

Quantitation Report (QT Reviewed)

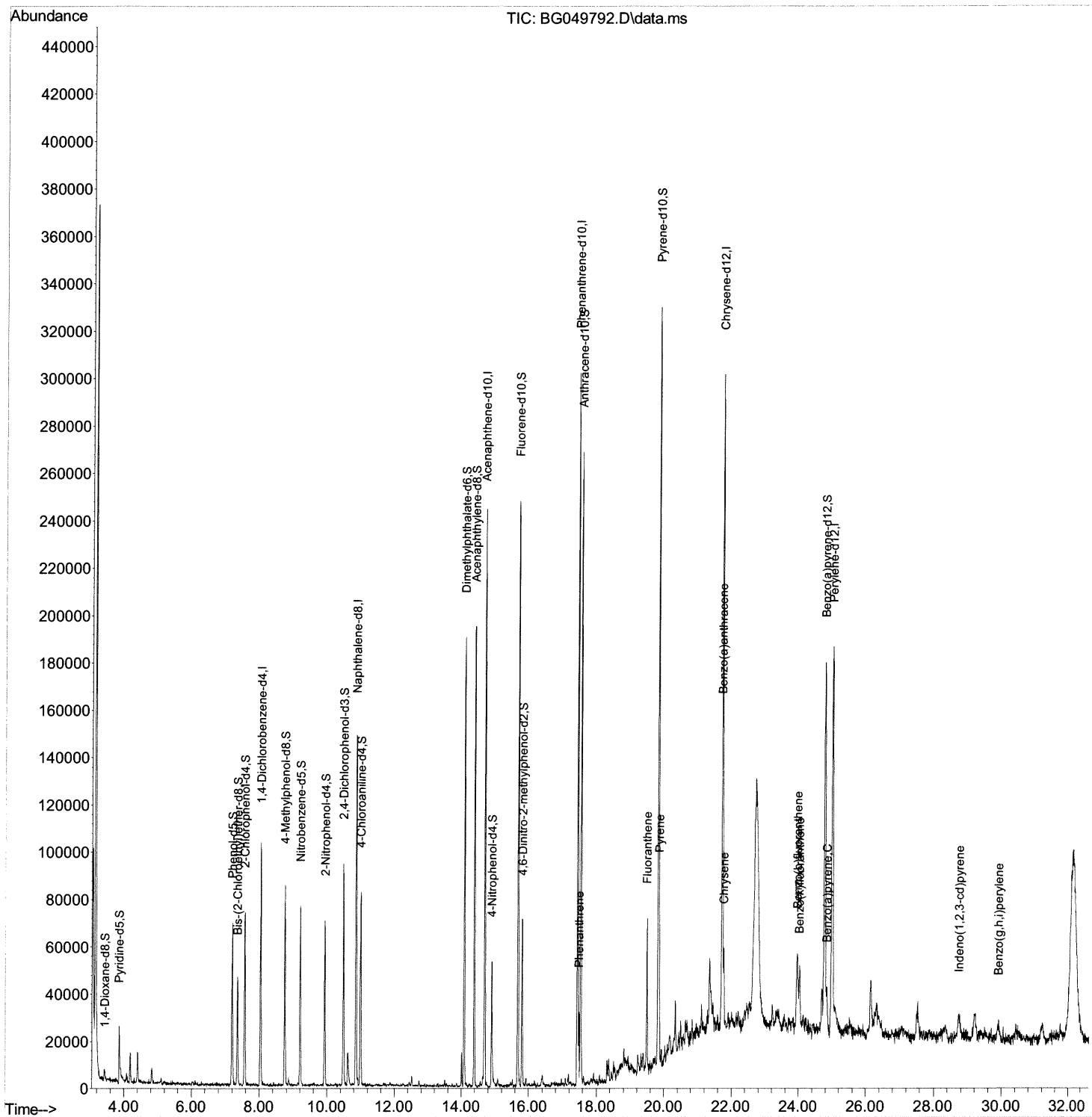
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\  
Data File : BG049792.D  
Acq On    : 11 Aug 2021  16:52  
Operator  : CG/JU  
Sample    : M3287-09  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
BGB10

Manual Integrations

mohammad
8/12/2021 1:34:31 PM

Quant Time: Aug 11 17:41:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

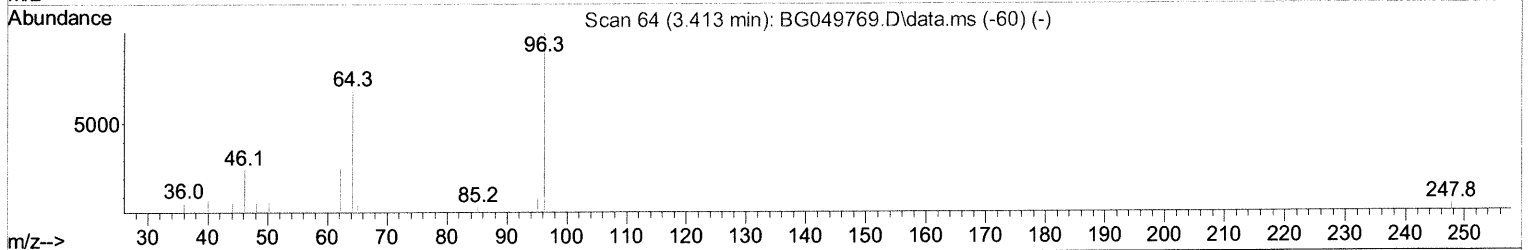
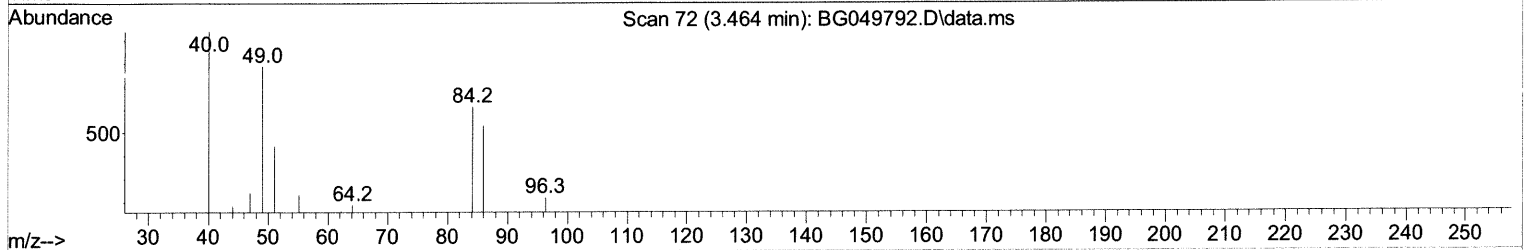
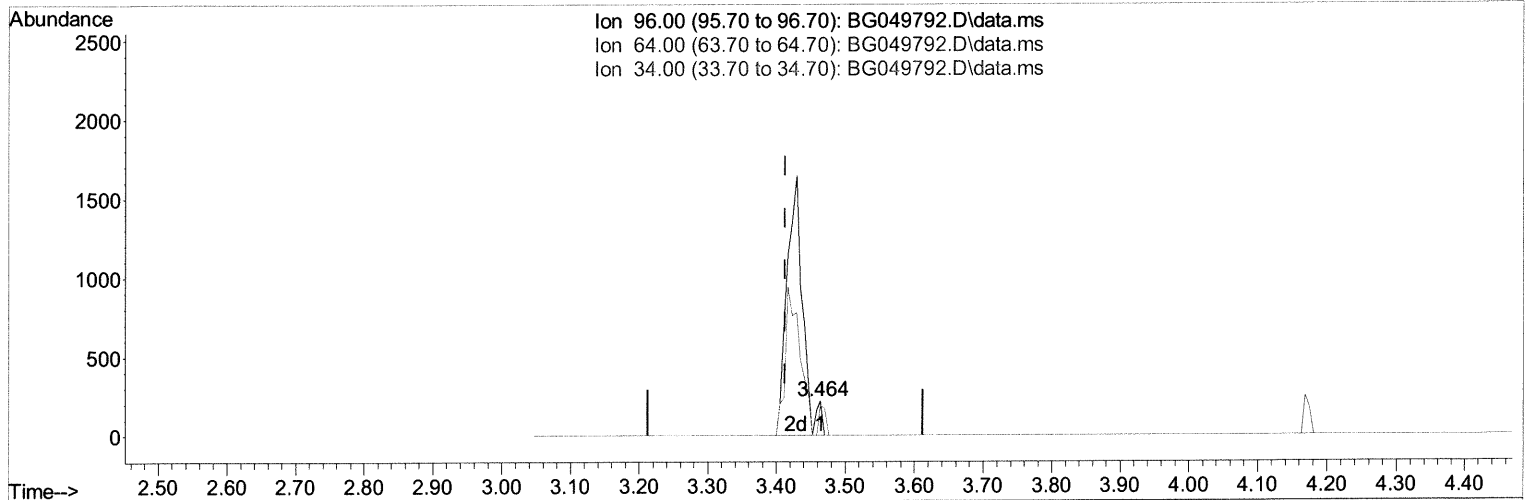
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
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TIC: BG049792.D\data.ms

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

3.464min (+ 0.051) 0.22 ng/uL

response 134

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	85.84
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

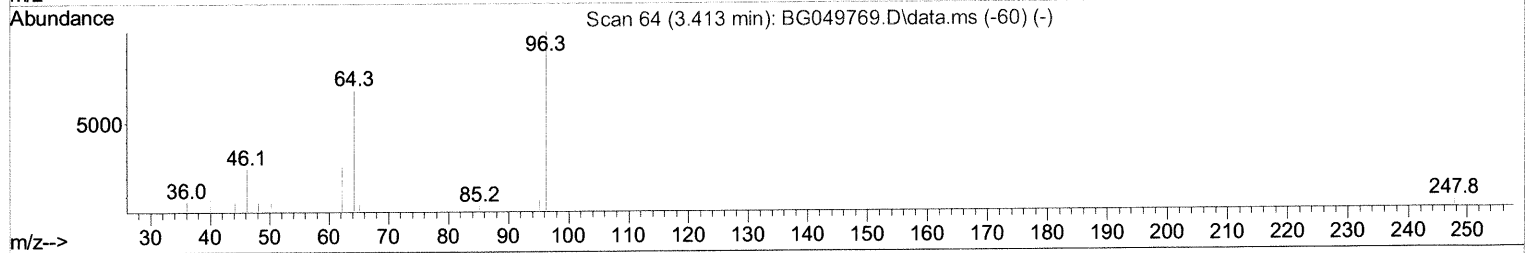
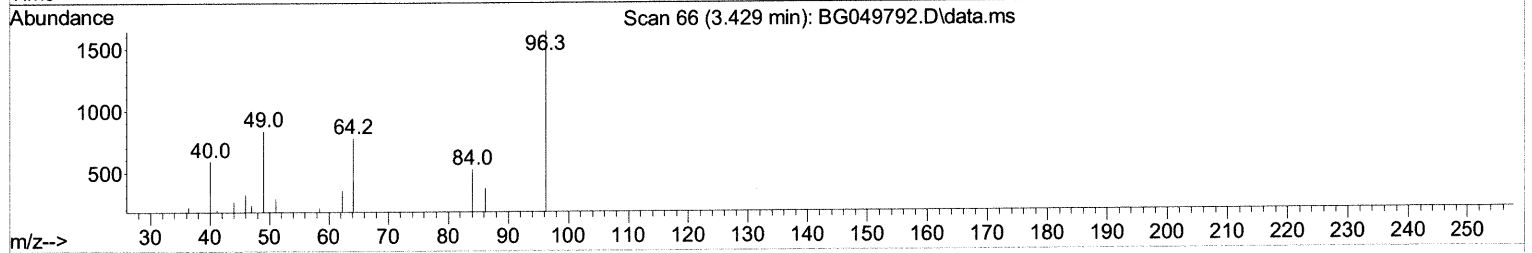
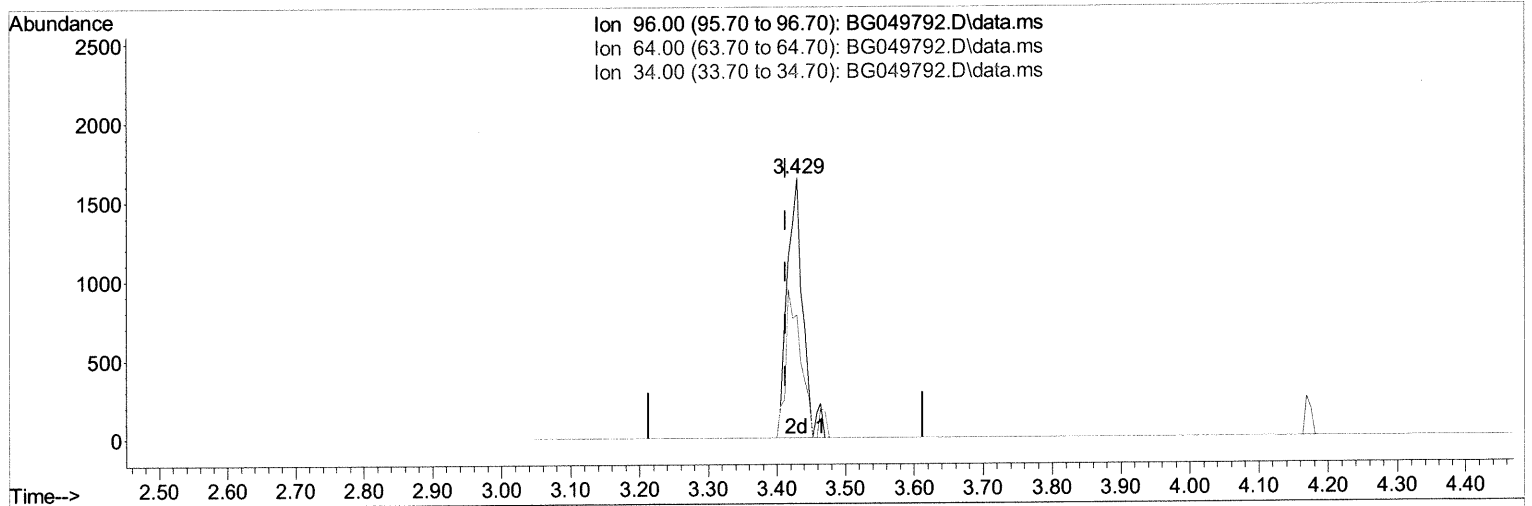
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(3) 1,4-Dioxane-d8 (S)

3.429min (+ 0.016) 4.05 ng/uL m

response 2471

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	47.17#
34.00	0.00	0.00
0.00	0.00	0.00

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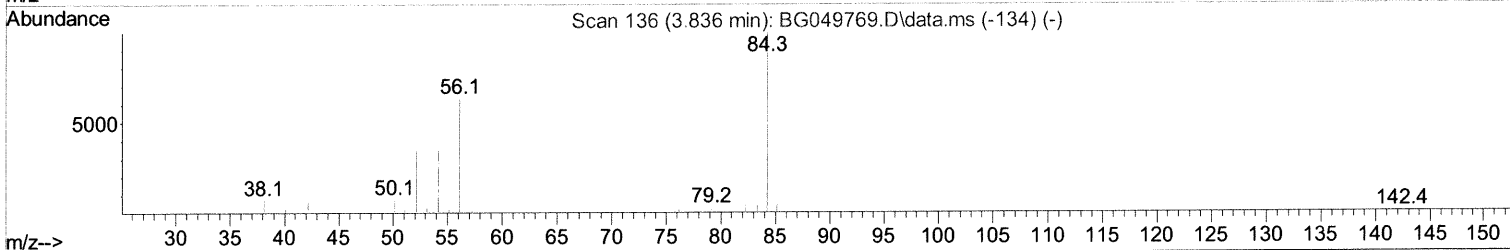
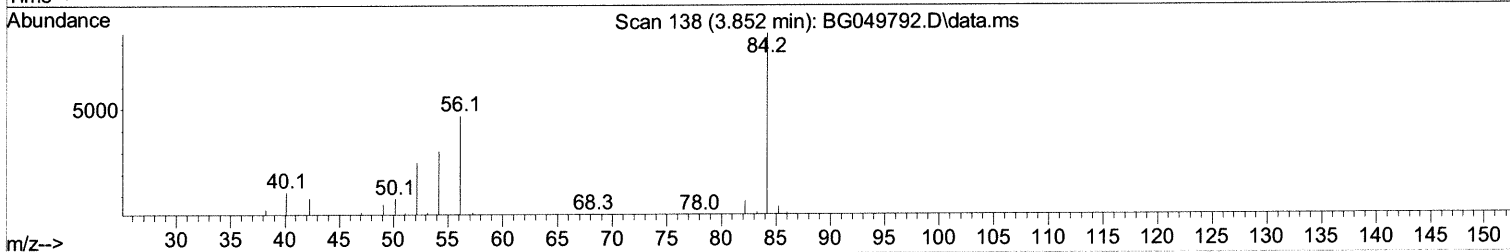
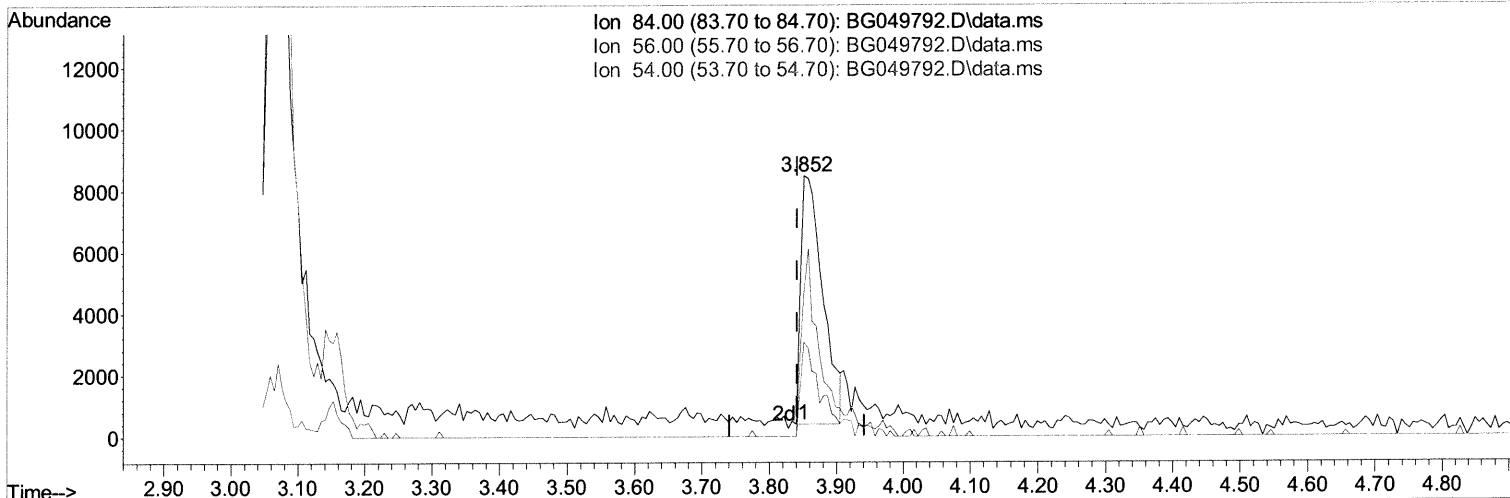
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(4) Pyridine-d5 (S)

3.852min (+ 0.010) 9.98 ng/ul

response 18284

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	55.52
54.00	36.30	36.32
0.00	0.00	0.00

Quantitation Report (Qedit)

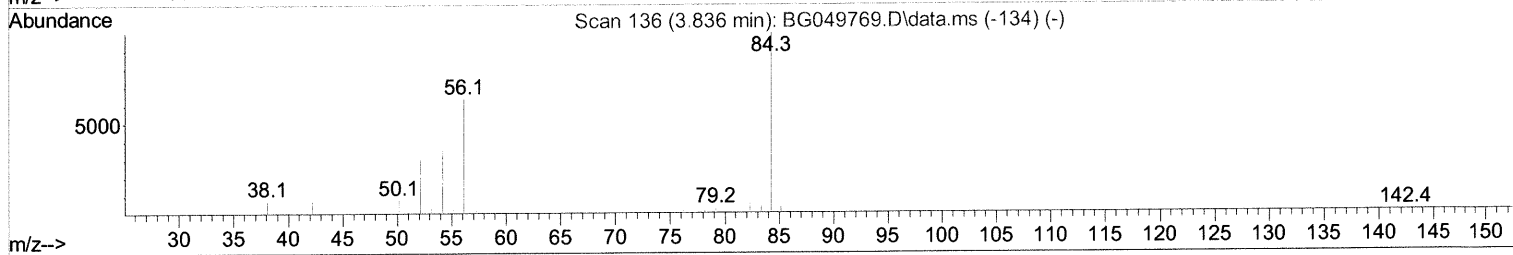
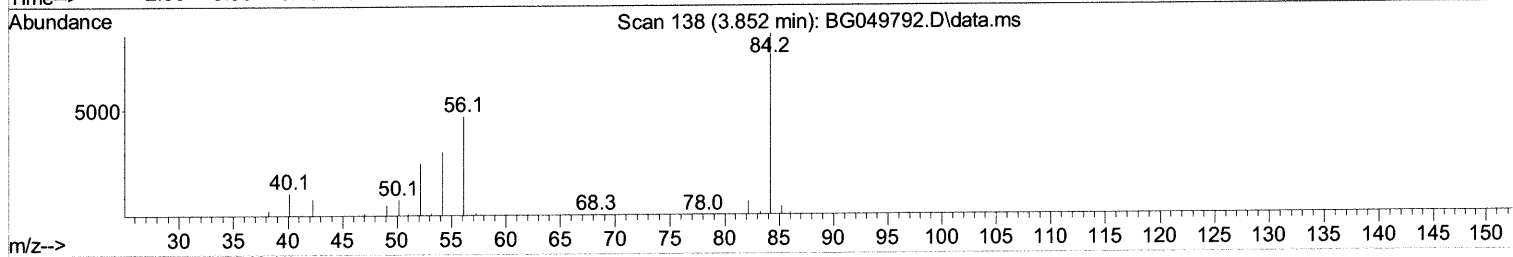
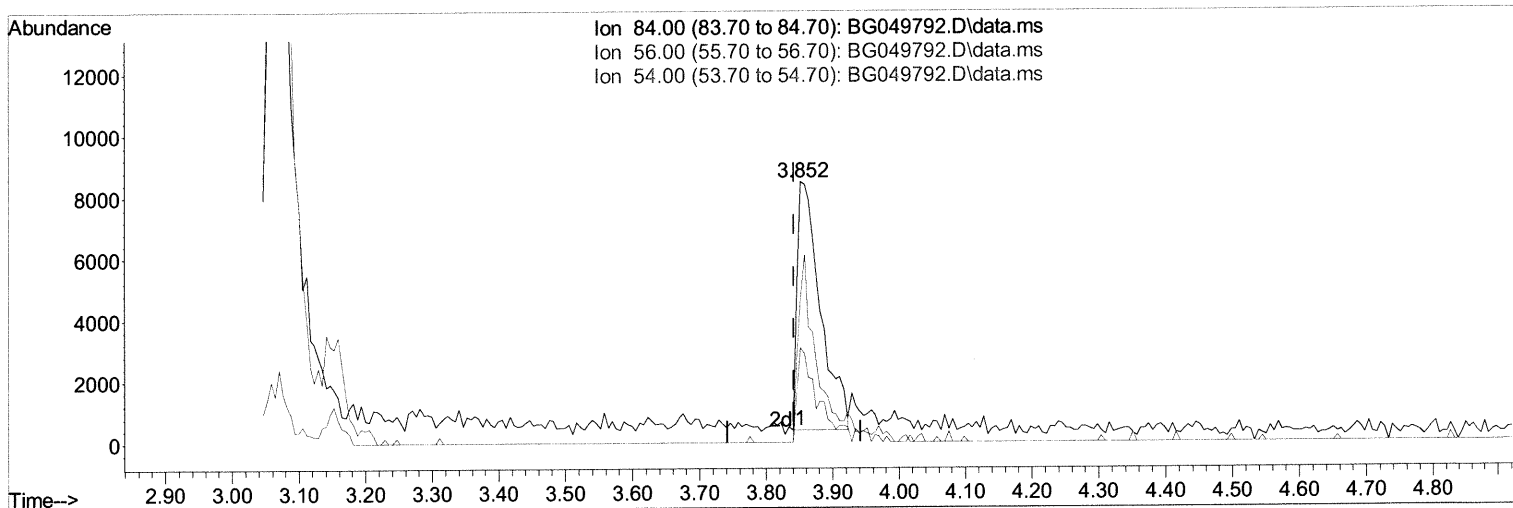
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Data File : BG049792.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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(4) Pyridine-d5 (S)

3.852min (+ 0.010) 10.64 ng/ul m

response 19502

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	55.52
54.00	36.30	36.32
0.00	0.00	0.00

Quantitation Report (Qedit)

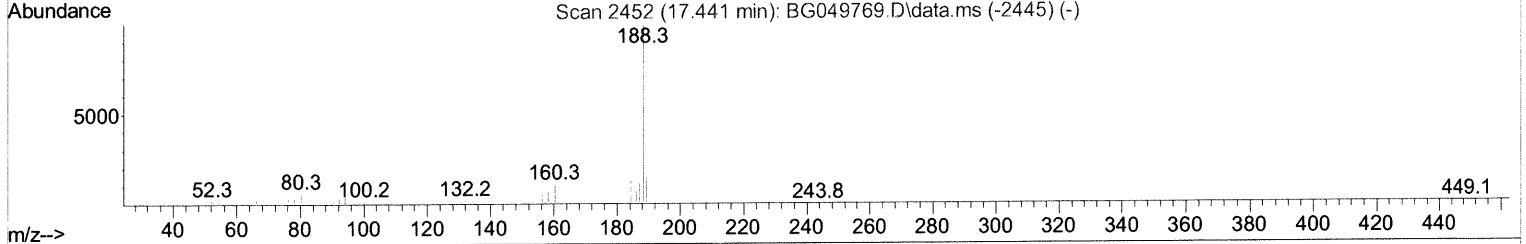
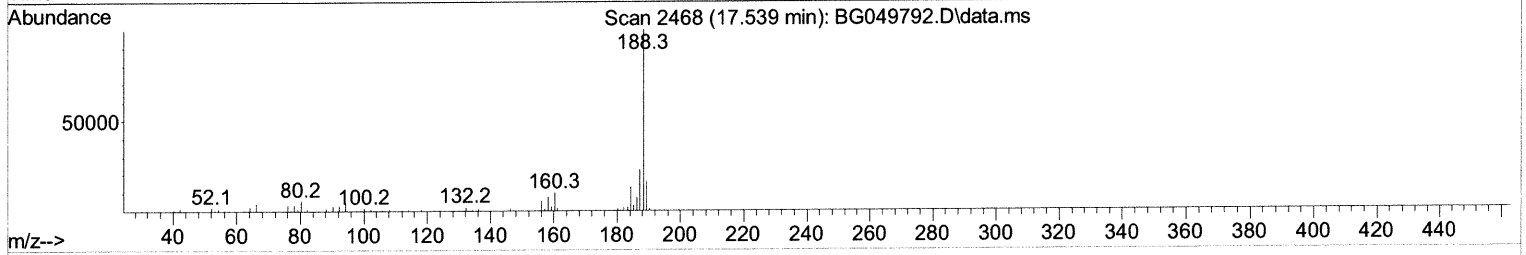
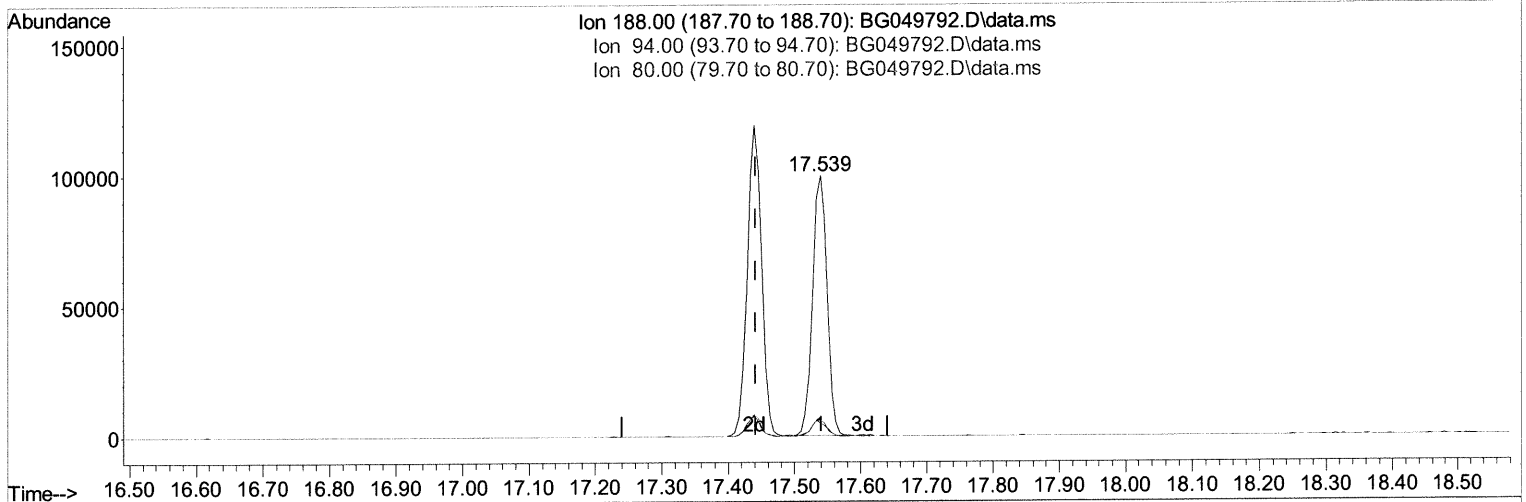
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(64) Phenanthrene-d10 (I)

17.539min (+ 0.098) 20.00 ng/ul

response 151308

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.10	4.94
80.00	7.30	5.85
0.00	0.00	0.00

Quantitation Report (Qedit)

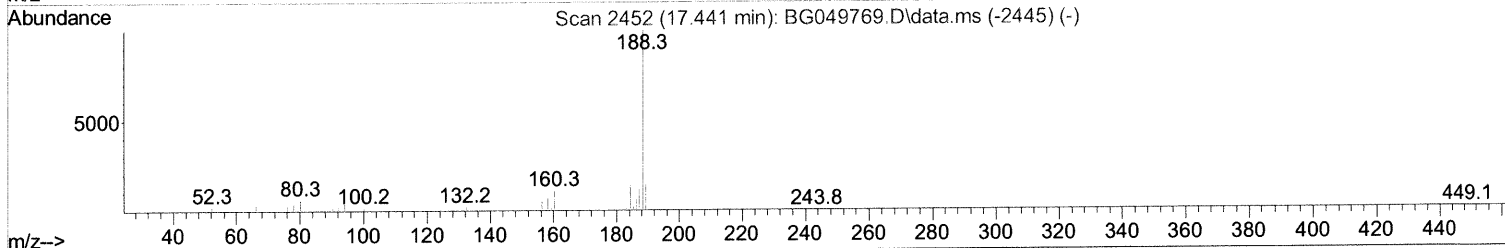
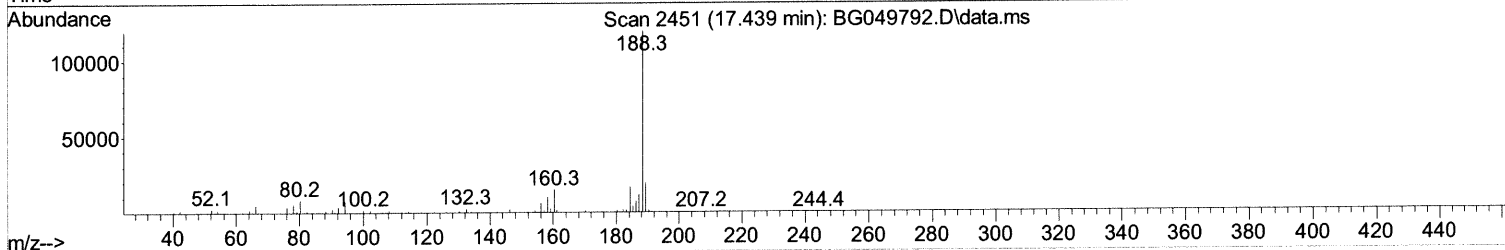
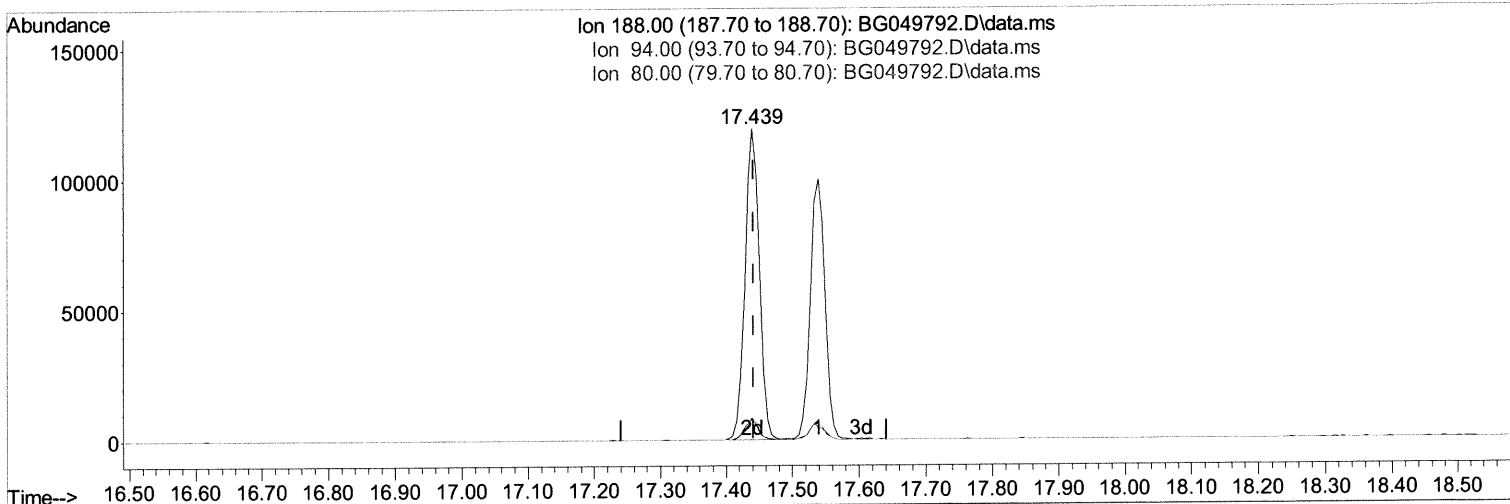
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(64) Phenanthrene-d10 (I)

17.439min (-0.002) 20.00 ng/ul m

response 180414

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.10	6.57#
80.00	7.30	6.99
0.00	0.00	0.00

Quantitation Report (Qedit)

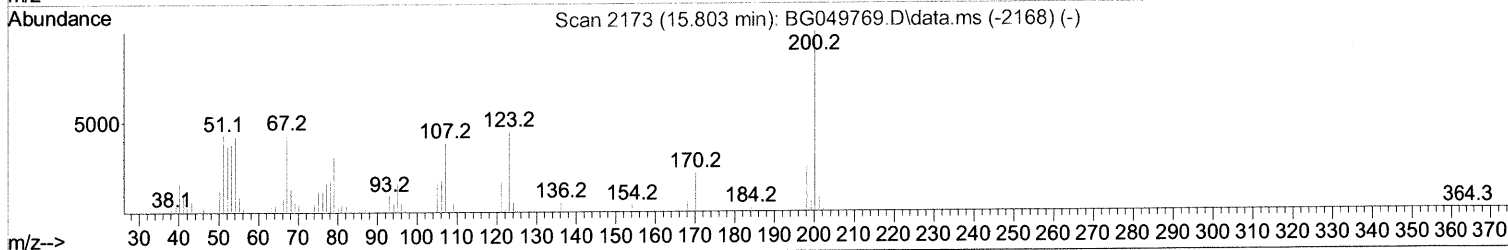
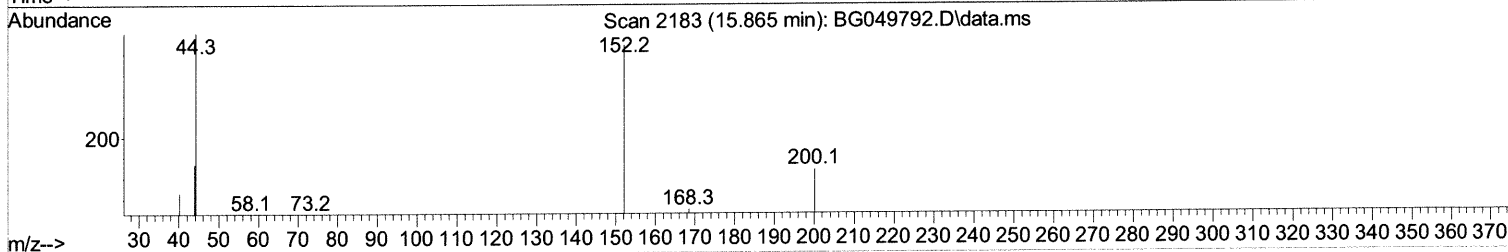
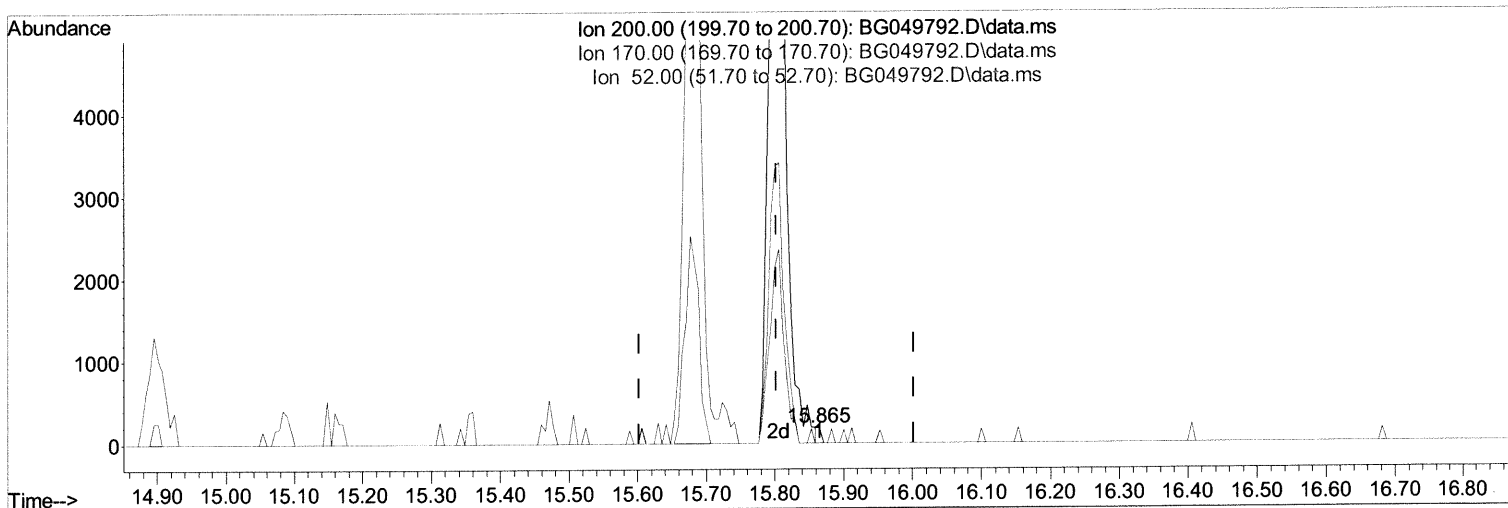
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.865min (+ 0.063) 0.05 ng/ul

response 65

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.70	0.00#
52.00	46.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

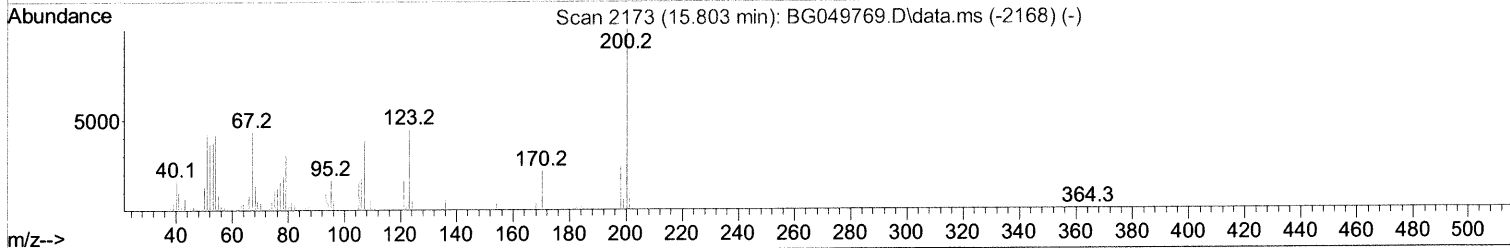
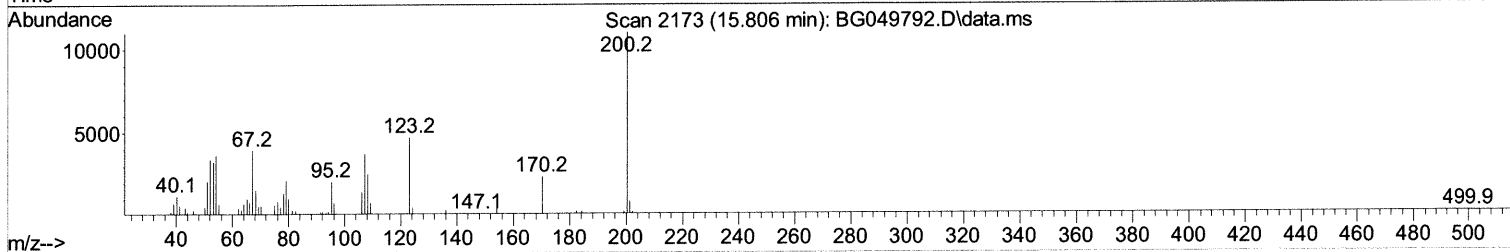
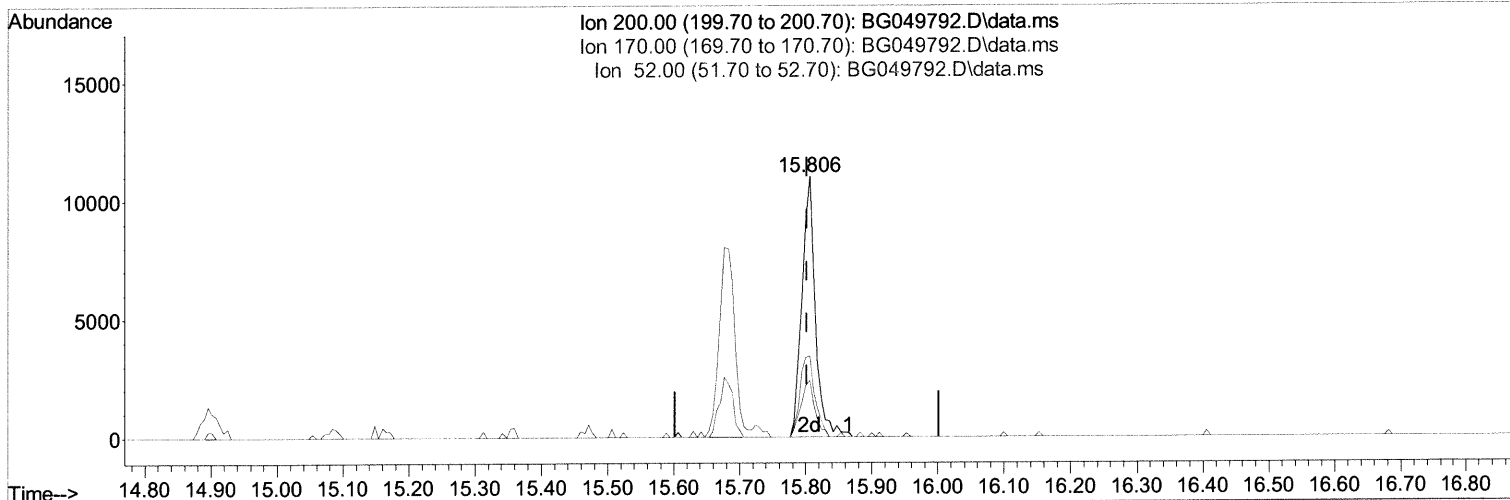
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TIC: BG049792.D\data.ms

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

15.806min (+ 0.004) 12.78 ng/ul m

response 15521

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.70	21.48
52.00	46.60	31.01#
0.00	0.00	0.00

JU 8/17/21

Quantitation Report (Qedit)

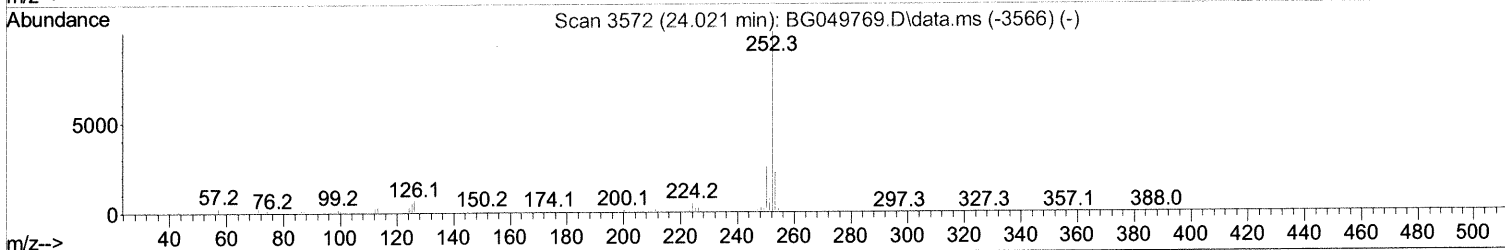
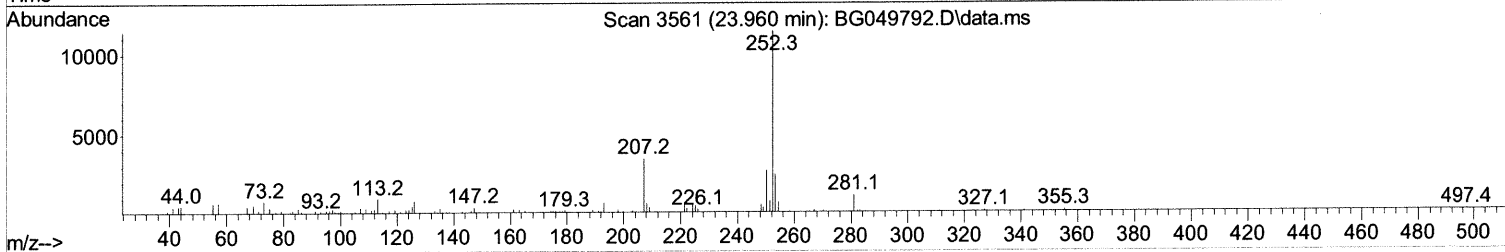
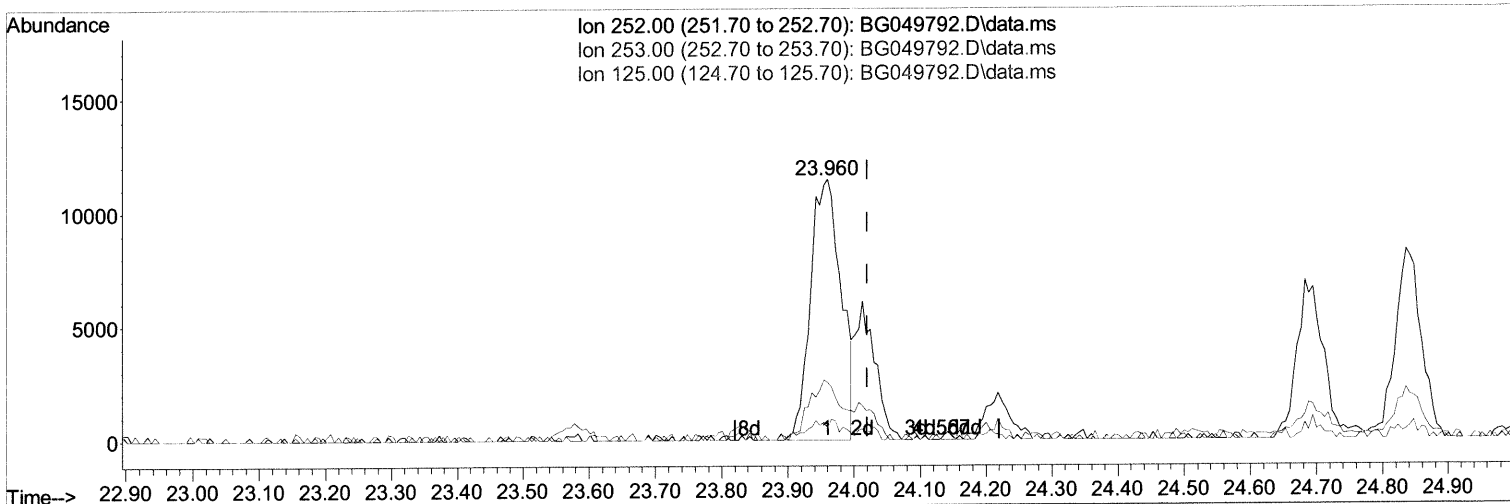
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(91) Benzo(k)fluoranthene

23.960min (-0.061) 3.40 ng/ul

response 36653

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.97
125.00	4.80	4.61
0.00	0.00	0.00

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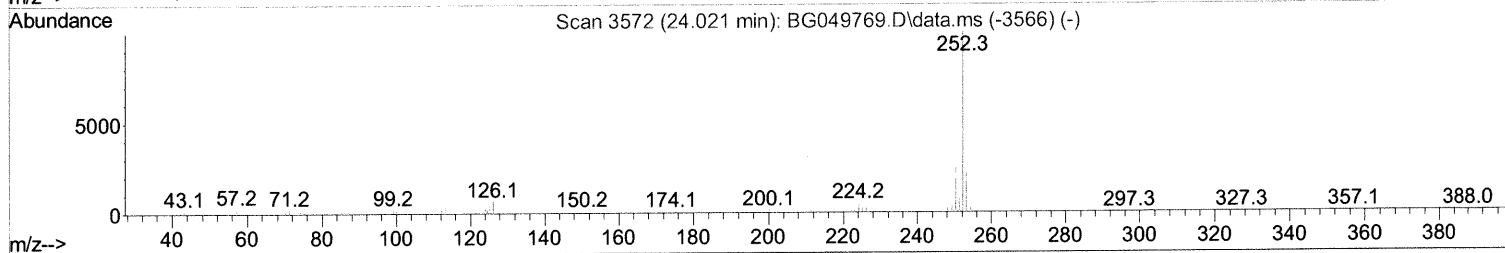
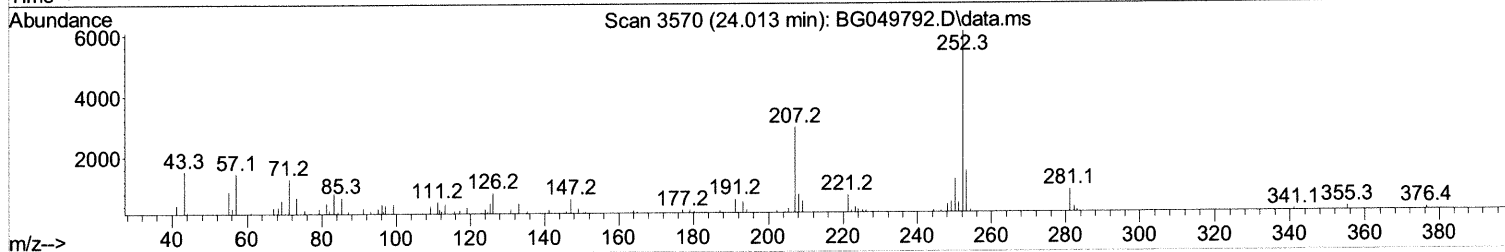
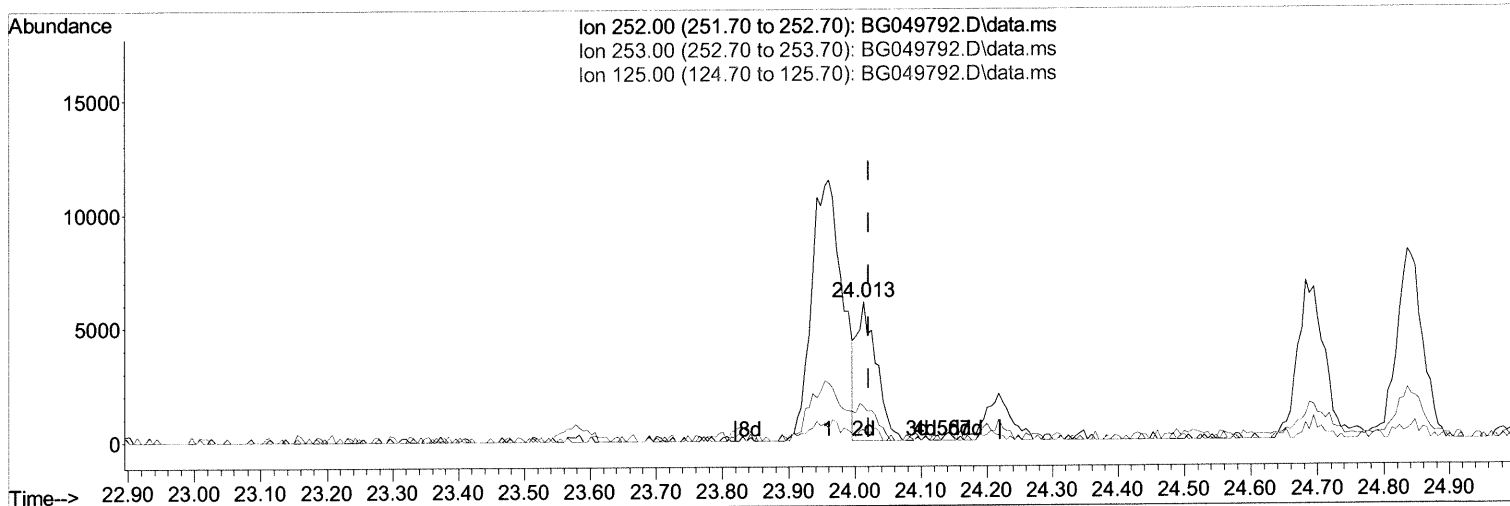
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(91) Benzo(k)fluoranthene

24.013min (-0.008) 1.17 ng/ul m

response 12571

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.84
125.00	4.80	7.93#
0.00	0.00	0.00

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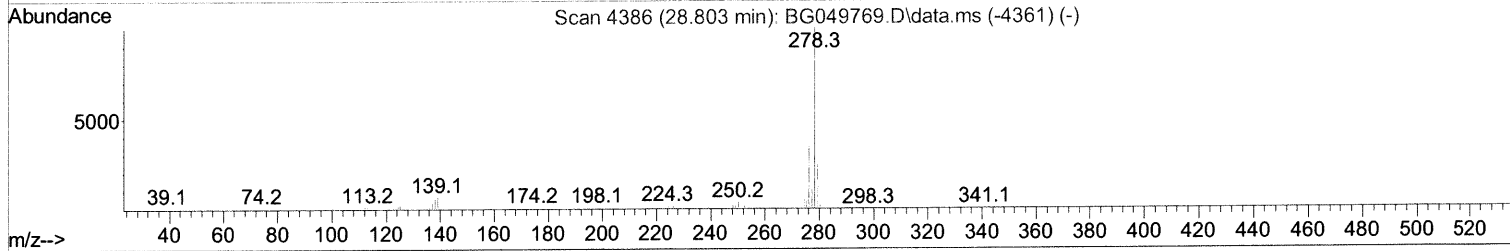
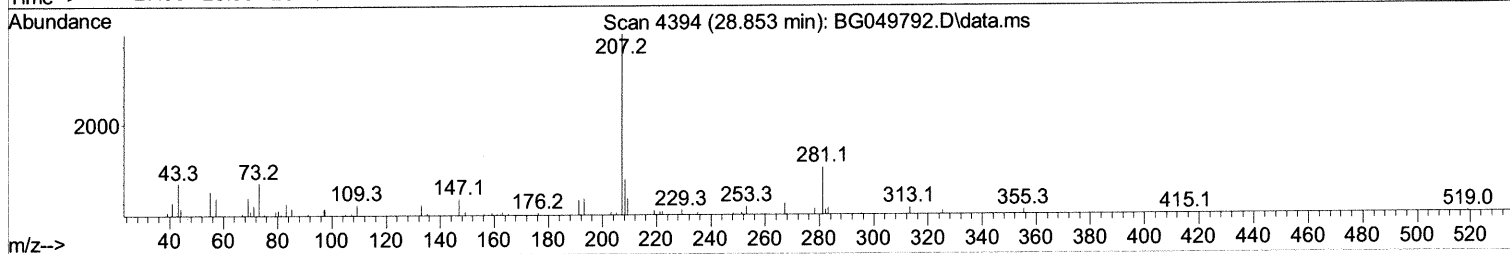
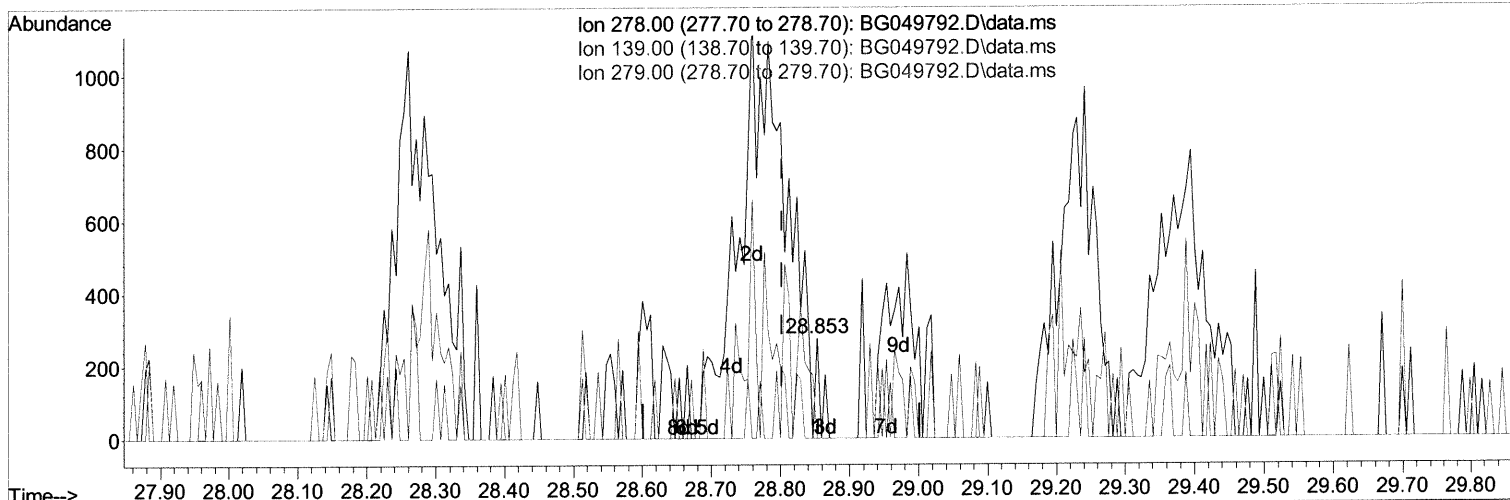
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(95) Dibenzo(a,h)anthracene

28.853min (+ 0.051) 0.01 ng/ul

response 97

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	0.00#
0.00	0.00	0.00

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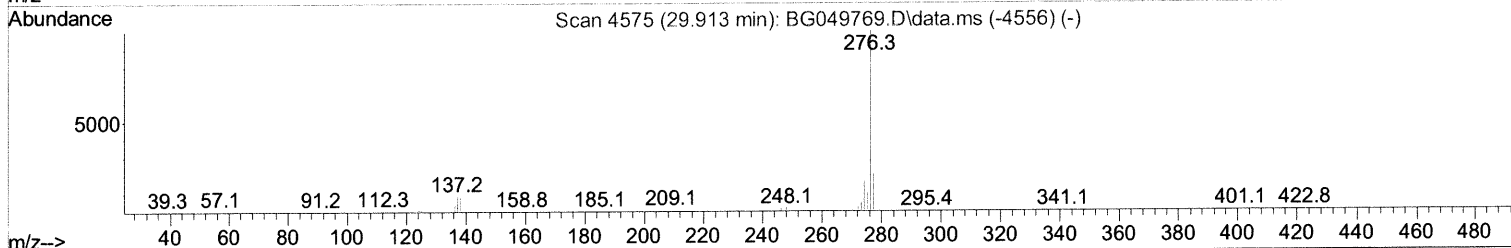
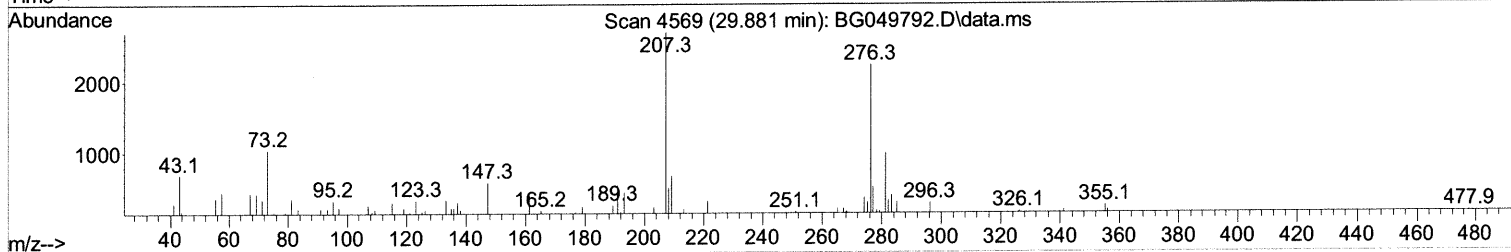
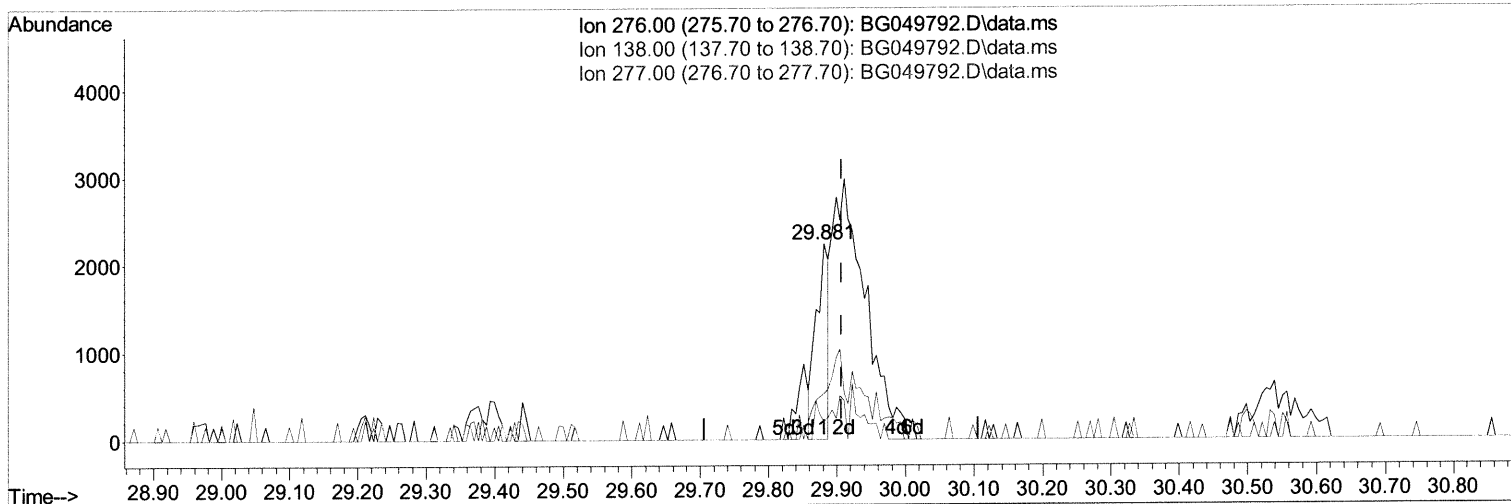
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TIC: BG049792.D\data.ms

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

29.881min (-0.025) 0.28 ng/ul

response 2894

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	9.27
277.00	24.40	23.38
0.00	0.00	0.00

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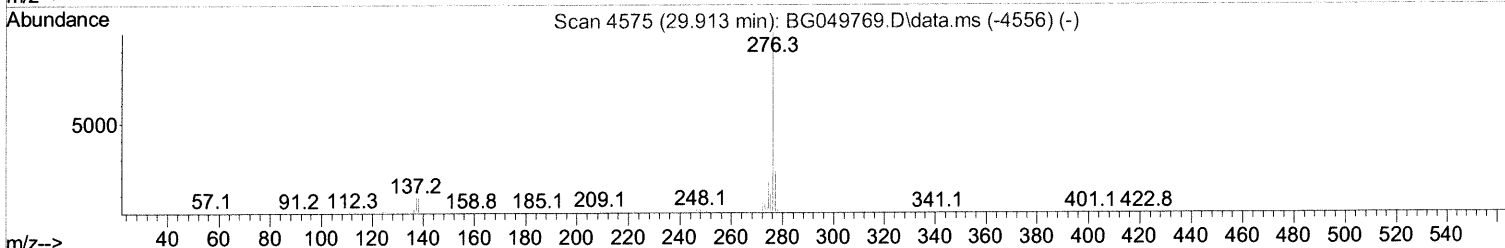
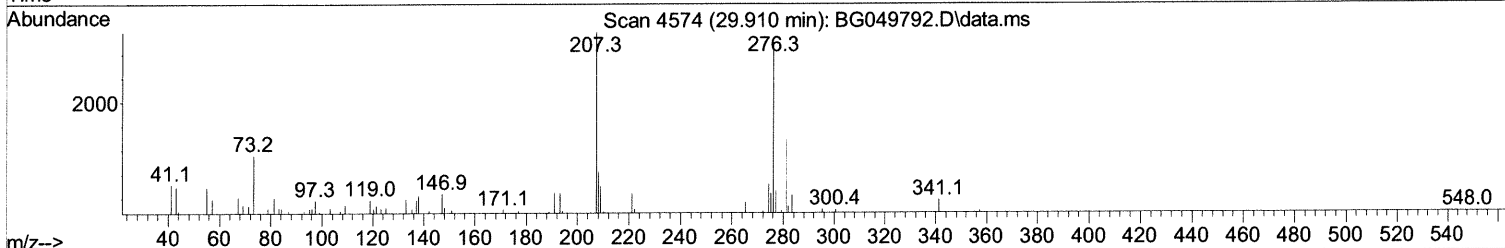
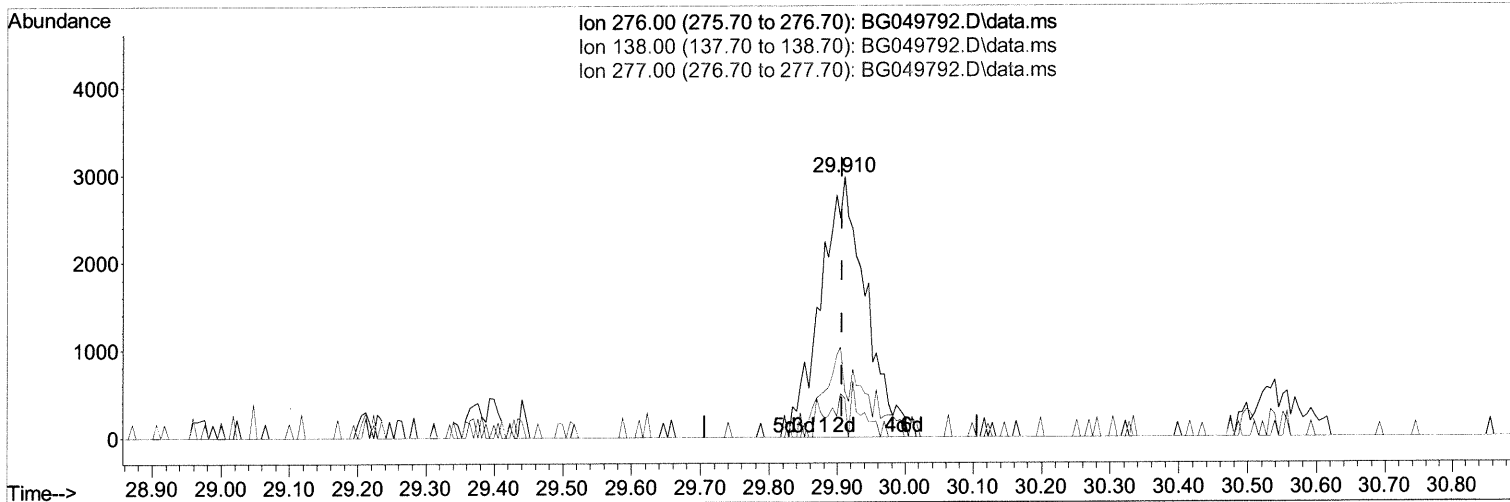
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(96) Benzo(g,h,i)perylene

29.910min (+ 0.004) 1.30 ng/ul m

response 13564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	14.76#
277.00	24.40	17.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

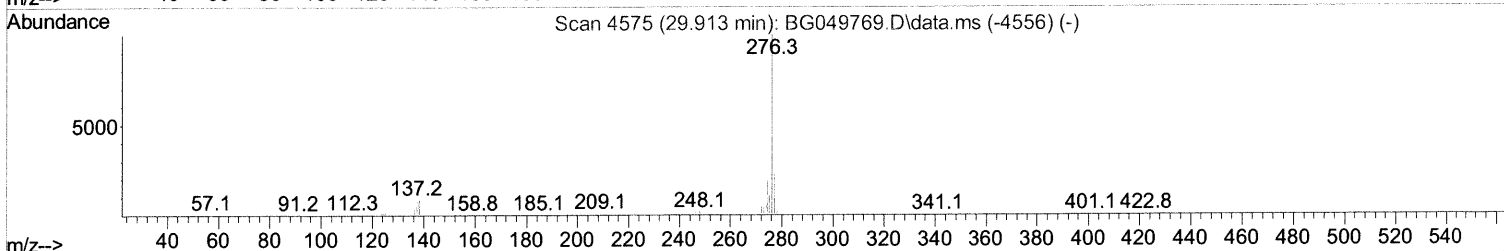
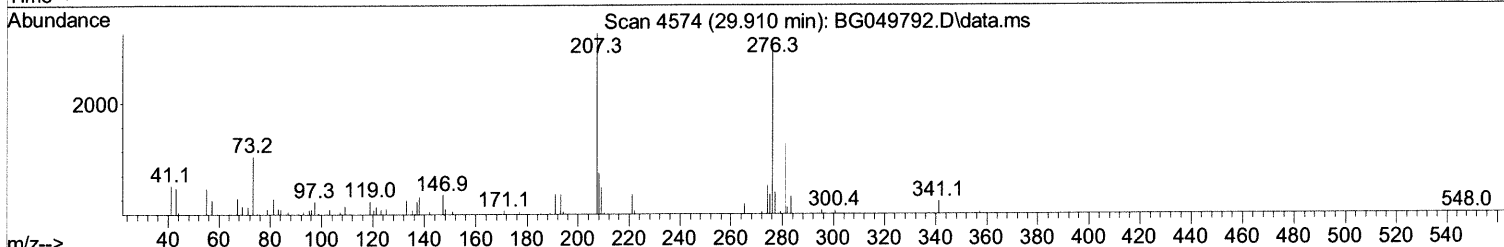
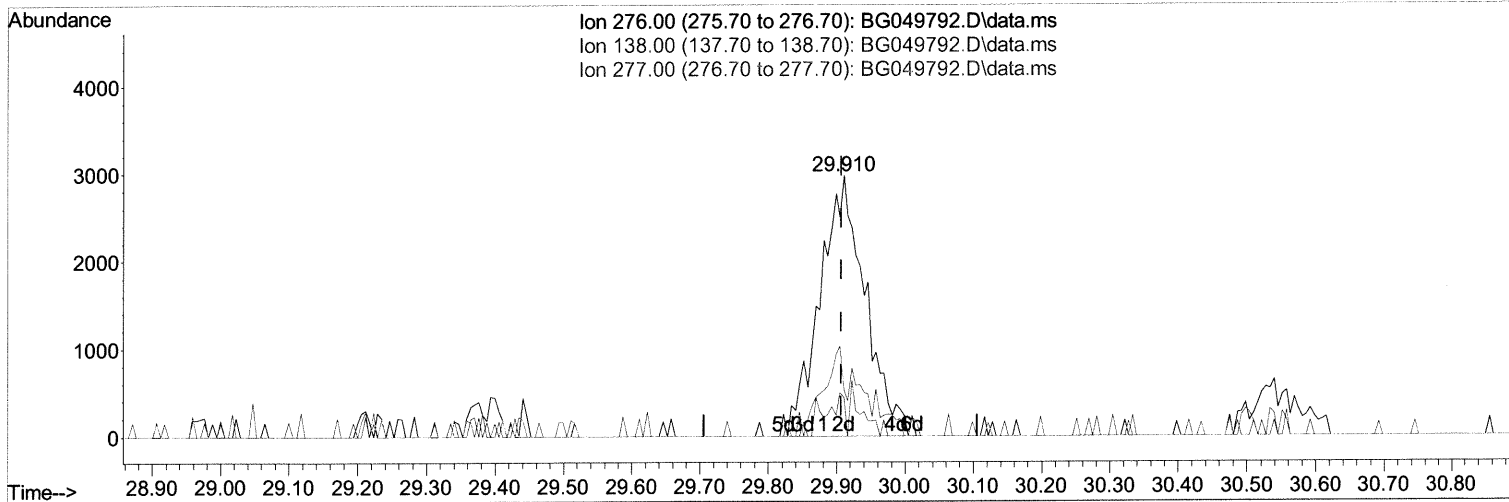
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049792.D
Acq On : 11 Aug 2021 16:52
Operator : CG/JU
Sample : M3287-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB10

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:31 PM

Quant Time: Aug 11 17:41:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049792.D\data.ms

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

29.910min (+ 0.004) 1.30 ng/ul m

response 13564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	14.76#
277.00	24.40	17.58#
0.00	0.00	0.00

JU 8/19/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049792.D
 Acq On : 11 Aug 2021 16:52
 Operator : CG/JU
 Sample : M3287-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BGB10

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:34:31 PM

Quant Time: Aug 11 17:41:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	28546	20.000	ng/ul	0.00
20) Naphthalene-d8	10.860	136	124983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.684	164	87491	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	180414m	20.000	ng/ul	0.00
79) Chrysene-d12	21.722	240	162431	20.000	ng/ul	0.00
88) Perylene-d12	24.999	264	166140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	2471m	4.047	ng/ul	0.02
4) Pyridine-d5	3.852	84	19502m	10.644	ng/ul	0.00
7) Phenol-d5	7.200	99	39593	15.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.353	67	23390	15.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	31590	17.037	ng/ul	0.00
15) 4-Methylphenol-d8	8.745	113	32542	16.474	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	17361	17.634	ng/ul	0.00
24) 2-Nitrophenol-d4	9.932	143	20403	18.147	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.478	165	34372	16.213	ng/ul	0.00
31) 4-Chloroaniline-d4	10.995	131	42332	14.586	ng/ul	0.00
46) Dimethylphthalate-d6	14.085	166	121295	17.666	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	143962	17.624	ng/ul	0.00
54) 4-Nitrophenol-d4	14.896	143	13143	11.840	ng/ul	0.00
60) Fluorene-d10	15.677	176	103844	17.595	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	15521m	12.782	ng/ul	0.00
73) Anthracene-d10	17.539	188	151069	17.739	ng/ul	0.00
81) Pyrene-d10	19.824	212	173999	19.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.770	264	168031	18.458	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.480	178	19194	2.010	ng/ul	96
80) Fluoranthene	19.495	202	39462	3.573	ng/ul	98
82) Pyrene	19.854	202	41064	3.728	ng/ul#	96
85) Benzo(a)anthracene	21.704	228	24580	2.305	ng/ul#	89
87) Chrysene	21.769	228	25898	2.600	ng/ul#	88
90) Benzo(b)fluoranthene	23.960	252	36653	3.375	ng/ul	100
91) Benzo(k)fluoranthene	24.013	252	12571m	1.166	ng/ul	99
93) Benzo(a)pyrene	24.835	252	22054	2.307	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.747	276	15939	1.271	ng/ul#	90
96) Benzo(g,h,i)perylene	29.910	276	13564m	1.300	ng/ul	90

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