

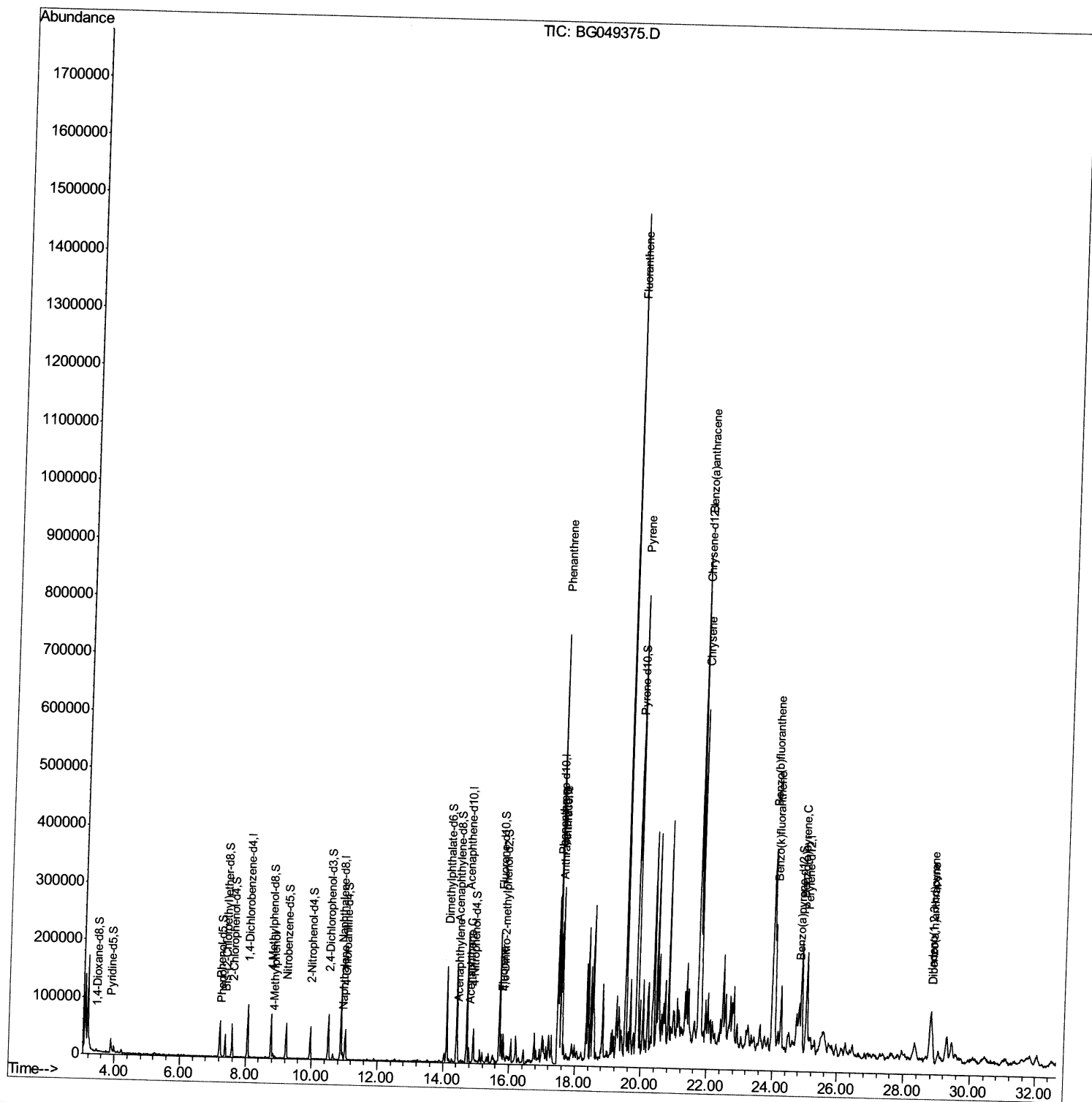
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049375.D
 Acq On : 16 Jul 2021 12:40
 Operator : CG/JU
 Sample : M2970-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGE17

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:11 AM

Quant Time: Jul 16 13:23:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 12:41:10 2021
 Response via : Initial Calibration



Quantitation Report (Qedit)

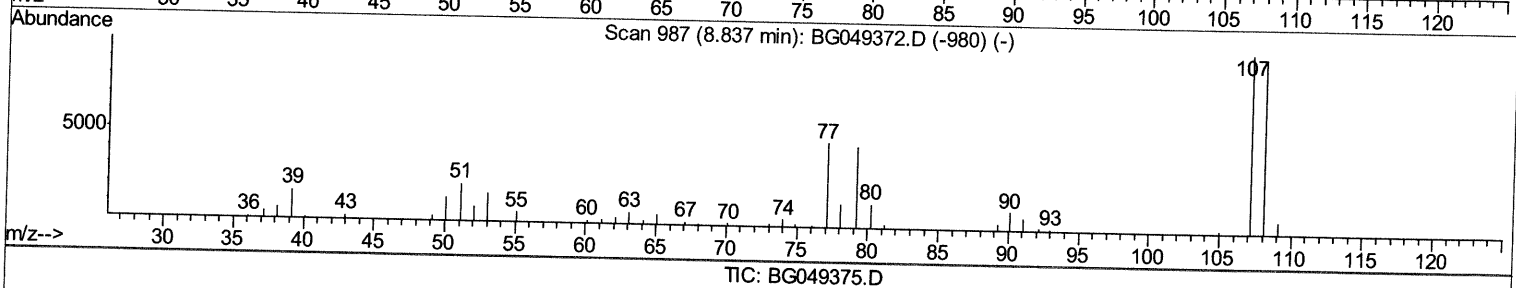
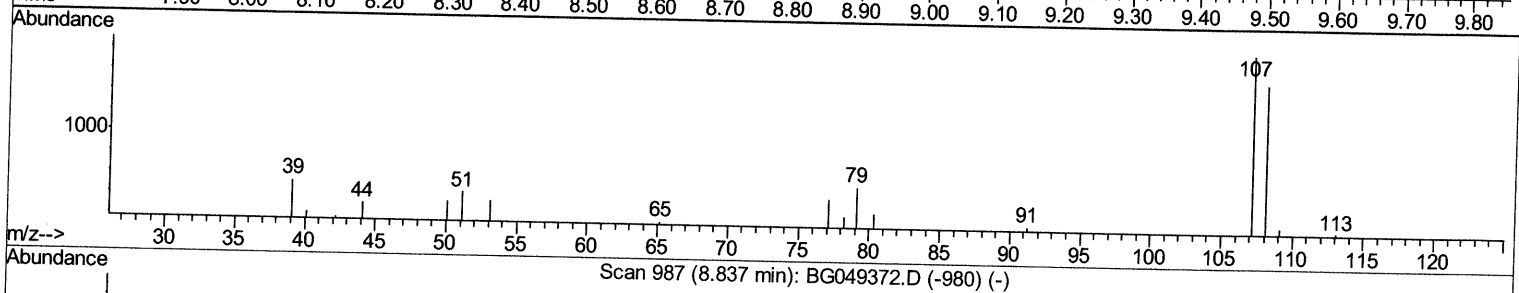
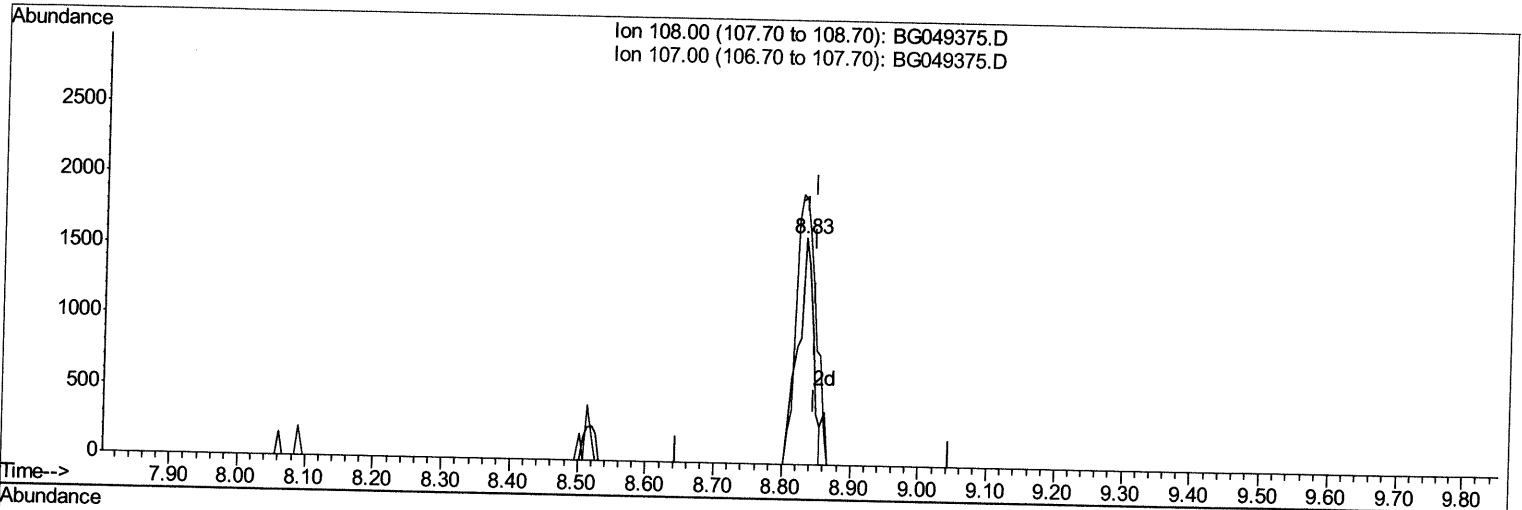
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TIC: BG049375.D

(18) 4-Methylphenol

8.831min (-0.015) 1.51ng/ul

response 2544

Ion	Exp%	Act%
108.00	100	100
107.00	105.70	117.81
0.00	0.00	0.00
0.00	0.00	0.00

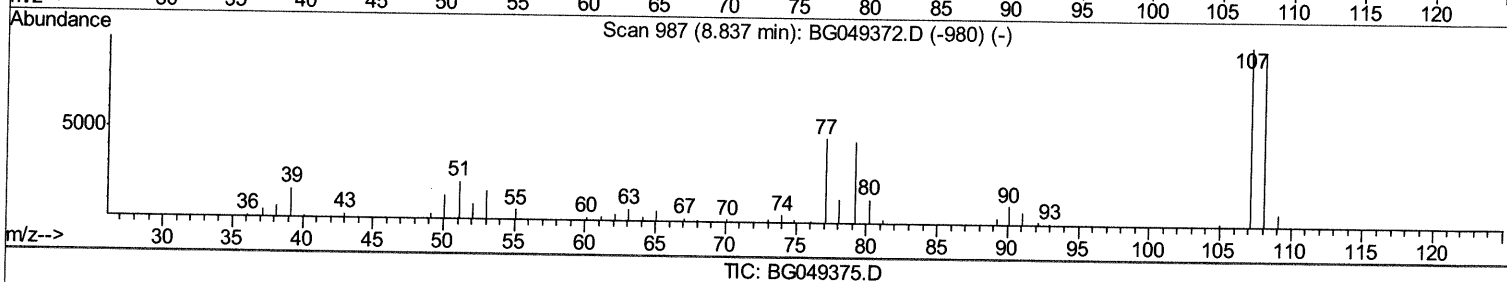
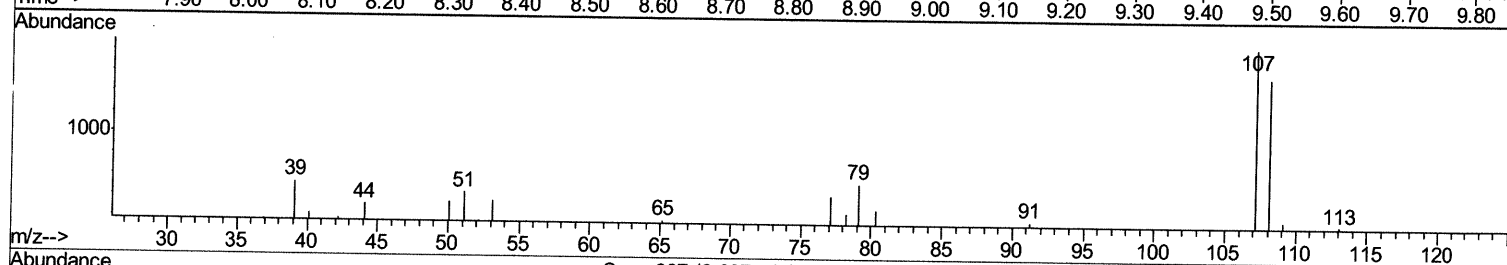
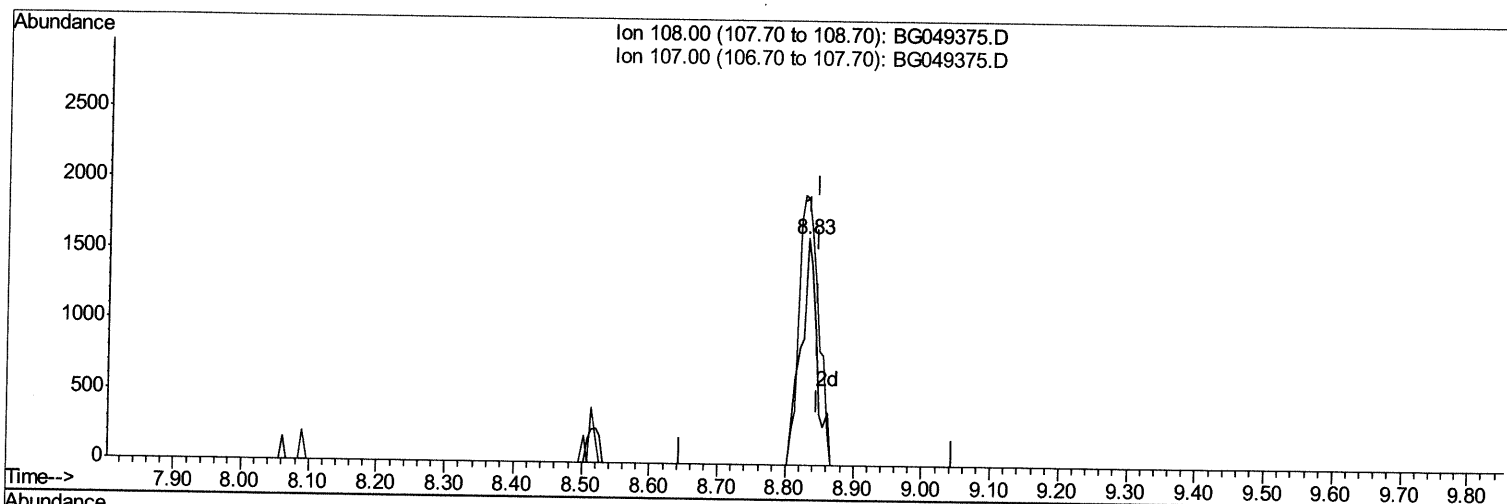
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BNA_G
ClientSampled :
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Manual Integrations
APPROVED

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(18) 4-Methylphenol

8.831min (-0.015) 1.59ng/ul m 07/22/21 JU

response 2676

Ion	Exp%	Act%
108.00	100	100
107.00	105.70	117.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

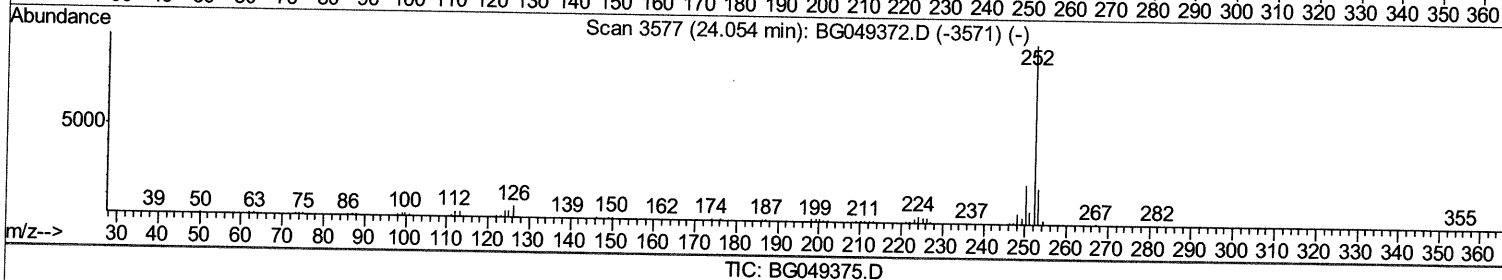
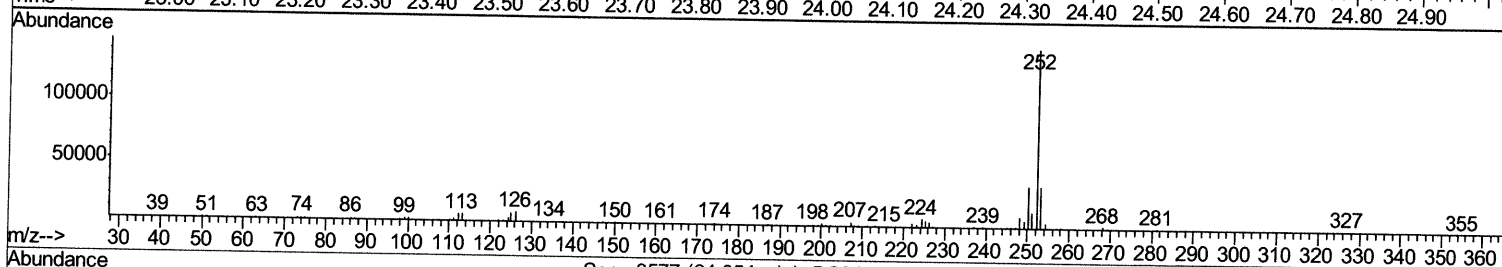
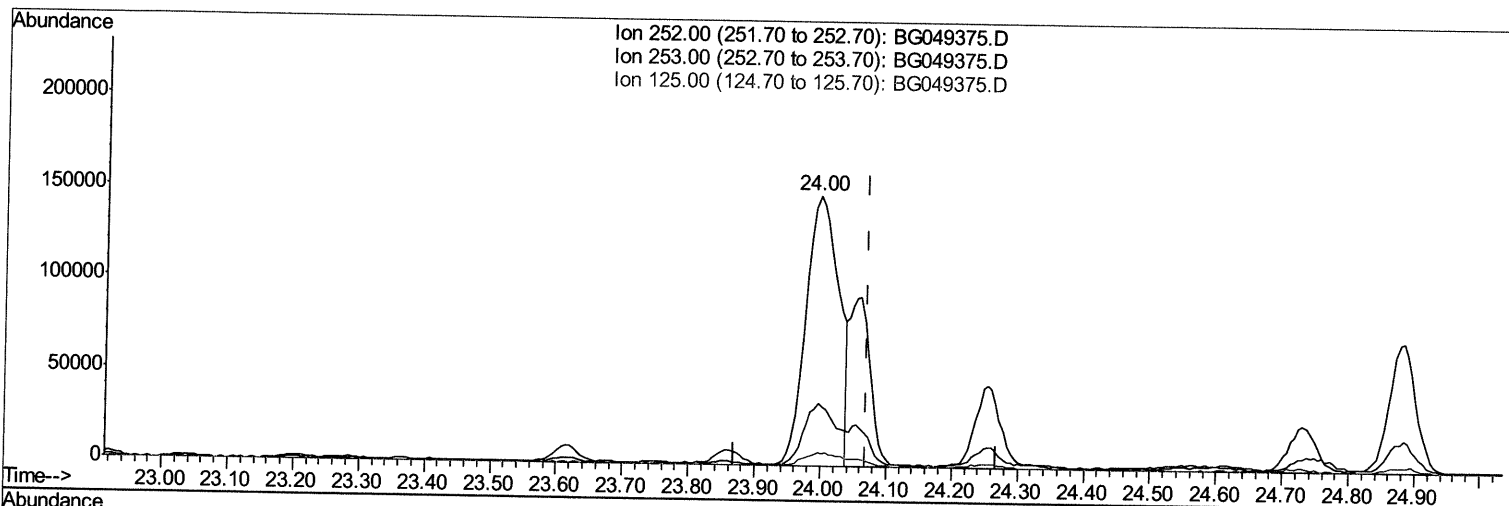
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TIC: BG049375.D

(91) Benzo(k)fluoranthene

23.996min (-0.074) 45.21ng/ul

response 511606

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	23.38
125.00	4.60	4.82
0.00	0.00	0.00

Quantitation Report (Qedit)

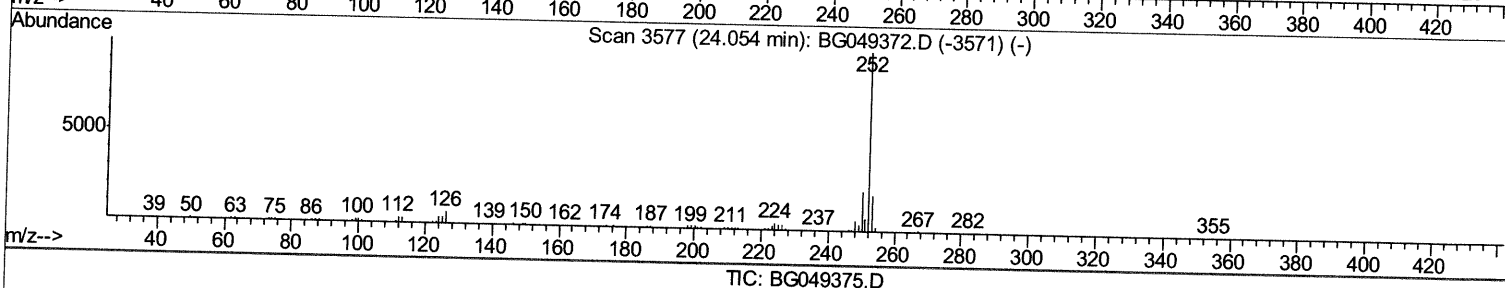
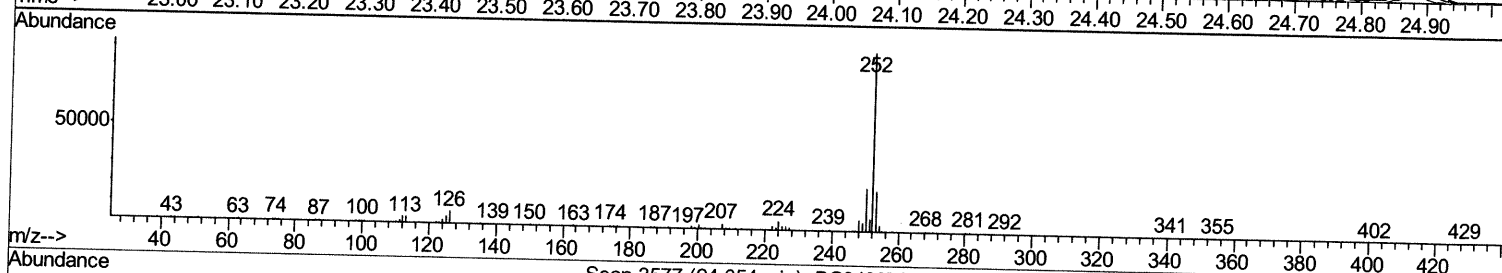
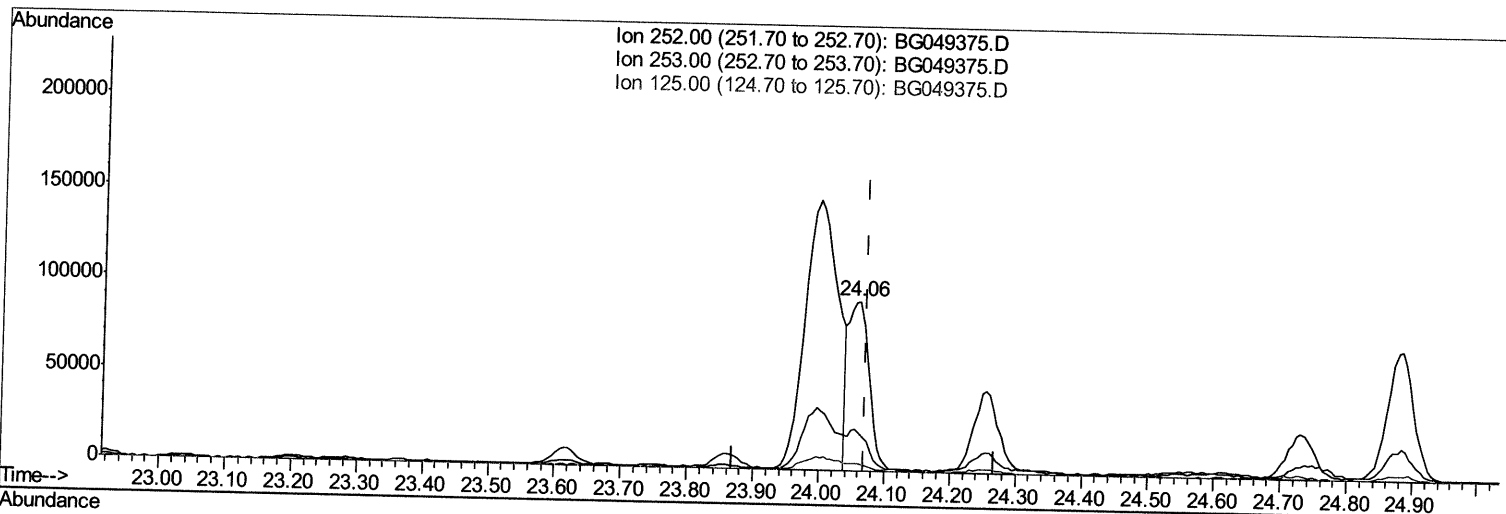
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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(91) Benzo(k)fluoranthene

24.060min (-0.009) 18.27ng/ul m 07/22/21 Ju

response 206676

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	22.64
125.00	4.60	4.16
0.00	0.00	0.00

Quantitation Report (Qedit)

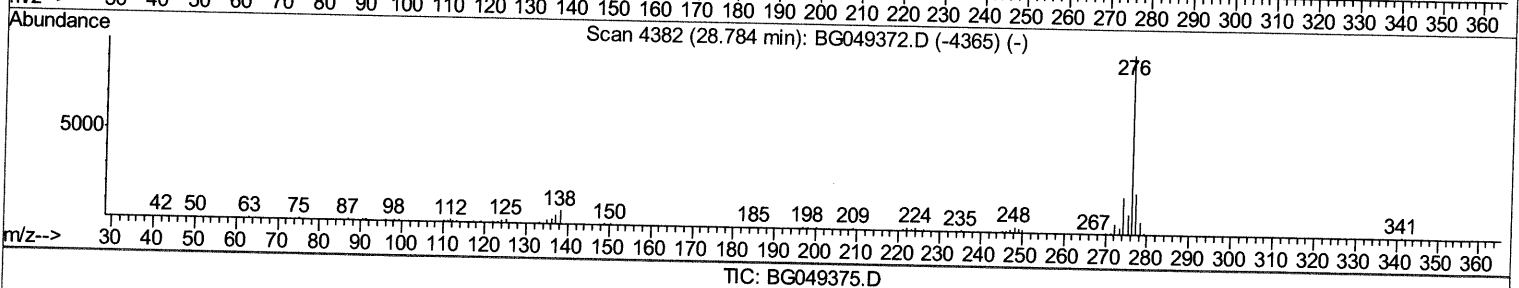
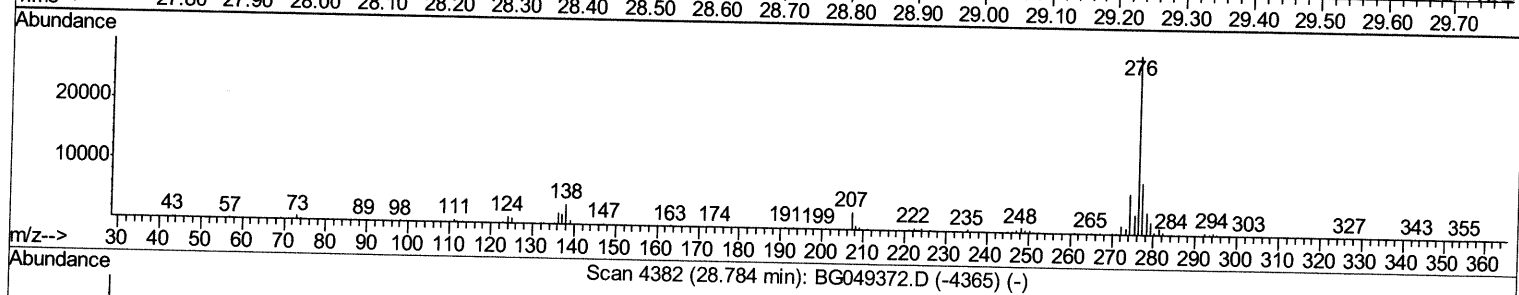
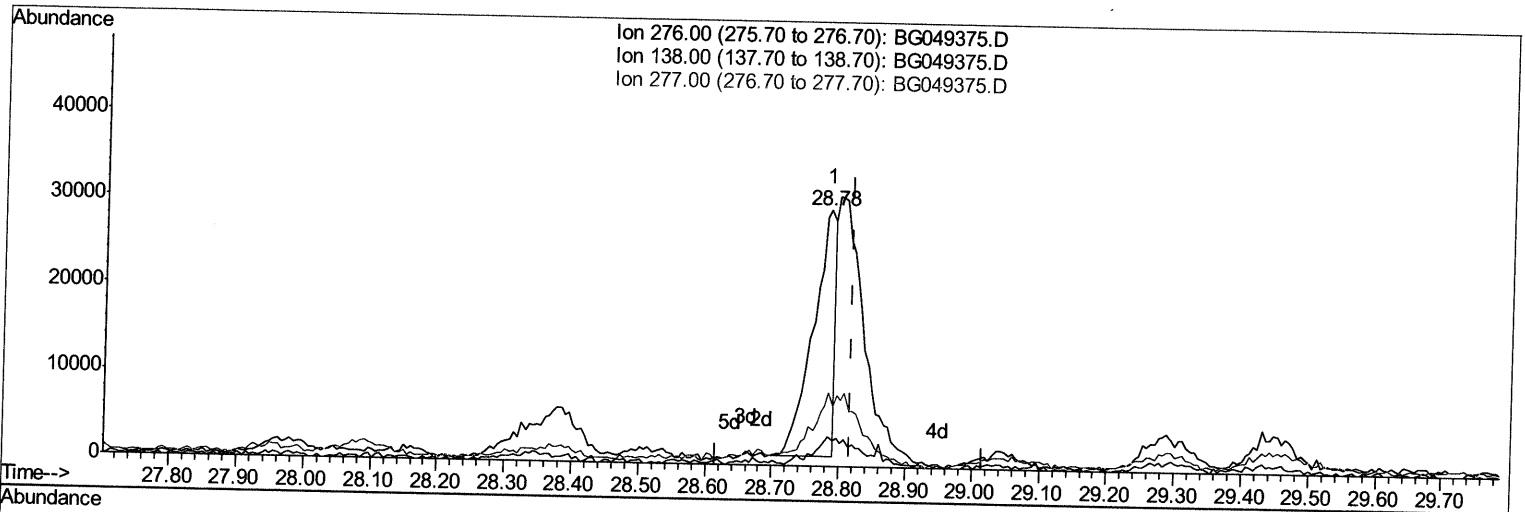
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 Sample : M2970-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

28.784min (-0.032) 4.95ng/ul

response 65168

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	11.64
277.00	22.10	29.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

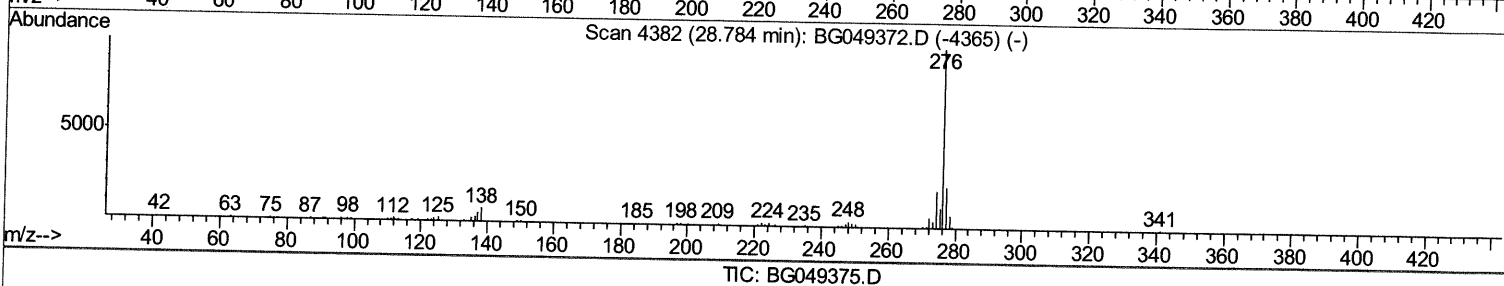
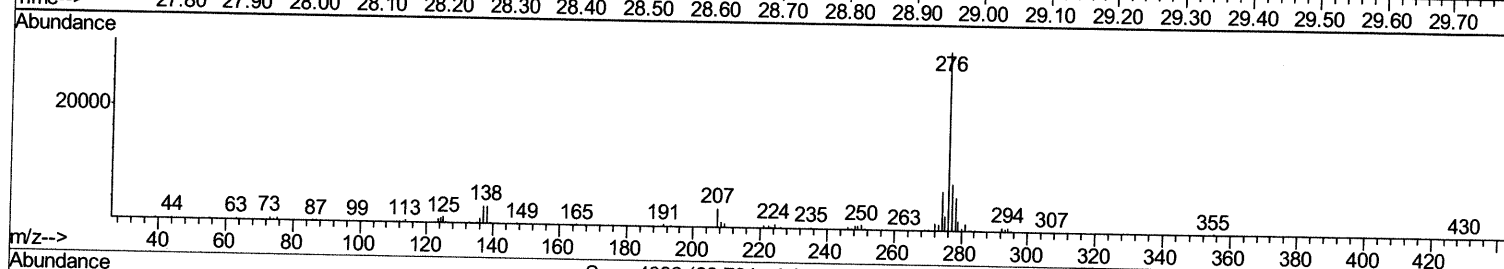
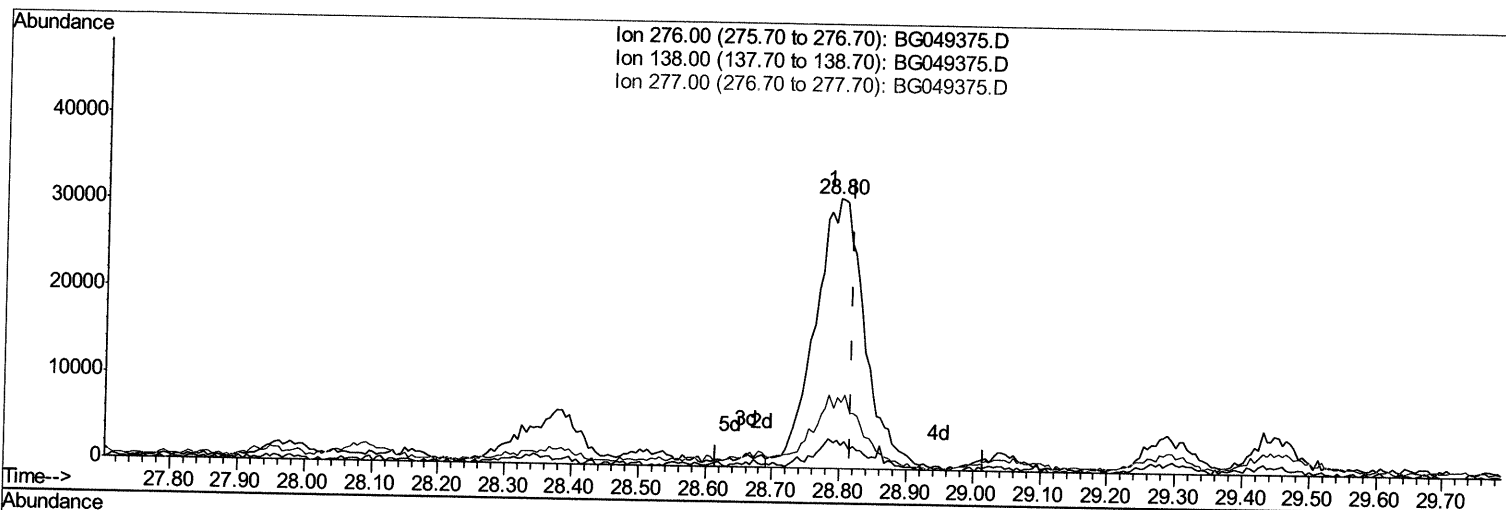
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 Sample : M2970-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG049375.D

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

28.796min (-0.021) 12.19ng/ul m 07/22/21 JU

response 160564

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	10.34
277.00	22.10	26.24
0.00	0.00	0.00

Quantitation Report (Qedit)

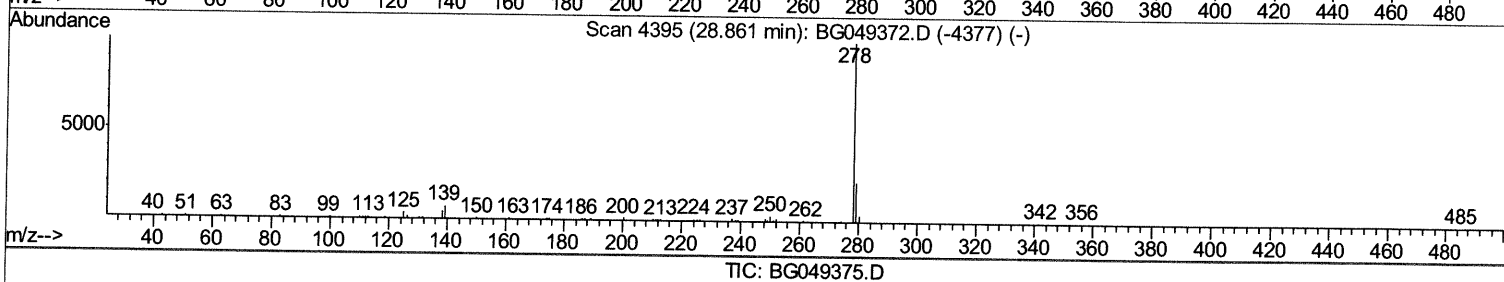
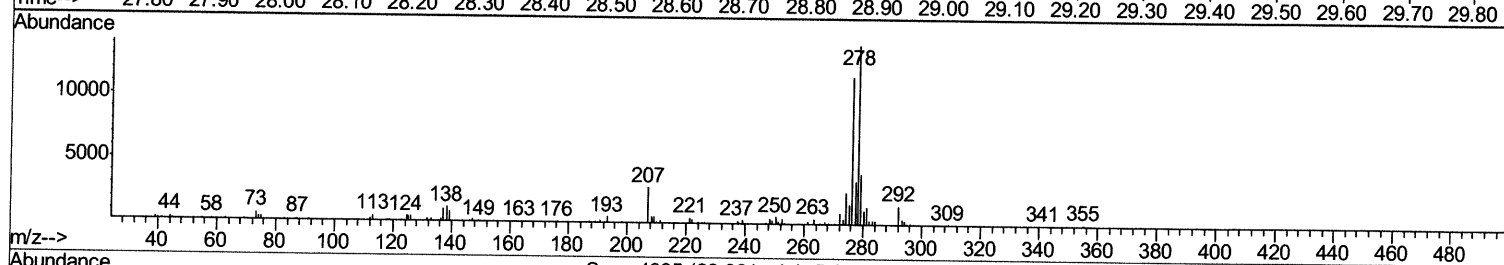
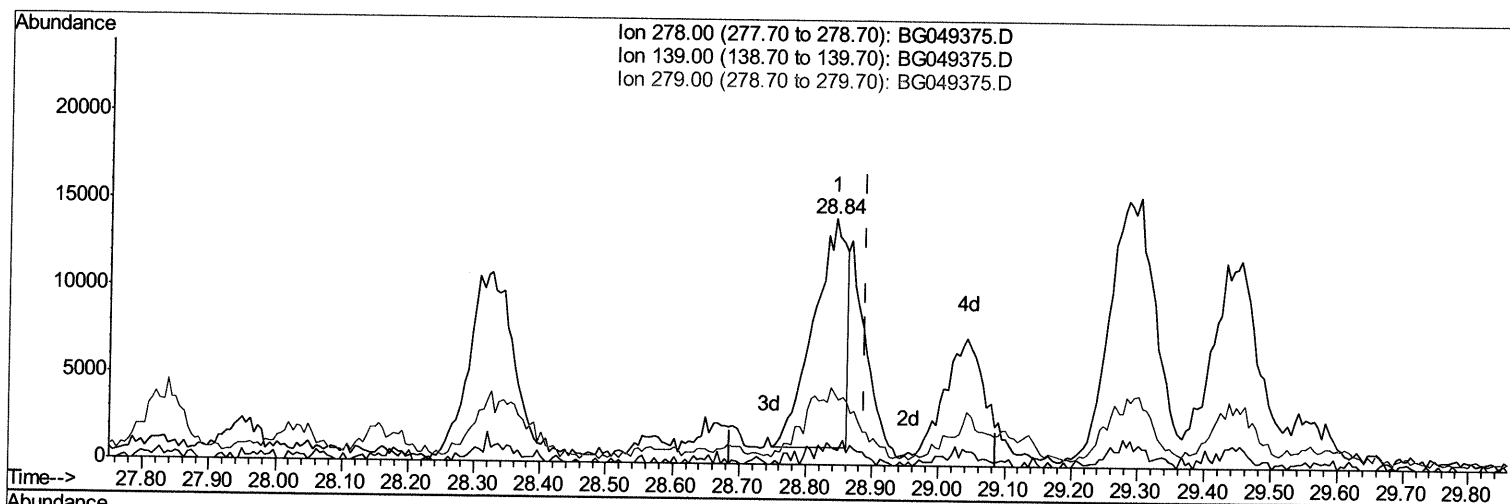
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

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(95) Dibenzo(a,h)anthracene

28.843min (-0.044) 4.16ng/ul

response 45393

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	6.71
279.00	26.40	28.94
0.00	0.00	0.00

Quantitation Report (Qedit)

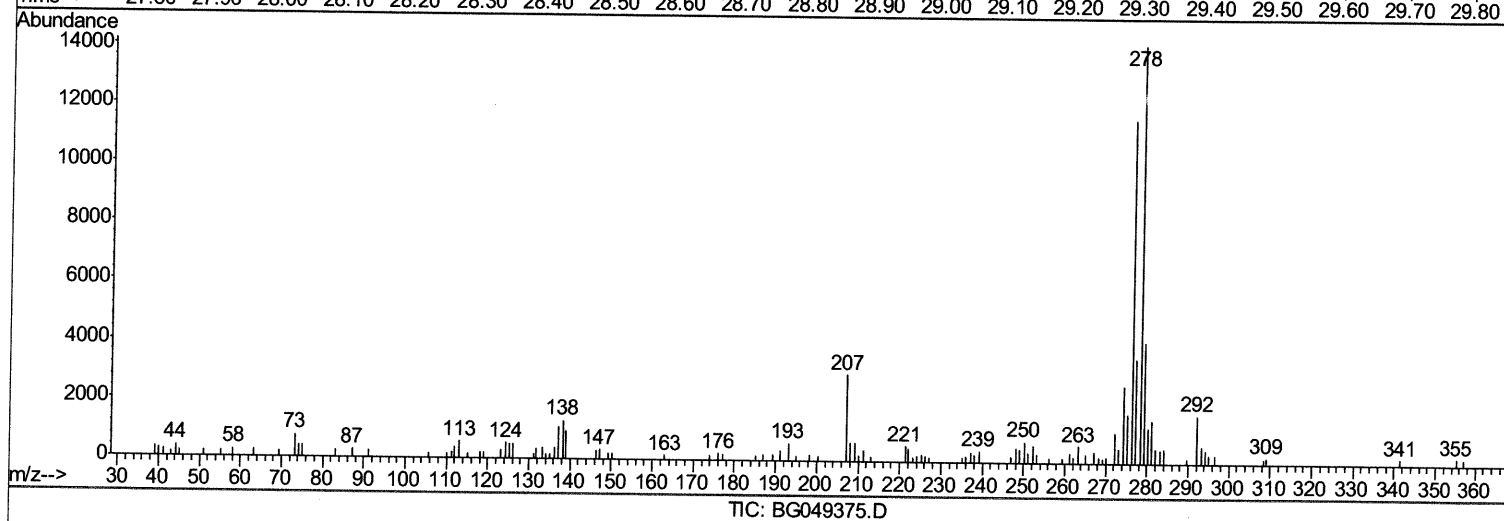
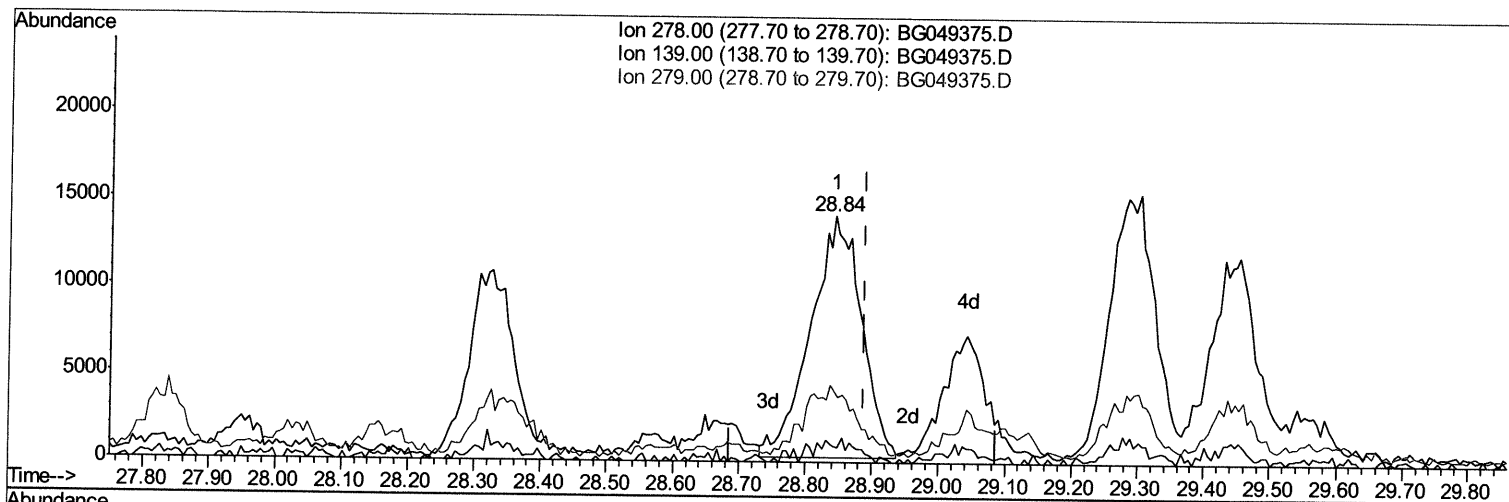
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
 APPROVED

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(95) Dibenzo(a,h)anthracene

28.843min (-0.044) 6.71ng/ul m 07/22/21 JU

response 73220

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	6.71
279.00	26.40	28.94
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24485	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.88	136	104779	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.71	164	78156	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	174569	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	174568	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	188113	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1563	3.00	ng/uL	-0.02
4) Pyridine-d5	3.88	84	14774	9.65	ng/ul	0.00
7) Phenol-d5	7.22	99	31441	14.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	19565	15.84	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.59	132	25127	15.96	ng/ul	-0.01
15) 4-Methylphenol-d8	8.77	113	27777	16.28	ng/ul	-0.01
21) Nitrobenzene-d5	9.23	128	13809	17.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	16337	17.70	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.51	165	27943	15.52	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	26420	11.26	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	108194	18.00	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	119726	16.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	12029	12.09	ng/ul	0.00
60) Fluorene-d10	15.71	176	92055	18.09	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	11303	10.19	ng/ul	0.00
73) Anthracene-d10	17.56	188	140700	17.70	ng/ul	0.00
81) Pyrene-d10	19.85	212	131441	14.69	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	94034	9.62	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Phenol	7.24	94	3270	1.535	ng/ul#	72
18) 4-Methylphenol	8.83	108	2676m>	1.585	ng/ul>	07/22/21 JU
30) Naphthalene	10.93	128	10424	1.995	ng/ul#	96
50) Acenaphthylene	14.44	152	11912	1.899	ng/ul#	95
52) Acenaphthene	14.77	153	11457	2.515	ng/ul	95
61) Fluorene	15.76	166	19427	3.556	ng/ul	96
72) Phenanthrene	17.50	178	468485	55.021	ng/ul	97
74) Anthracene	17.60	178	195142	22.436	ng/ul	99
80) Fluoranthene	19.52	202	915200	87.951	ng/ul	99
82) Pyrene	19.88	202	530374	51.154	ng/ul	99
85) Benzo(a)anthracene	21.73	228	539338	50.274	ng/ul	95
87) Chrysene	21.80	228	417923	41.184	ng/ul	98
90) Benzo(b)fluoranthene	24.00	252	511606	44.085	ng/ul	97
91) Benzo(k)fluoranthene	24.06	252	206676m>	18.265	ng/ul>	07/22/21 JU
93) Benzo(a)pyrene	24.88	252	198299	19.417	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.80	276	160564m	12.185	ng/ul	3
95) Dibenzo(a,h)anthracene	28.84	278	73220m3	6.709	ng/ul3	07/22/21 JU

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