

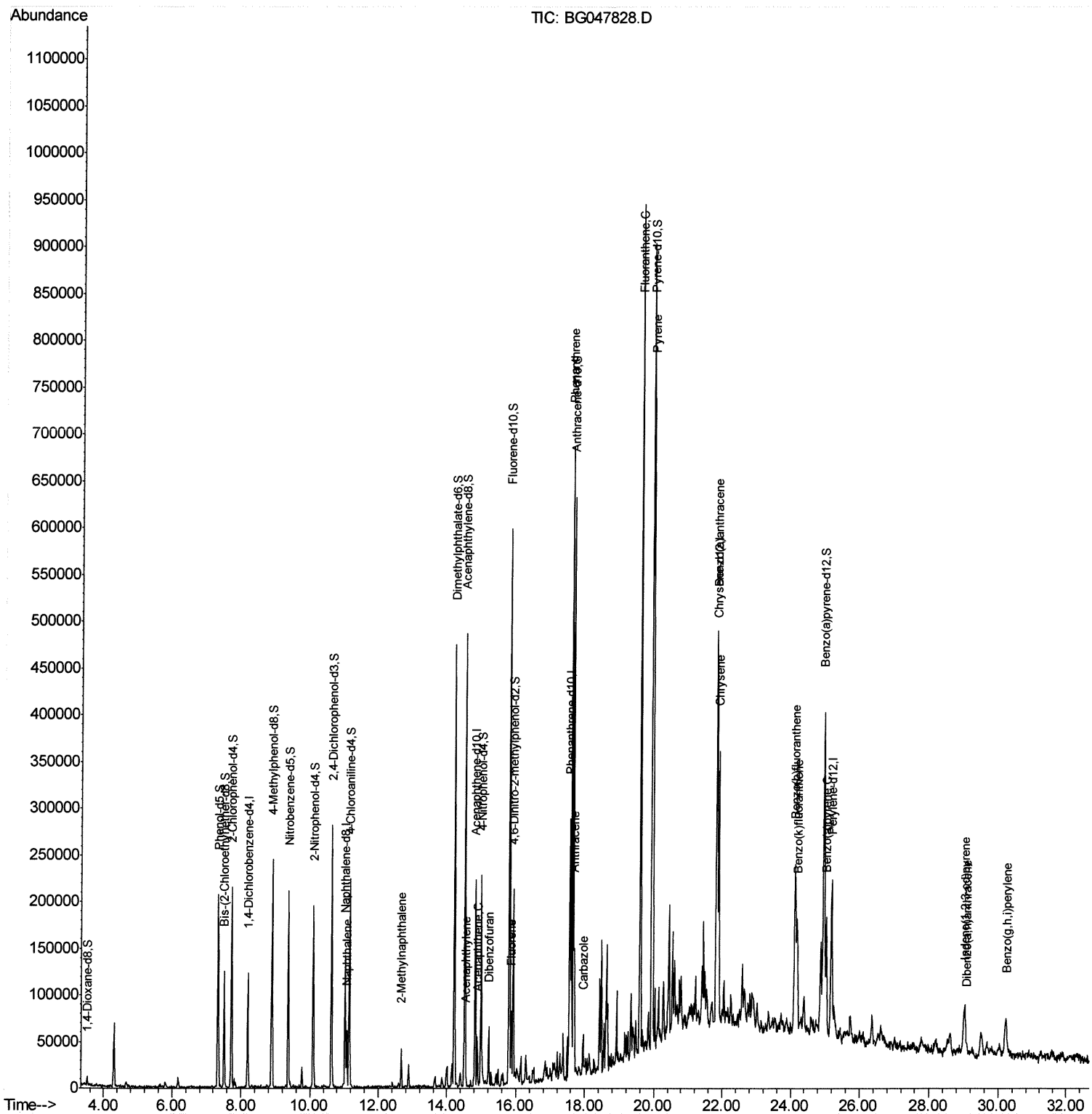
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB897

Manual Integrations
APPROVED

mohammad
12/28/2020 1:36:03 PM

Quant Time: Dec 24 14:35:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration



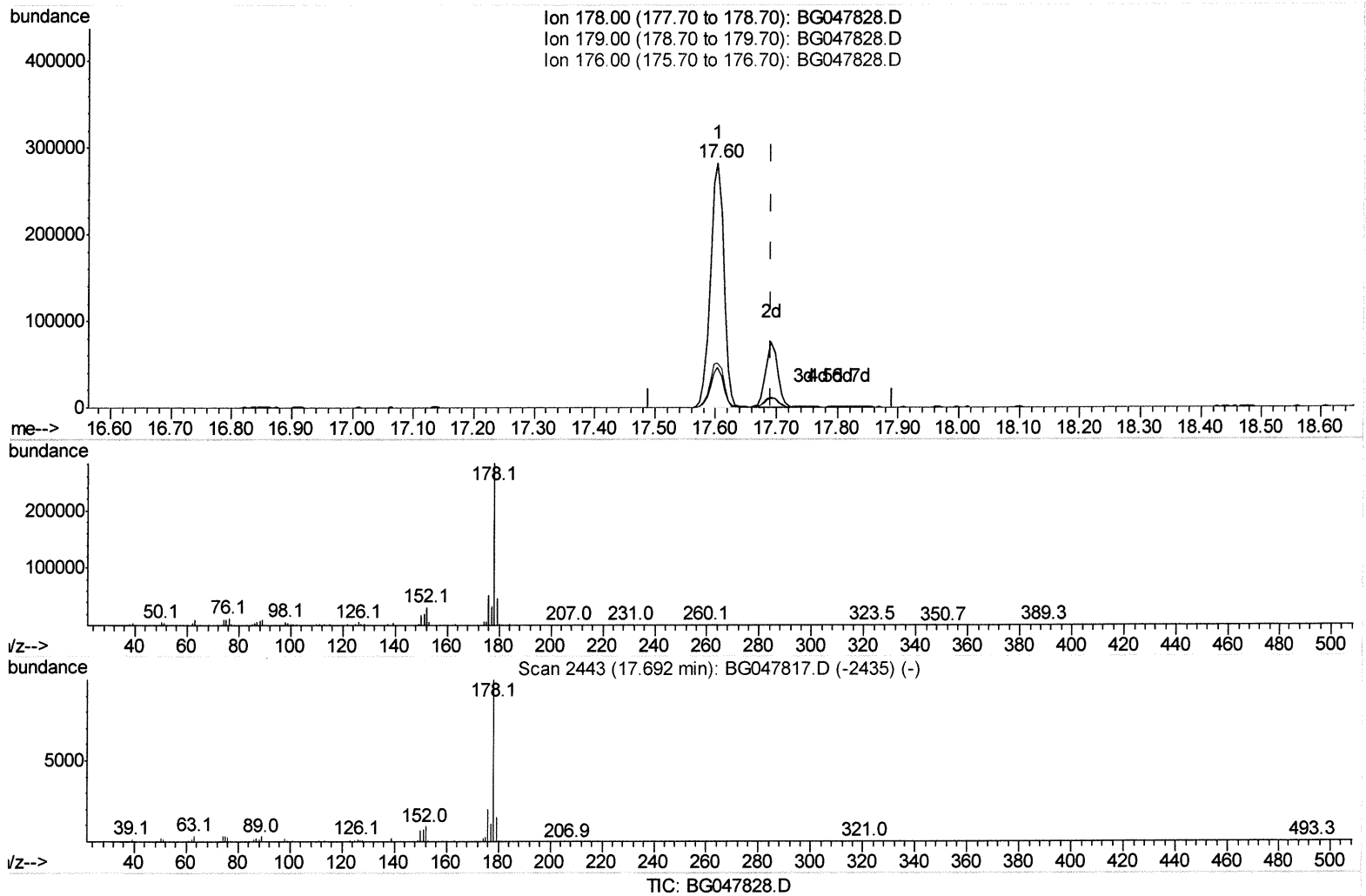
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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(72) Anthracene

17.603min (-0.088) 43.76ng/ul

response 432602

Ion	Exp%	Act%
178.00	100	100
179.00	16.40	16.36
176.00	19.30	18.29
0.00	0.00	0.00

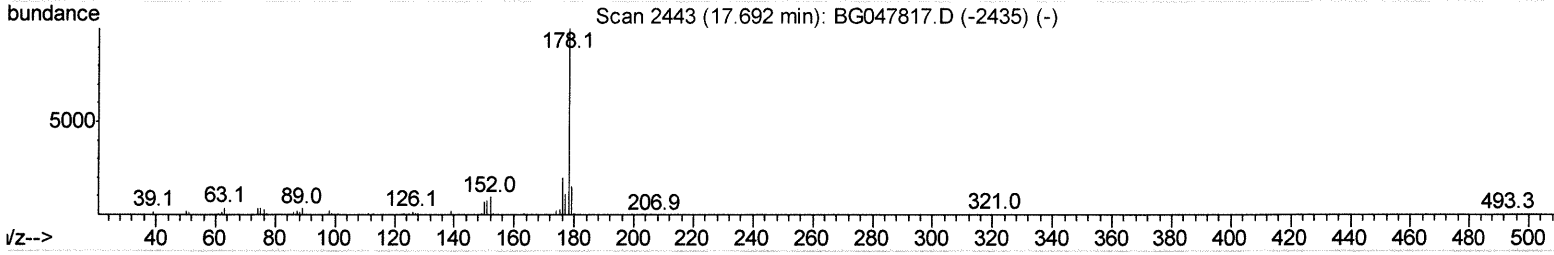
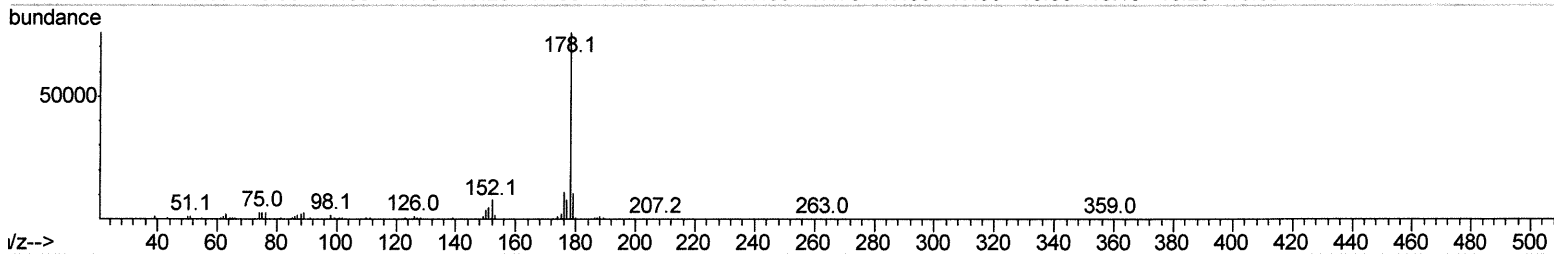
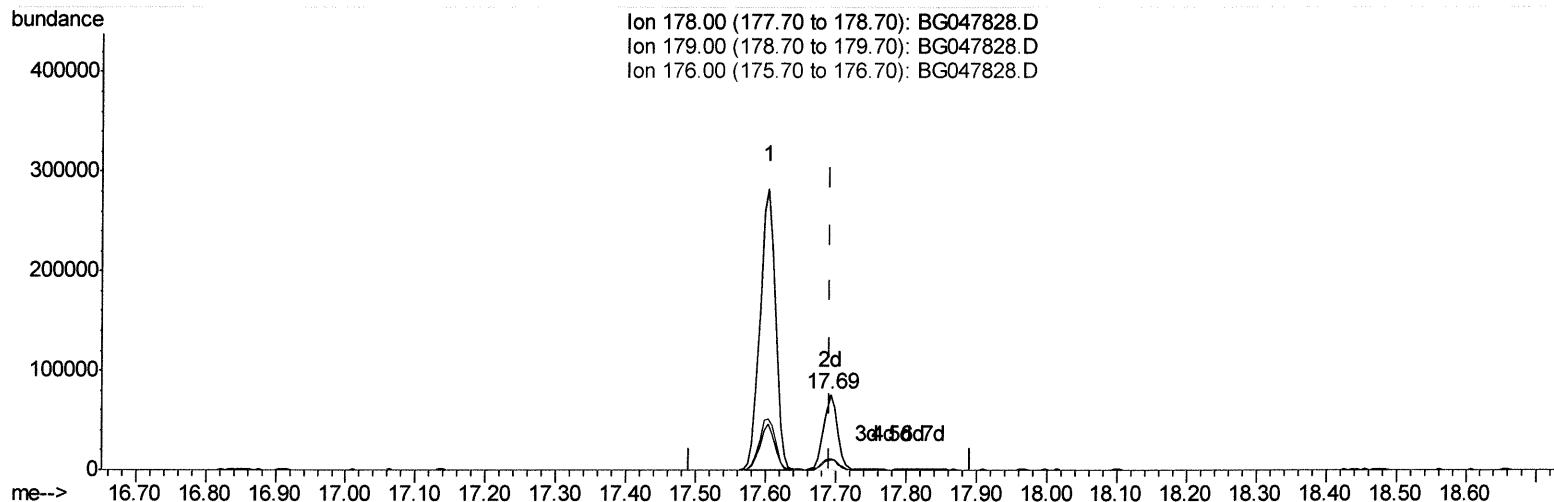
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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TIC: BG047828.D

(72) Anthracene

17.692min (+0.001) 10.60ng/ul m

response 104839

Ion	Exp%	Act%
178.00	100	100
179.00	16.40	14.08
176.00	19.30	14.52#
0.00	0.00	0.00

JU 12/31/20

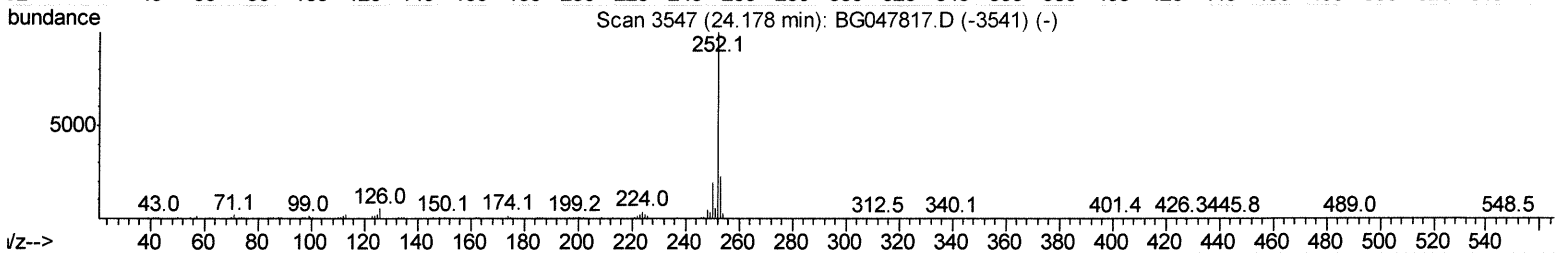
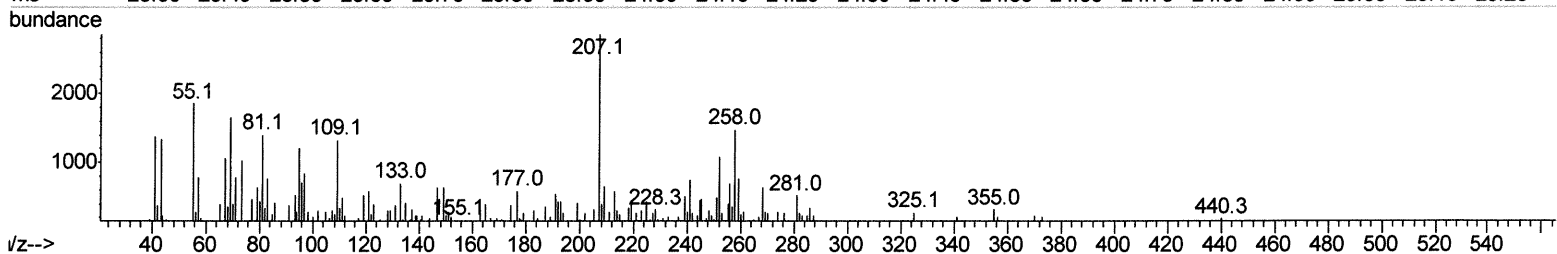
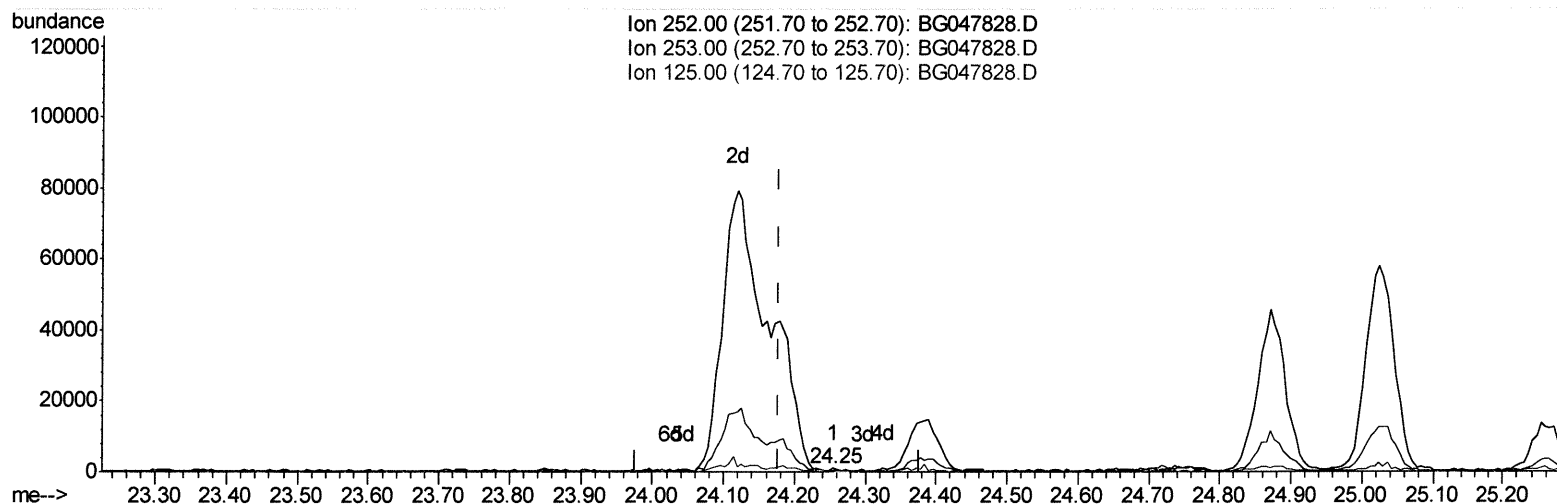
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TIC: BG047828.D

(89) Benzo(k)fluoranthene

24.254min (+0.077) 0.08ng/ul

response 954

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.86
125.00	3.90	15.14#
0.00	0.00	0.00

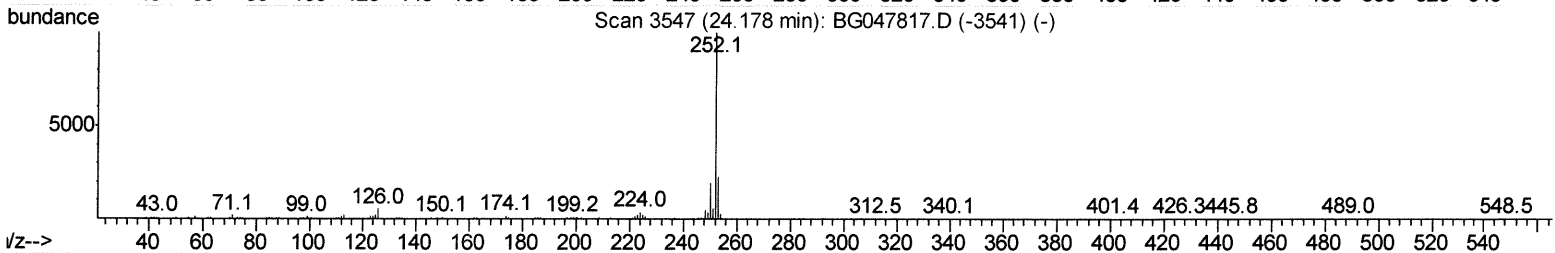
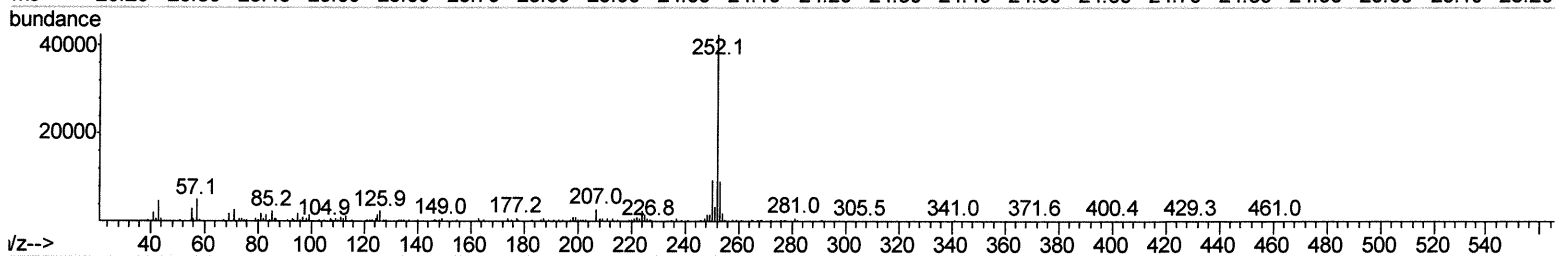
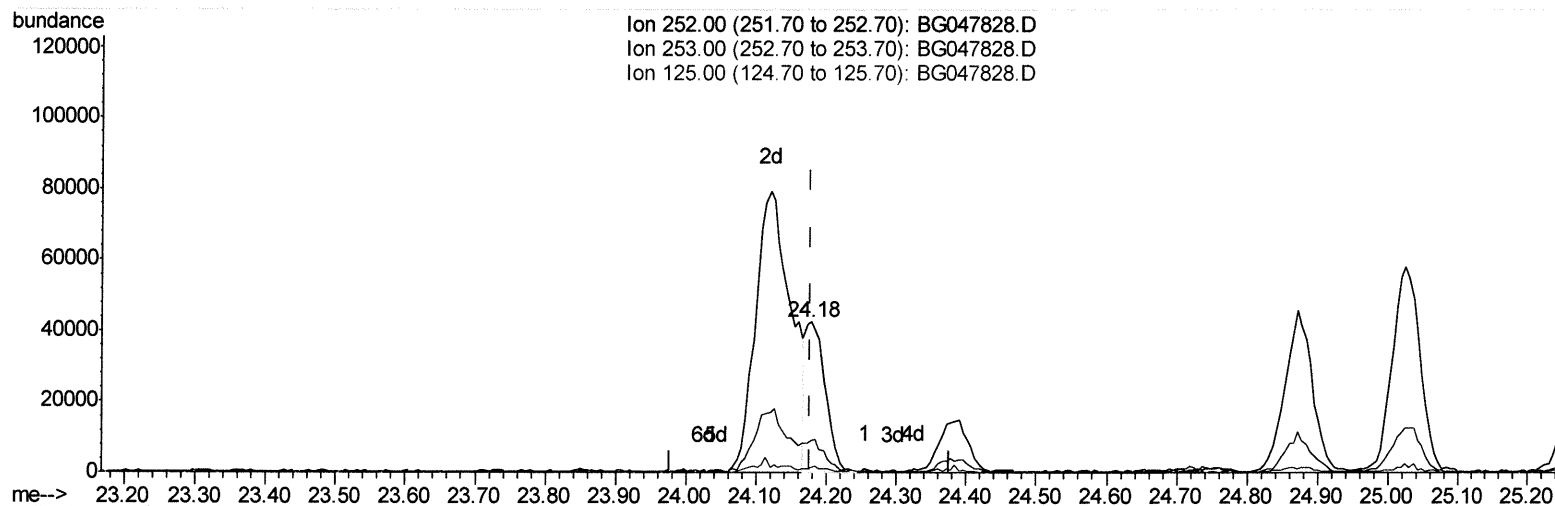
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
 Data File : BG047828.D
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 Operator : CG/JU
 Sample : L5149-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 CB897

Manual Integrations
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TIC: BG047828.D

(89) Benzo(k)fluoranthene

24.178min (+0.001) 6.82ng/ul m

response 81620

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.29
125.00	3.90	3.62
0.00	0.00	0.00

July 31/20

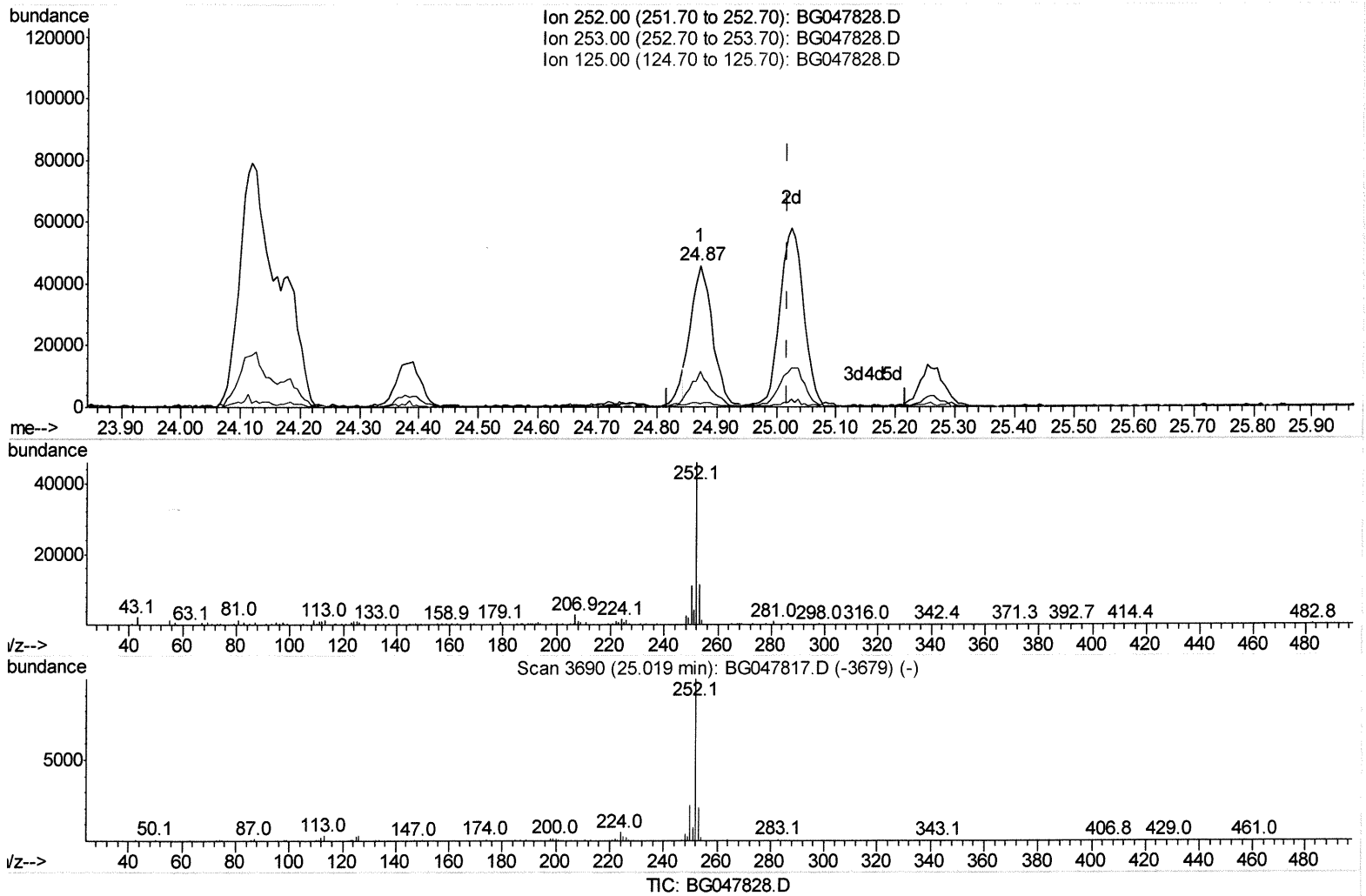
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB897

Manual Integrations
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(91) Benzo(a)pyrene (C)

24.871min (-0.146) 10.15ng/ul

response 110555

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.13
125.00	2.70	2.59
0.00	0.00	0.00

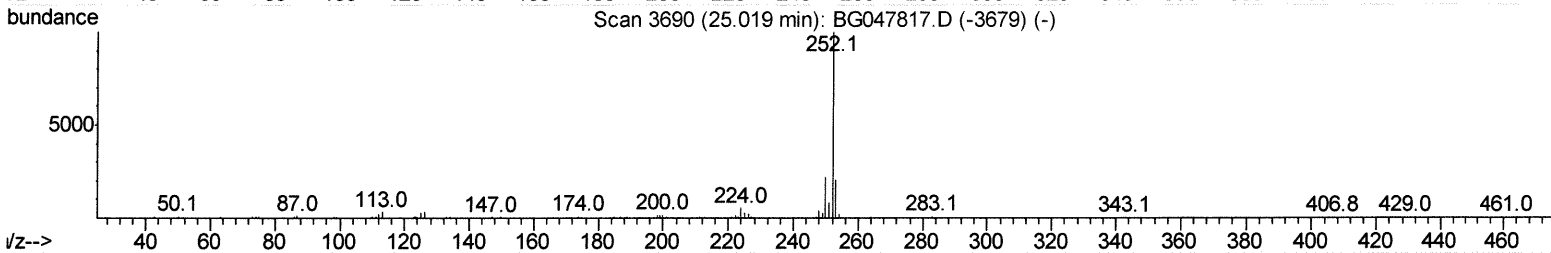
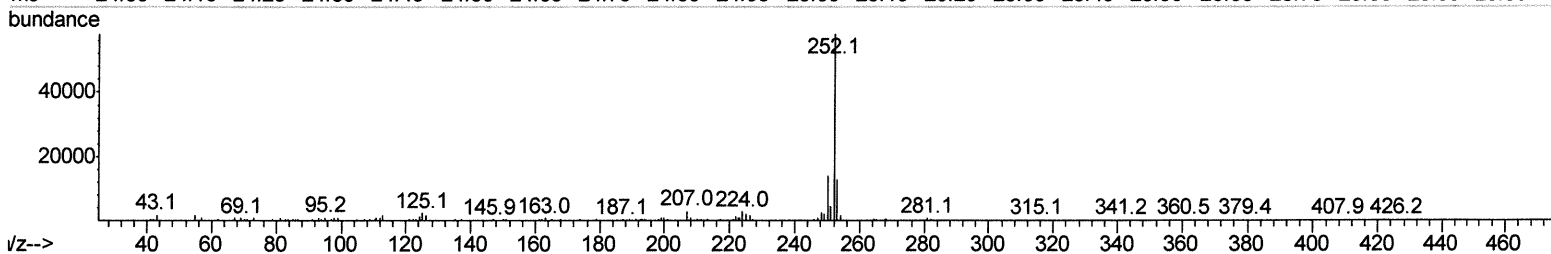
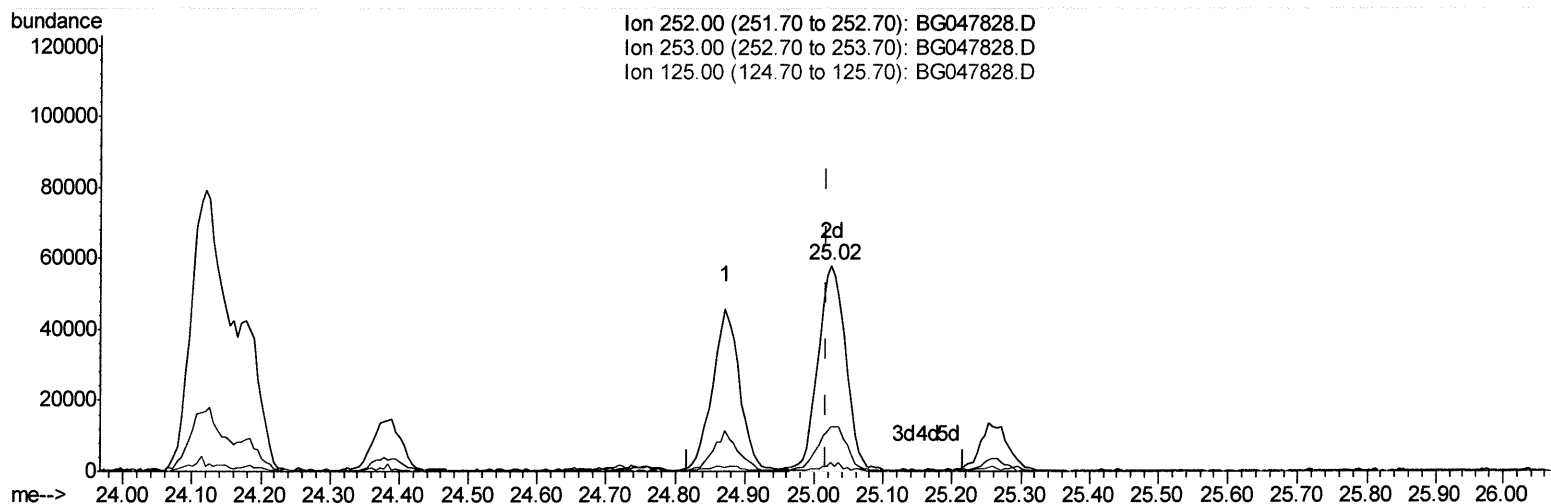
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
 Data File : BG047828.D
 Acq On : 24 Dec 2020 13:18
 Operator : CG/JU
 Sample : L5149-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB897

Manual Integrations
 APPROVED

mohammad
 12/28/2020 1:36:03 PM

Quant Time: Dec 24 14:30:55 2020
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TIC: BG047828.D

(91) Benzo(a)pyrene (C)

25.024min (+0.006) 14.79ng/ul m

response 161045

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.98
125.00	2.70	4.12#
0.00	0.00	0.00

July 31/20

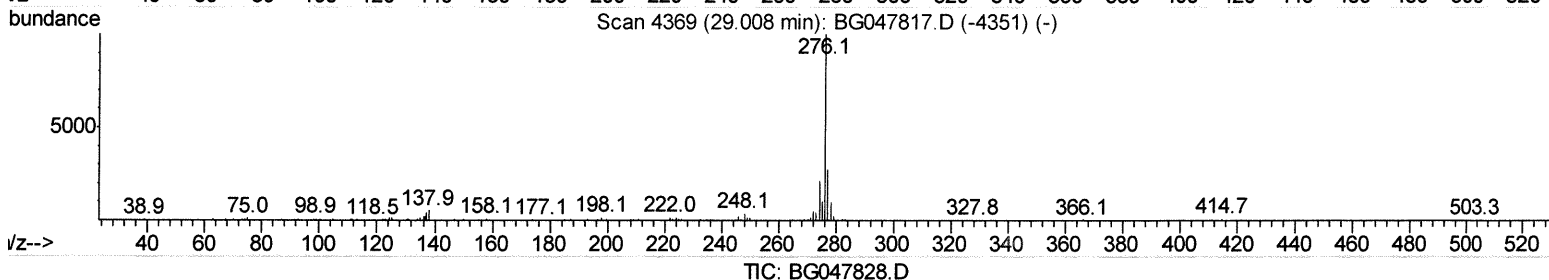
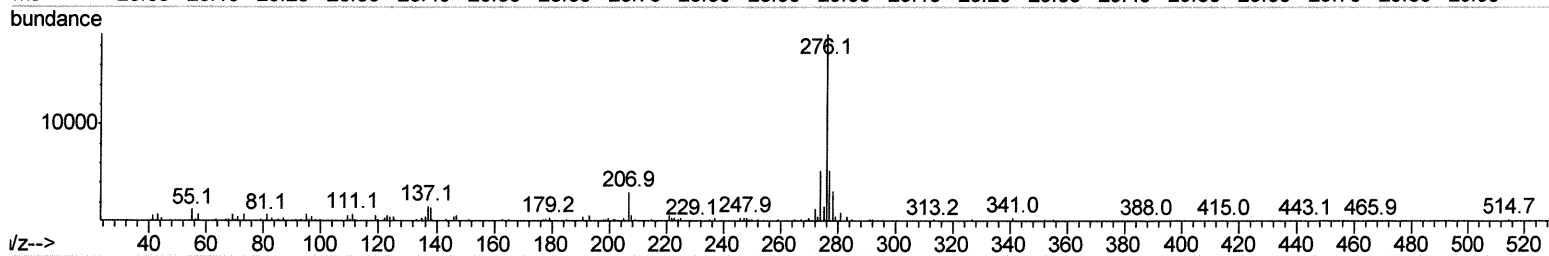
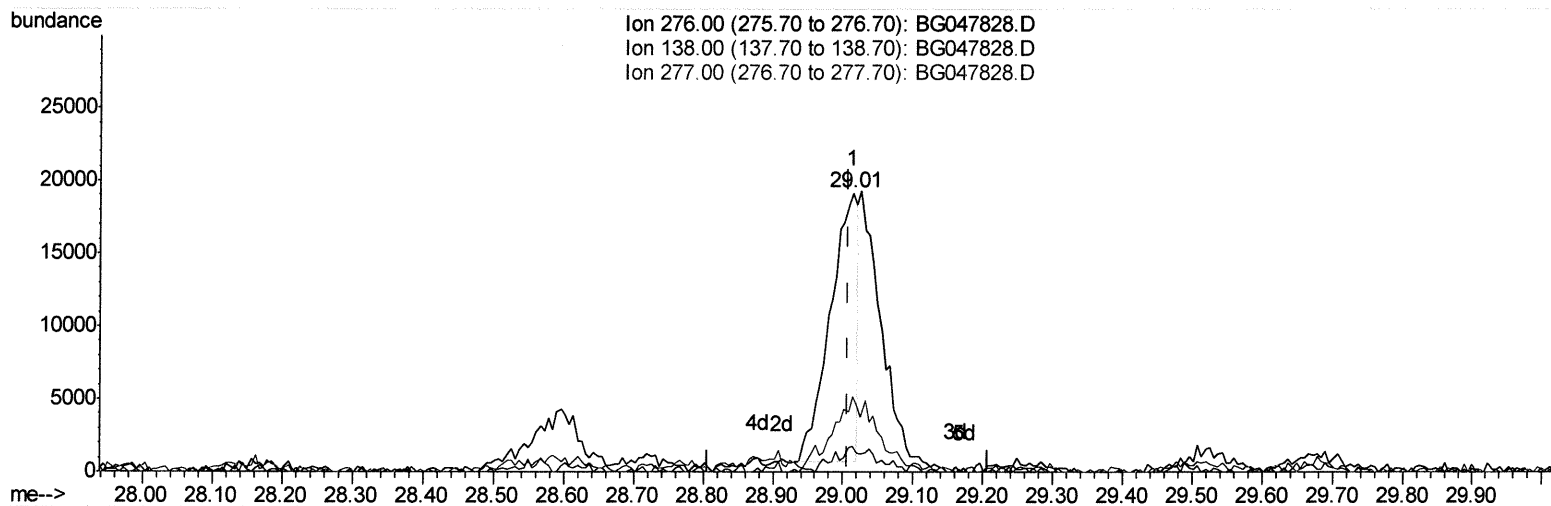
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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 Acq On : 24 Dec 2020 13:18
 Operator : CG/JU
 Sample : L5149-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB897

Manual Integrations
 APPROVED

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

29.014min (+0.006) 3.76ng/ul

response 49932

Ion	Exp%	Act%
276.00	100	100
138.00	5.80	9.37#
277.00	24.90	27.06
0.00	0.00	0.00

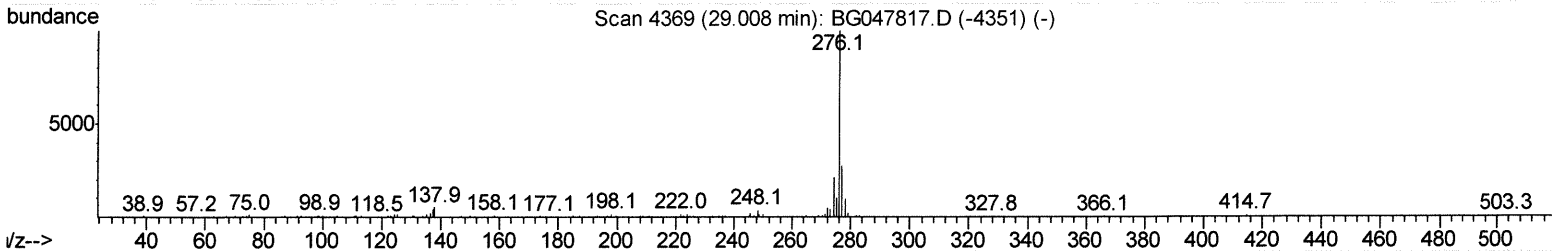
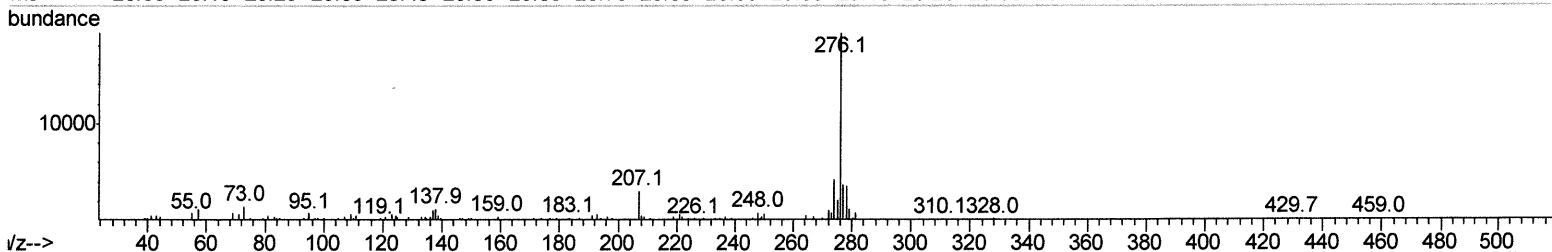
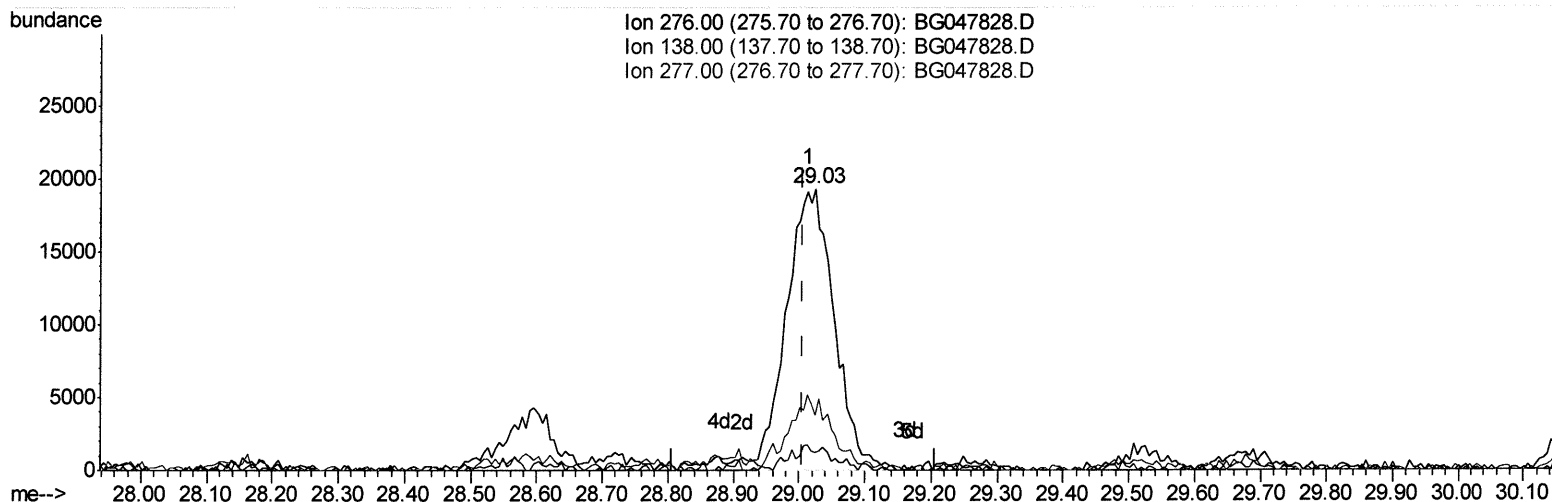
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 Data File : BG047828.D
 Acq On : 24 Dec 2020 13:18
 Operator : CG/JU
 Sample : L5149-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB897

Manual Integrations
 APPROVED

mohammad
 12/28/2020 1:36:03 PM

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 Response via : Initial Calibration



TIC: BG047828.D

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

29.025min (+0.018) 7.21ng/ul m

Jan 21/20

response 95786

Ion	Exp%	Act%
276.00	100	100
138.00	5.80	6.59
277.00	24.90	19.47#
0.00	0.00	0.00

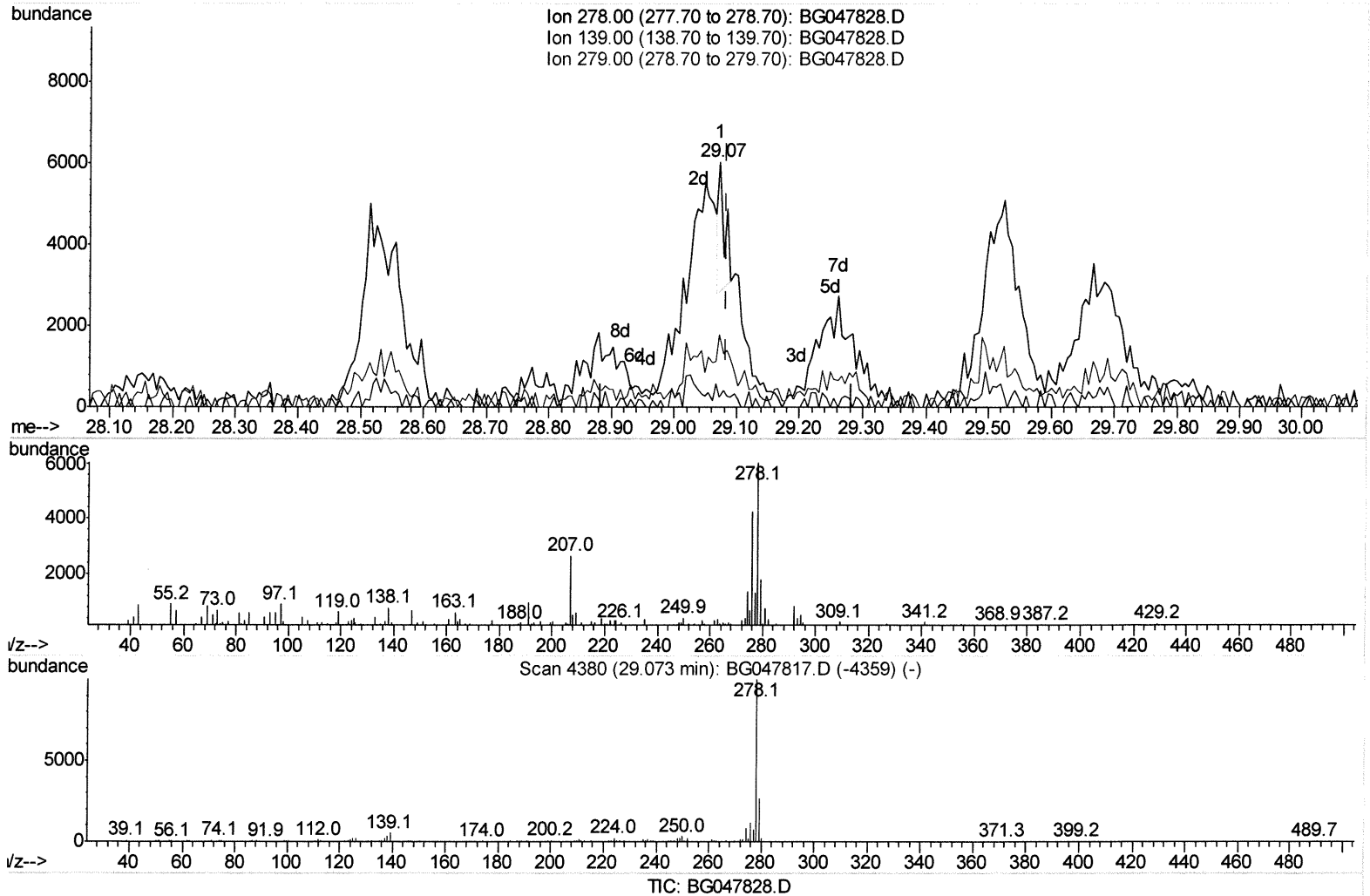
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Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB897

Manual Integrations
APPROVED

mohammad
12/28/2020 1:36:03 PM

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Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

29.072min (-0.011) 0.19ng/ul

response 2116

Ion	Exp%	Act%
278.00	100	100
139.00	6.40	4.11#
279.00	22.70	29.60#
0.00	0.00	0.00

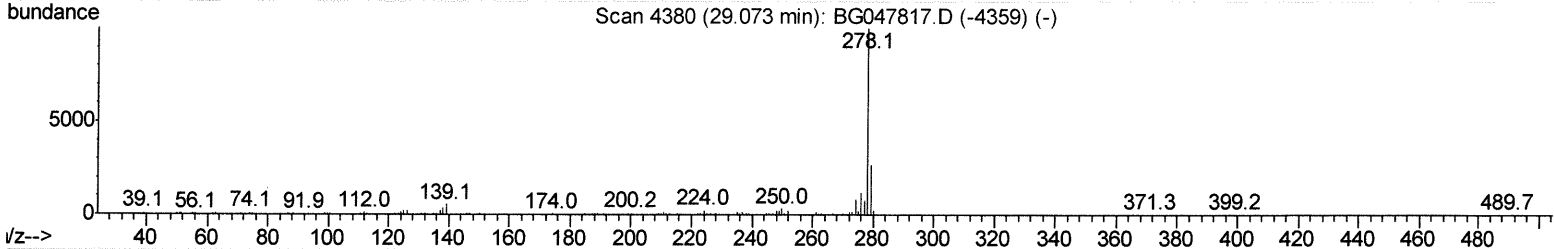
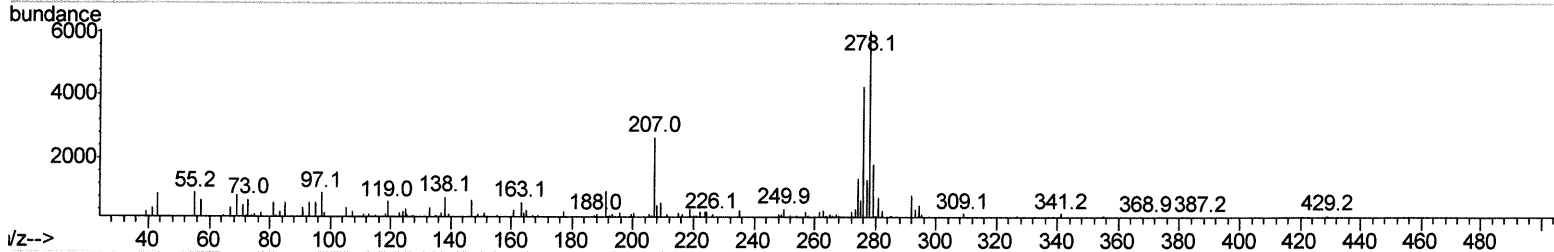
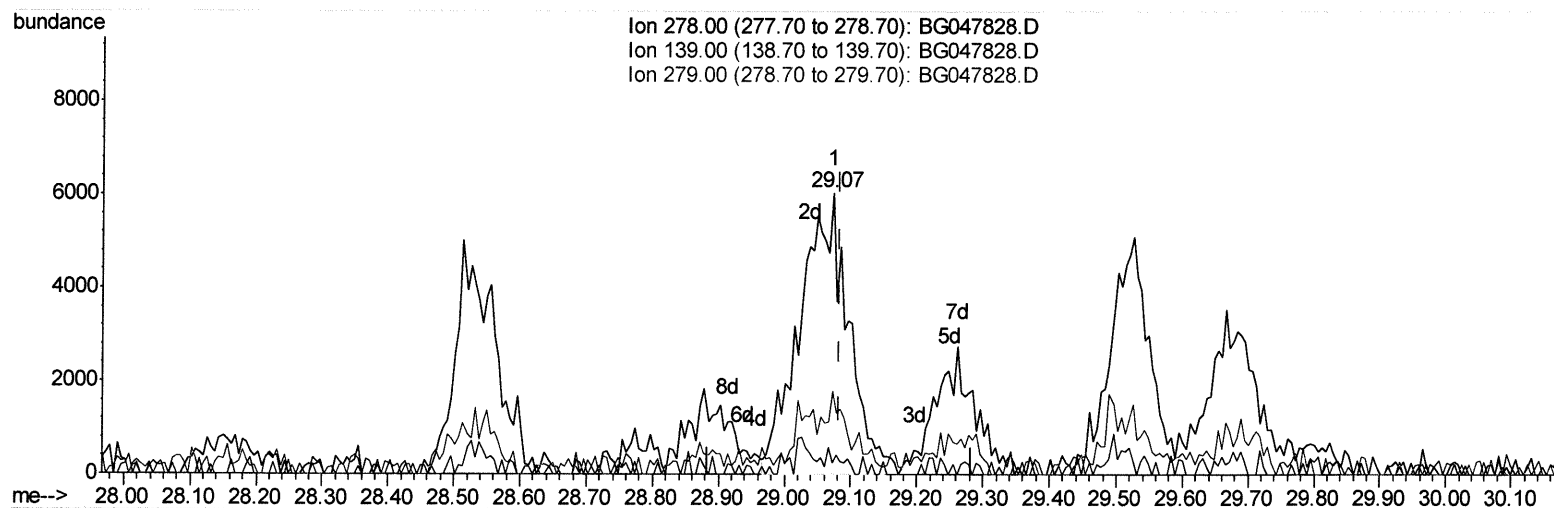
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 Data File : BG047828.D
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 Sample : L5149-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/28/2020 1:36:03 PM

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 Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

29.072min (-0.011) 2.75ng/ul m

response 30565

Ion	Exp%	Act%
278.00	100	100
139.00	6.40	4.11#
279.00	22.70	29.60#
0.00	0.00	0.00

Handwritten signature: JU 2/28/20

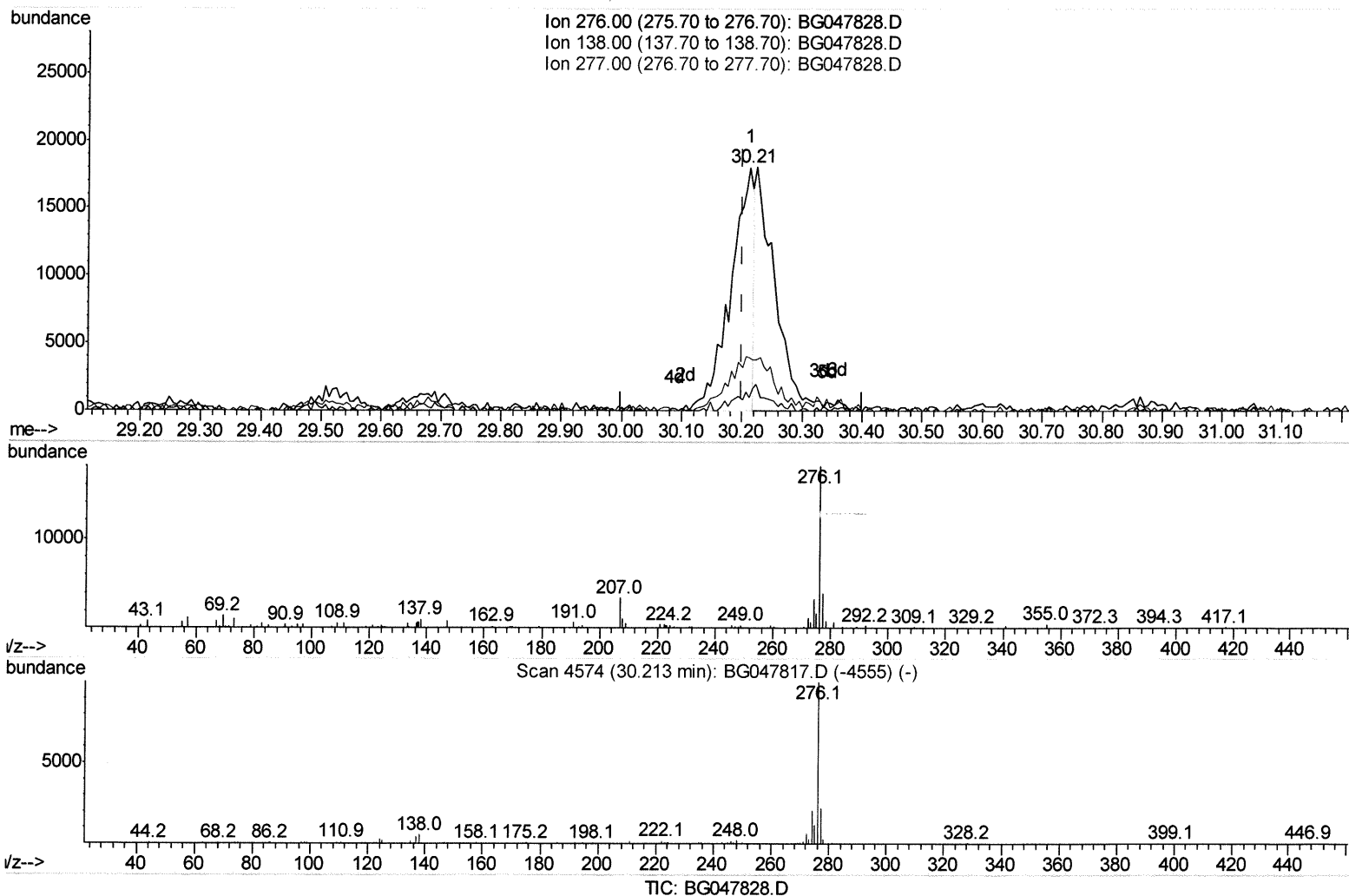
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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(94) Benzo(g,h,i)perylene

30.212min (+0.012) 4.40ng/ul

response 47923

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	5.62
277.00	22.30	21.94
0.00	0.00	0.00

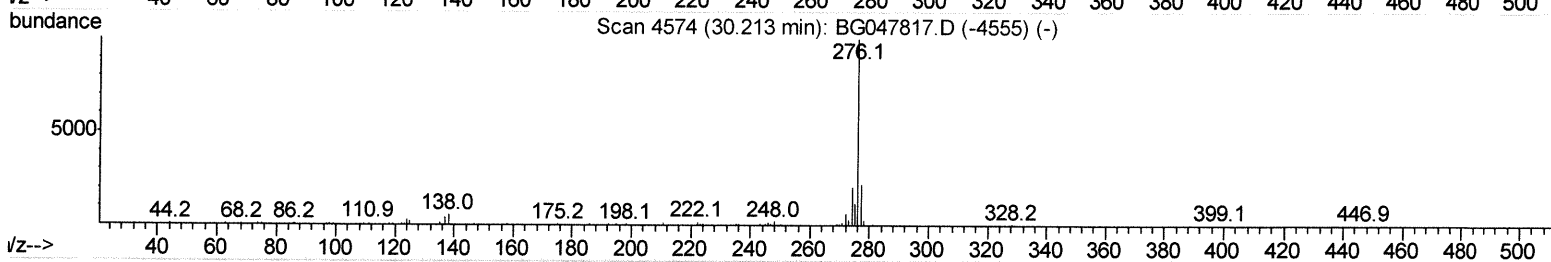
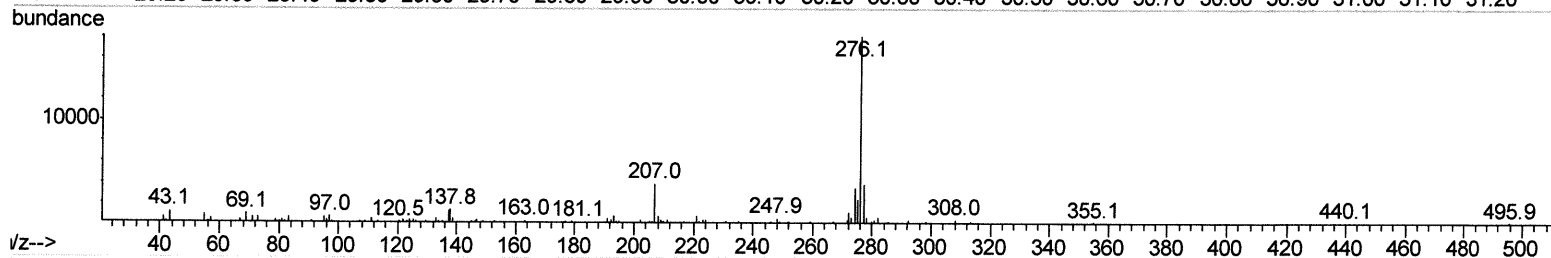
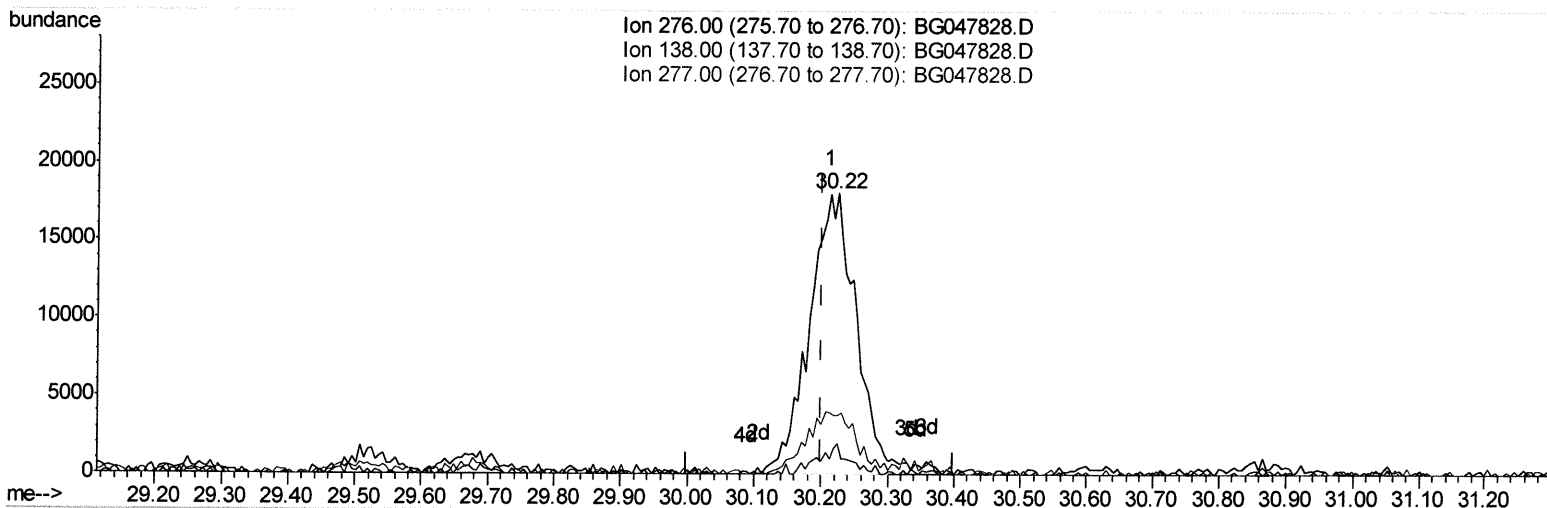
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(94) Benzo(g,h,i)perylene

30.224min (+0.024) 7.91ng/ul m

response 86287

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	7.61
277.00	22.30	20.93
0.00	0.00	0.00

JE 12/31/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	30474	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	111159	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	78611	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	182984	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	171597	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	172981	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4316	7.54	ng/uL	0.00
5) Phenol-d5	7.34	99	100984	38.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	54476	40.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	77604	39.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	80609	38.94	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	37429	41.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	47007	43.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	93154	39.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	99739	45.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	272195	39.86	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	341499	43.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	38746	38.26	ng/ul	0.00
58) Fluorene-d10	15.81	176	250728	39.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	44067	35.58	ng/ul	0.00
71) Anthracene-d10	17.66	188	373379	40.91	ng/ul	0.00
79) Pyrene-d10	19.93	212	418321	41.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	430276	42.59	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.08	128	44419	7.166	ng/ul#	95
34) 2-Methylnaphthalene	12.66	142	18570	3.889	ng/ul	86
48) Acenaphthylene	14.55	152	7241	1.001	ng/ul	95
50) Acenaphthene	14.88	153	21194	4.145	ng/ul	95
54) Dibenzofuran	15.22	168	30940	4.147	ng/ul	97
59) Fluorene	15.86	166	33962	5.324	ng/ul	85
70) Phenanthrene	17.60	178	432602	43.619	ng/ul	99
72) Anthracene	17.69	178	104839m	10.605	ng/ul	99
75) Carbazole	17.96	167	22945	2.910	ng/ul#	92
77) Fluoranthene	19.60	202	575177	45.579	ng/ul	99
80) Pyrene	19.96	202	465585	37.306	ng/ul#	98
83) Benzo(a)anthracene	21.81	228	249361	20.340	ng/ul	97
85) Chrysene	21.88	228	221910	19.179	ng/ul	99
88) Benzo(b)fluoranthene	24.12	252	275246	22.794	ng/ul#	98
89) Benzo(k)fluoranthene	24.18	252	81620m	6.820	ng/ul	} Jun 24/31/20
91) Benzo(a)pyrene	25.02	252	161045m	14.789	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.03	276	95786m	7.213	ng/ul	
93) Dibenzo(a,h)anthracene	29.07	278	30565m	2.746	ng/ul	
94) Benzo(g,h,i)perylene	30.22	276	86287m	7.914	ng/ul	

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