

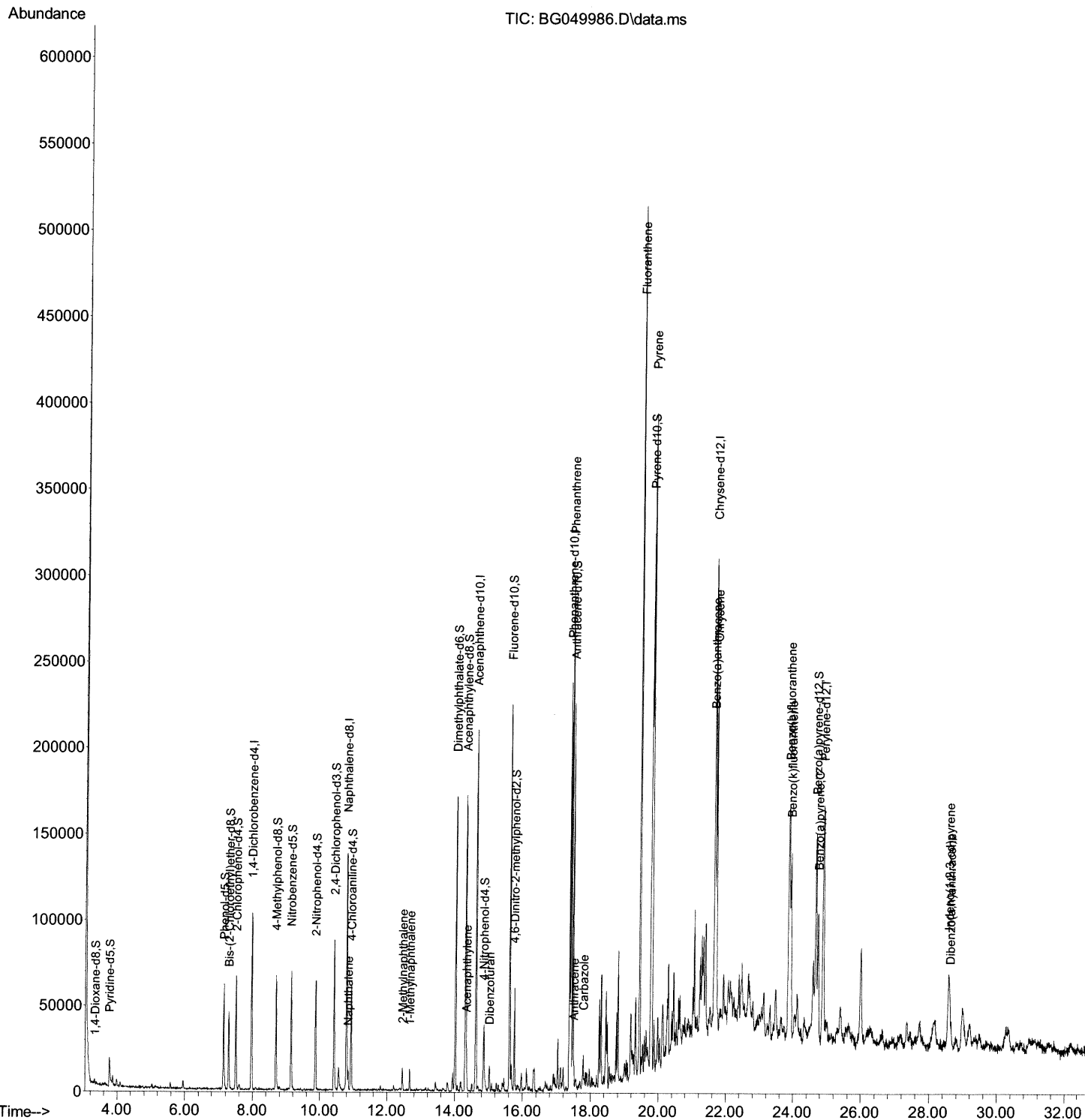
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:37 PM

Quant Time: Aug 27 02:01:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

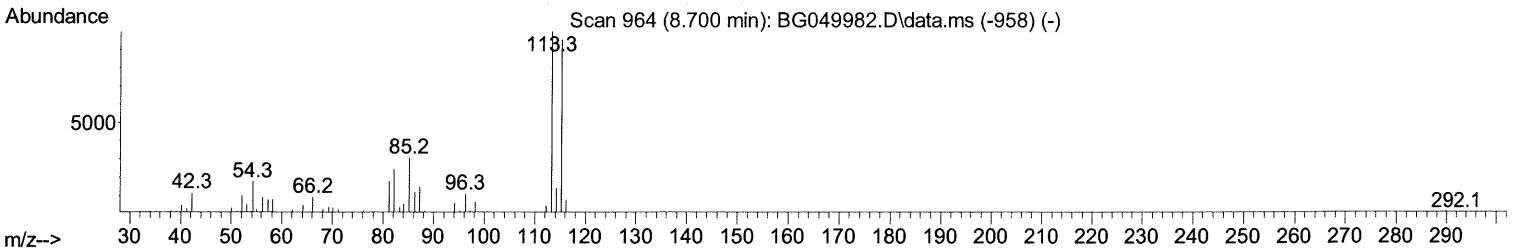
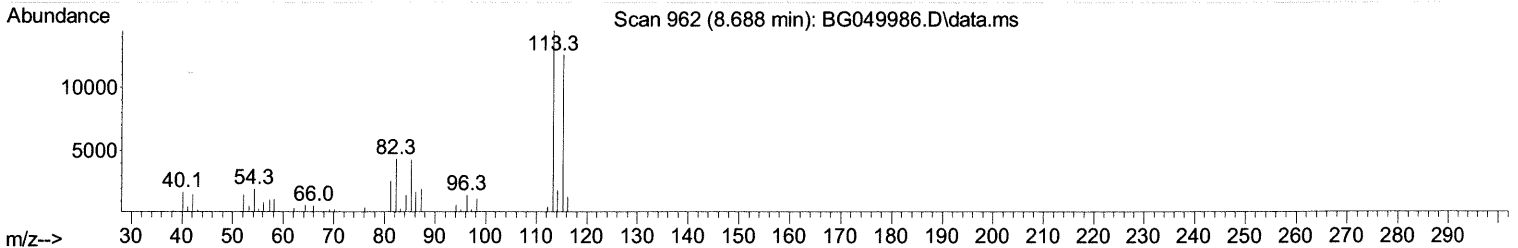
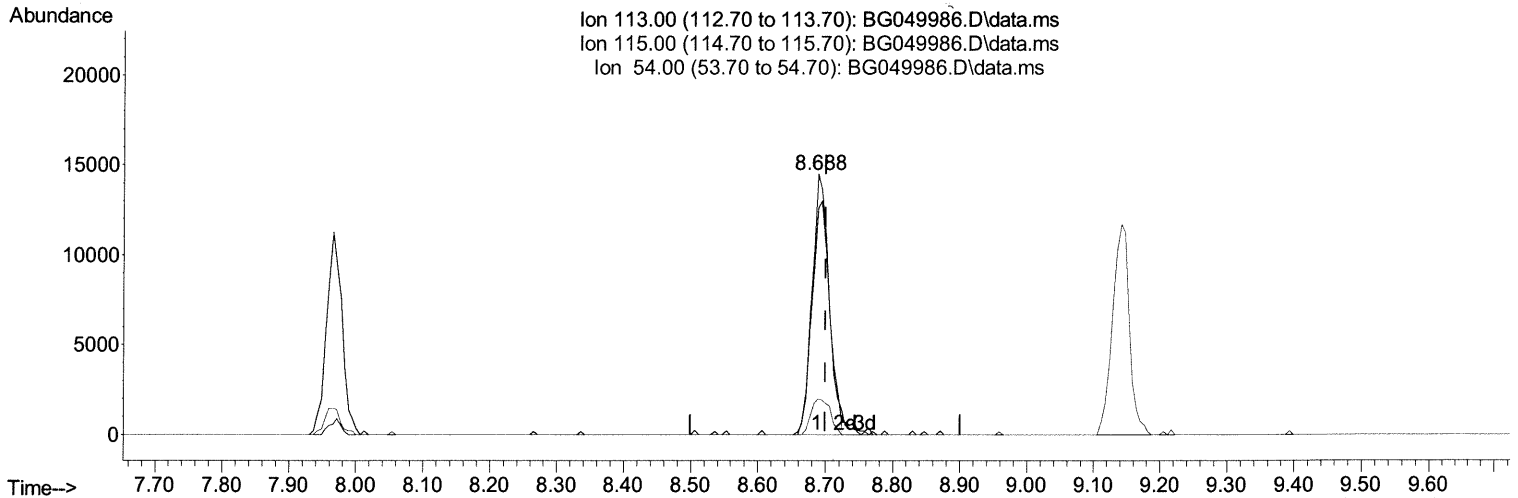
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TIC: BG049986.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.688min (-0.012) 13.27 ng/ul

response 25546

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.90	86.97
54.00	14.30	13.65
0.00	0.00	0.00

Quantitation Report (Qedit)

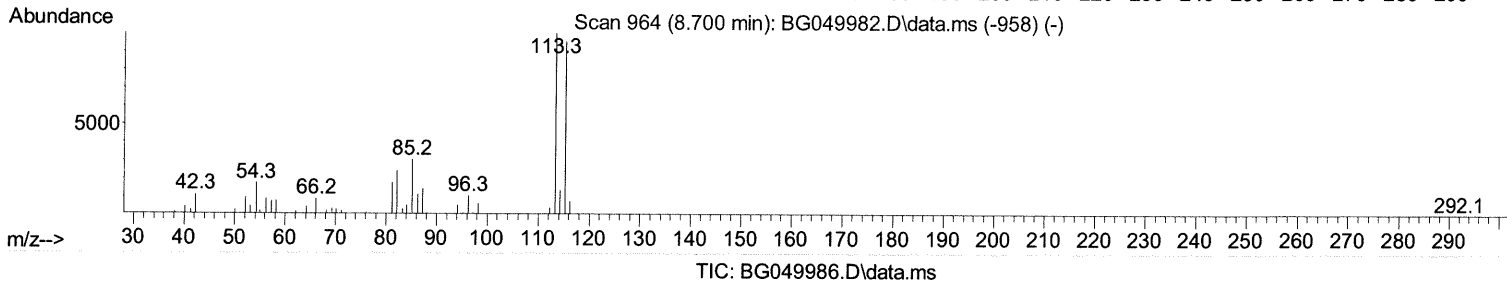
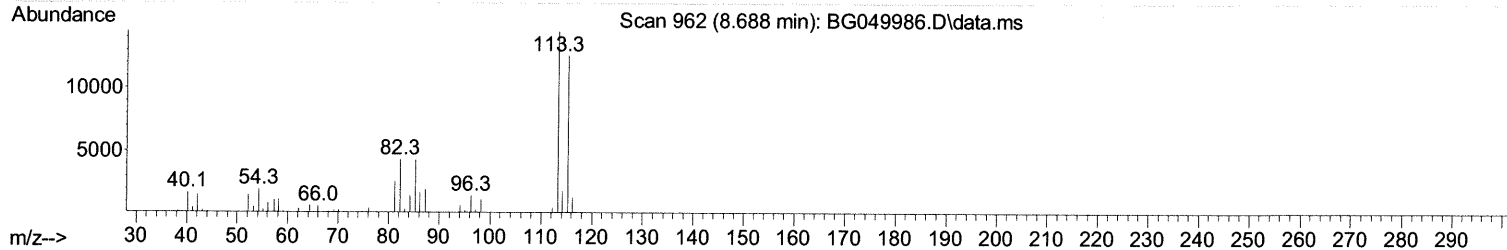
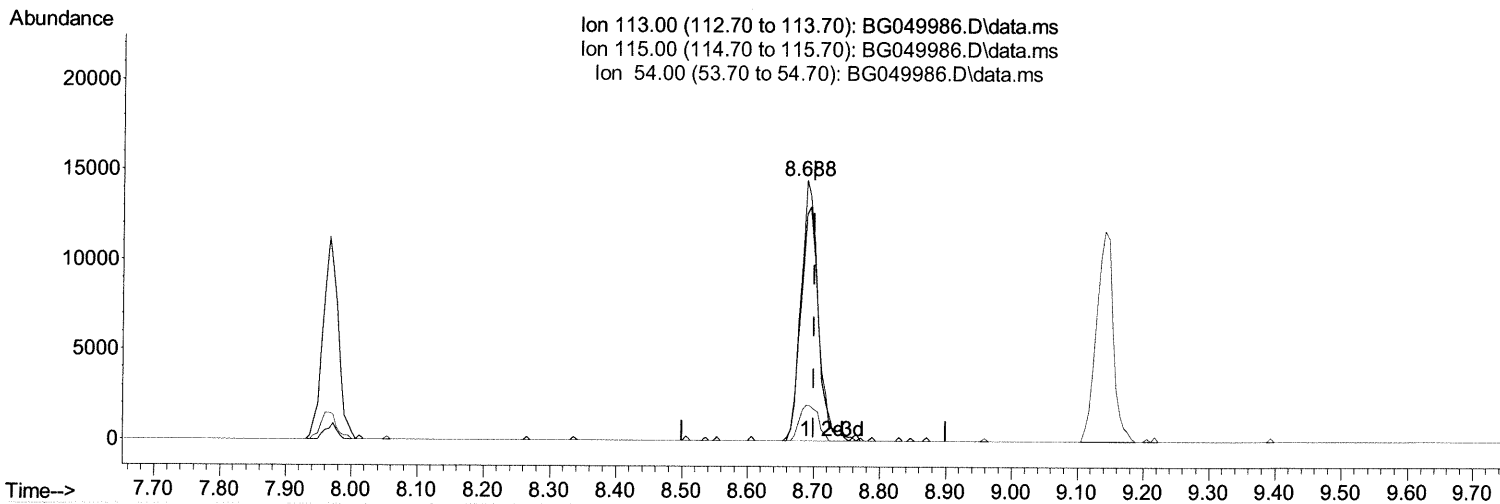
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(15) 4-Methylphenol-d8 (S)

8.688min (-0.012) 13.61 ng/ul m 08/30/21 JU

response 26211

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.90	86.97
54.00	14.30	13.65
0.00	0.00	0.00

Quantitation Report (Qedit)

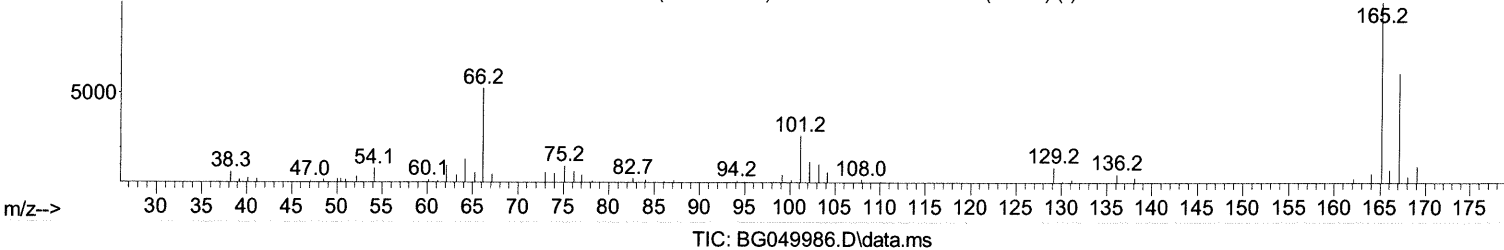
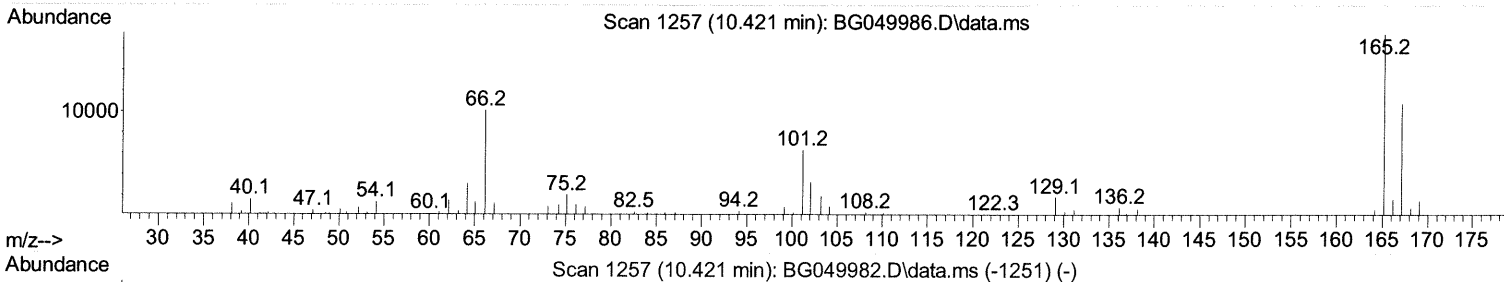
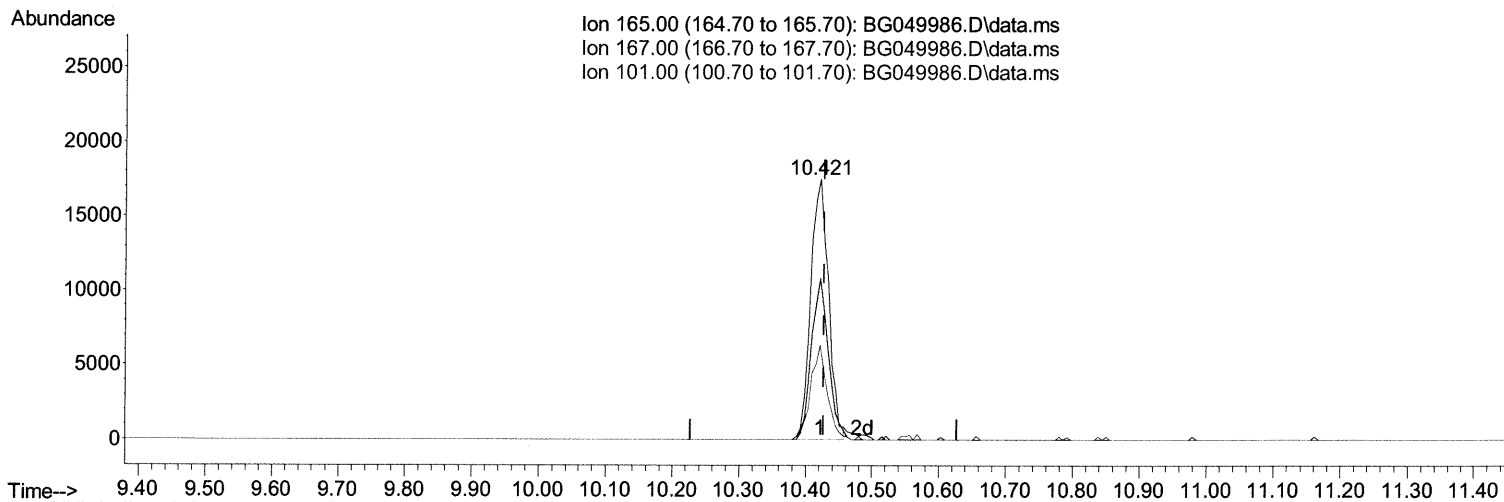
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049986.D
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 Operator : CG/JU
 Sample : M3458-16
 Misc :
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(28) 2,4-Dichlorophenol-d3 (S)

10.421min (-0.006) 16.91 ng/ul

response 32422

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	53.60	61.89
101.00	32.00	36.16
0.00	0.00	0.00

Quantitation Report (Qedit)

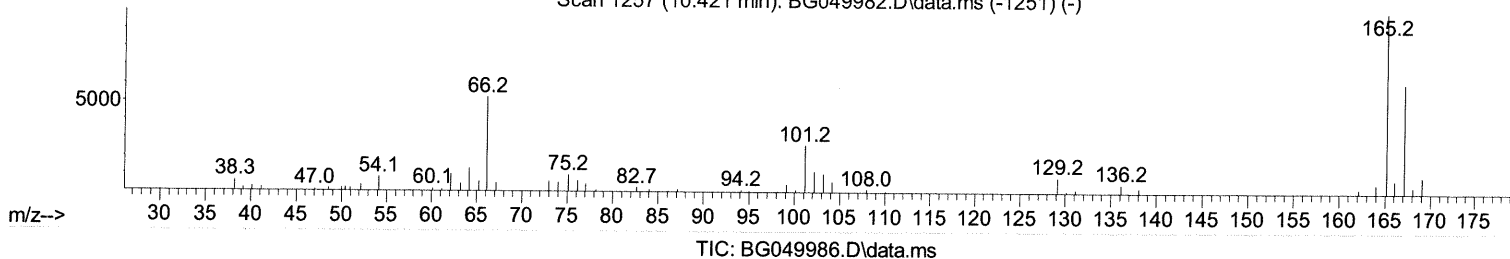
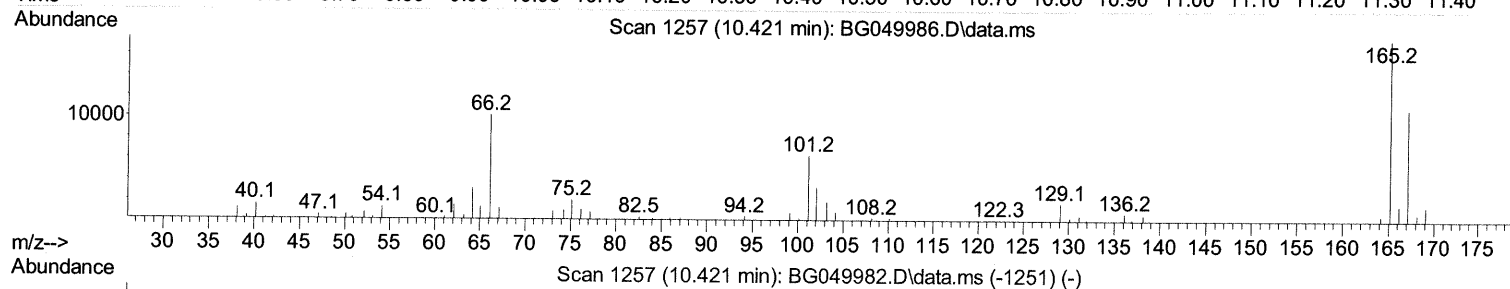
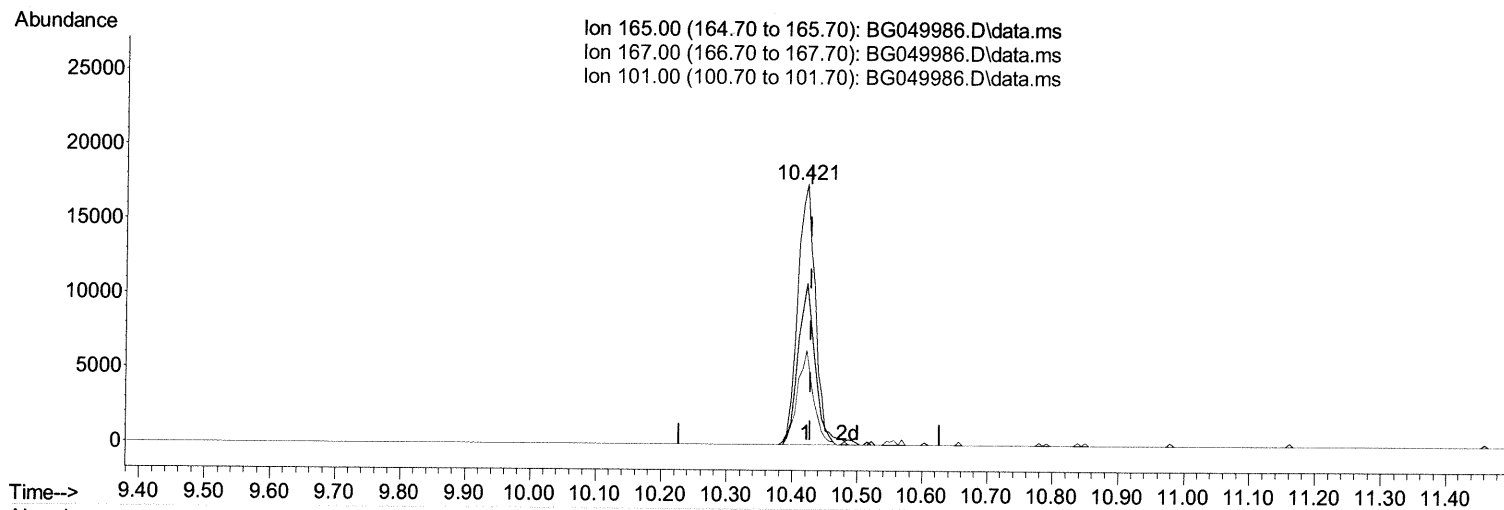
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(28) 2,4-Dichlorophenol-d3 (S)

10.421min (-0.006) 17.33 ng/ul m 08/30/21 JU

response 33236

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	53.60	61.89
101.00	32.00	36.16
0.00	0.00	0.00

Quantitation Report (Qedit)

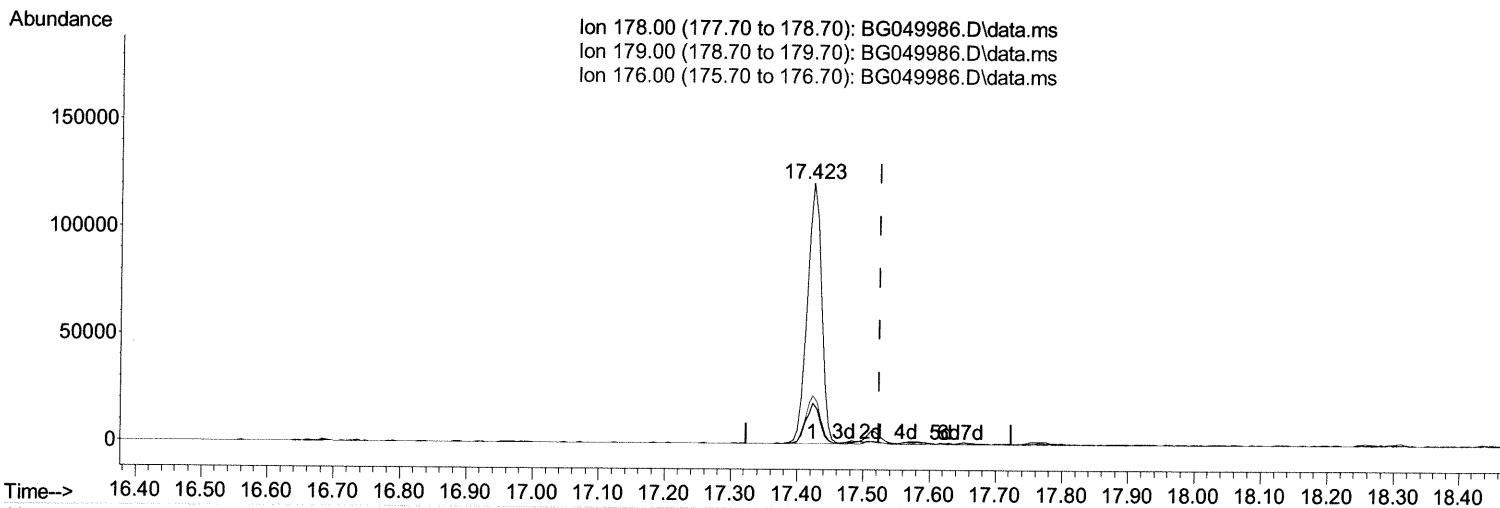
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 Data File : BG049986.D
 Acq On : 26 Aug 2021 22:18
 Operator : CG/JU
 Sample : M3458-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

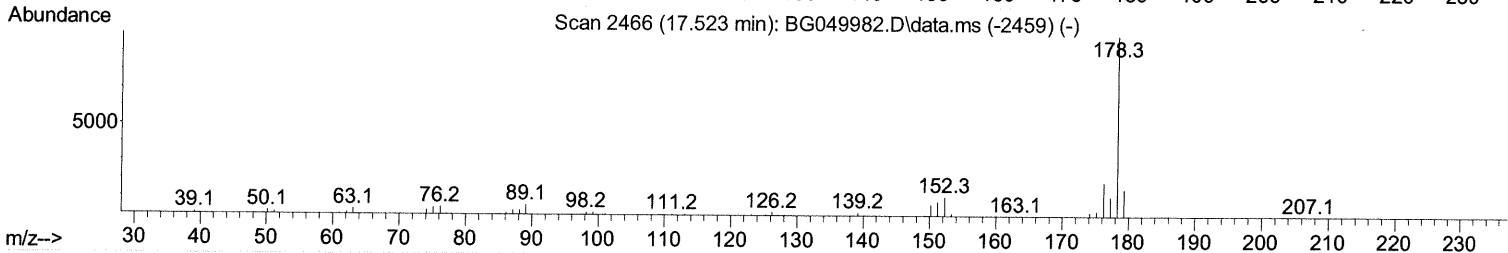
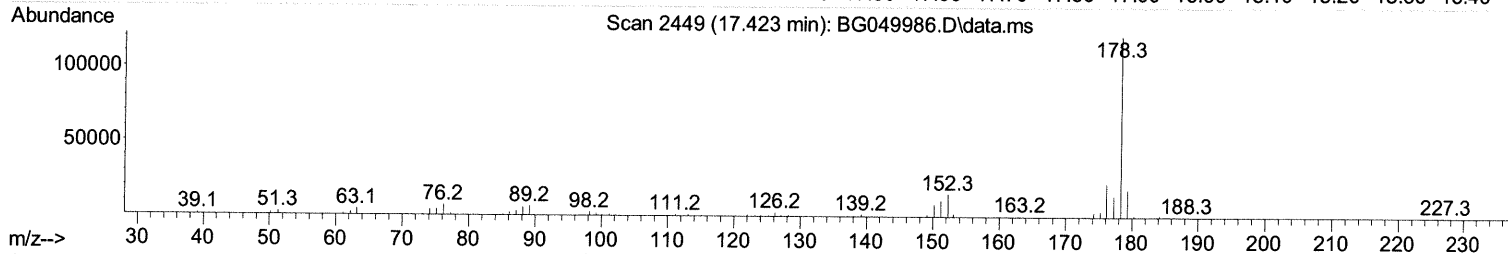
Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:37 PM

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Ion 178.00 (177.70 to 178.70): BG049986.D\data.ms
 Ion 179.00 (178.70 to 179.70): BG049986.D\data.ms
 Ion 176.00 (175.70 to 176.70): BG049986.D\data.ms



TIC: BG049986.D\data.ms

(74) Anthracene

17.423min (-0.100) 25.05 ng/ul

response 181287

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	15.43
176.00	16.00	18.39
0.00	0.00	0.00

Quantitation Report (Qedit)

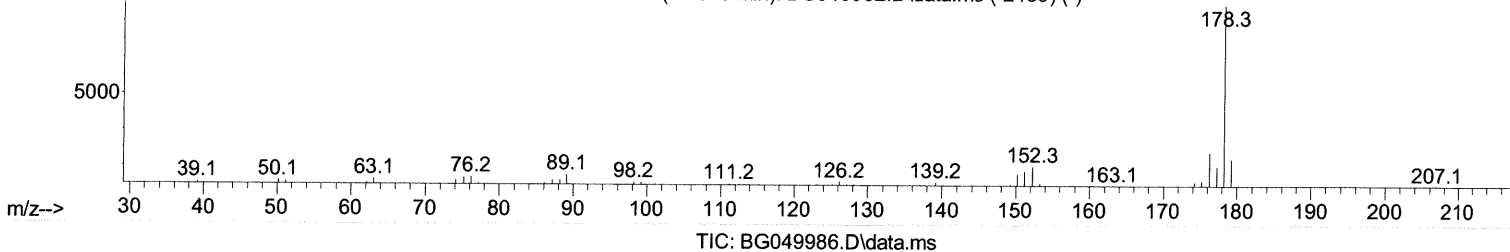
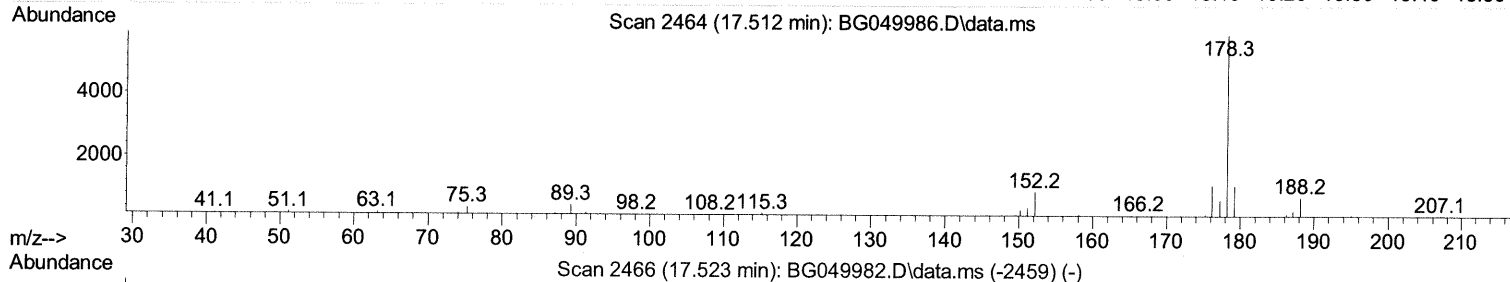
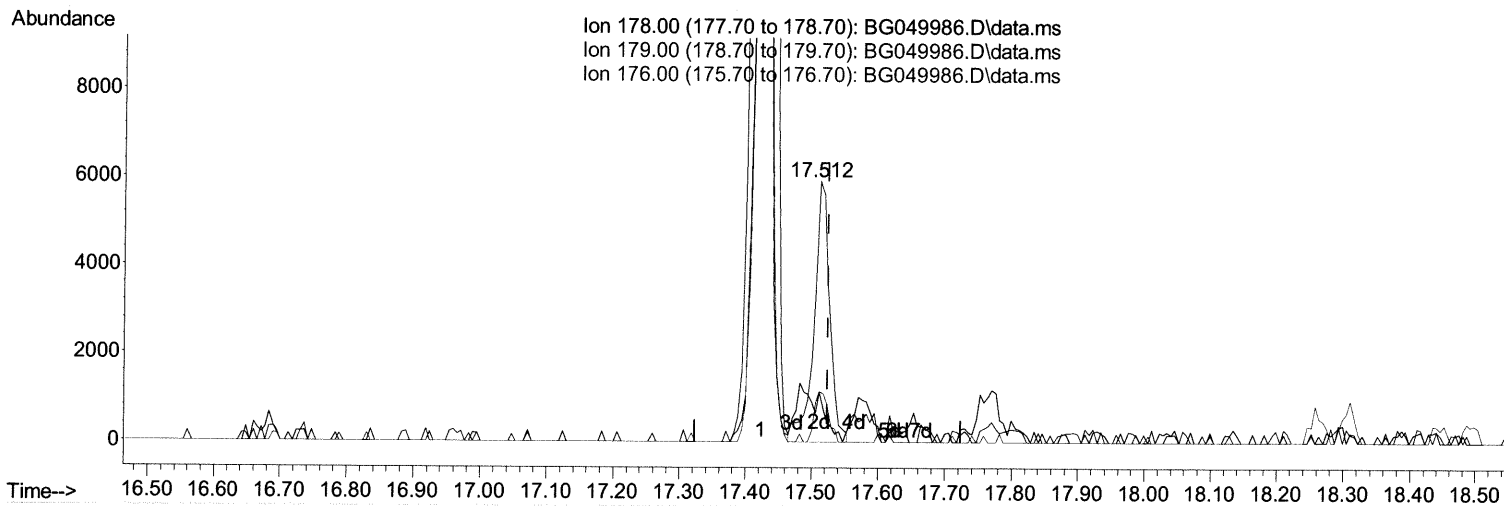
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049986.D
 Acq On : 26 Aug 2021 22:18
 Operator : CG/JU
 Sample : M3458-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(74) Anthracene

17.512min (-0.012) 1.34 ng/ul m 08/30/21 JU

response 9733

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	19.02#
176.00	16.00	19.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

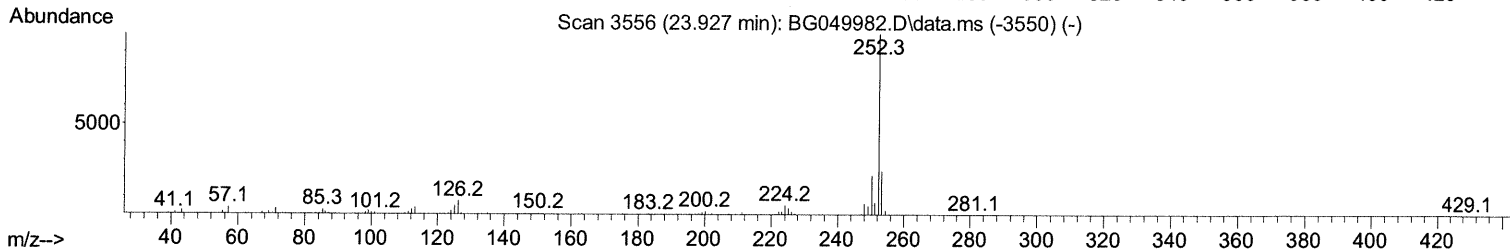
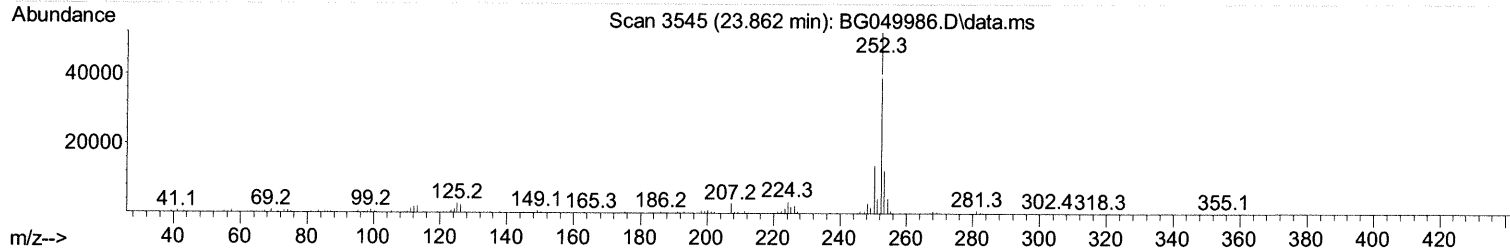
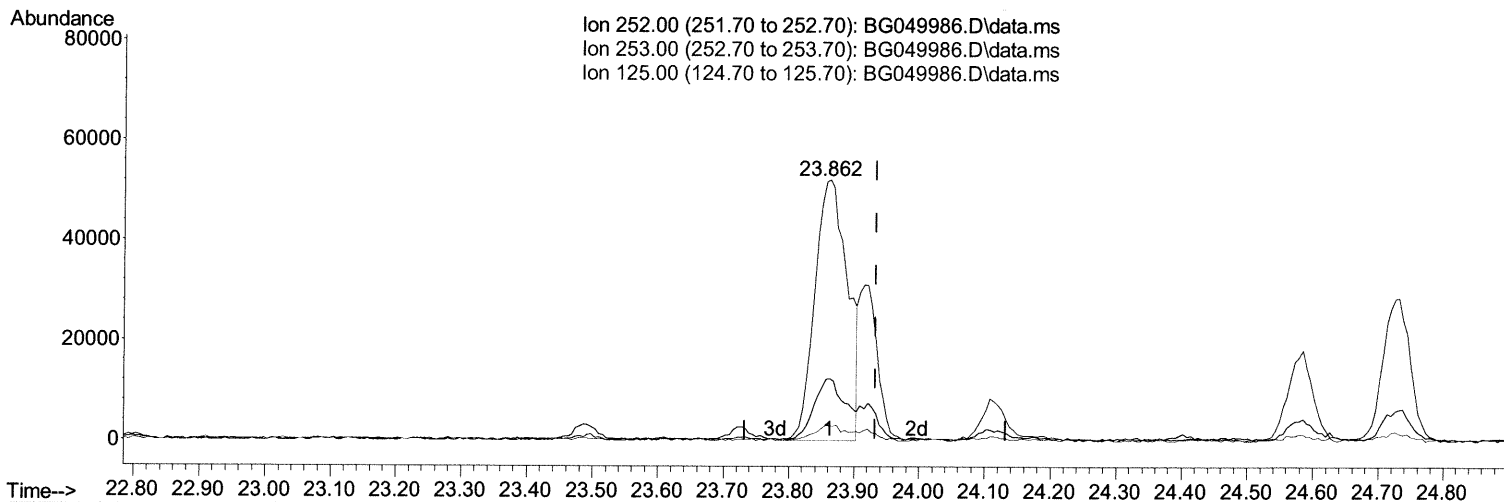
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 Data File : BG049986.D
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 Operator : CG/JU
 Sample : M3458-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Manual Integrations
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TIC: BG049986.D\data.ms

(91) Benzo(k)fluoranthene

23.862min (-0.070) 21.97 ng/ul

response 182356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.83
125.00	5.10	5.49
0.00	0.00	0.00

Quantitation Report (Qedit)

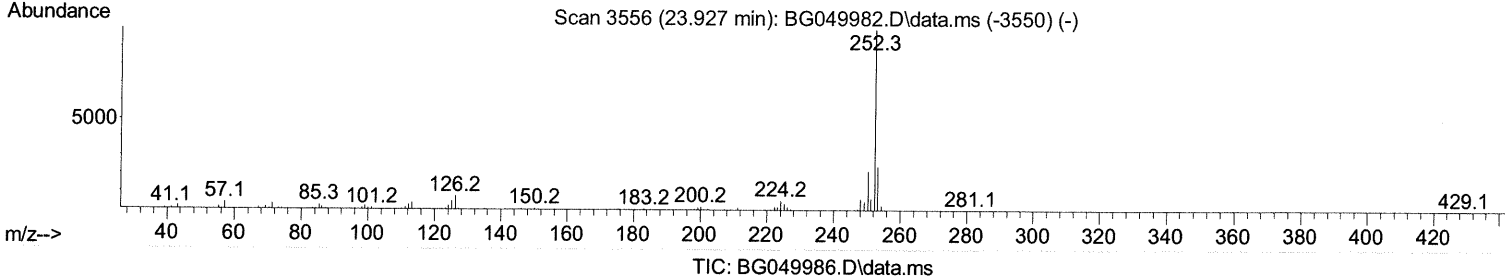
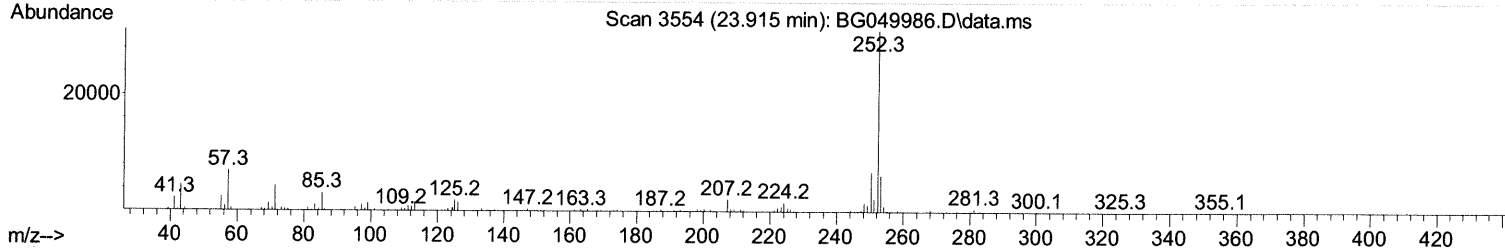
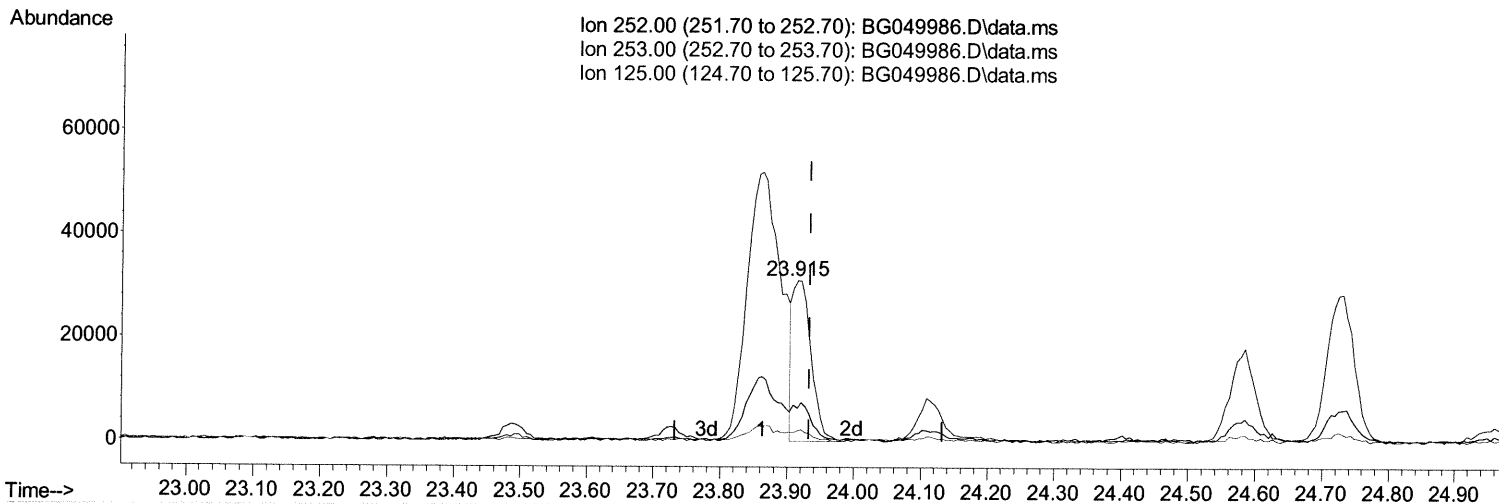
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 Data File : BG049986.D
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 Operator : CG/JU
 Sample : M3458-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(91) Benzo(k) fluoranthene

23.915min (-0.018) 7.11 ng/ul m 08/30/21 JU

response 58975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	20.45
125.00	5.10	6.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

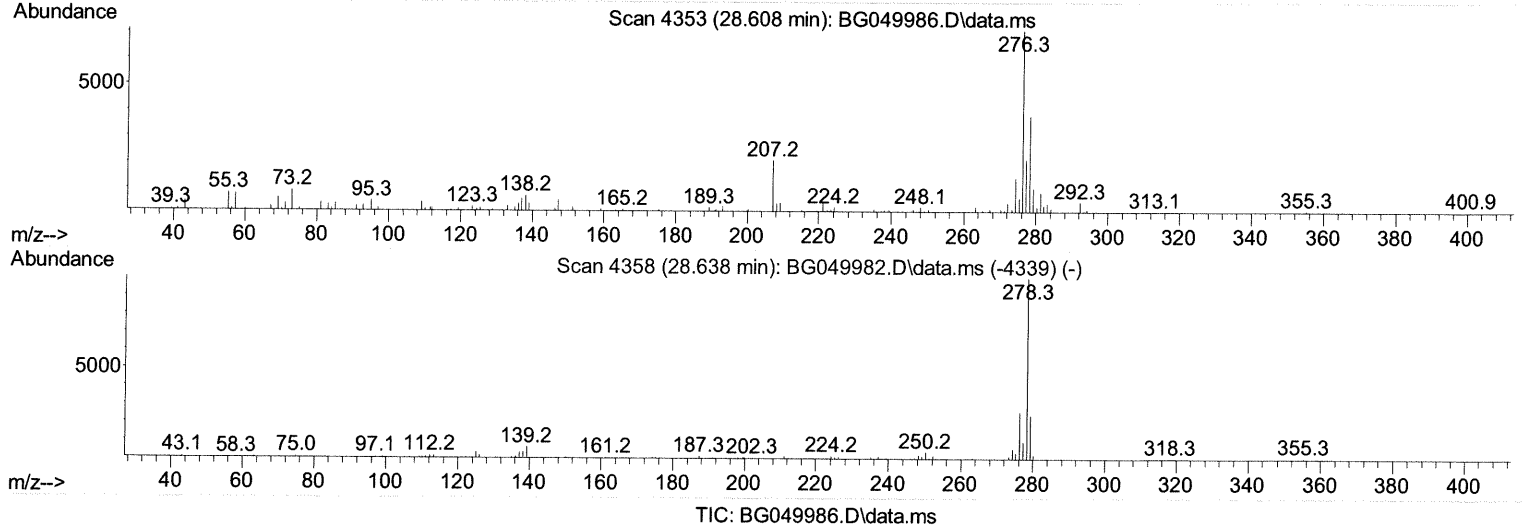
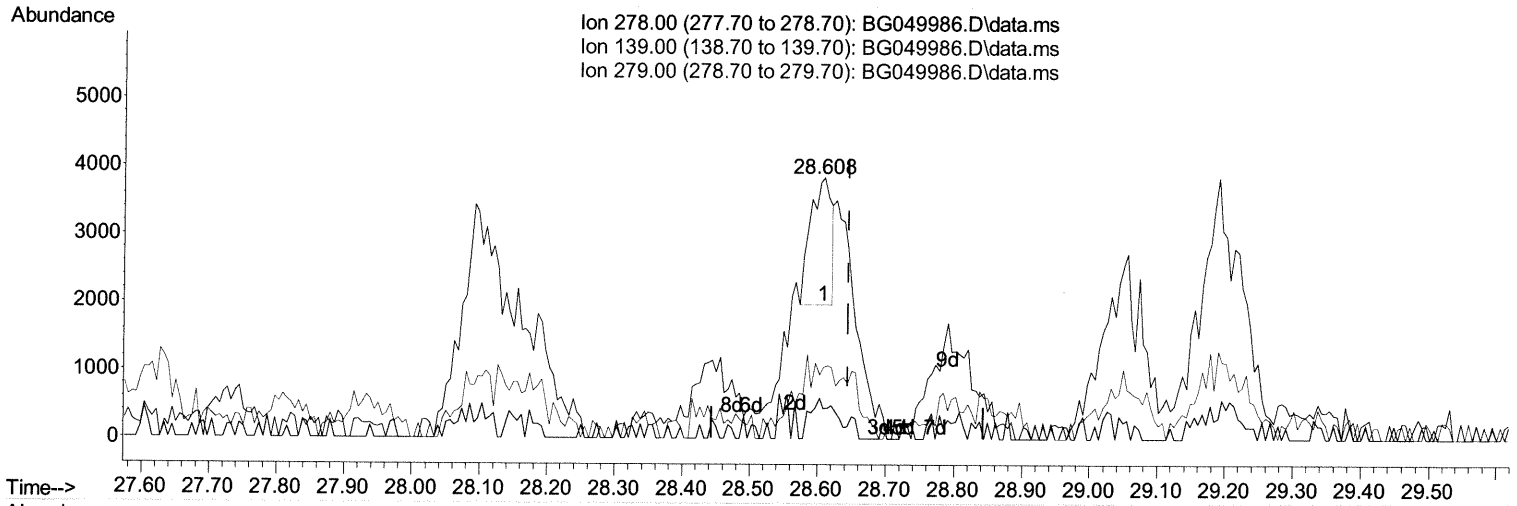
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(95) Dibenzo(a,h)anthracene

28.608min (-0.035) 0.49 ng/u1

response 4074

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	11.36#
279.00	23.70	27.28
0.00	0.00	0.00

Quantitation Report (Qedit)

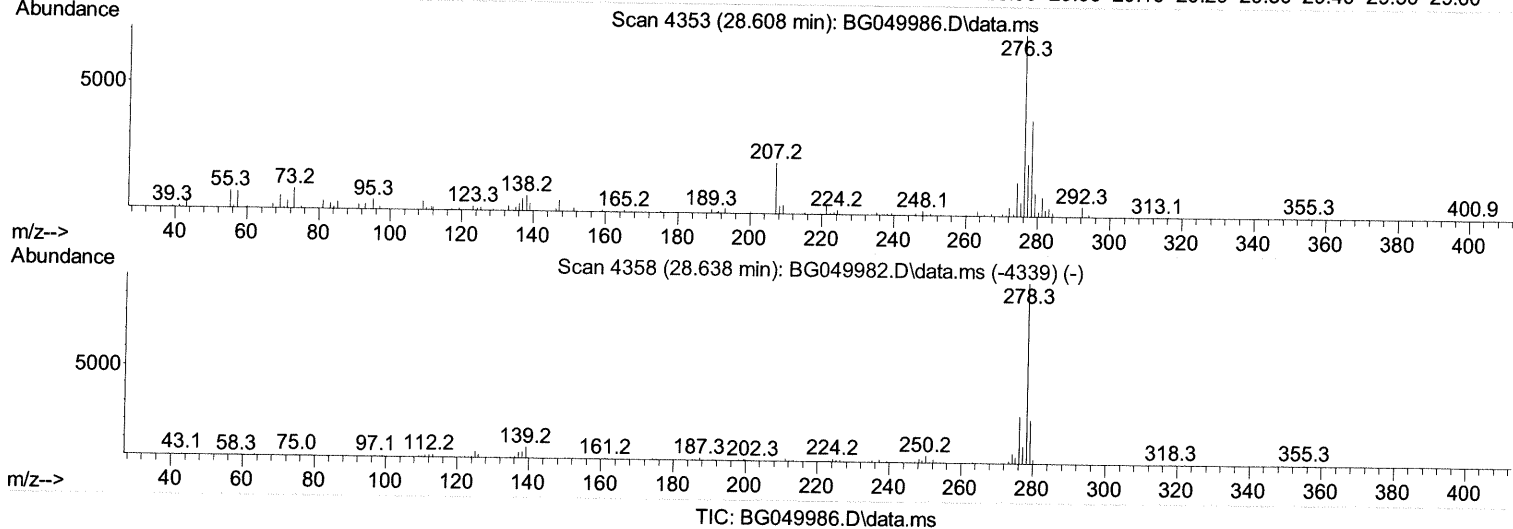
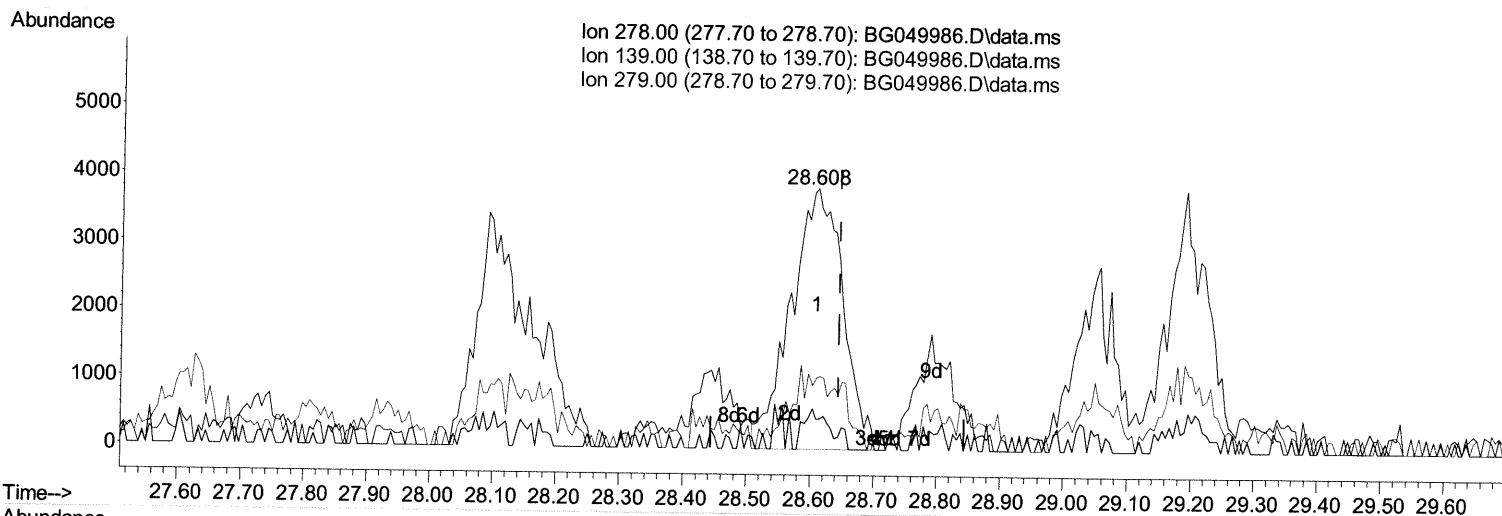
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(95) Dibenzo(a,h)anthracene

28.608min (-0.035) 2.60 ng/ul m 08/30/21 JU

response 21743

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	11.36#
279.00	23.70	27.28
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	7.972	152	28791	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.791	136	116461	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.627	164	73210	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.382	188	143269	20.000	ng/ul	-0.01
79) Chrysene-d12	21.653	240	130796	20.000	ng/ul	-0.01
88) Perylene-d12	24.878	264	136499	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1663	2.979	ng/ul	-0.01
4) Pyridine-d5	3.765	84	10133	6.025	ng/ul	0.00
7) Phenol-d5	7.143	99	37032	15.147	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.290	67	22773	16.766	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.502	132	29428	16.087	ng/ul	-0.01
15) 4-Methylphenol-d8	8.688	113	26211m >	13.613	ng/ul >	-0.01 08/30/21 JU
21) Nitrobenzene-d5	9.141	128	16713	18.510	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.869	143	18955	17.631	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.421	165	33236m >	17.332	ng/ul >	0.00 08/30/21 JU
31) 4-Chloroaniline-d4	10.926	131	32193	12.334	ng/ul	-0.01
46) Dimethylphthalate-d6	14.028	166	108065	19.288	ng/ul	-0.01
49) Acenaphthylene-d8	14.322	160	131508	20.018	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.856	143	10502	12.955	ng/ul	0.00
60) Fluorene-d10	15.620	176	90055	18.957	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.755	200	13426	14.566	ng/ul	-0.01
73) Anthracene-d10	17.482	188	129900	20.191	ng/ul	-0.01
81) Pyrene-d10	19.773	212	146002	20.656	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	123919	17.112	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.838	128	8353	1.435	ng/ul#	87
36) 2-Methylnaphthalene	12.454	142	6343	1.466	ng/ul	83
37) 1-Methylnaphthalene	12.671	142	5370	1.229	ng/ul#	97
50) Acenaphthylene	14.351	152	13506	2.249	ng/ul#	92
56) Dibenzofuran	15.033	168	7509	1.245	ng/ul#	85
72) Phenanthrene	17.423	178	181287	25.382	ng/ul	97
74) Anthracene	17.512	178	9733m >	1.345	ng/ul >	08/30/21 JU
77) Carbazole	17.788	167	12112	1.881	ng/ul	95
80) Fluoranthene	19.438	202	303906	34.844	ng/ul	99
82) Pyrene	19.803	202	238148	27.554	ng/ul	99
85) Benzo(a)anthracene	21.630	228	89642	10.999	ng/ul	97
87) Chrysene	21.700	228	136871	17.766	ng/ul	95
90) Benzo(b)fluoranthene	23.862	252	182356	20.885	ng/ul#	97
91) Benzo(k)fluoranthene	23.915	252	58975m >	7.106	ng/ul >	08/30/21 JU
93) Benzo(a)pyrene	24.731	252	82838	10.924	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.567	276	71627	7.161	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.608	278	21743m >	2.597	ng/ul >	08/30/21 JU

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