

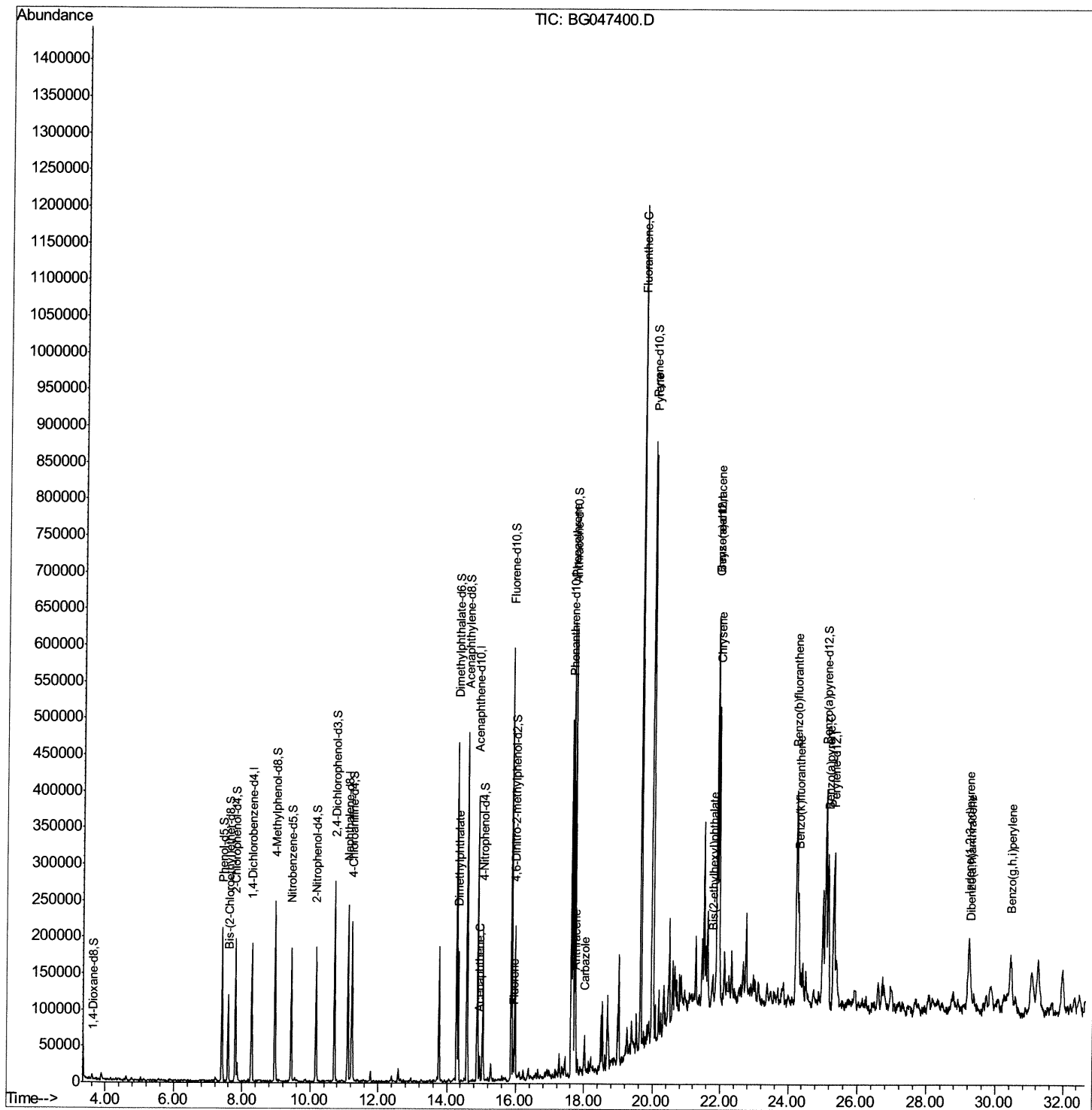
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047400.D
Acq On : 21 Nov 2020 18:28
Operator : CG/JU
Sample : L4711-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B36

Manual Integrations
APPROVED

mohammad
11/24/2020 9:00:40 AM

Quant Time: Nov 23 05:08:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:03:59 2020
Response via : Initial Calibration



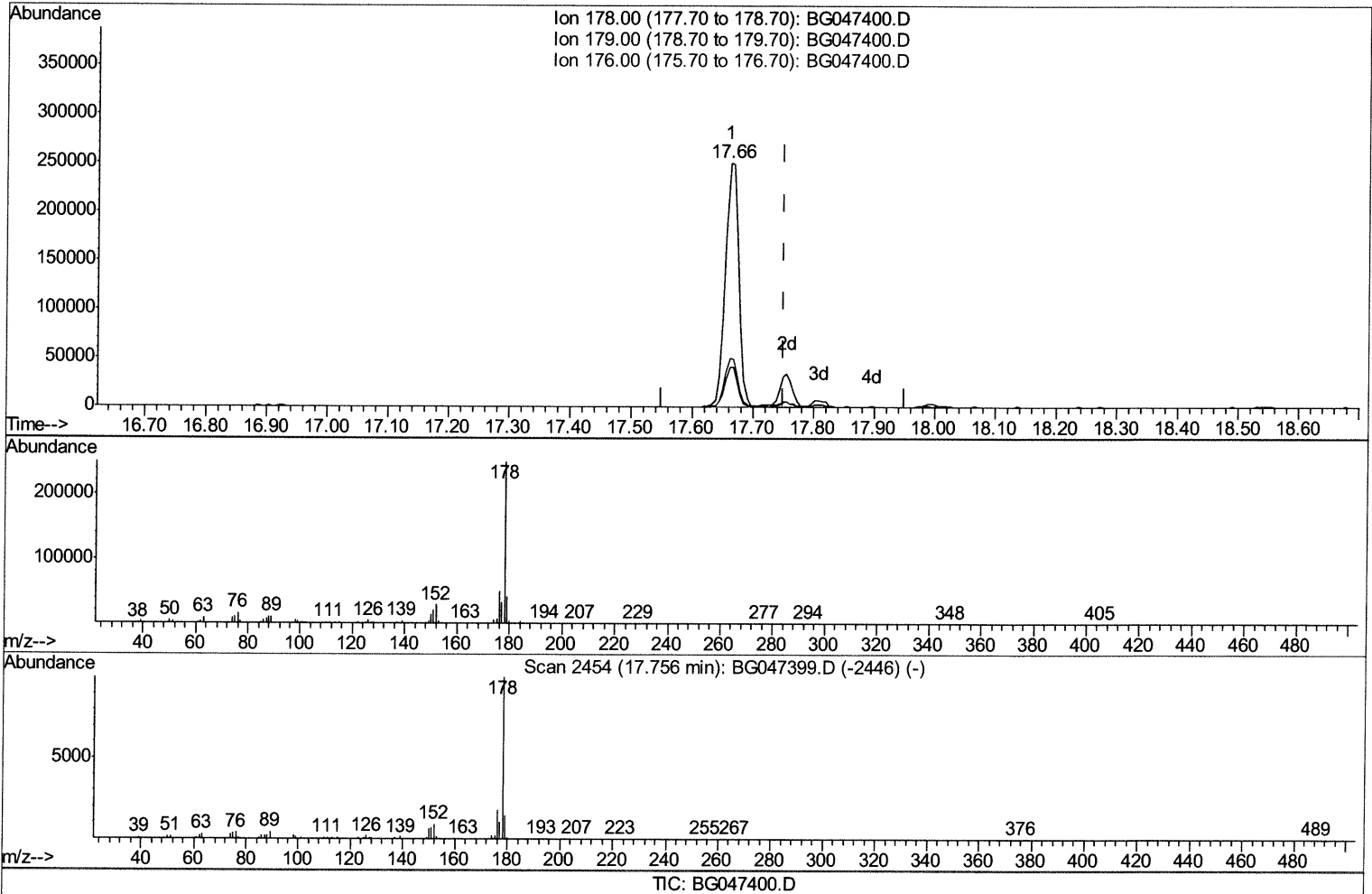
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(72) Anthracene

17.661min (-0.090) 22.93ng/ul

response 387999

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.36
176.00	20.30	19.88
0.00	0.00	0.00

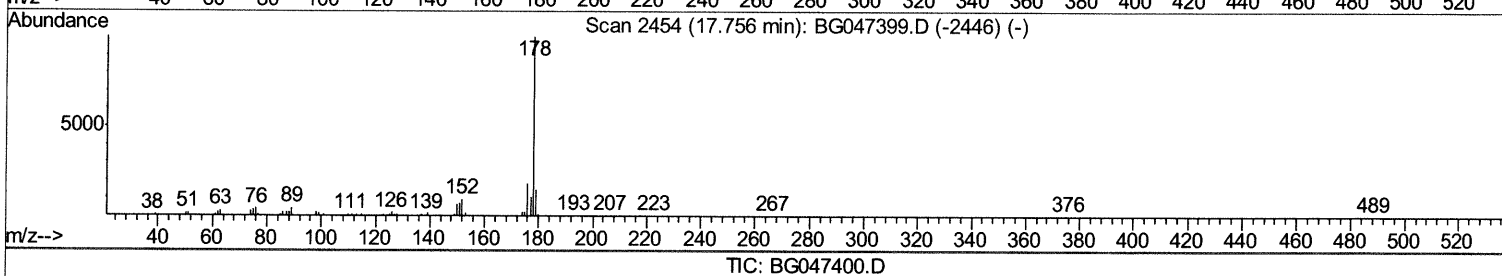
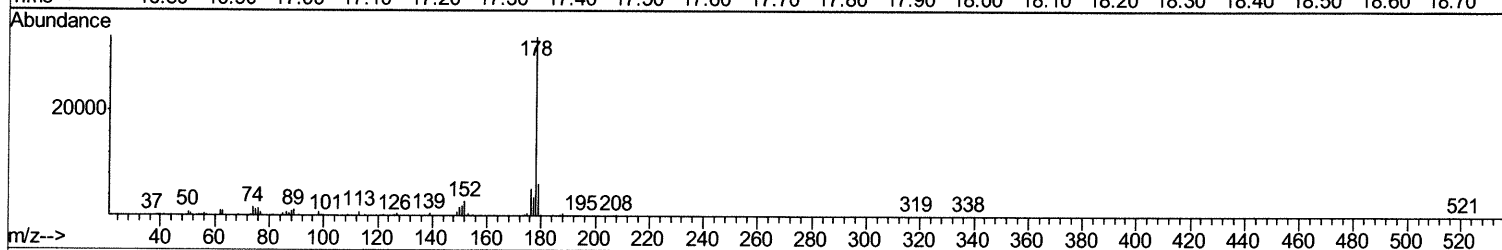
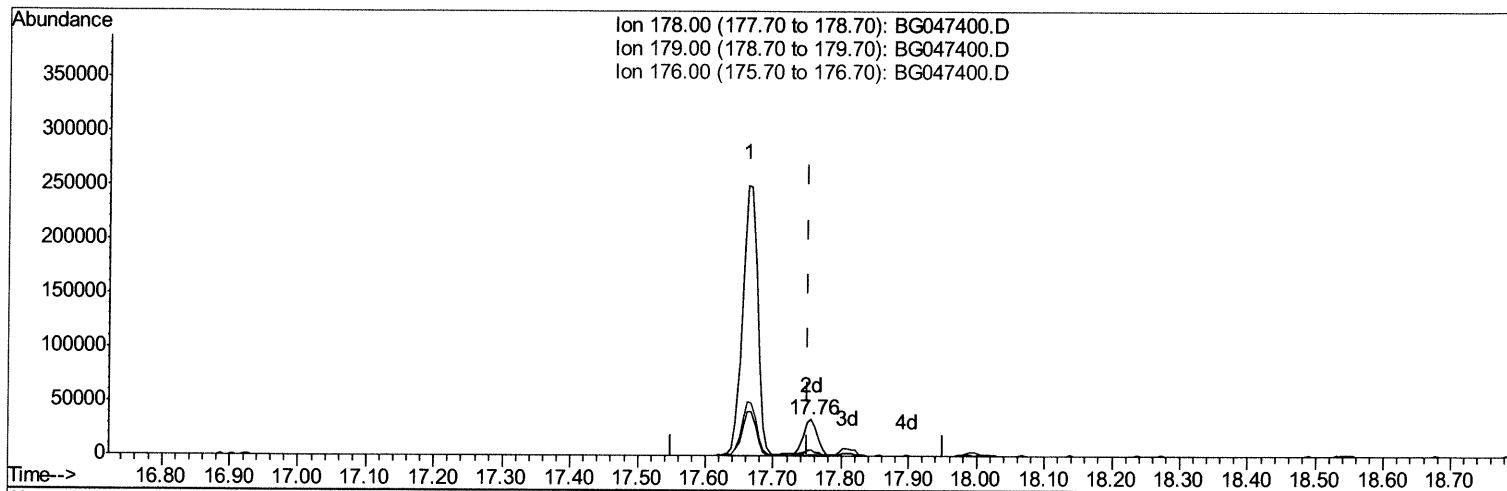
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(72) Anthracene

17.755min (+0.004) 2.85ng/ul m 11/30/20 JU

response 48242

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	18.25#
176.00	20.30	15.43#
0.00	0.00	0.00

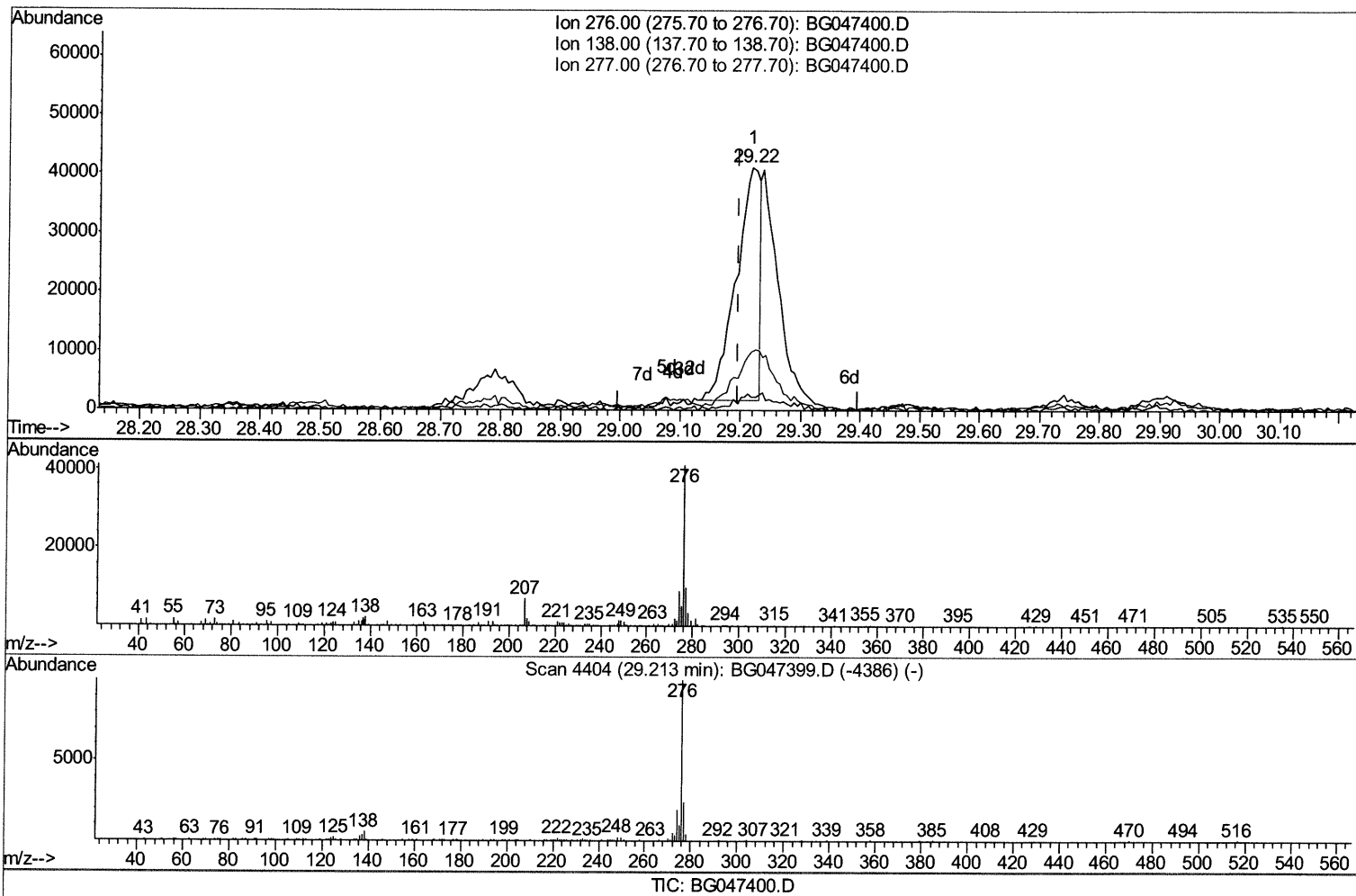
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(92) Indeno(1,2,3-cd)pyrene

29.218min (+0.022) 5.34ng/ul

response 107676

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.58#
277.00	24.90	24.30
0.00	0.00	0.00

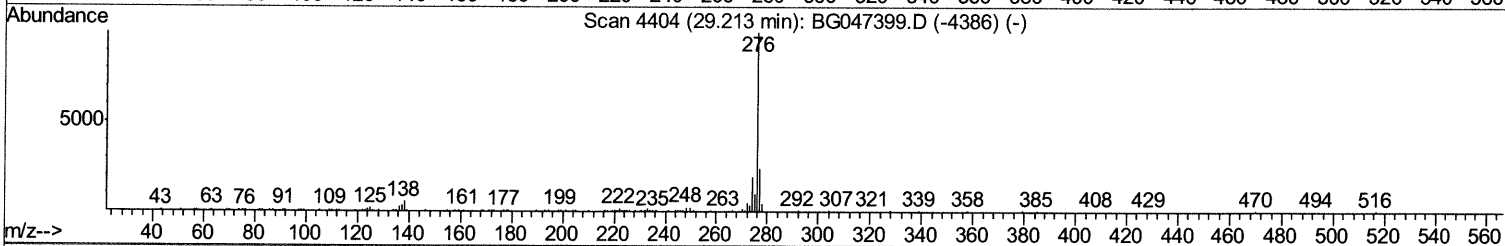
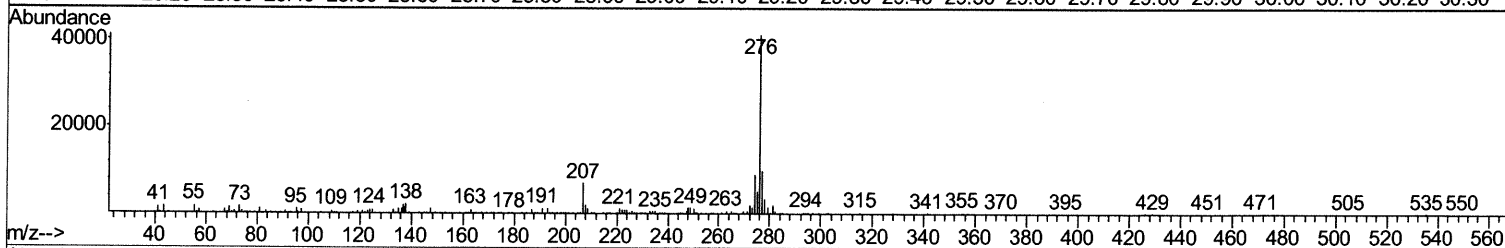
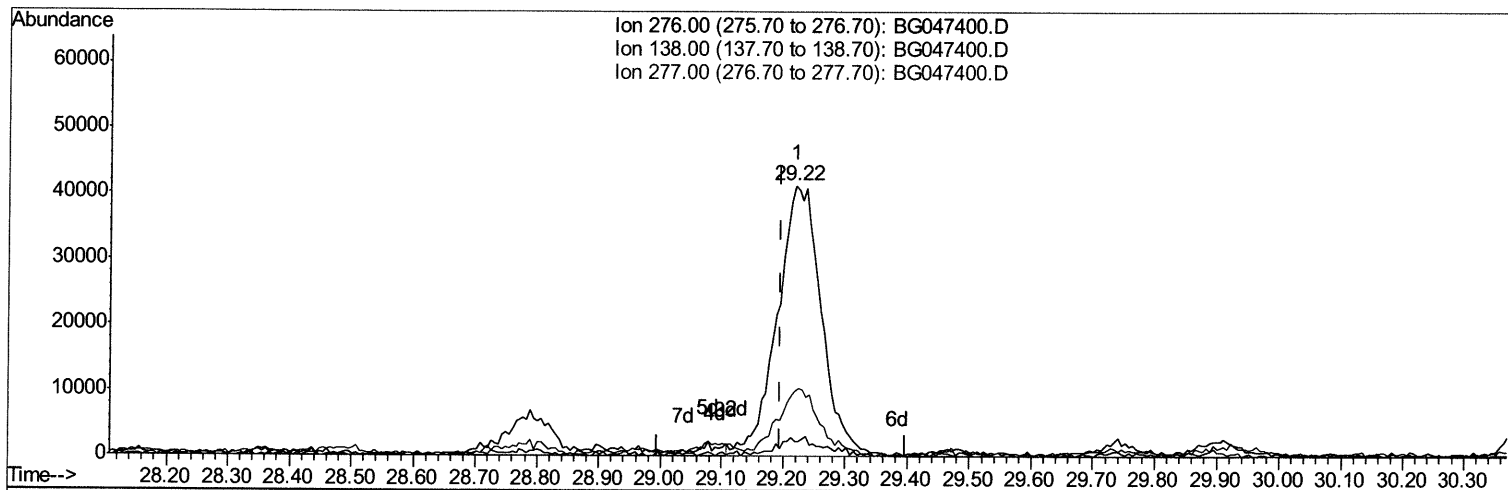
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG047400.D

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

29.218min (+0.022) 10.04ng/ul m 11/30/20 JU

response 202610

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.58#
277.00	24.90	24.30
0.00	0.00	0.00

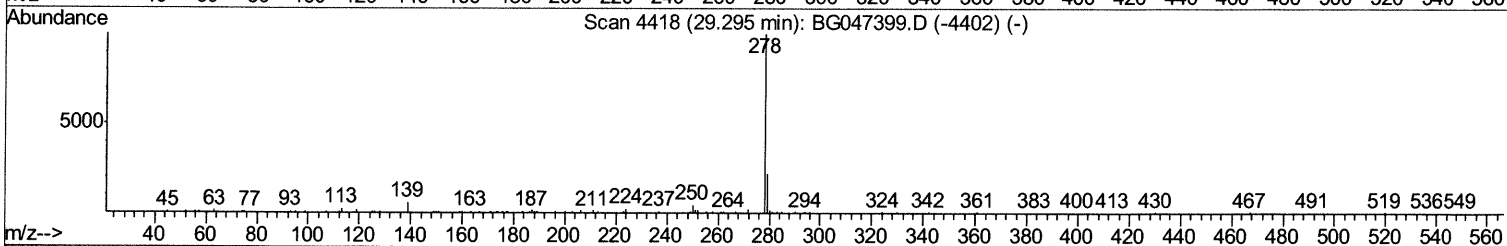
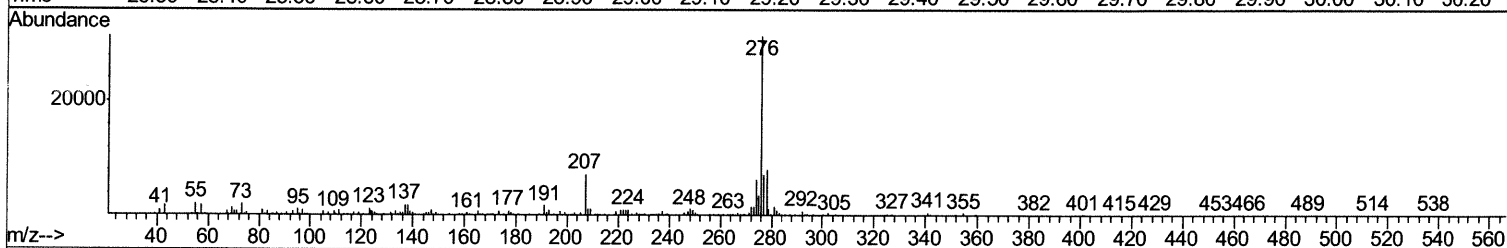
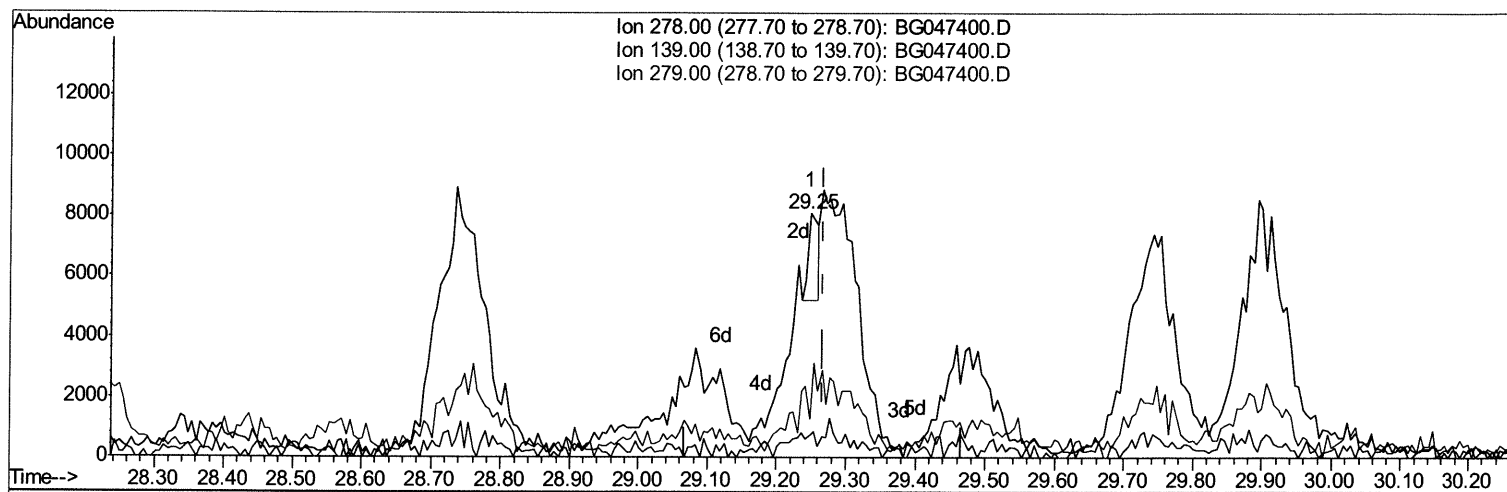
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047400.D
Acq On : 21 Nov 2020 18:28
Operator : CG/JU
Sample : L4711-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B36

Manual Integrations
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TIC: BG047400.D

(93) Dibenzo(a,h)anthracene

29.248min (-0.019) 0.19ng/ul

response 3072

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	14.83#
279.00	25.00	15.71#
0.00	0.00	0.00

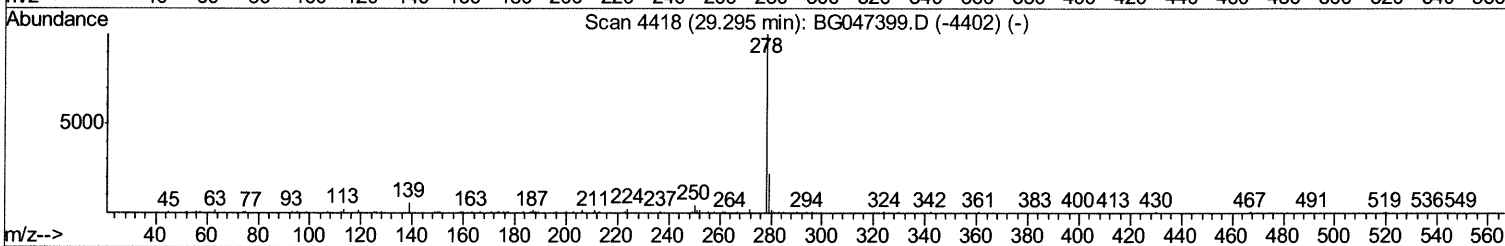
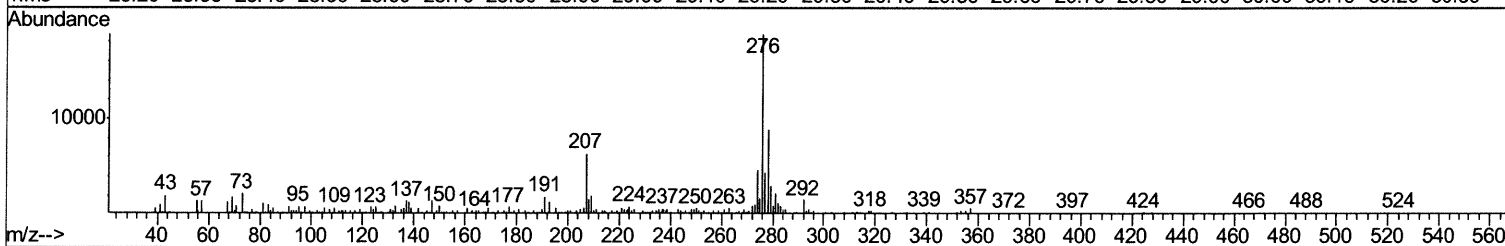
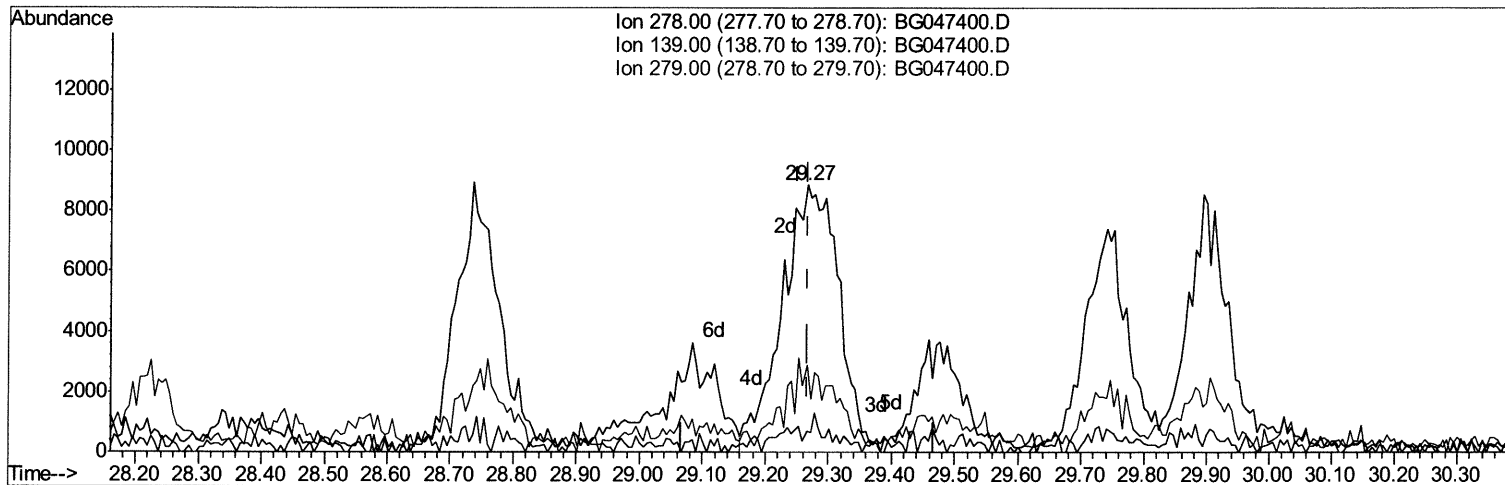
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047400.D
Acq On : 21 Nov 2020 18:28
Operator : CG/JU
Sample : L4711-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B36

Manual Integrations
APPROVED

mohammad
11/24/2020 9:00:40 AM

Quant Time: Nov 23 05:04:30 2020
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG047400.D

(93) Dibenzo(a,h)anthracene

29.265min (-0.001) 3.30ng/ul m

11/30/20 JU

response 54520

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	7.74
279.00	25.00	32.82#
0.00	0.00	0.00

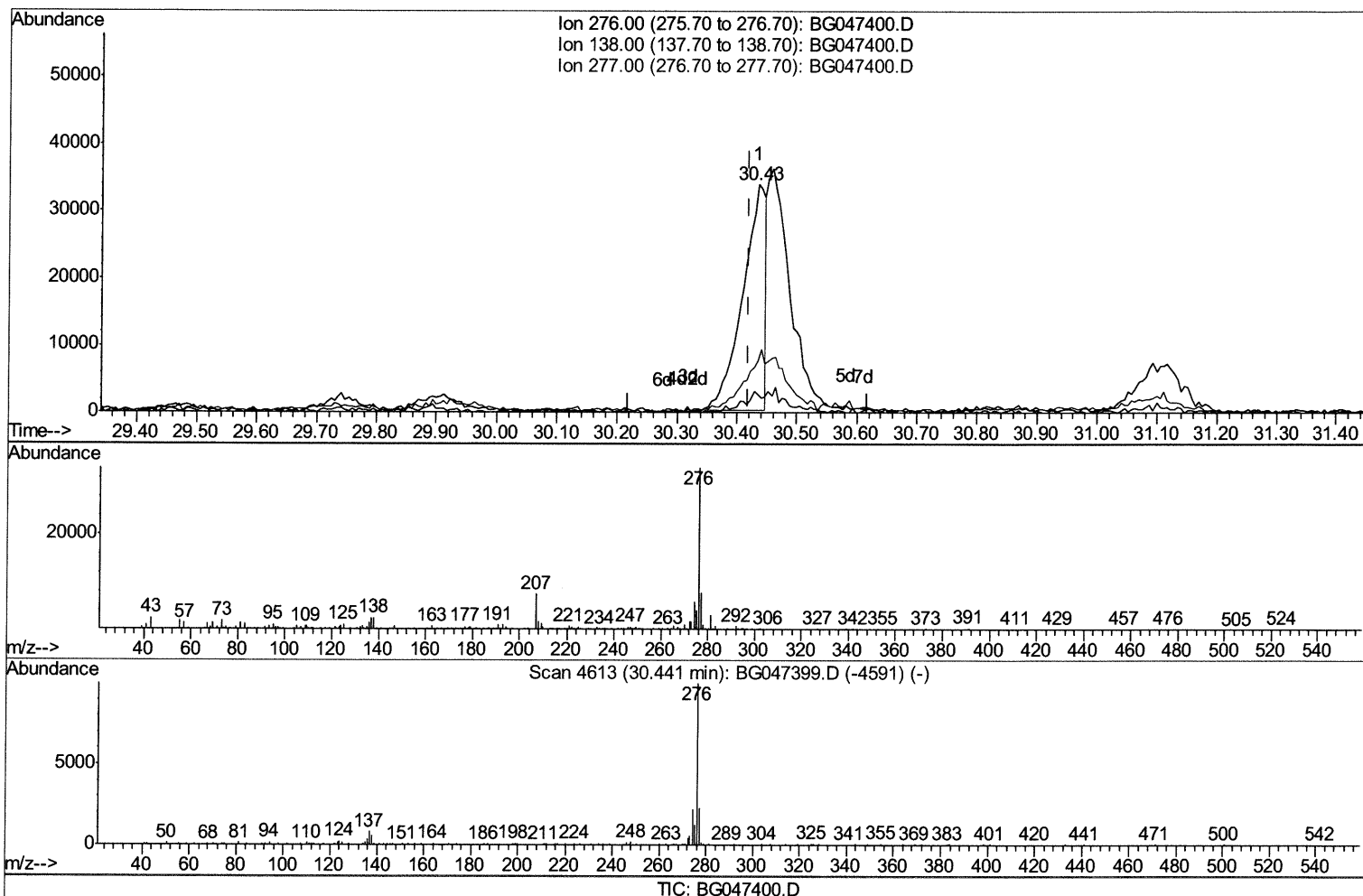
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Data File : BG047400.D
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Operator : CG/JU
Sample : L4711-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B36

Manual Integrations
APPROVED

mohammad
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(94) Benzo(g,h,i)perylene

30.435min (+0.016) 5.39ng/ul

response 89684

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	7.57#
277.00	21.90	22.91
0.00	0.00	0.00

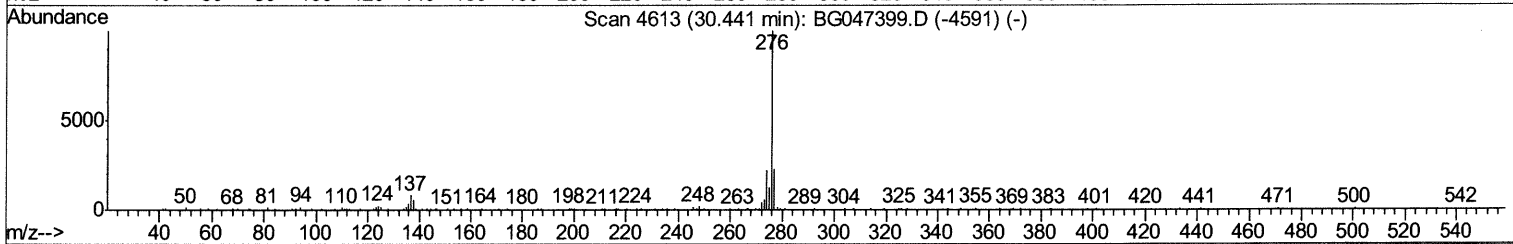
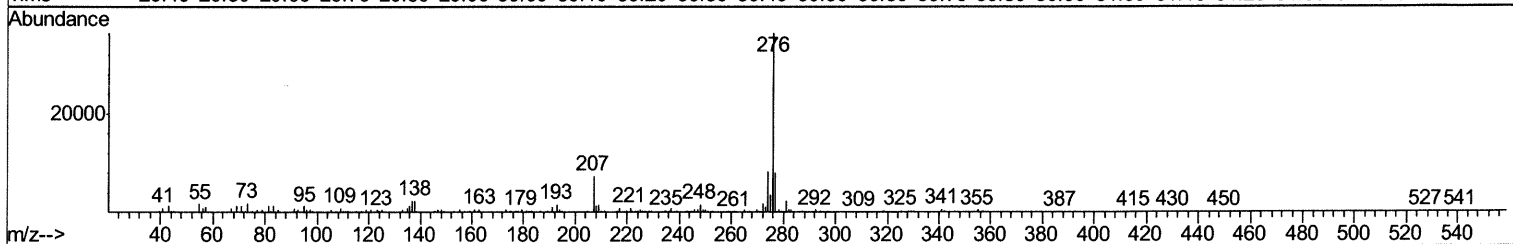
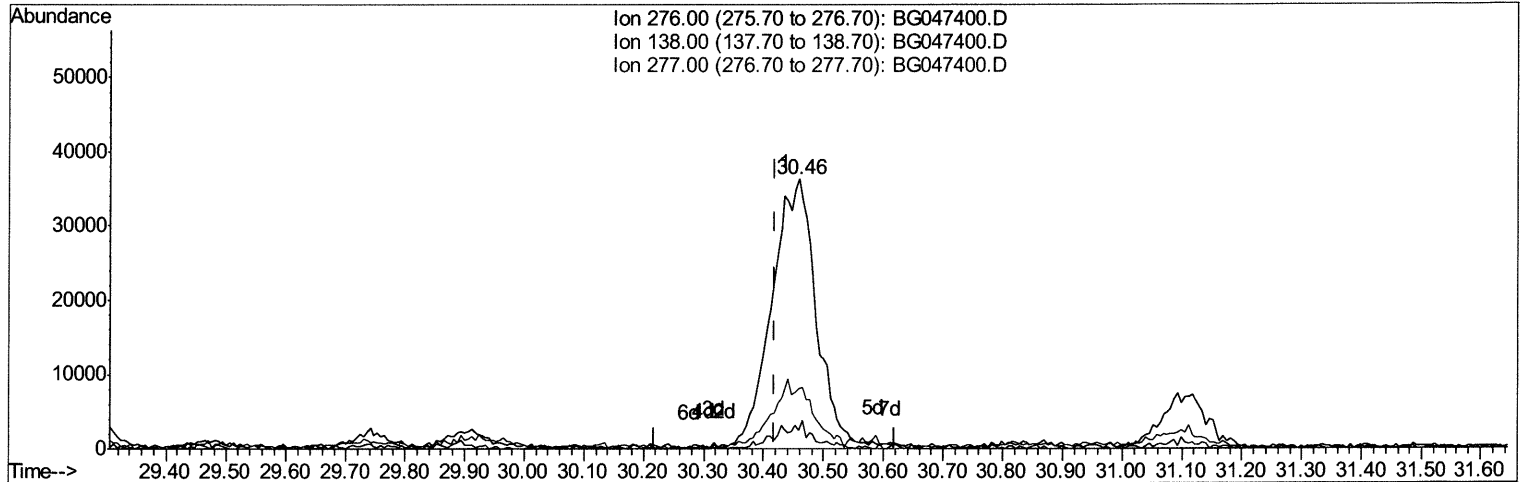
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Data File : BG047400.D
Acq On : 21 Nov 2020 18:28
Operator : CG/JU
Sample : L4711-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B36

Manual Integrations
APPROVED

mohammad
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QLast Update : Mon Nov 23 04:03:59 2020
Response via : Initial Calibration



TIC: BG047400.D

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

30.458min (+0.040) 11.39ng/ul m 11/30/20 JU

response 189576

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	6.63#
277.00	21.90	22.13
0.00	0.00	0.00

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 Sample : L4711-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 QLast Update : Mon Nov 23 04:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	44982	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	184817	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	133033	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	311198	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	248753	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	263560	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3659	2.96	ng/uL	0.00
5) Phenol-d5	7.41	99	101795	22.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.58	67	53420	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	75102	24.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	80469	23.21	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	37968	24.87	ng/ul	0.01
22) 2-Nitrophenol-d4	10.17	143	43844	26.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	93562	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	81836	21.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	275014	24.08	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	342278	25.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	39686	22.78	ng/ul	0.01
58) Fluorene-d10	15.87	176	247785	23.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	43638	24.64	ng/ul	0.00
71) Anthracene-d10	17.72	188	367590	23.81	ng/ul	0.00
79) Pyrene-d10	19.98	212	367973	25.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	354369	23.36	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	105792	9.081	ng/ul	98
50) Acenaphthene	14.95	153	13293	1.545	ng/ul	88
59) Fluorene	15.93	166	19068	1.791	ng/ul	87
70) Phenanthrene	17.66	178	387663	23.068	ng/ul	99
72) Anthracene	17.76	178	48242m	2.850	ng/ul	11/30/20 54
75) Carbazole	18.01	167	28891	2.116	ng/ul#	93
77) Fluoranthene	19.65	202	724165	34.121	ng/ul	99
80) Pvrene	20.02	202	557802	31.656	ng/ul#	95
83) Benzo(a)anthracene	21.89	228	275797	15.582	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	9932	1.151	ng/ul#	86
85) Chrysene	21.95	228	313983	18.642	ng/ul	99
88) Benzo(b)fluoranthene	24.23	252	433469	23.294	ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	129532	7.063	ng/ul	93
91) Benzo(a)pyrene	25.15	252	268959	16.213	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.22	276	202610m	10.041	ng/ul	11/30/20 54
93) Dibenzo(a,h)anthracene	29.27	278	54520m	3.295	ng/ul	
94) Benzo(g,h,i)perylene	30.46	276	189576m	11.386	ng/ul	

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