

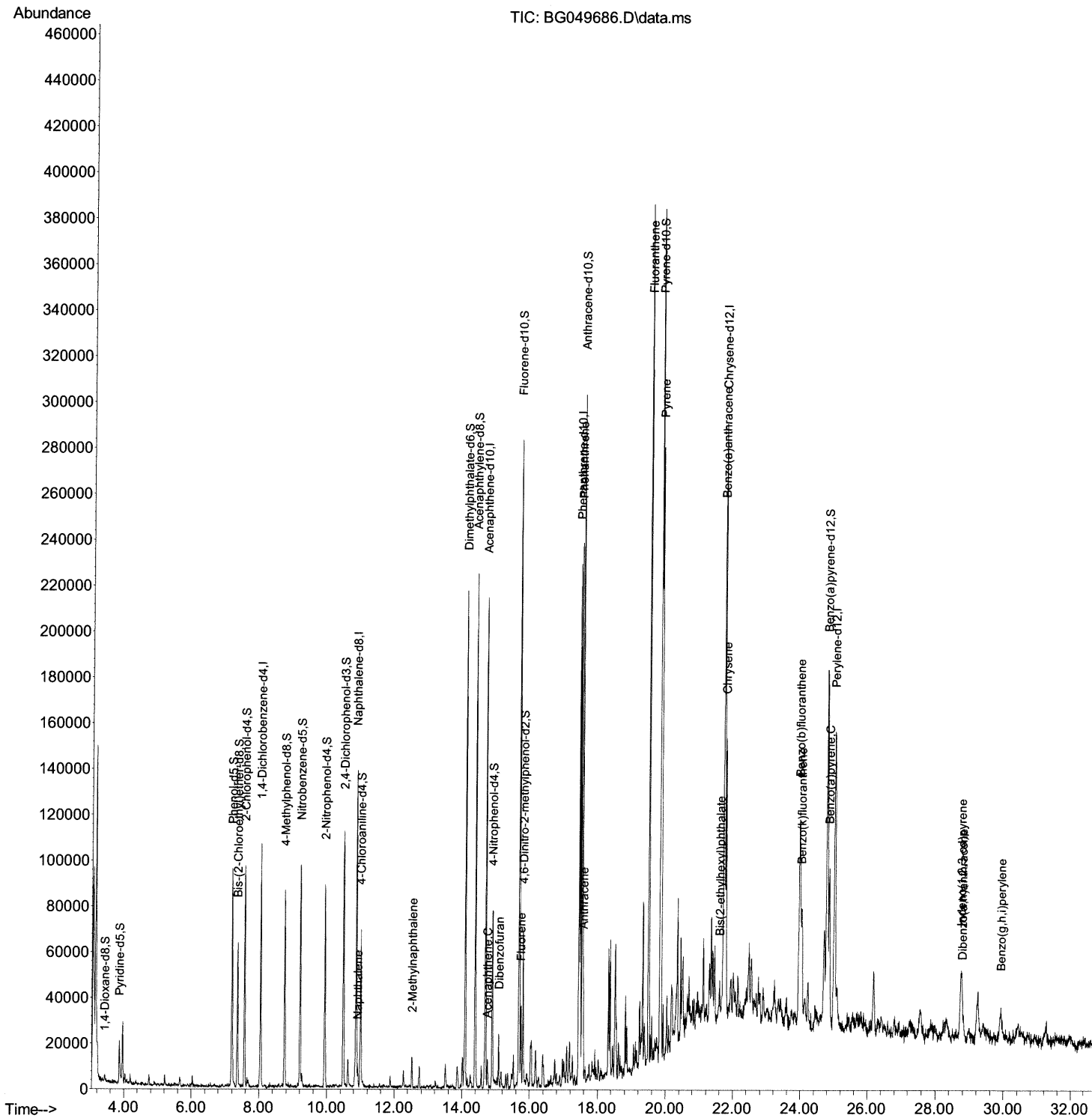
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049686.D
Acq On : 6 Aug 2021 21:54
Operator : CG/JU
Sample : M3124-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0097

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:39 PM

Quant Time: Aug 06 23:36:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

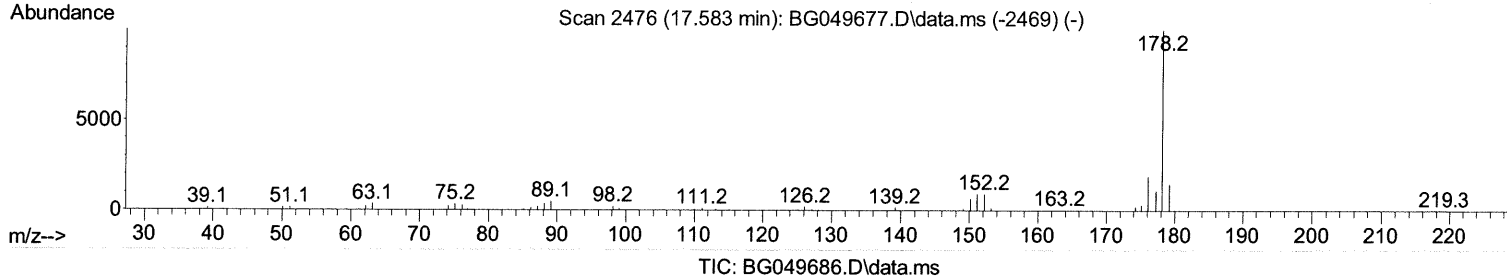
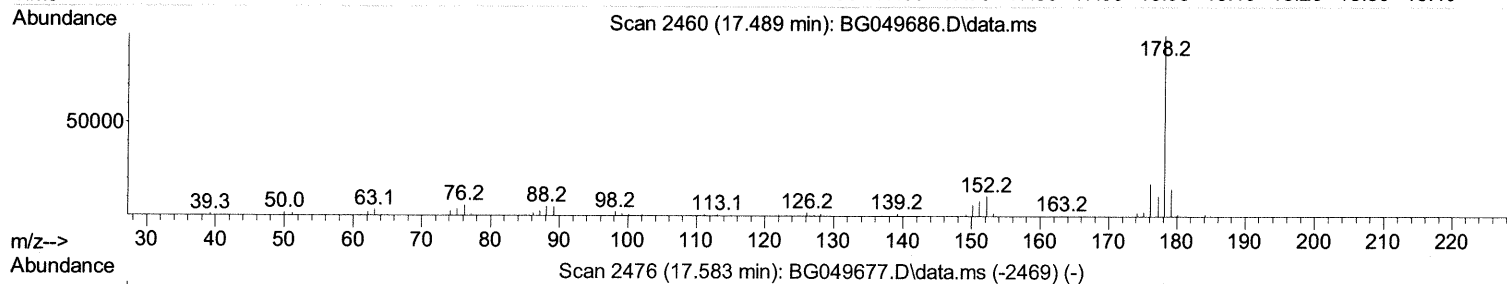
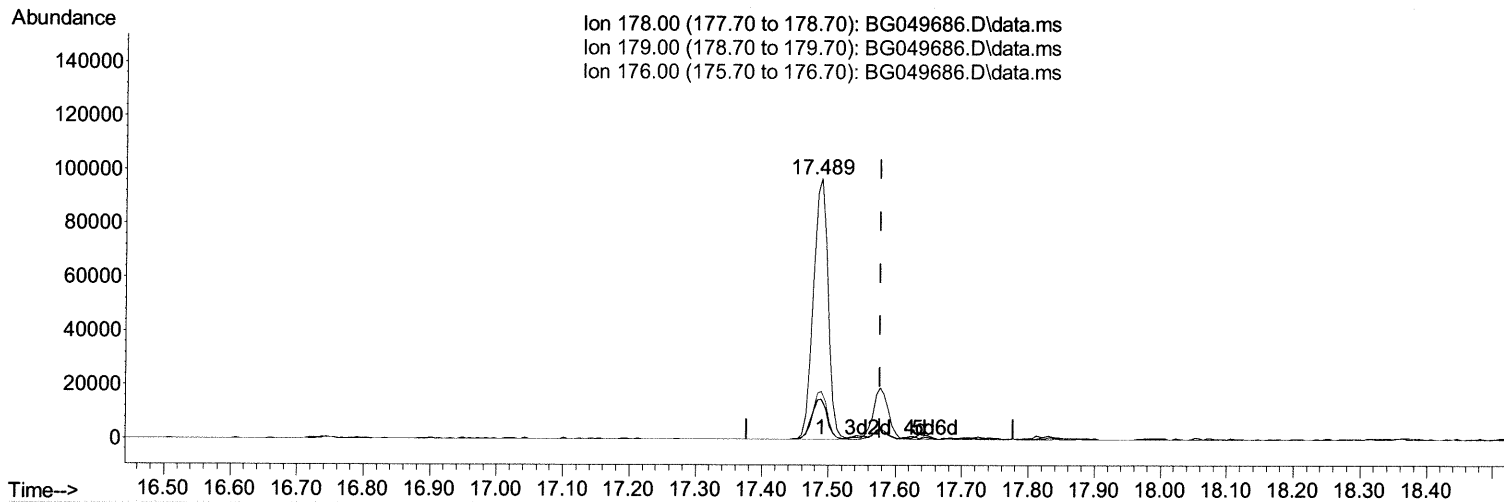
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TIC: BG049686.D\data.ms

(74) Anthracene

17.489min (-0.088) 20.42 ng/u1

response 147560

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	15.32
176.00	18.20	18.18
0.00	0.00	0.00

Quantitation Report (Qedit)

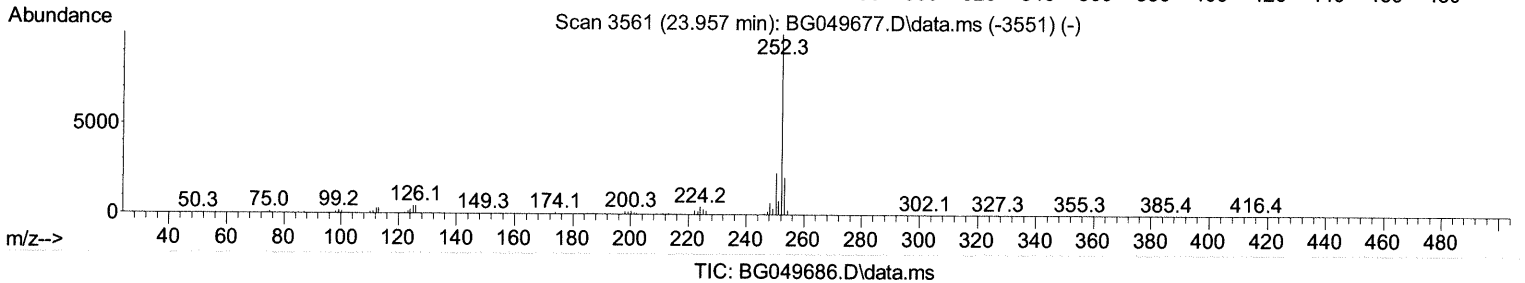
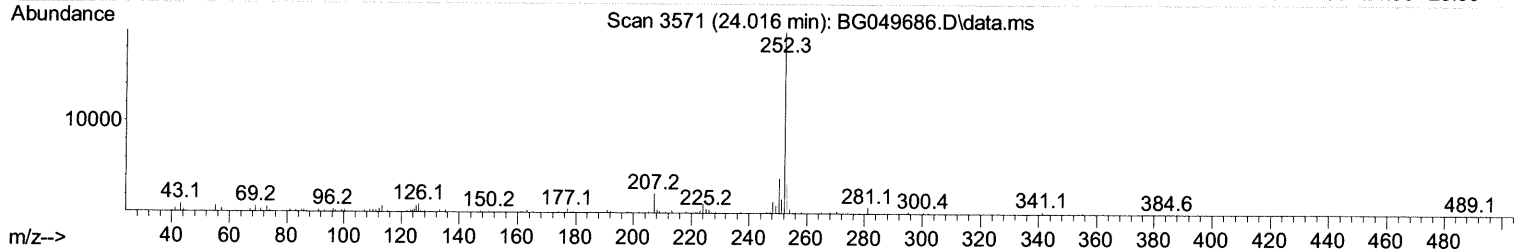
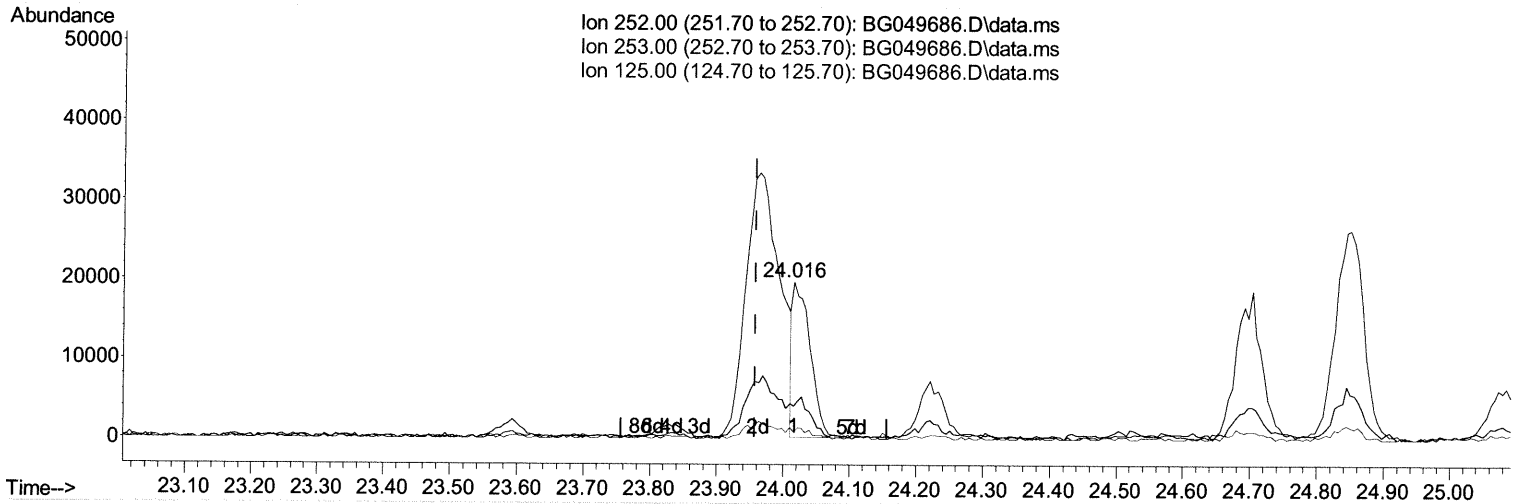
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(90) Benzo(b)fluoranthene

24.016min (+ 0.059) 4.26 ng/ul

response 35925

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	20.46
125.00	4.60	4.18
0.00	0.00	0.00

Quantitation Report (Qedit)

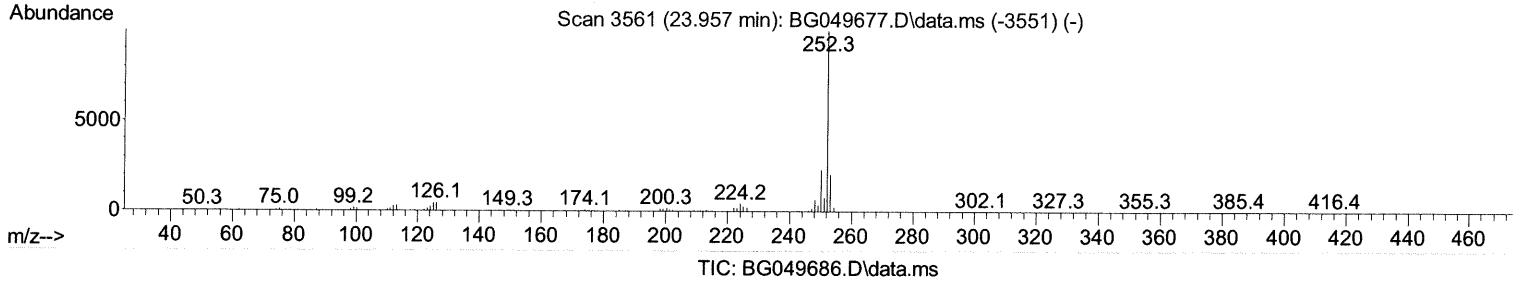
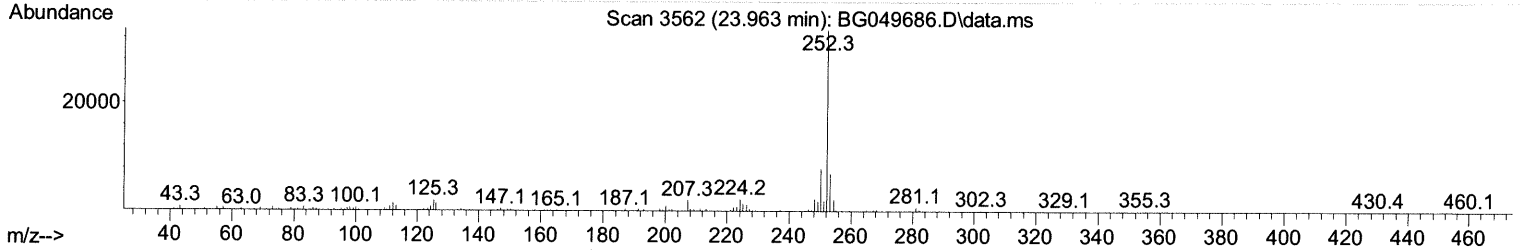
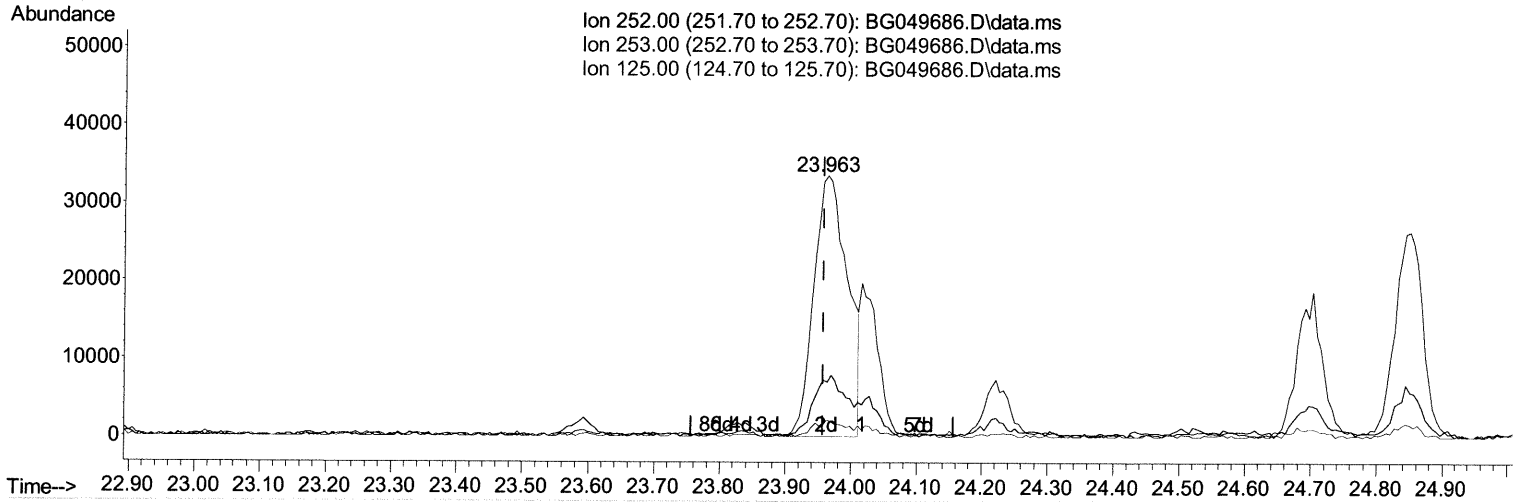
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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Manual Integrations
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(90) Benzo(b)fluoranthene

23.963min (+ 0.006) 14.21 ng/ul m 08/11/21 JU

response 119728

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	20.89
125.00	4.60	6.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

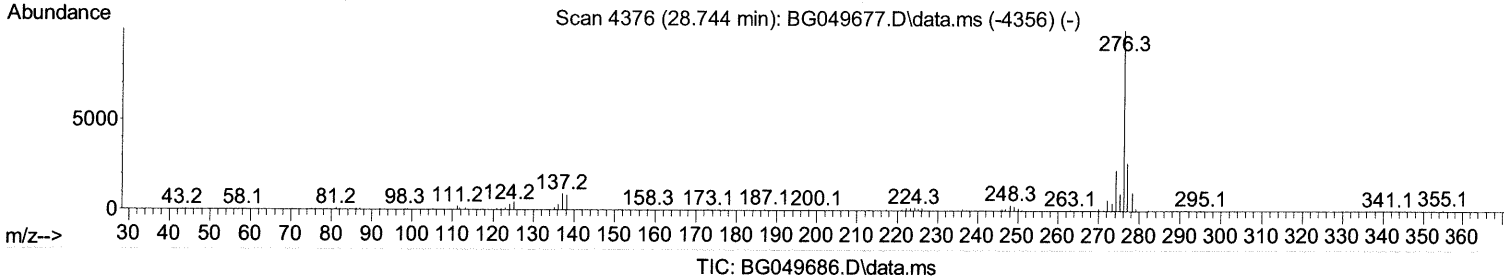
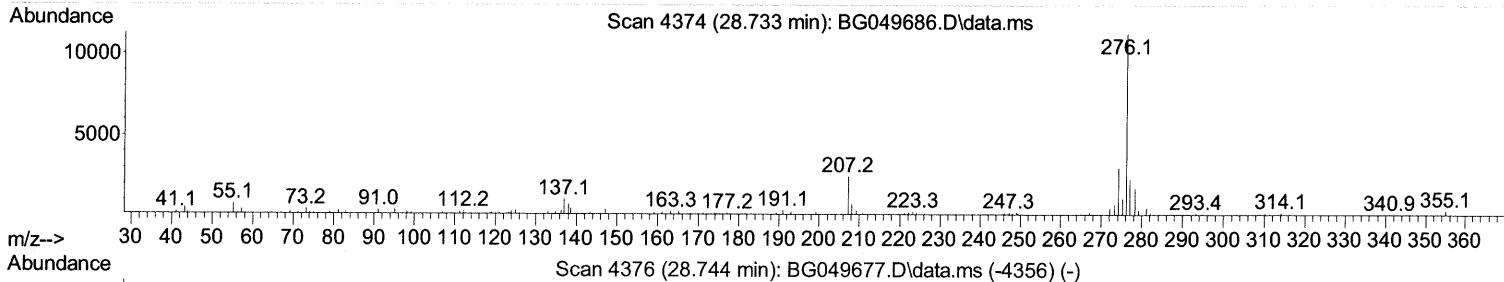
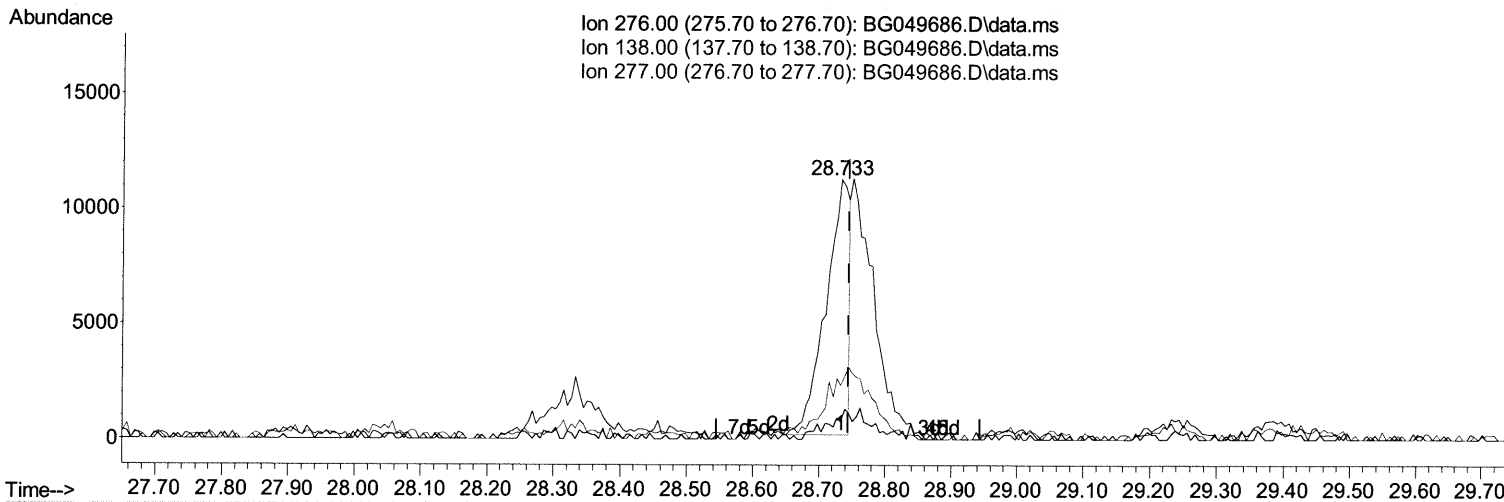
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(94) Indeno(1,2,3-cd)pyrene

28.733min (-0.012) 2.83 ng/u1

response 27536

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	6.80
277.00	24.30	20.73
0.00	0.00	0.00

Quantitation Report (Qedit)

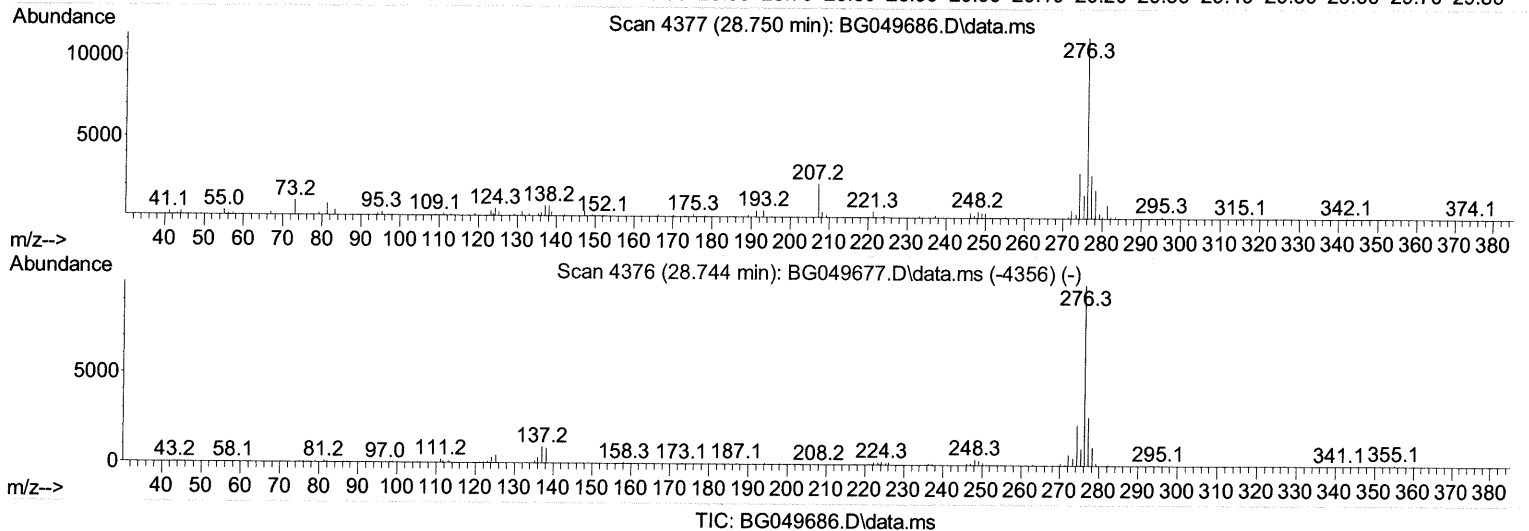
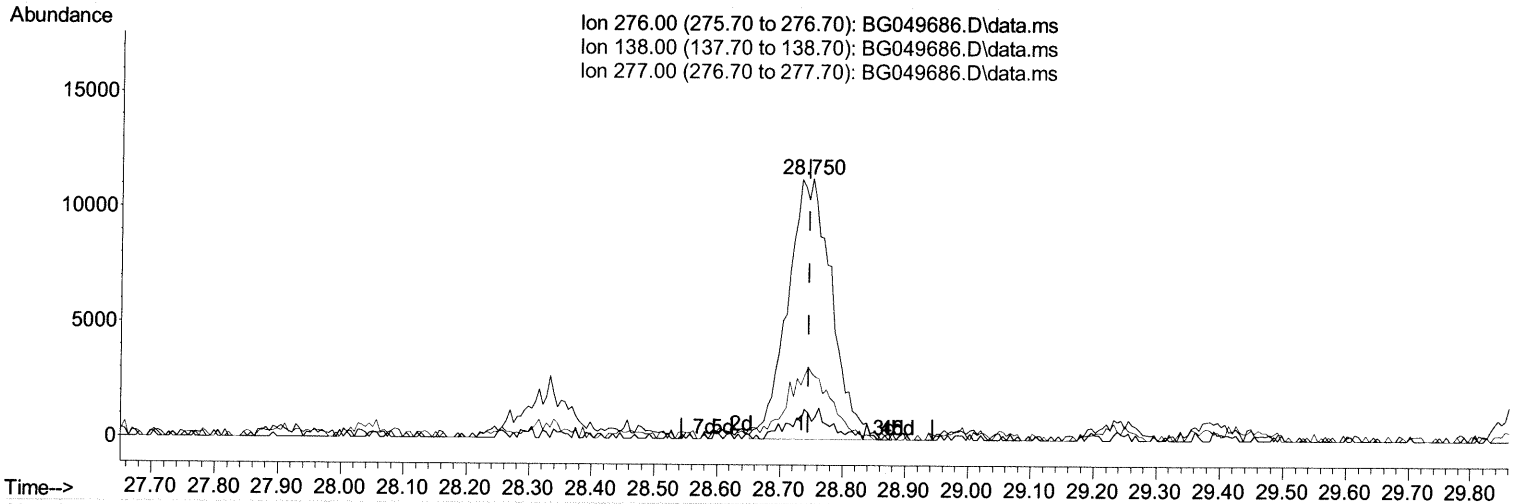
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049686.D
Acq On : 6 Aug 2021 21:54
Operator : CG/JU
Sample : M3124-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0097

Manual Integrations
APPROVED

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

28.750min (+ 0.006) 5.67 ng/ul m 08/11/21 JU

response 55216

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	6.70
277.00	24.30	25.11
0.00	0.00	0.00

Quantitation Report (Qedit)

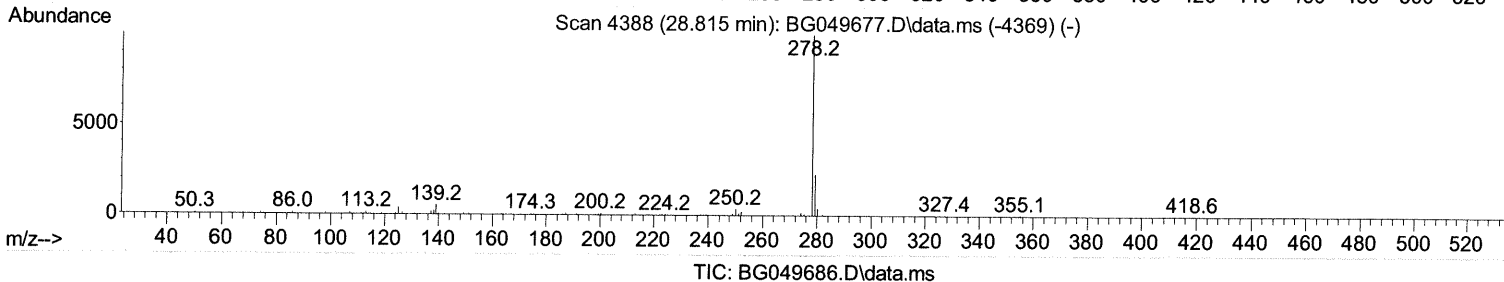
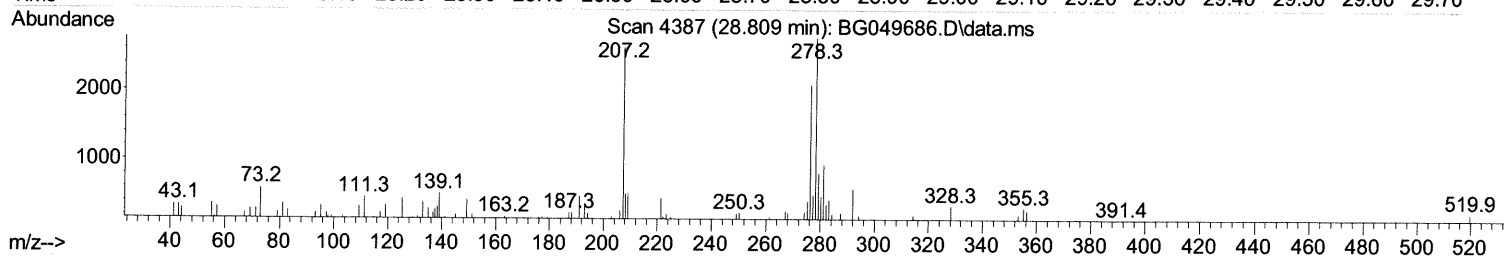
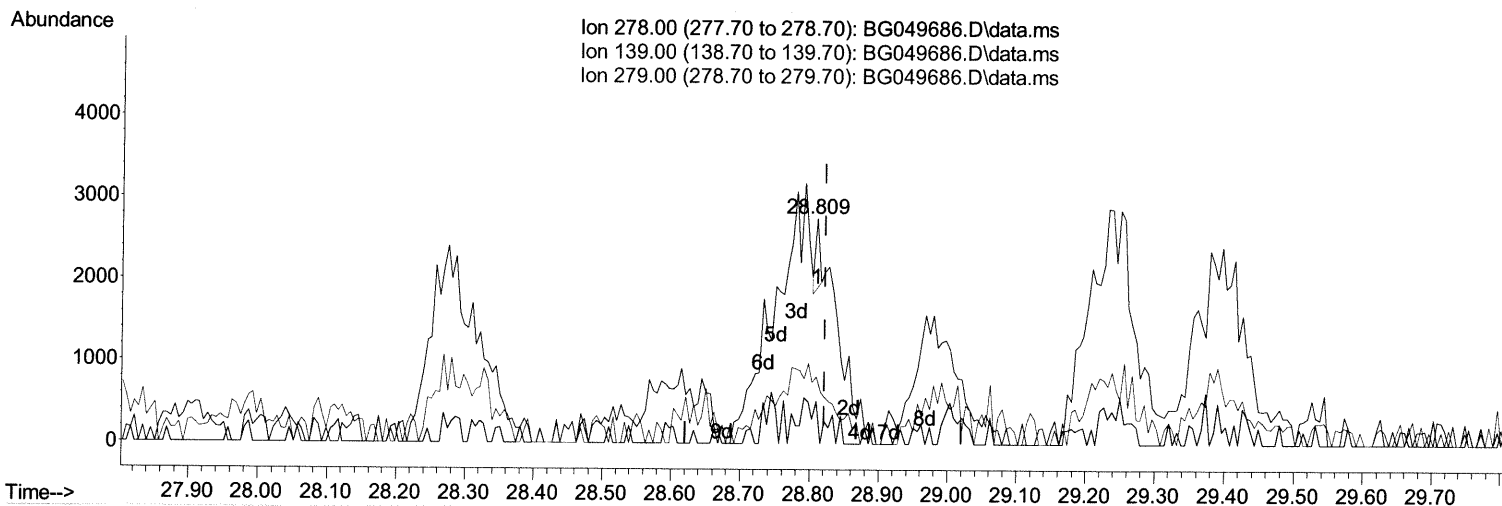
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Sample : M3124-16
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(95) Dibenzo(a,h)anthracene

28.809min (-0.012) 0.04 ng/ul

response 326

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	18.56#
279.00	23.60	29.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

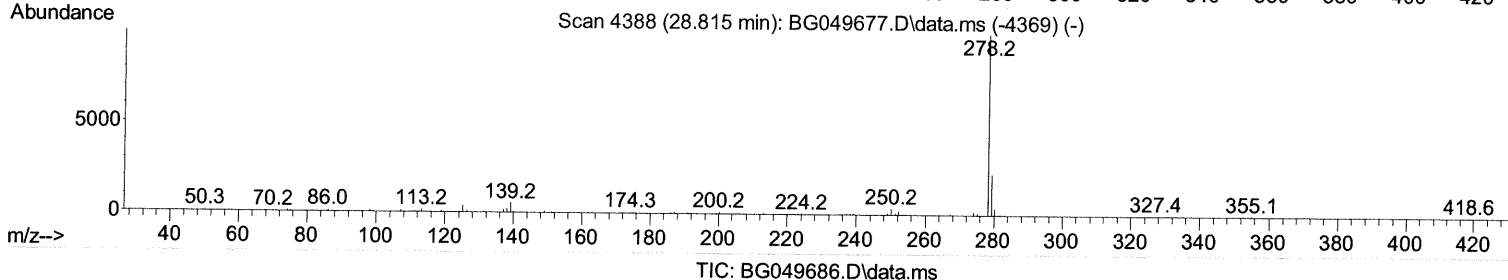
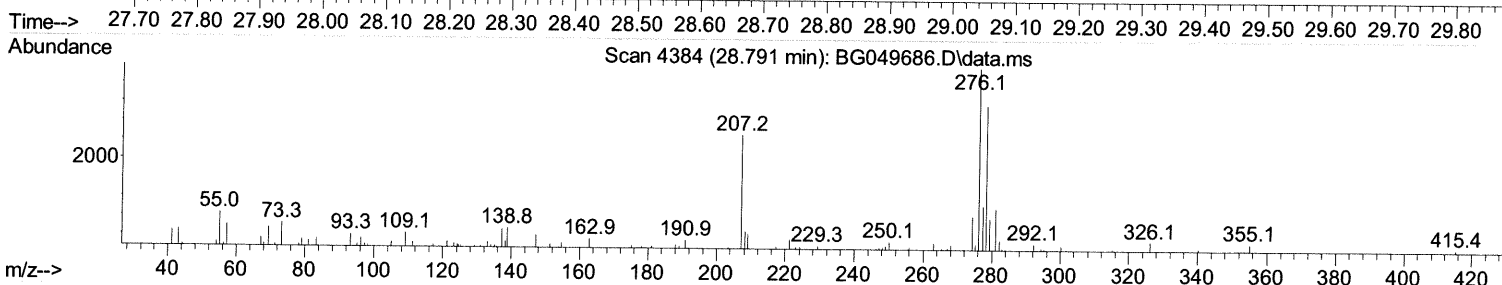
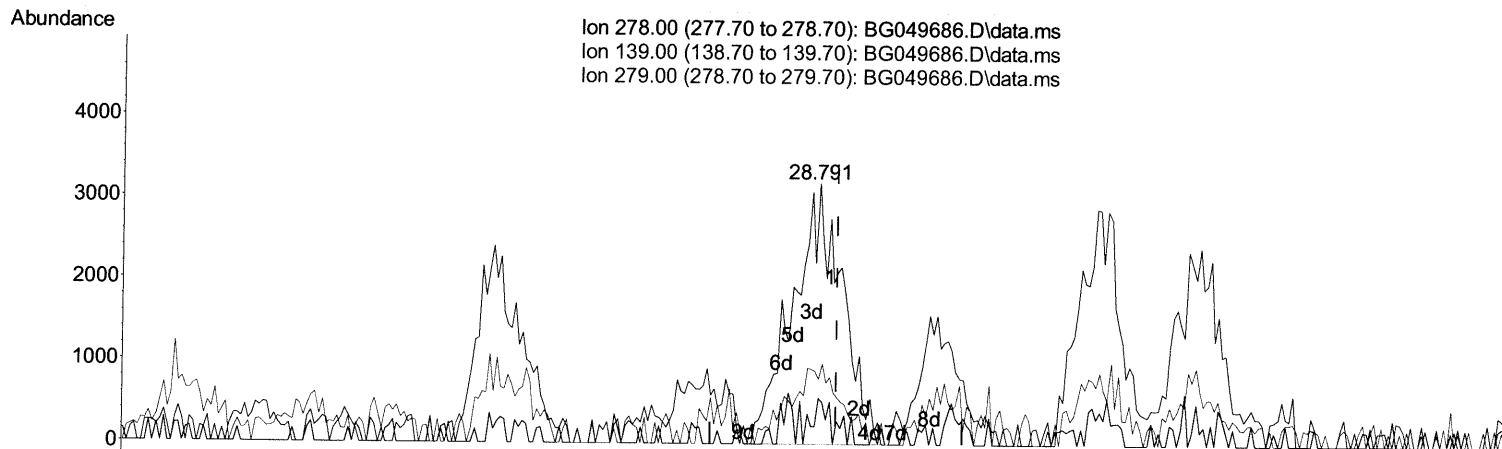
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Manual Integrations
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(95) Dibenzo(a,h)anthracene

28.791min (-0.029) 2.11 ng/ul m 08/11/2021

response 17155

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	17.60#
279.00	23.60	25.00
0.00	0.00	0.00

Quantitation Report (Qedit)

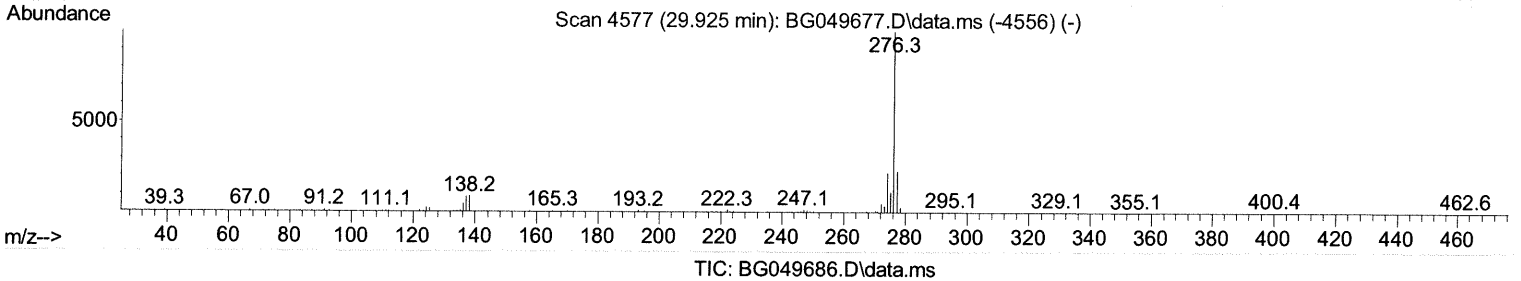
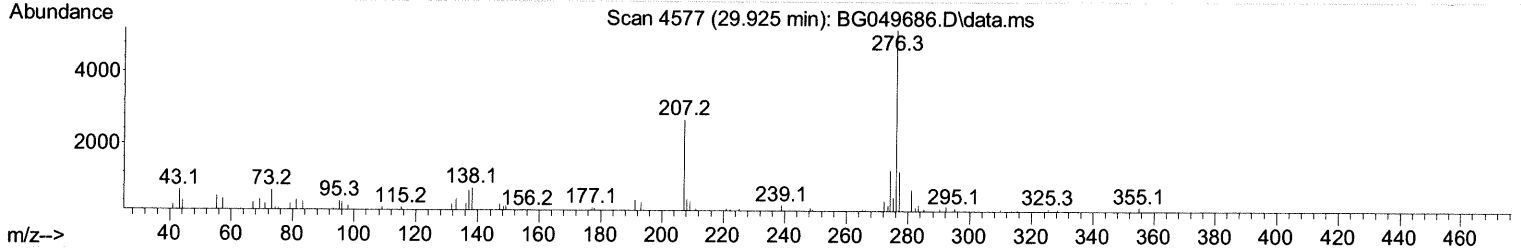
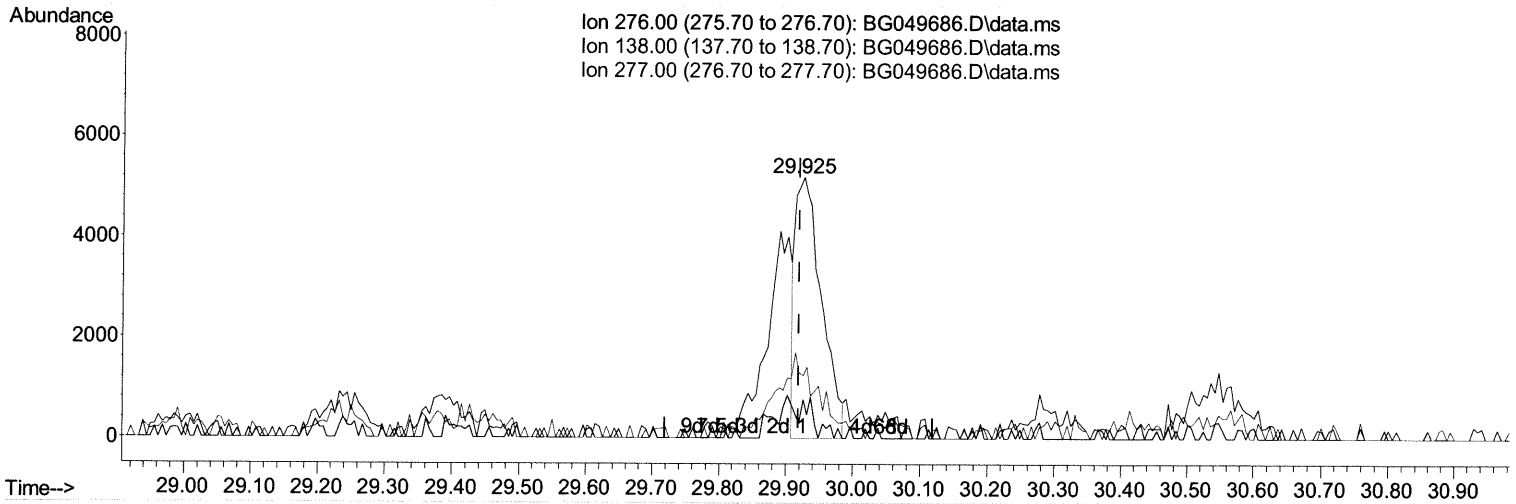
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 Sample : M3124-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0097

Manual Integrations
 APPROVED

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 8/9/2021 12:09:39 PM

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TIC: BG049686.D\data.ms

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

29.925min (+ 0.006) 1.74 ng/ul

response 14043

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	14.78#
277.00	24.40	23.91
0.00	0.00	0.00

Quantitation Report (Qedit)

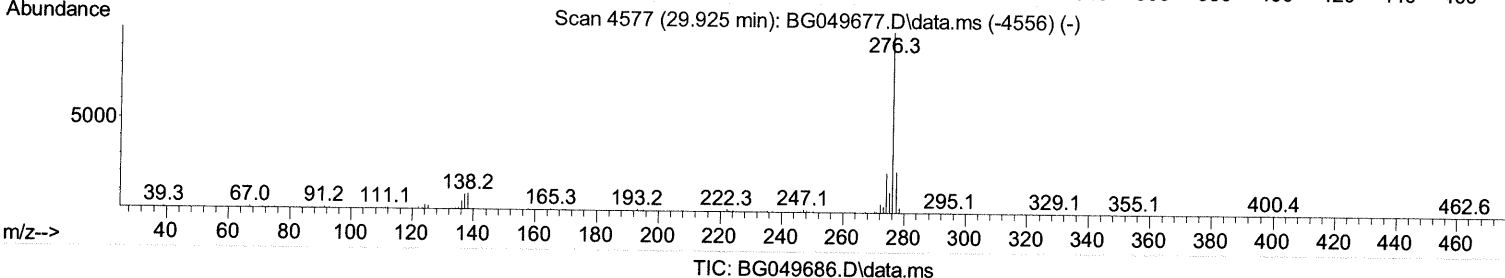
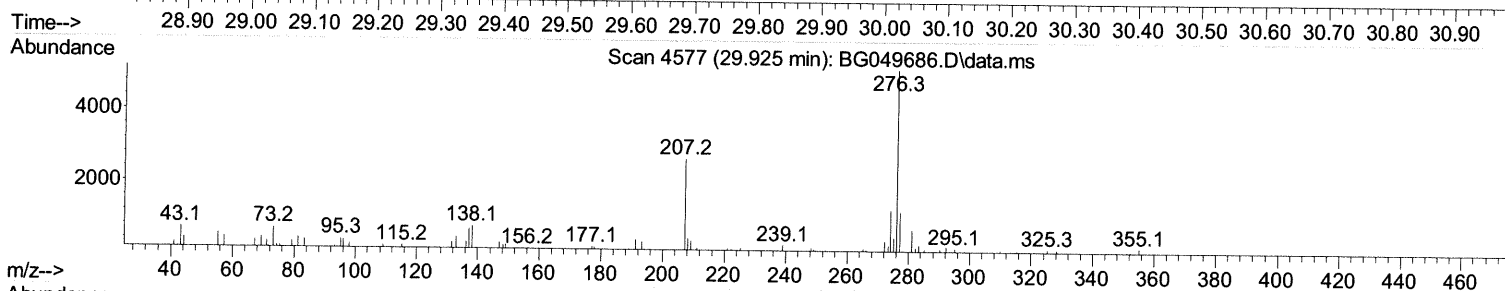
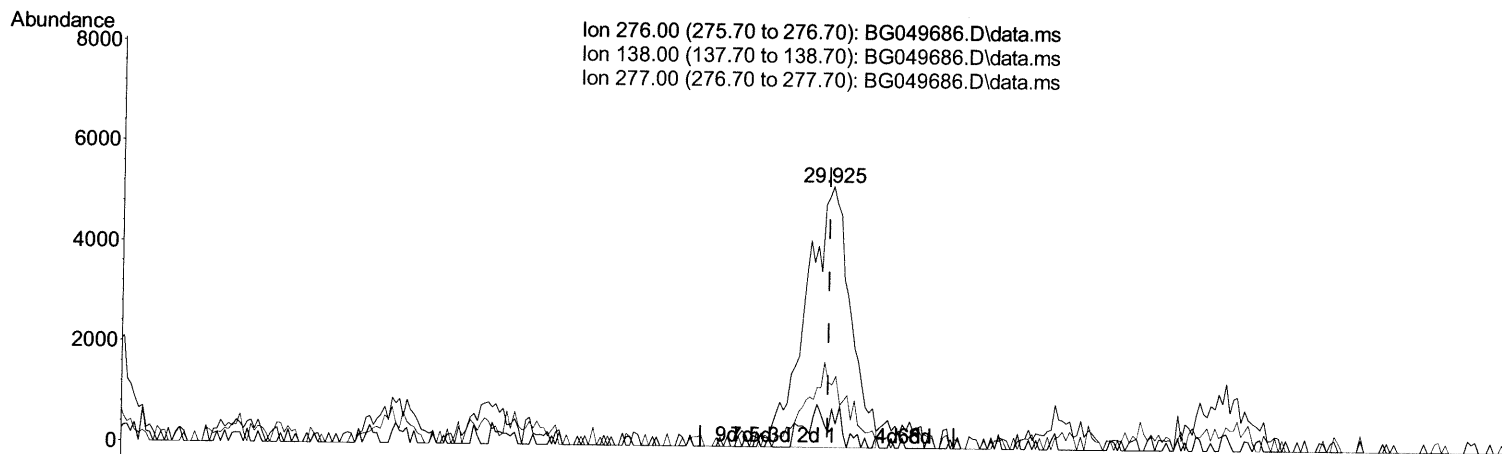
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 ALS Vial : 19 Sample Multiplier: 1

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

29.925min (+ 0.006) 3.11 ng/ul m 08/11/21 JU

response 25172

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	14.78#
277.00	24.40	23.91
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	8.043	152	27219	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	110526	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	71773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	136500	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	121695	20.000	ng/ul	# 0.00
88) Perylene-d12	25.002	264	128886	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	1152	1.979	ng/ul	0.00
4) Pyridine-d5	3.866	84	10912	6.246	ng/ul	0.02
7) Phenol-d5	7.197	99	51440	20.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	31421	22.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	39473	22.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	31019	16.469	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	20777	23.864	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	25317	25.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	41958	22.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	34572	13.470	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	134402	23.862	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	156399	23.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	17093	18.770	ng/ul	0.01
60) Fluorene-d10	15.686	176	113044	23.349	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	13753	14.970	ng/ul	0.00
73) Anthracene-d10	17.542	188	164287	25.497	ng/ul	0.00
81) Pyrene-d10	19.833	212	179706	26.801	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	177019	25.066	ng/ul	0.00

Target Compounds				Qvalue		
30) Naphthalene	10.910	128	7337	1.271	ng/ul#	95
36) 2-Methylnaphthalene	12.519	142	6580	1.489	ng/ul	100
52) Acenaphthene	14.752	153	5199	1.151	ng/ul	97
56) Dibenzofuran	15.092	168	9218	1.471	ng/ul#	68
61) Fluorene	15.739	166	13637	2.677	ng/ul	92
72) Phenanthrene	17.489	178	147560	20.424	ng/ul	98
74) Anthracene	17.577	178	29955m >	4.145	ng/ul >	08/11/21 JU
80) Fluoranthene	19.498	202	230133	27.811	ng/ul#	96
82) Pyrene	19.862	202	171833	20.819	ng/ul	98
85) Benzo(a)anthracene	21.707	228	96699	12.102	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.601	149	4616	1.002	ng/ul#	95
87) Chrysene	21.772	228	90424	12.118	ng/ul	94
90) Benzo(b)fluoranthene	23.963	252	119728m >	14.213	ng/ul >	08/11/21 JU
91) Benzo(k)fluoranthene	24.016	252	35853	4.286	ng/ul	97
93) Benzo(a)pyrene	24.850	252	77027	10.387	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	55216m }	5.674	ng/ul }	08/11/21 JU
95) Dibenzo(a,h)anthracene	28.791	278	17155m }	2.113	ng/ul }	
96) Benzo(g,h,i)perylene	29.925	276	25172m }	3.110	ng/ul }	

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