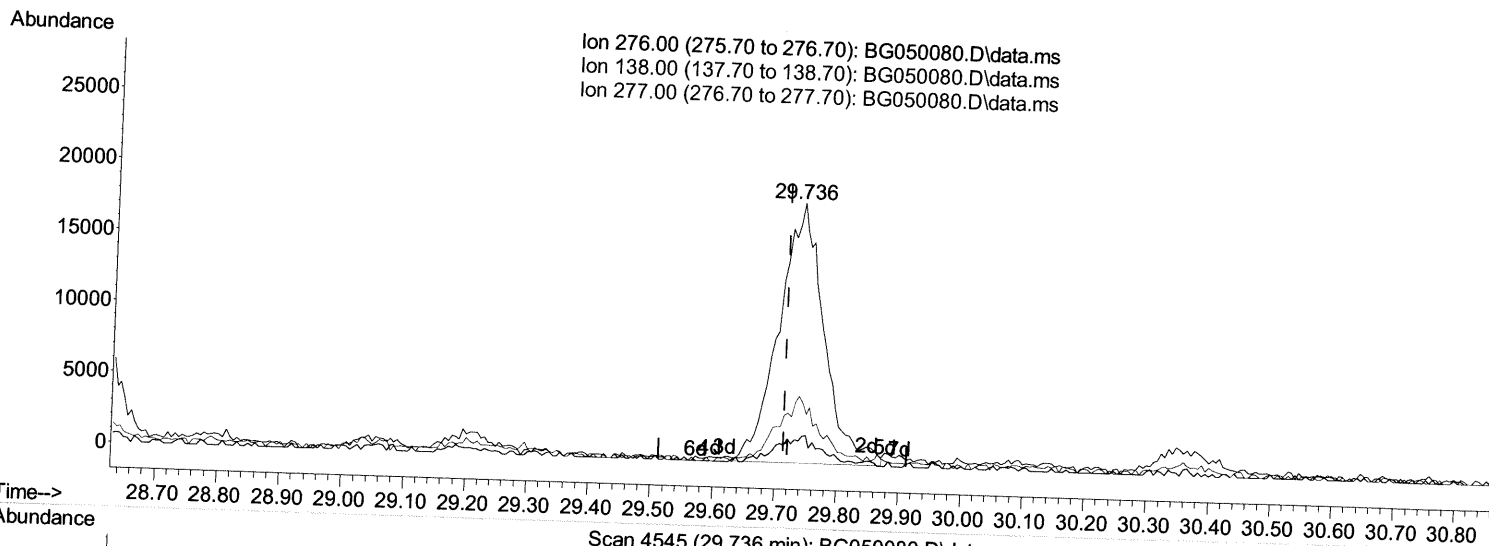
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(96) Benzo(g,h,i)perylene

29.736min (+ 0.023) 8.46 ng/ul m 09/03/21 JU

response 92058

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	8.60#
277.00	21.70	25.73
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	7.960	152	33409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	135201	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	92249	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	187656	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	169462	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	176599	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	964	1.488	ng/uL	0.00
4) Pyridine-d5	3.766	84	8084m	4.142	ng/ul	0.02
7) Phenol-d5	7.132	99	24220	8.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	16735	10.618	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	21840	10.289	ng/ul	0.00
15) 4-Methylphenol-d8	8.682	113	17818	7.975	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	11713	11.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	14127	11.319	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.415	165	23587	10.595	ng/ul	0.01
31) 4-Chloroaniline-d4	10.921	131	23989	7.917	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	81422	11.533	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	98738	11.928	ng/ul	0.00
54) 4-Nitrophenol-d4	14.862	143	7164	7.014	ng/ul	0.02
60) Fluorene-d10	15.614	176	69390	11.592	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	5767m	4.777	ng/ul	0.00
73) Anthracene-d10	17.476	188	107101	12.710	ng/ul	0.00
81) Pyrene-d10	19.767	212	128076	13.986	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	117522	12.544	ng/ul	0.01
Target Compounds						
16) Acetophenone	8.794	105	3764	1.033	ng/ul#	80
30) Naphthalene	10.832	128	27818	4.116	ng/ul#	91
36) 2-Methylnaphthalene	12.442	142	21879	4.355	ng/ul	97
37) 1-Methylnaphthalene	12.659	142	17041	3.361	ng/ul#	89
50) Acenaphthylene	14.351	152	9810	1.297	ng/ul#	89
56) Dibenzofuran	15.027	168	9421	1.240	ng/ul	100
72) Phenanthrene	17.418	178	31407	3.357	ng/ul	98
74) Anthracene	17.512	178	13086	1.380	ng/ul#	87
77) Carbazole	17.782	167	9684	1.148	ng/ul#	93
80) Fluoranthene	19.433	202	206296	18.256	ng/ul#	97
82) Pyrene	19.797	202	192694	17.208	ng/ul	99
85) Benzo(a)anthracene	21.635	228	96251	9.115	ng/ul#	93
87) Chrysene	21.700	228	117185	11.740	ng/ul	95
90) Benzo(b)fluoranthene	23.856	252	222364	19.685	ng/ul#	98
91) Benzo(k)fluoranthene	23.909	252	75607m	7.041	ng/ul	99
93) Benzo(a)pyrene	24.725	252	118187	12.047	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.579	276	114929m	8.881	ng/ul	99
95) Dibenzo(a,h)anthracene	28.620	278	30915m	2.854	ng/ul	99
96) Benzo(g,h,i)perylene	29.736	276	92058m	8.461	ng/ul	99

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