

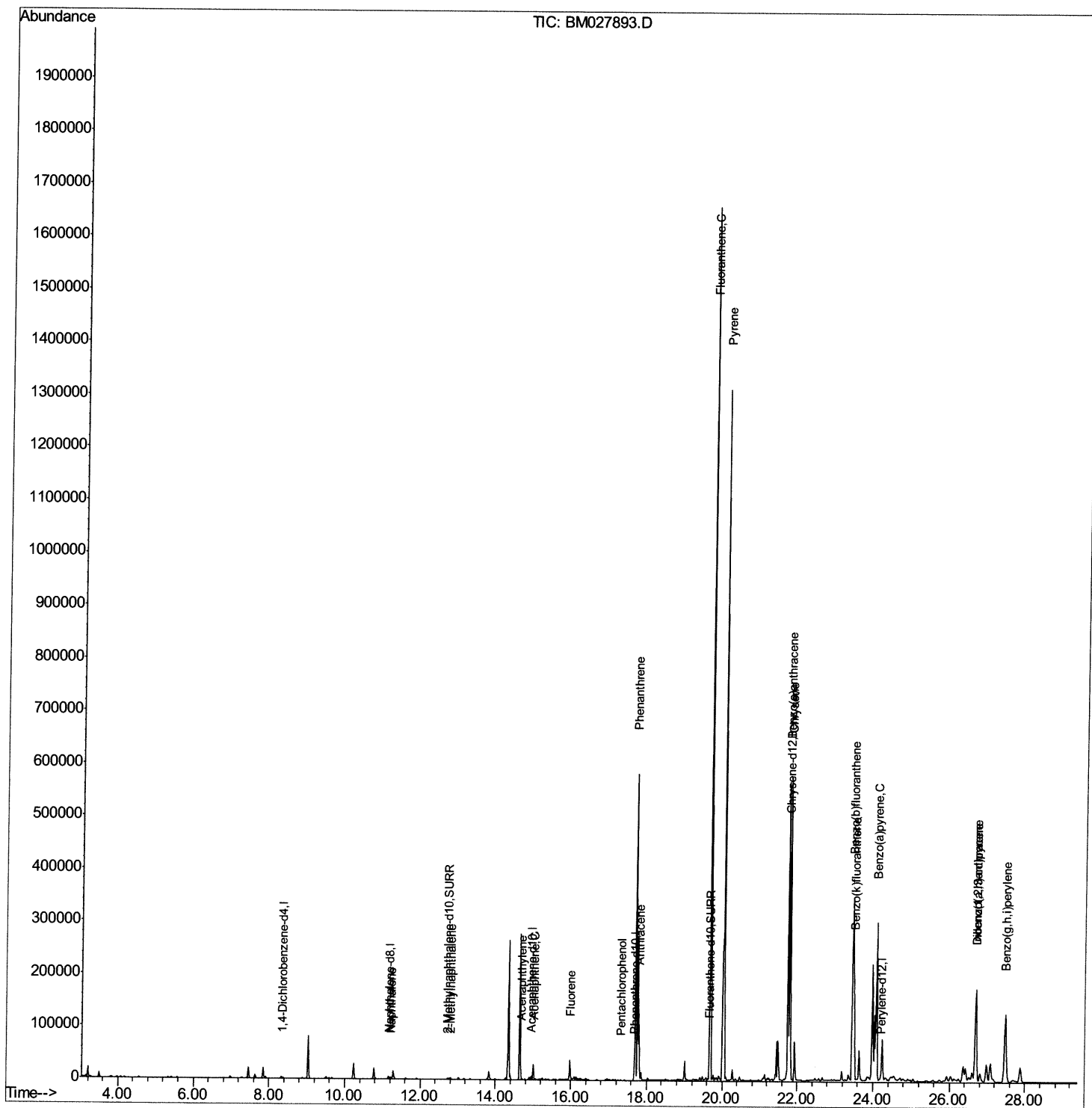
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027893.D
Acq On : 21 Nov 2020 22:21
Operator : JU/CG
Sample : L4711-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BF2

Manual Integrations
APPROVED

mohammad
11/24/2020 8:59:19 AM

Quant Time: Nov 23 04:55:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

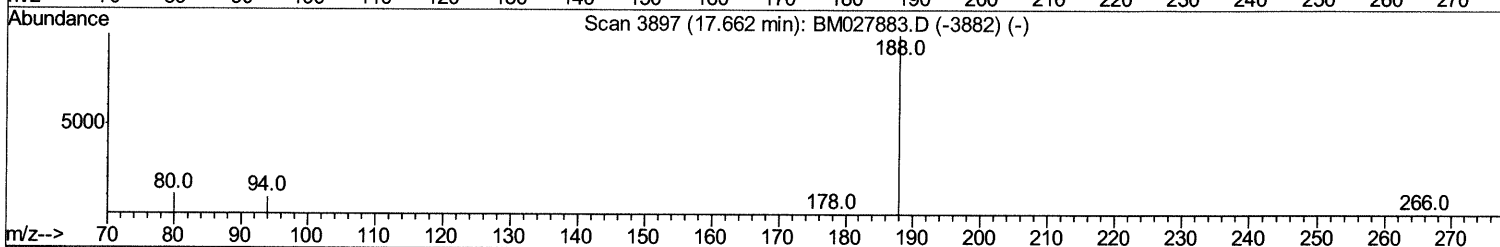
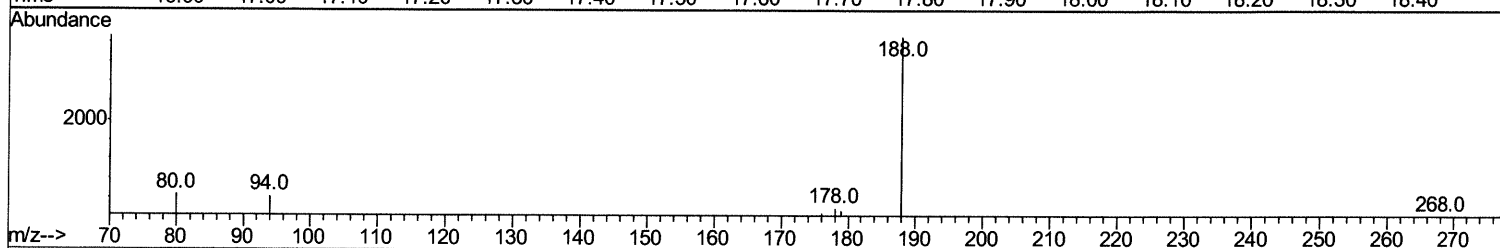
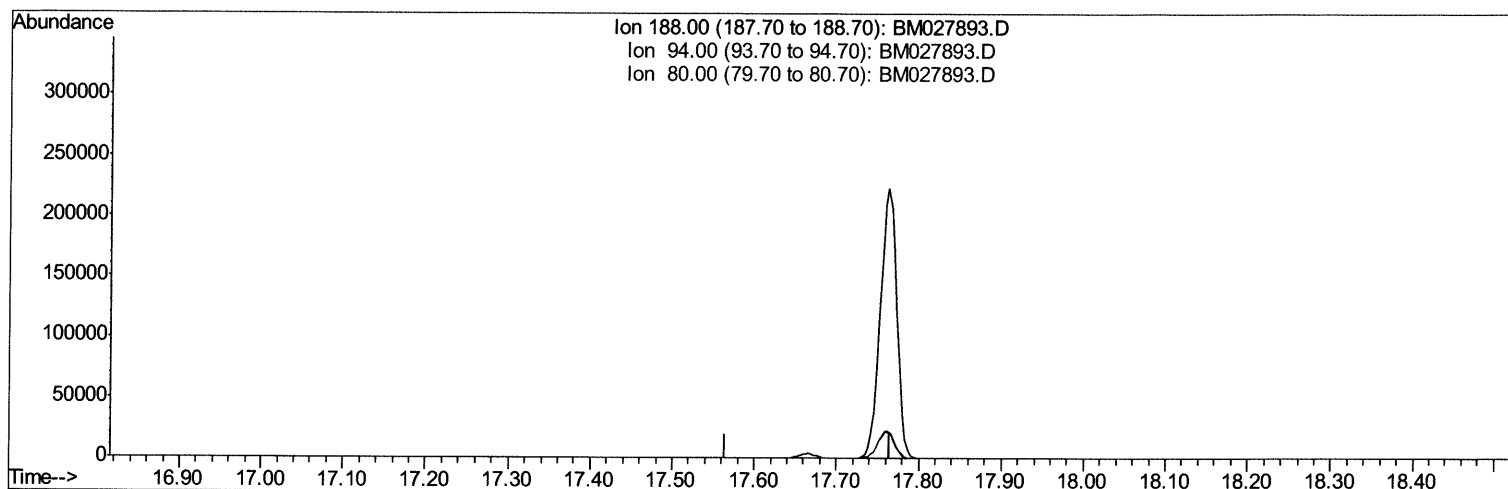
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Quant Time: Nov 23 04:07:25 2020
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TIC: BM027893.D

(10) Phenanthrene-d10 (I)

17.666min (-17.666) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	9.30	0.00#
80.00	10.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

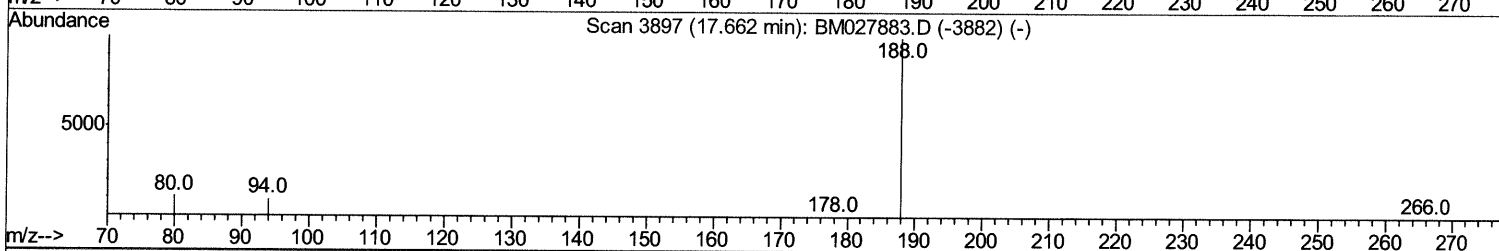
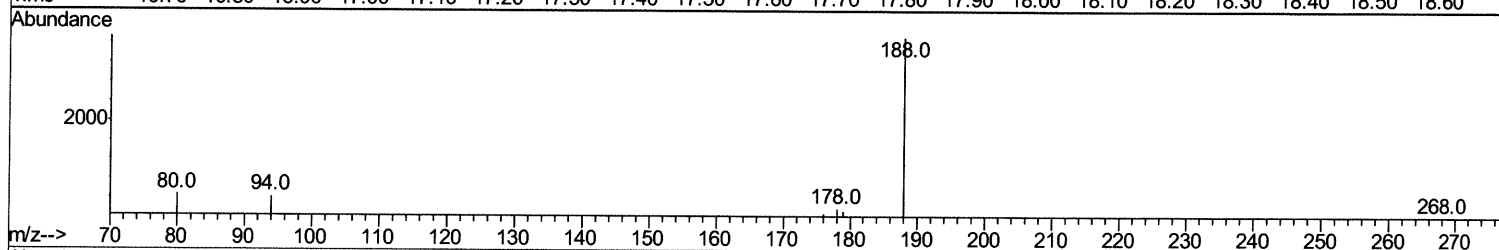
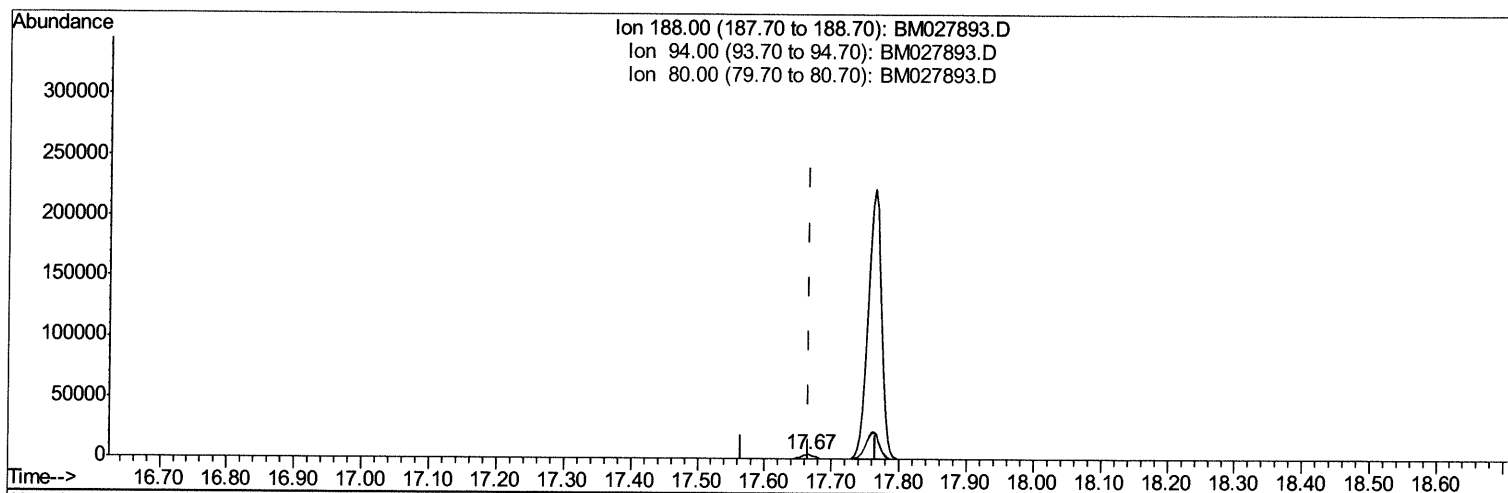
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TIC: BM027893.D

(10) Phenanthrene-d10 (I)

17.665min (-0.000) 0.40ng/ul m 11/27/2024

response 5001

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	11.71#
80.00	10.20	12.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

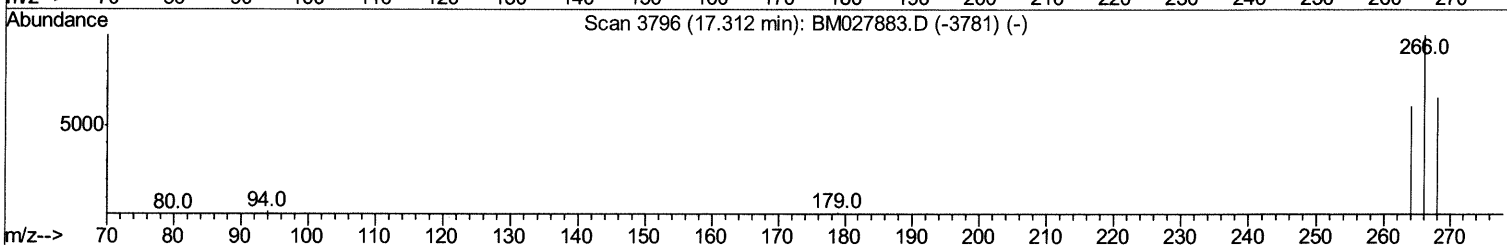
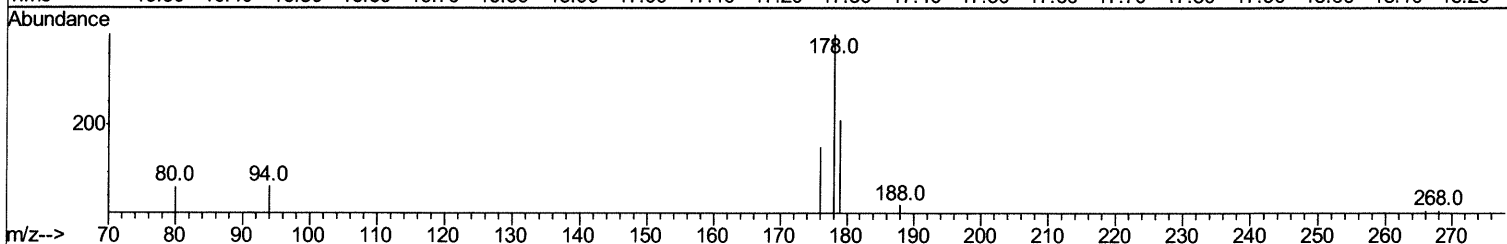
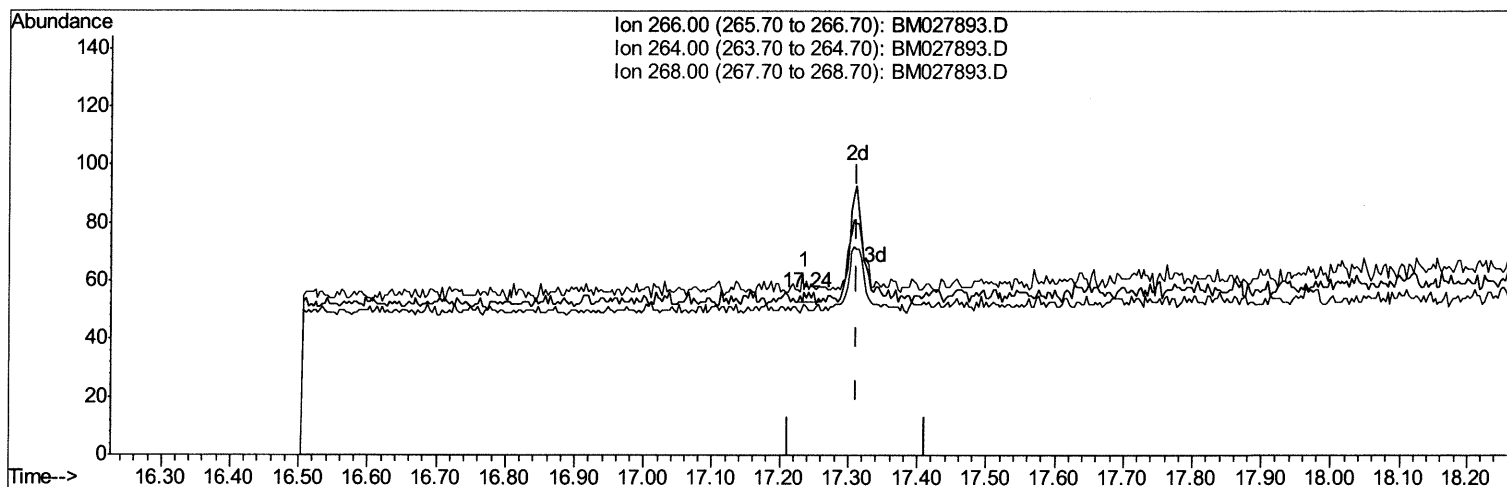
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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 Sample : L4711-05
 Misc :
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Manual Integrations
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Quant Time: Nov 23 04:50:53 2020
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TIC: BM027893.D

(11) Pentachlorophenol

17.235min (-0.076) 0.00ng/ul

response 3

Ion	Exp%	Act%
266.00	100	100
264.00	62.00	66.67
268.00	65.10	66.67
0.00	0.00	0.00

Quantitation Report (Qedit)

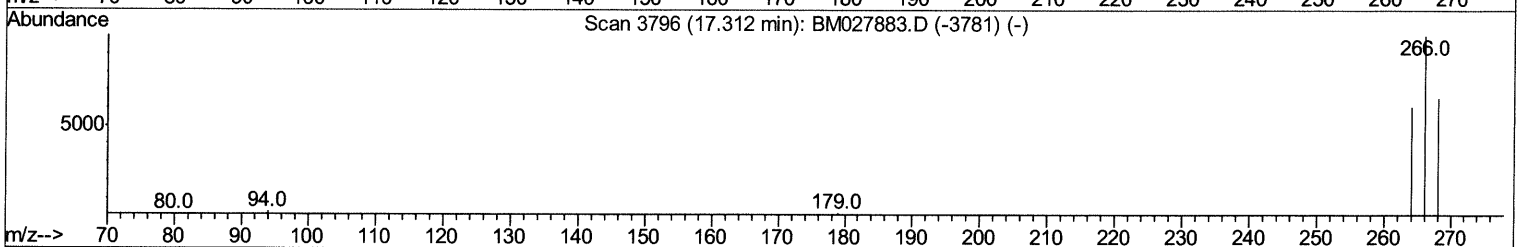
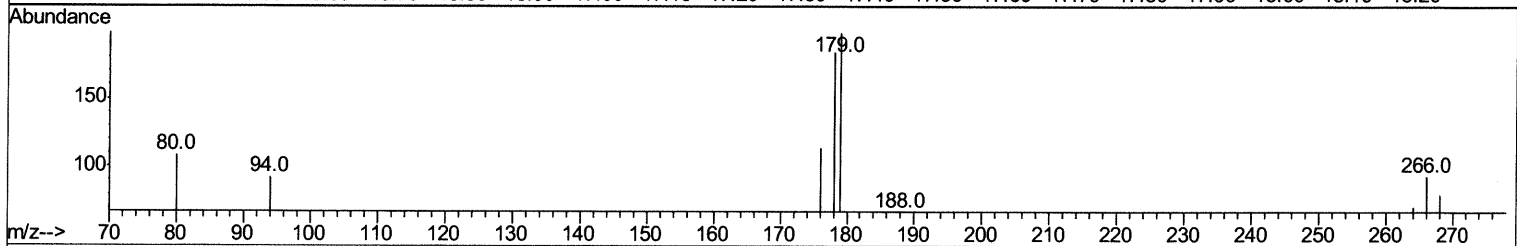
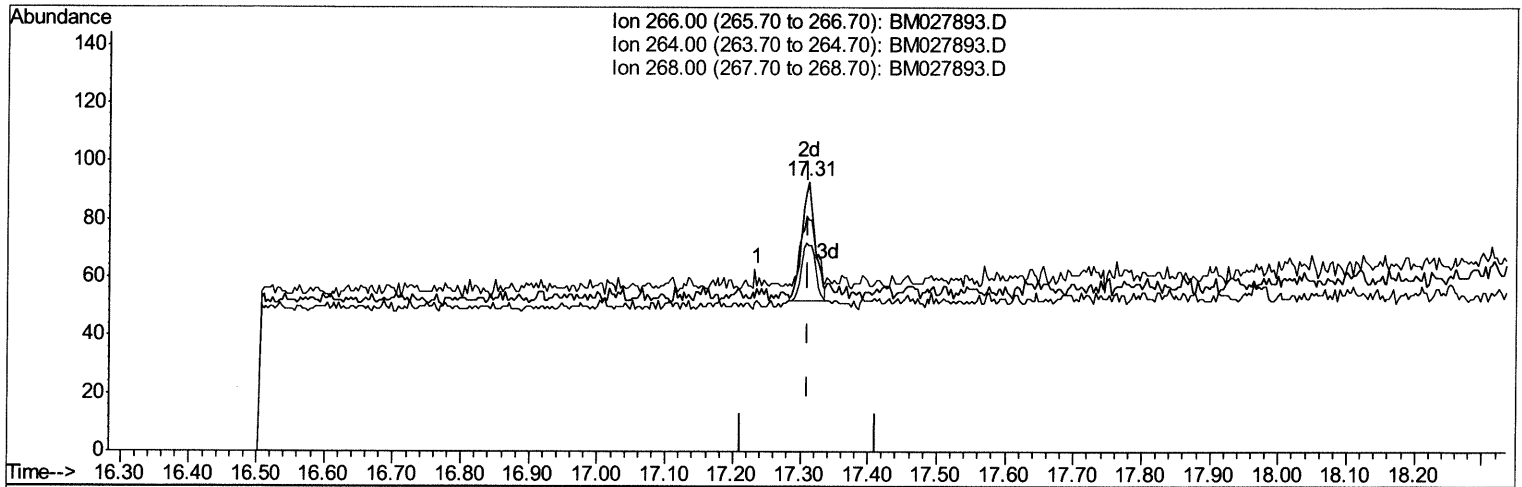
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 Operator : JU/CG
 Sample : L4711-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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TIC: BM027893.D

(11) Pentachlorophenol

17.311min (0.000) 0.03ng/ul m 11/27/2020

response 56

Ion	Exp%	Act%
266.00	100	100
264.00	62.00	3.57#
268.00	65.10	3.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

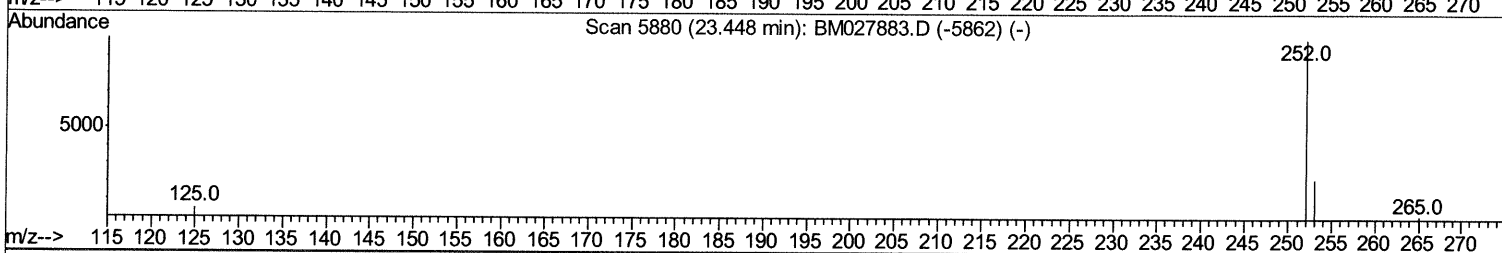
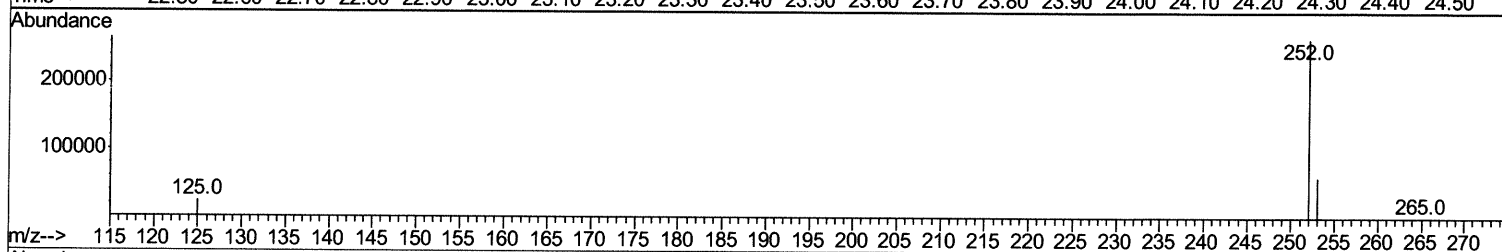
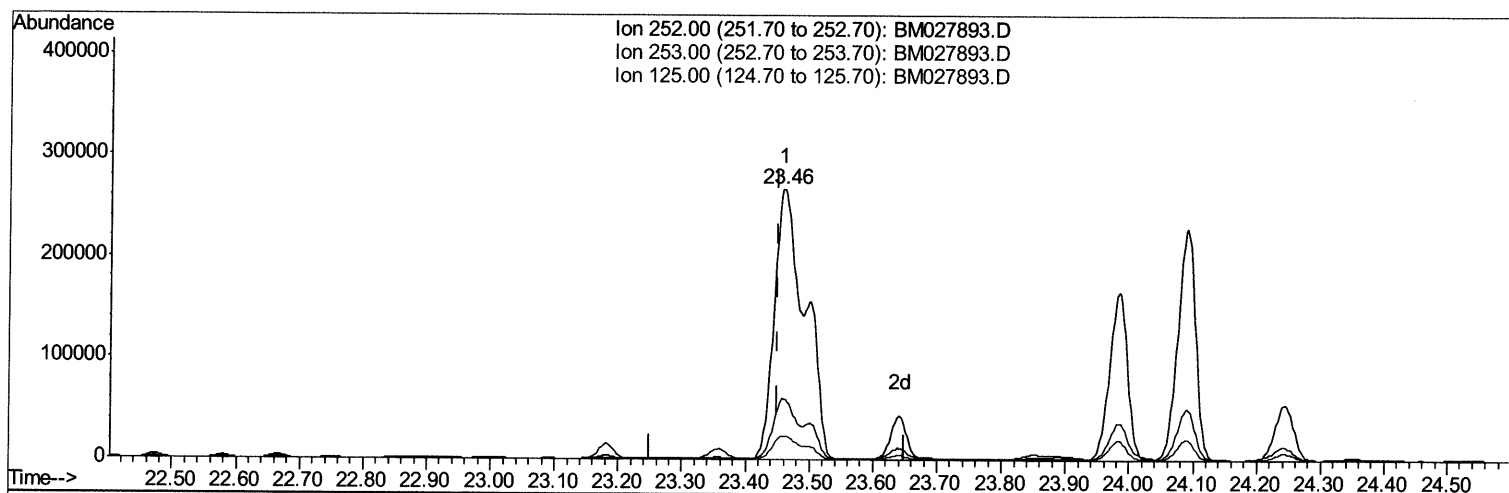
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027893.D
Acq On : 21 Nov 2020 22:21
Operator : JU/CG
Sample : L4711-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM027893.D

(21) Benzo(b)fluoranthene
23.460min (+0.010) 64.14ng/ul
response 888951
Ion Exp% Act%
252.00 100 100
253.00 29.80 22.50
125.00 14.20 8.82
0.00 0.00 0.00

Quantitation Report (Qedit)

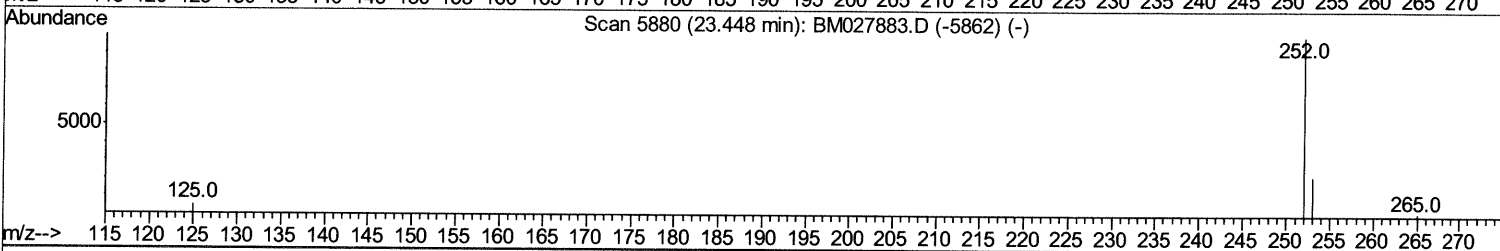
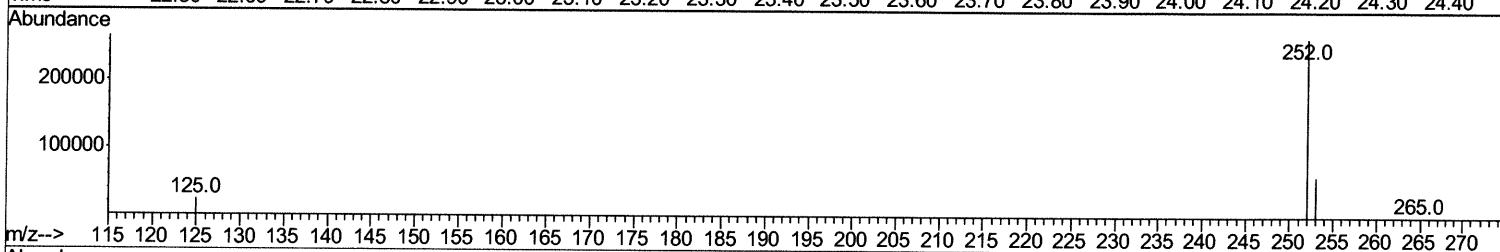
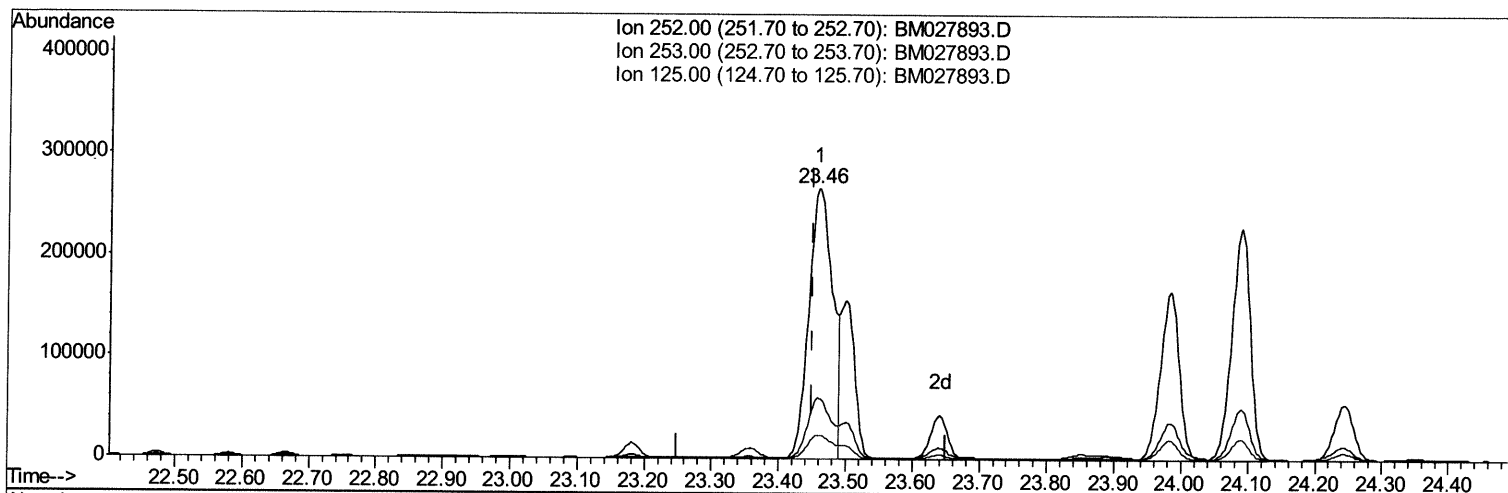
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027893.D
Acq On : 21 Nov 2020 22:21
Operator : JU/CG
Sample : L4711-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0BF2

Manual Integrations
APPROVED

mohammad
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Quant Time: Nov 23 04:50:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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Response via : Initial Calibration



TIC: BM027893.D

(21) Benzo(b)fluoranthene

23.460min (+0.010) 47.20ng/ul m 11/27/2020

response 654196

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.50
125.00	14.20	8.82
0.00	0.00	0.00

Quantitation Report (Qedit)

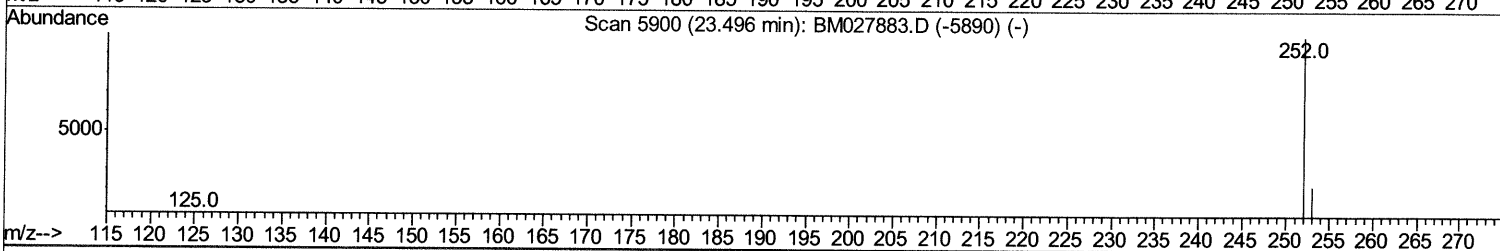
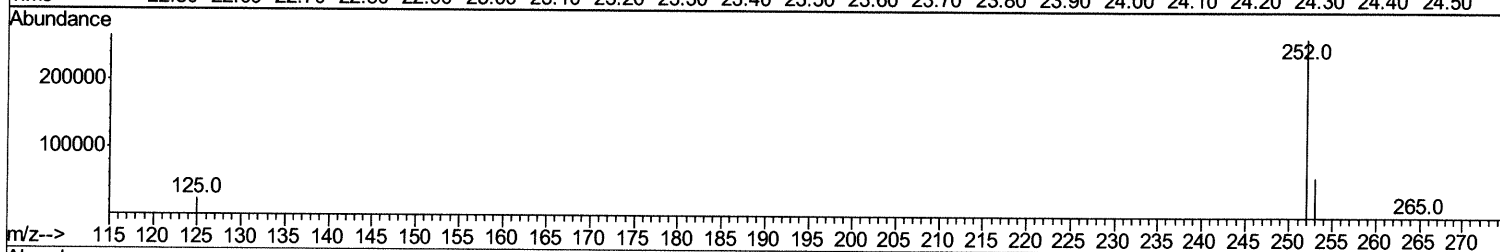
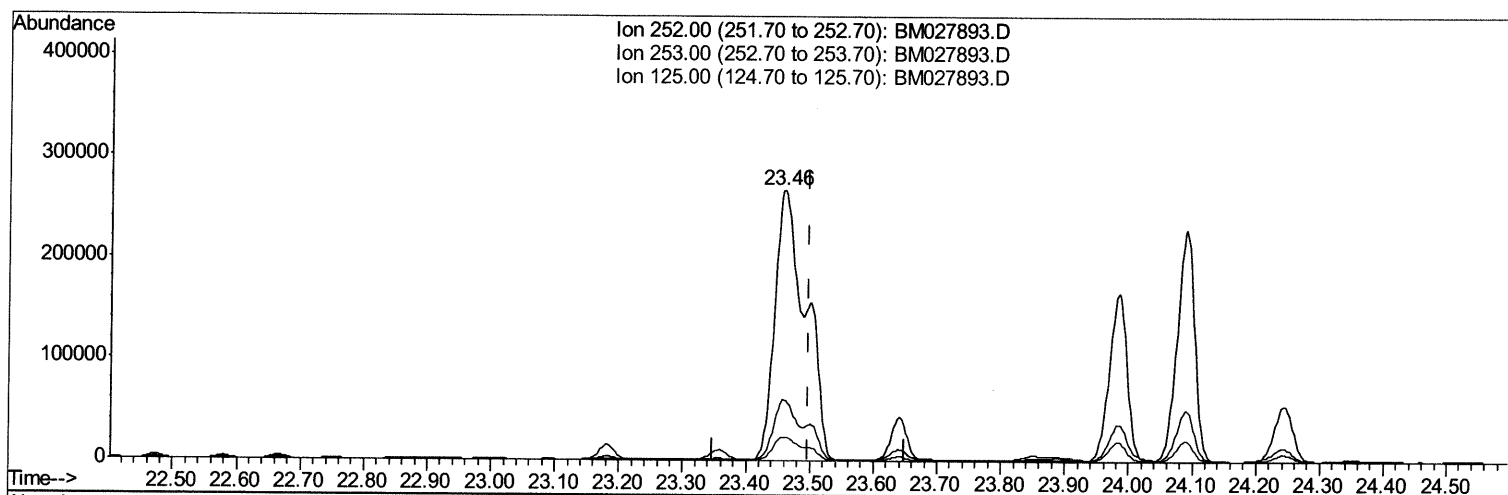
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027893.D
Acq On : 21 Nov 2020 22:21
Operator : JU/CG
Sample : L4711-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BF2

Manual Integrations
APPROVED

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TIC: BM027893.D

(22) Benzo(k)fluoranthene

23.460min (-0.039) 65.49ng/ul

response 888951

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	22.50#
125.00	14.70	8.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

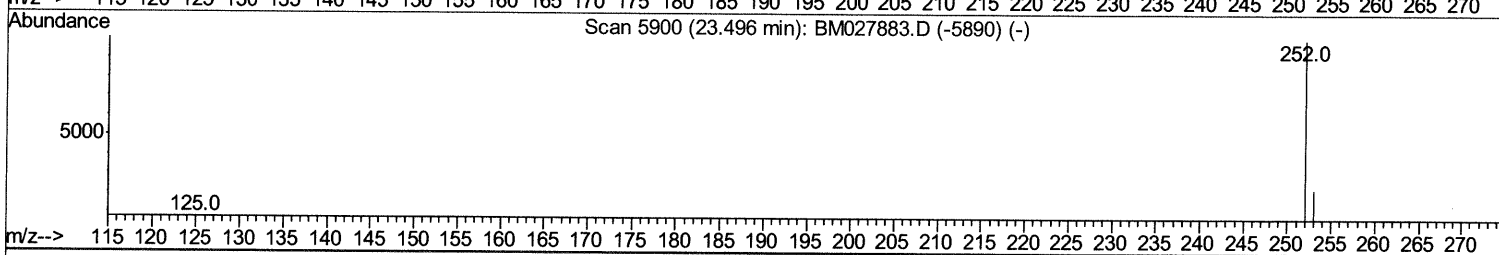
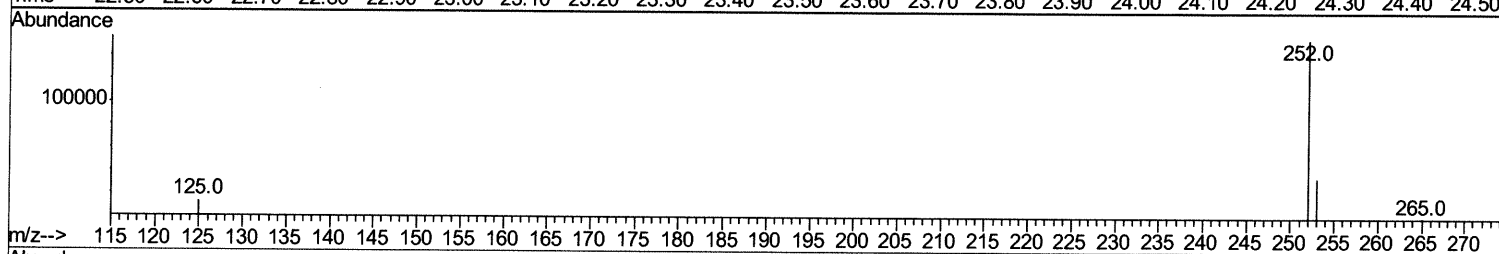
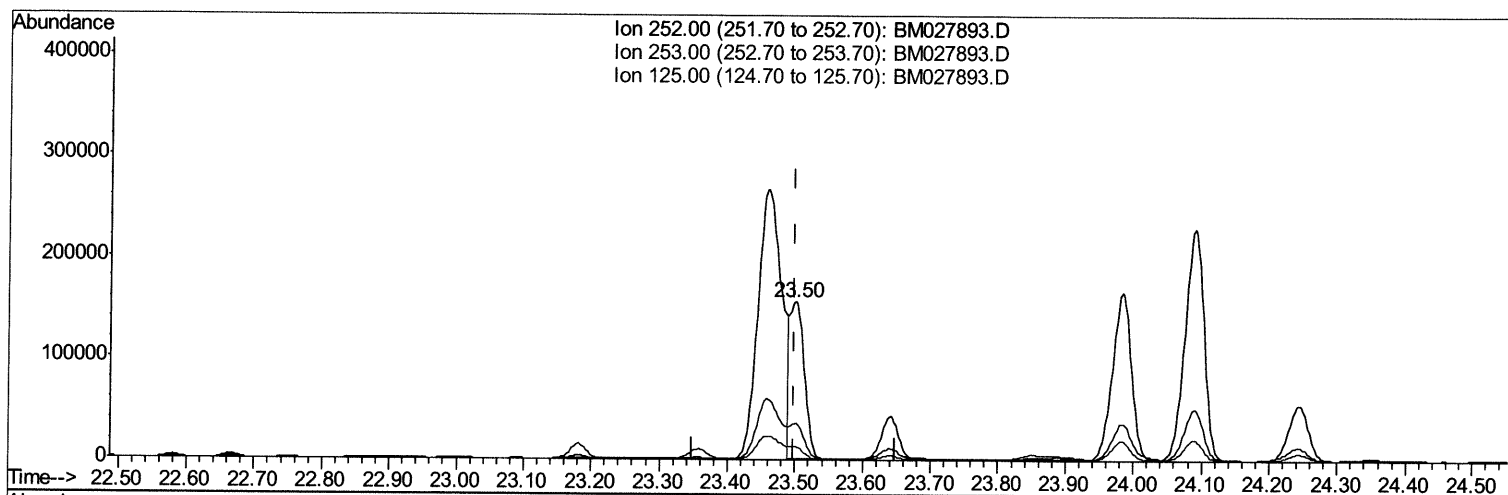
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027893.D
Acq On : 21 Nov 2020 22:21
Operator : JU/CG
Sample : L4711-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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TIC: BM027893.D

(22) Benzo(k)fluoranthene

23.501min (+0.002) 17.11ng/ul m 11/21/2020

response 232199

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.03#
125.00	14.70	8.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

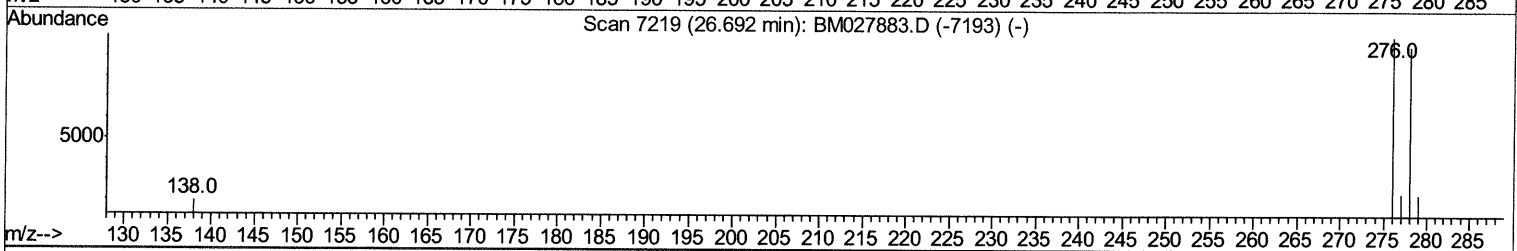
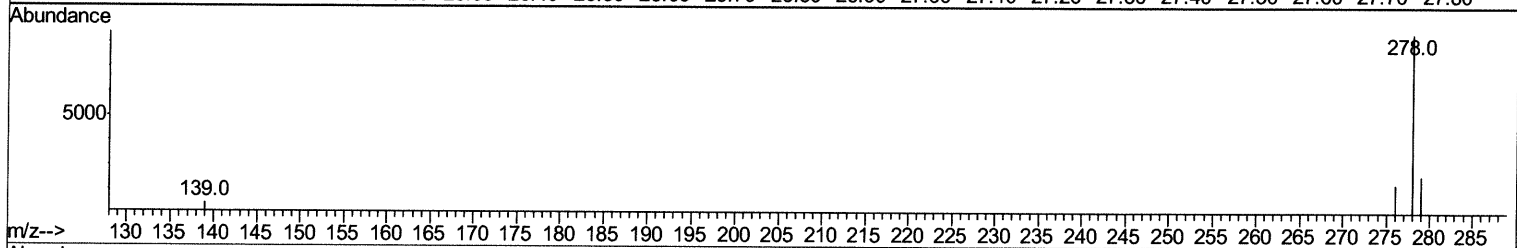
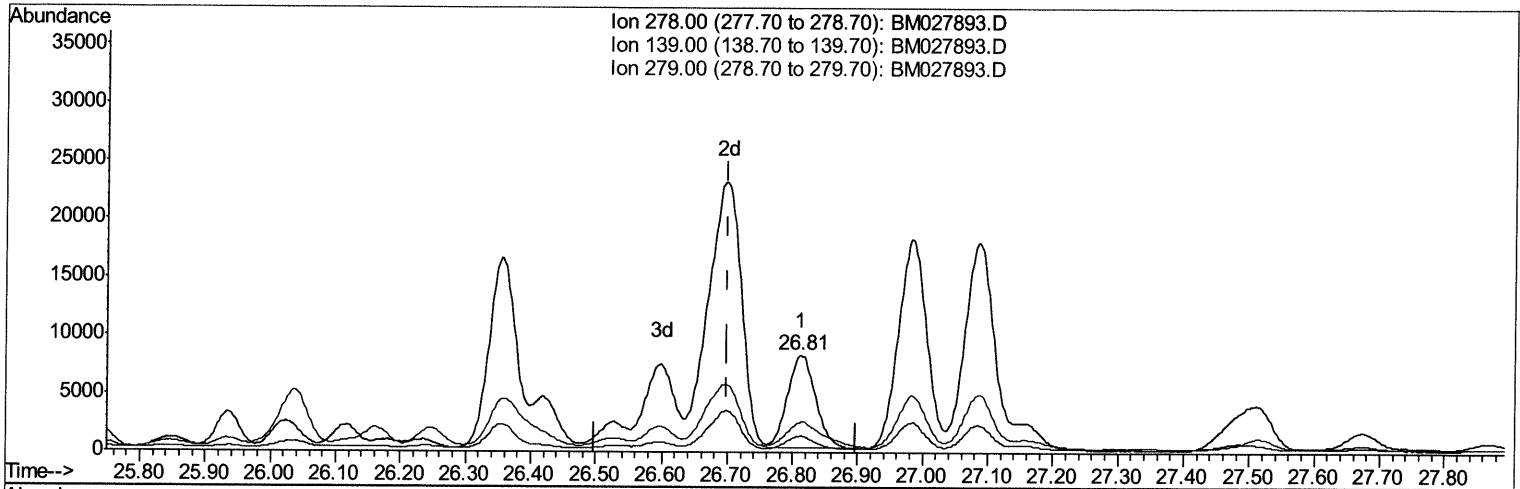
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 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
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TIC: BM027893.D

(25) Dibenzo(a,h)anthracene

26.813min (+0.114) 2.20ng/ul

response 24072

Ion	Exp%	Act%
278.00	100	100
139.00	18.50	17.05
279.00	32.20	30.92
0.00	0.00	0.00

Quantitation Report (Qedit)

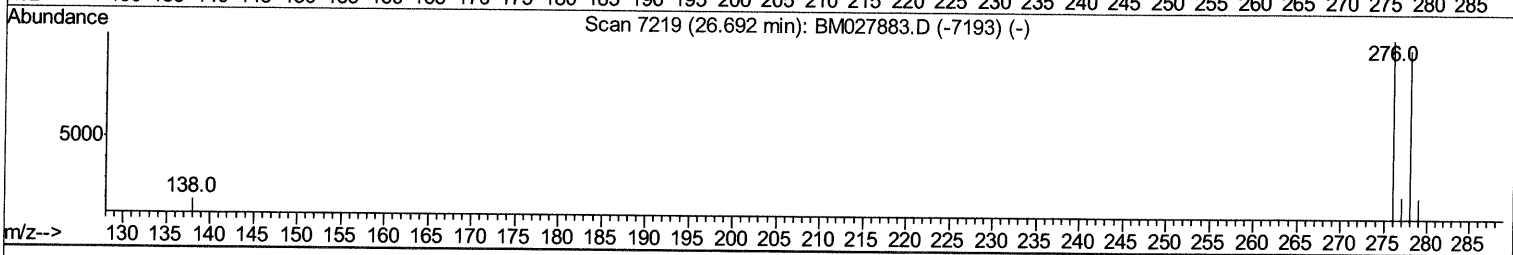
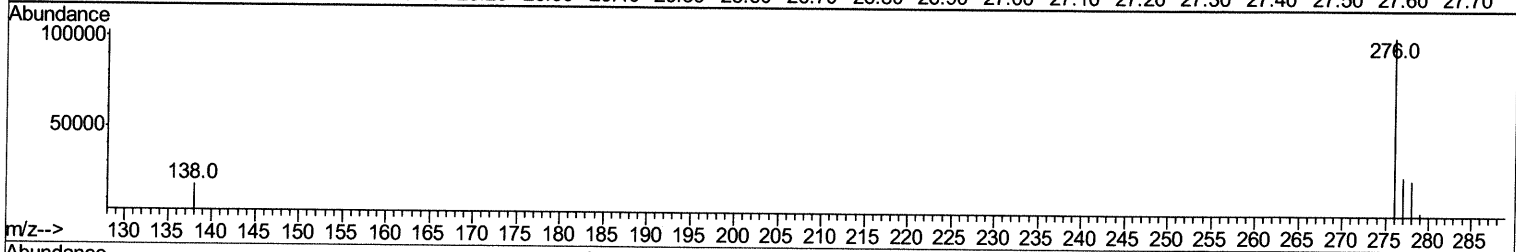
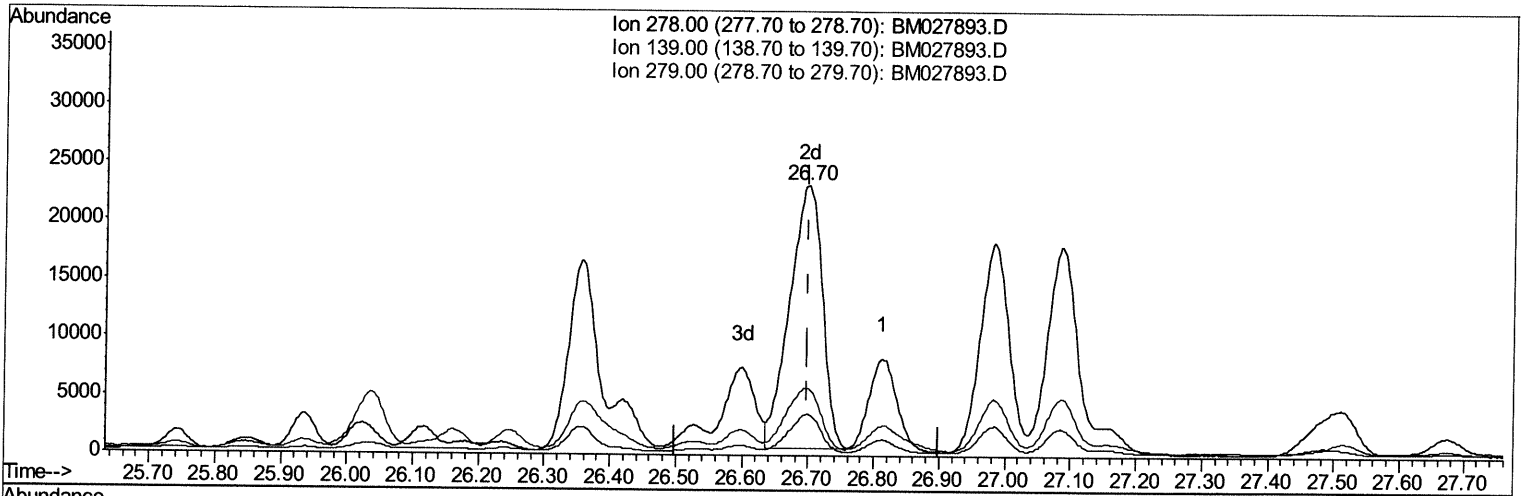
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TIC: BM027893.D

(25) Dibenzo(a,h)anthracene

26.699min (0.000) 7.20ng/ul m 11/27/2024

response 78626

Ion	Exp%	Act%
278.00	100	100
139.00	18.50	15.34
279.00	32.20	24.96#
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	8.33	152	1284	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5123	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3044	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	5001m >	0.40	ng/ul >	0.00 11/27/2024
16) Chrysene-d12	21.77	240	2876	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3298	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2246	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3006	0.22	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.22	128	3069	0.200	ng/ul	98
5) 2-Methylnaphthalene	12.80	142	1443	0.138	ng/ul	99
7) Acenaphthylene	14.68	152	4640	0.312	ng/ul	98
8) Acenaphthene	15.01	153	16341	1.468	ng/ul	98
9) Fluorene	15.98	166	21810	1.689	ng/ul	100
11) Pentachlorophenol	17.31	266	56m >	0.033	ng/ul >	11/27/2024
12) Phenanthrene	17.71	178	603033	38.172	ng/ul	97
13) Anthracene	17.79	178	136108	8.932	ng/ul	98
15) Fluoranthene	19.69	202	1408209	80.394	ng/ul	98
17) Pyrene	20.05	202	1115475	76.370	ng/ul	98
18) Benzo(a)anthracene	21.75	228	515180	44.397	ng/ul	100
19) Chrysene	21.81	228	558741	49.435	ng/ul	99
21) Benzo(b)fluoranthene	23.46	252	654196m	47.199	ng/ul	11/27/2024
22) Benzo(k)fluoranthene	23.50	252	232199m	17.107	ng/ul	11/27/2024
23) Benzo(a)pyrene	24.09	252	439535	36.270	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.70	276	308436	23.508	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.70	278	78626m >	7.197	ng/ul >	11/27/2024
26) Benzo(a,h,i)perylene	27.48	276	297861	27.058	ng/ul	92

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