

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022630.D
Acq On : 10 Sep 2019 21:25
Operator : HP/JU
Sample : K4708-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:58:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

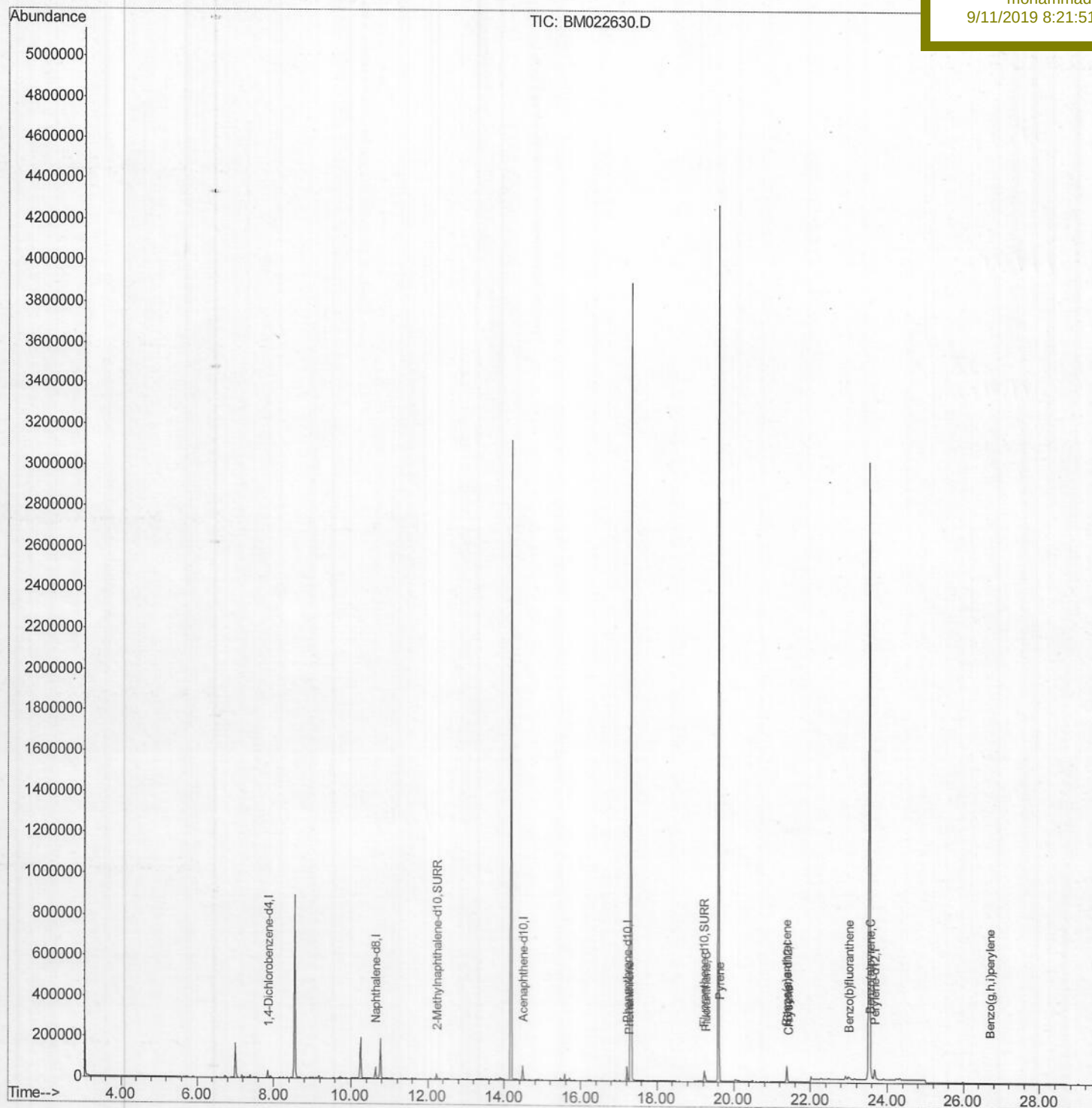
CB5Q5

Manual Integrations

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9/11/2019 8:21:51 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:52:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

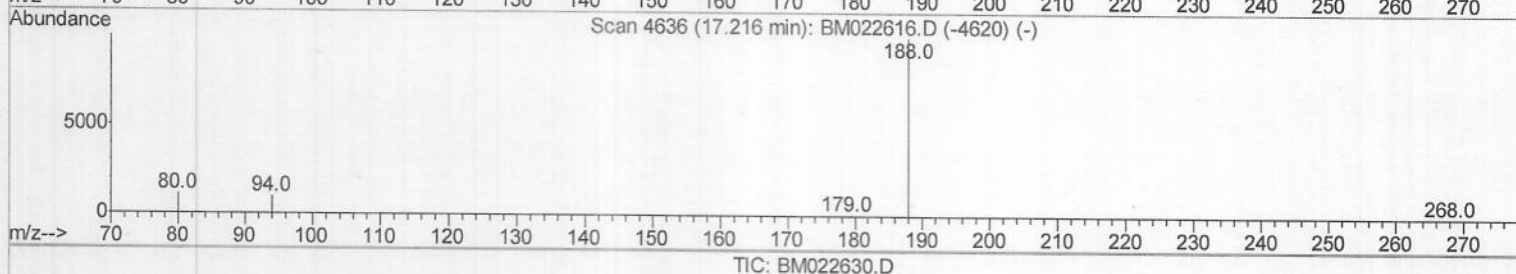
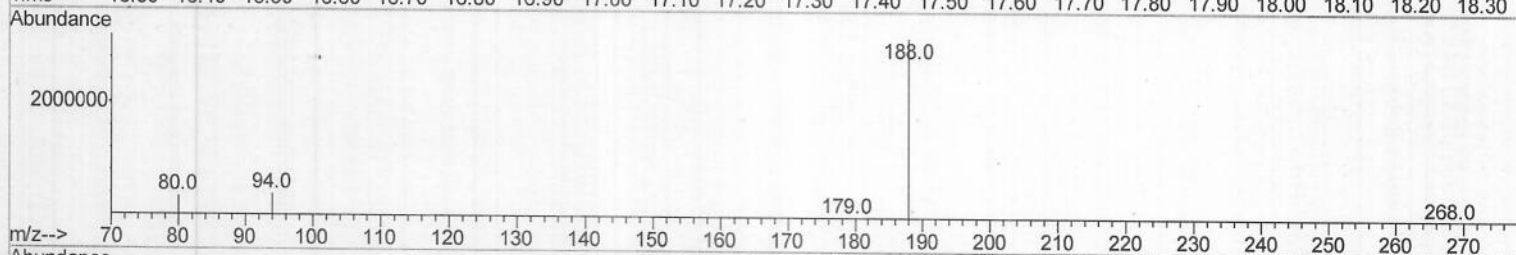
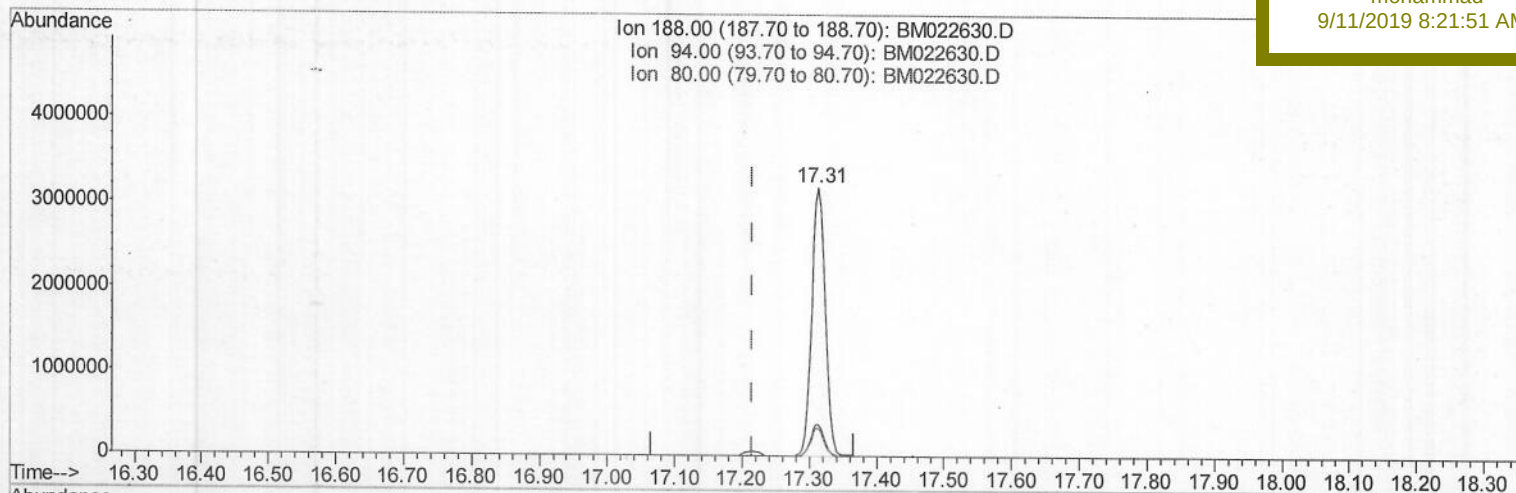
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(10) Phenanthrene-d10 (I)

17.313min (+0.097) 0.40ng/ul

response 4489147

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	11.79#
80.00	11.00	10.43
0.00	0.00	0.00

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Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:52:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

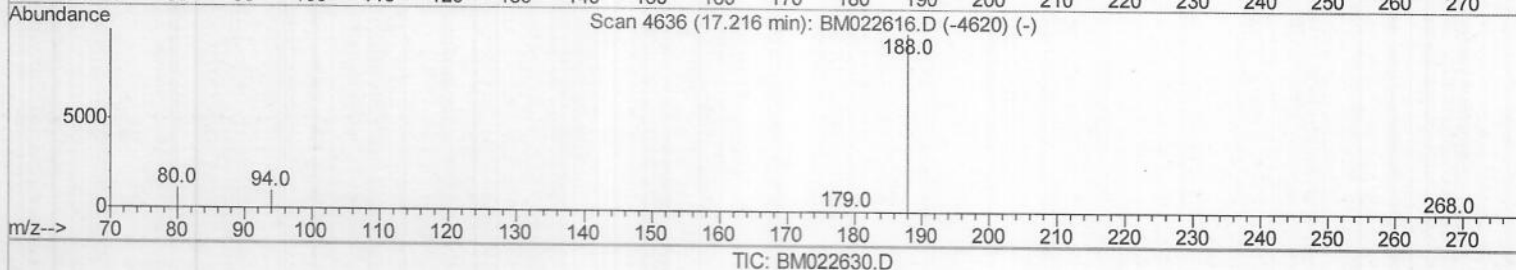
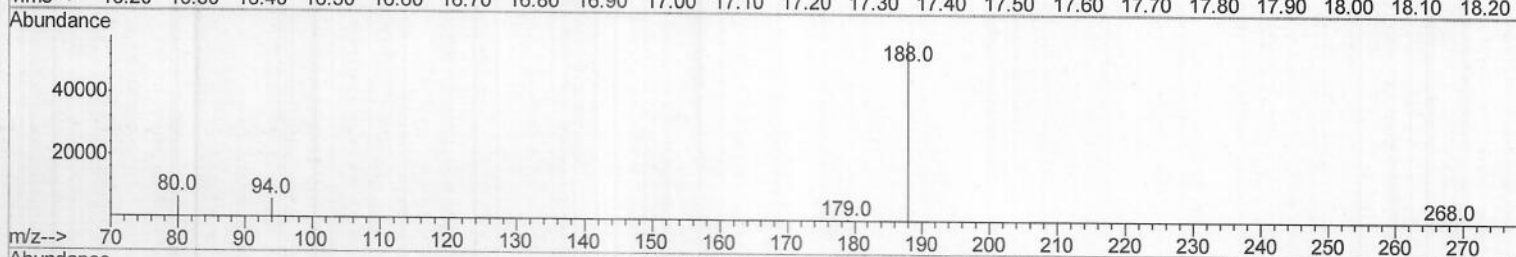
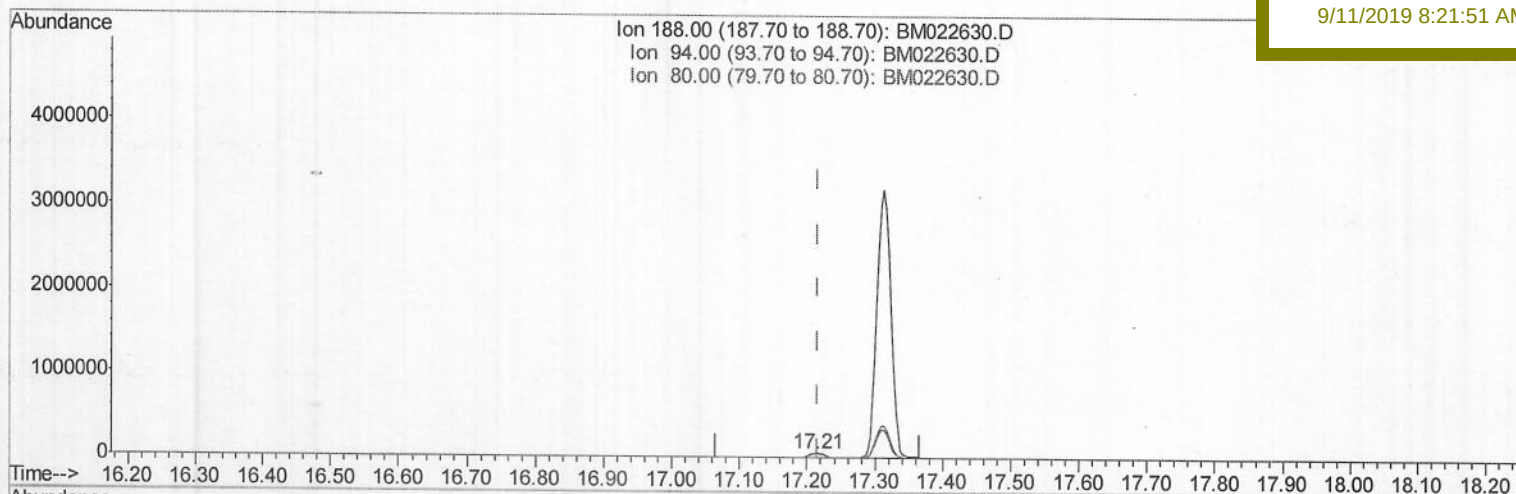
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(10) Phenanthrene-d10 (I)

17.213min (-0.003) 0.40ng/ul m

response 80936

Ion Exp% Act%

188.00 100 100

94.00 9.80 10.27

80.00 11.00 11.15

0.00 0.00 0.00

Ju
09/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:17 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

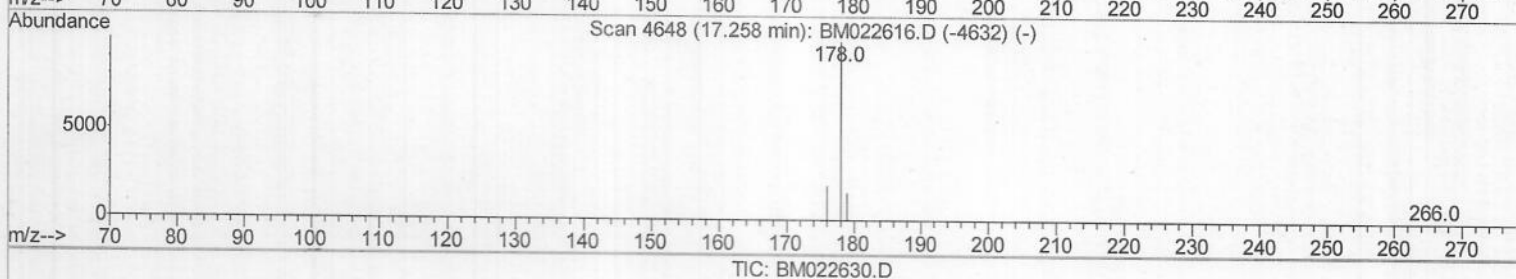
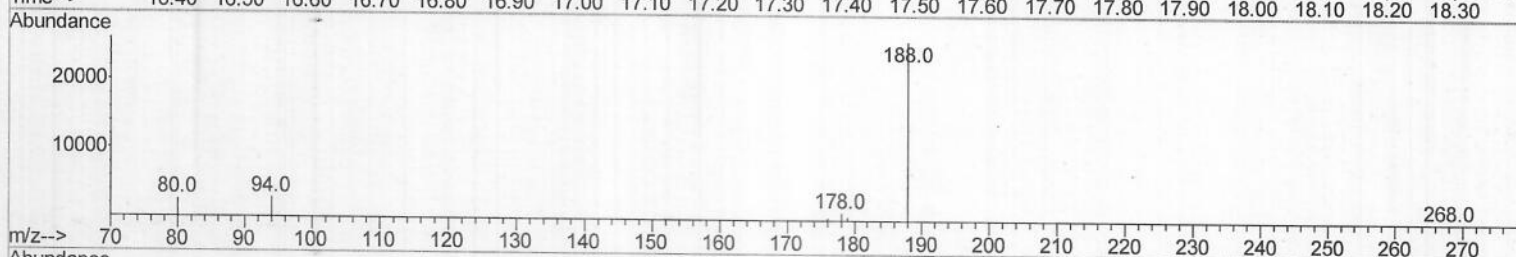
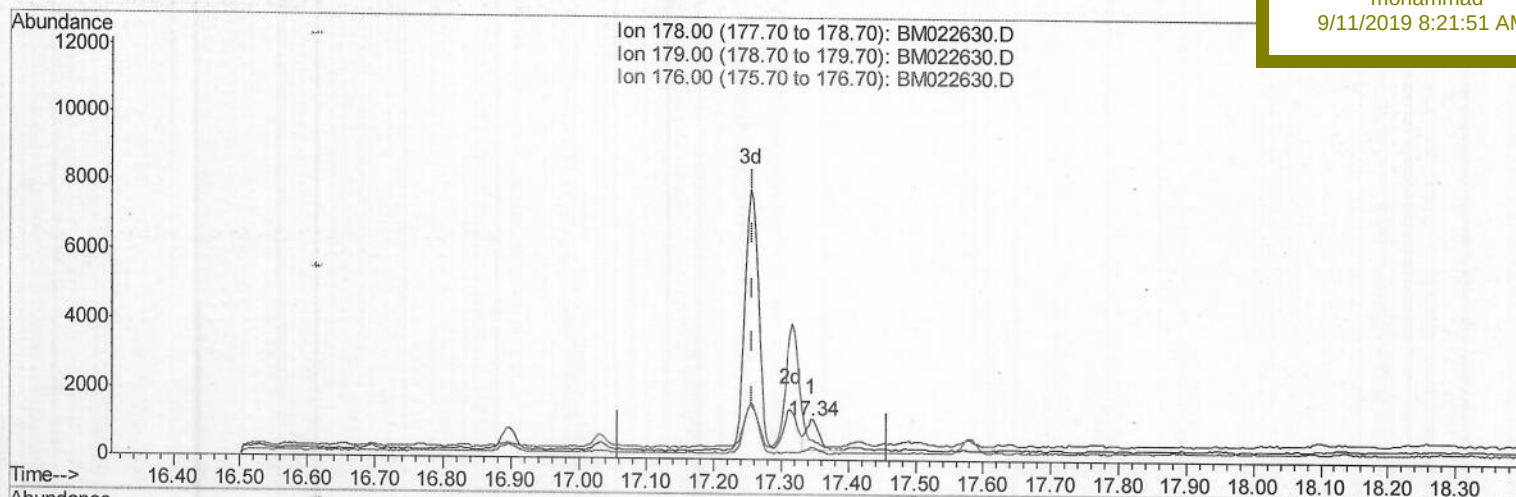
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(12) Phenanthrene

17.345min (+0.087) 0.00ng/ul

response 1185

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	49.66#
176.00	19.10	29.40#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:17 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

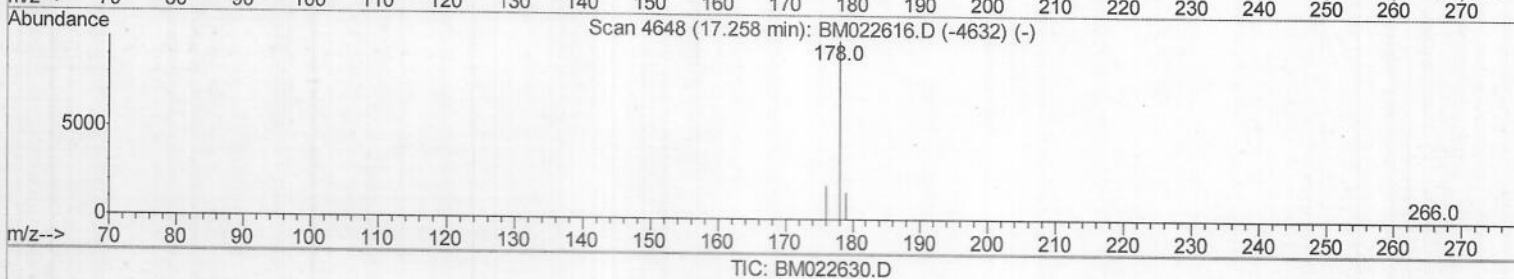
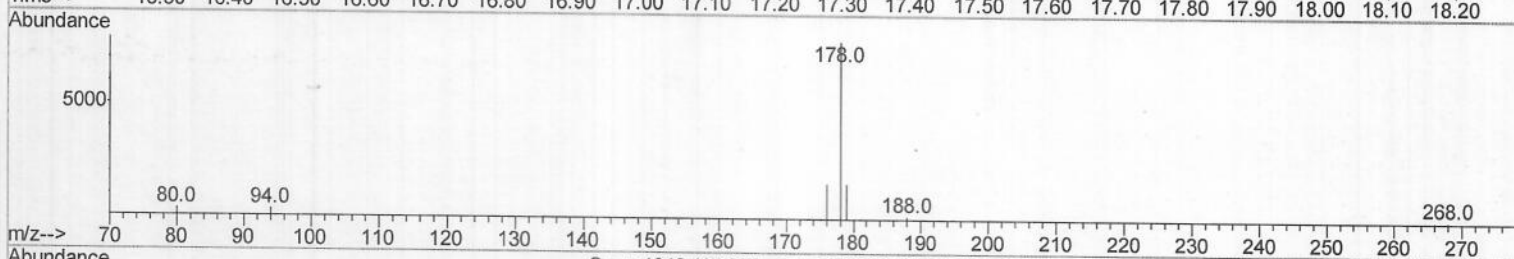
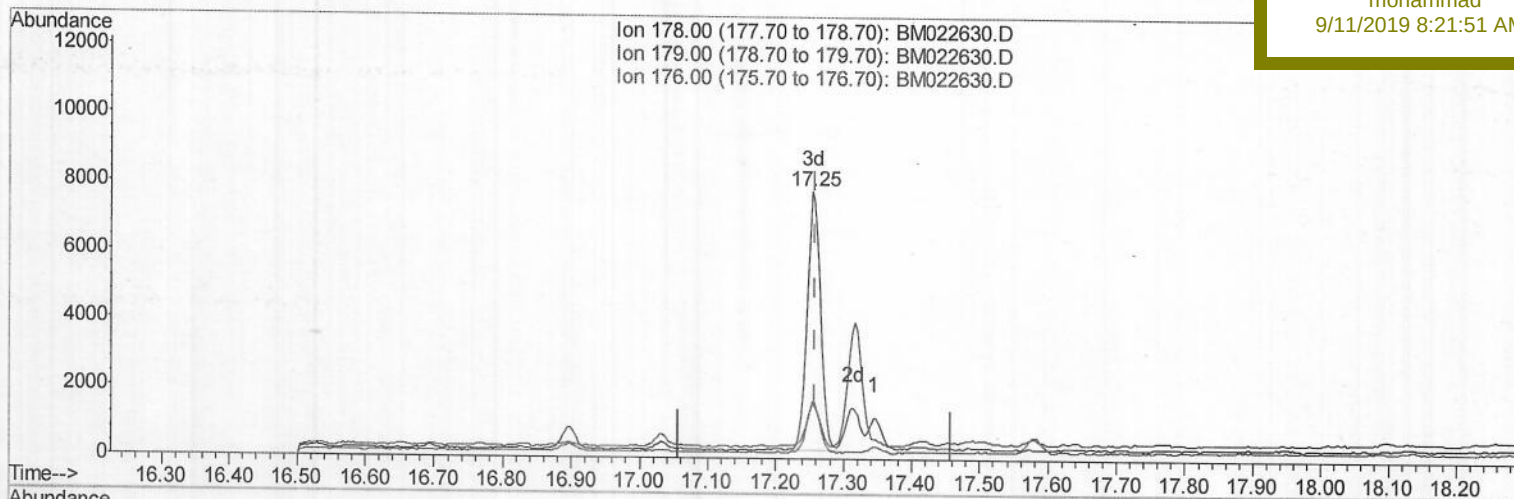
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Manual Integrations

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(12) Phenanthrene

17.254min (-0.003) 0.04ng/ul m

response 10594

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	20.40#
176.00	19.10	20.82
0.00	0.00	0.00

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

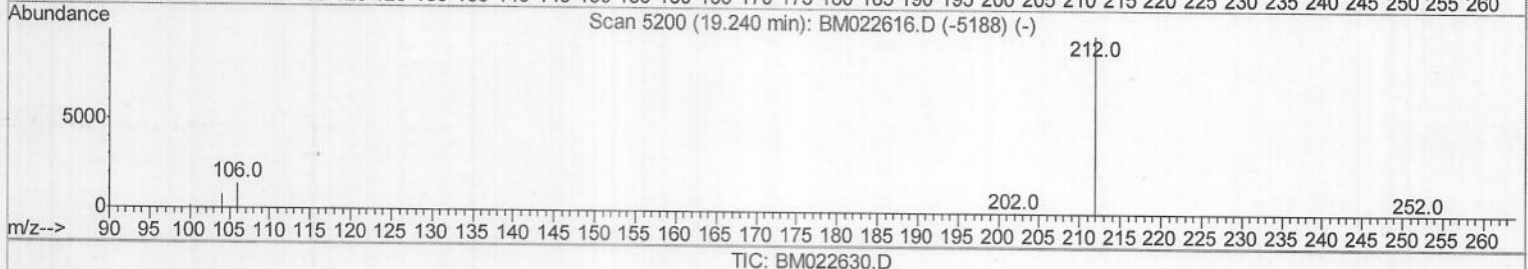
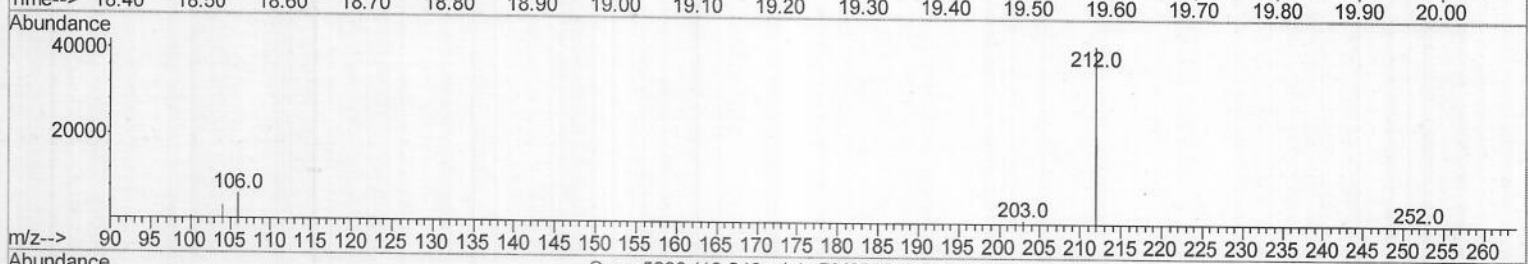
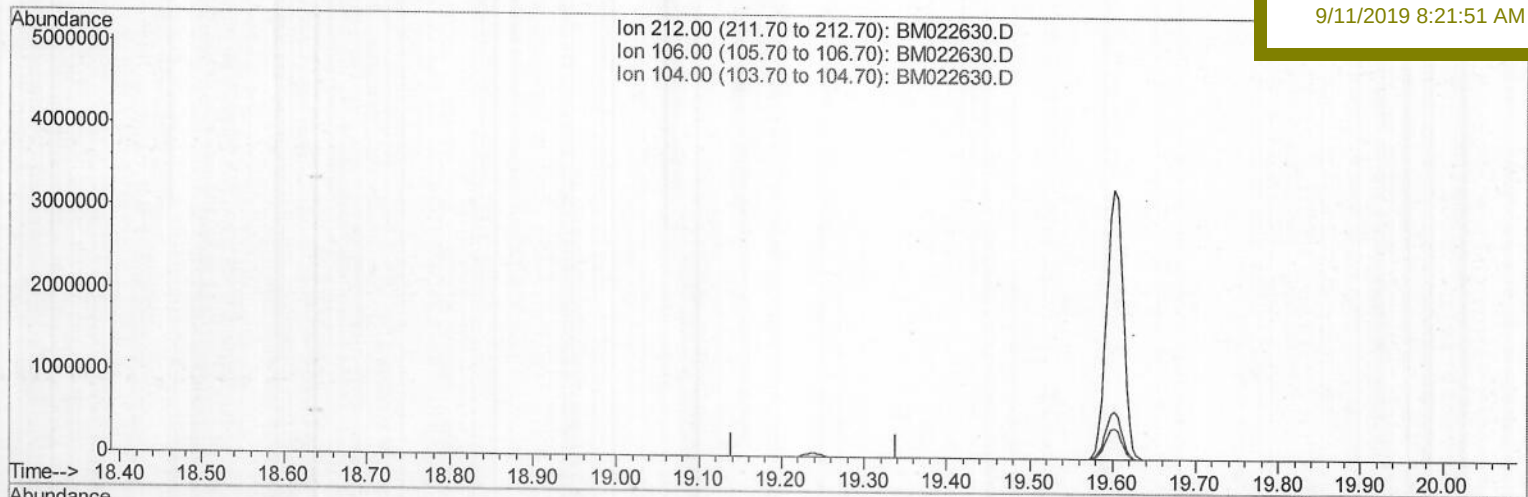
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

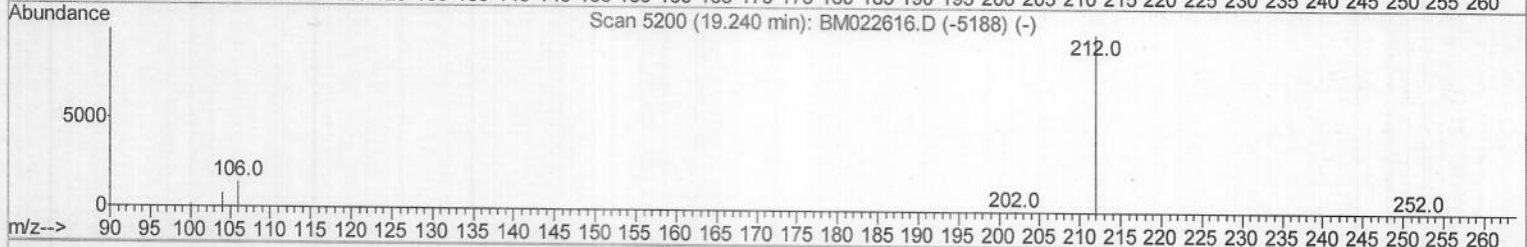
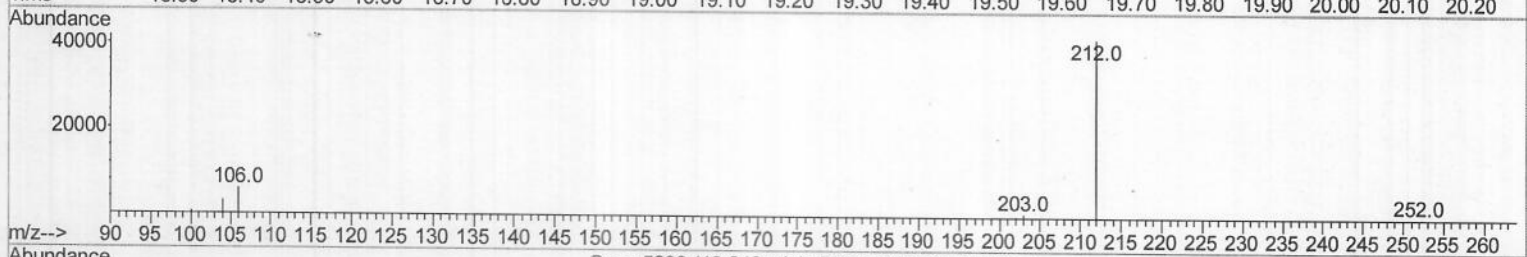
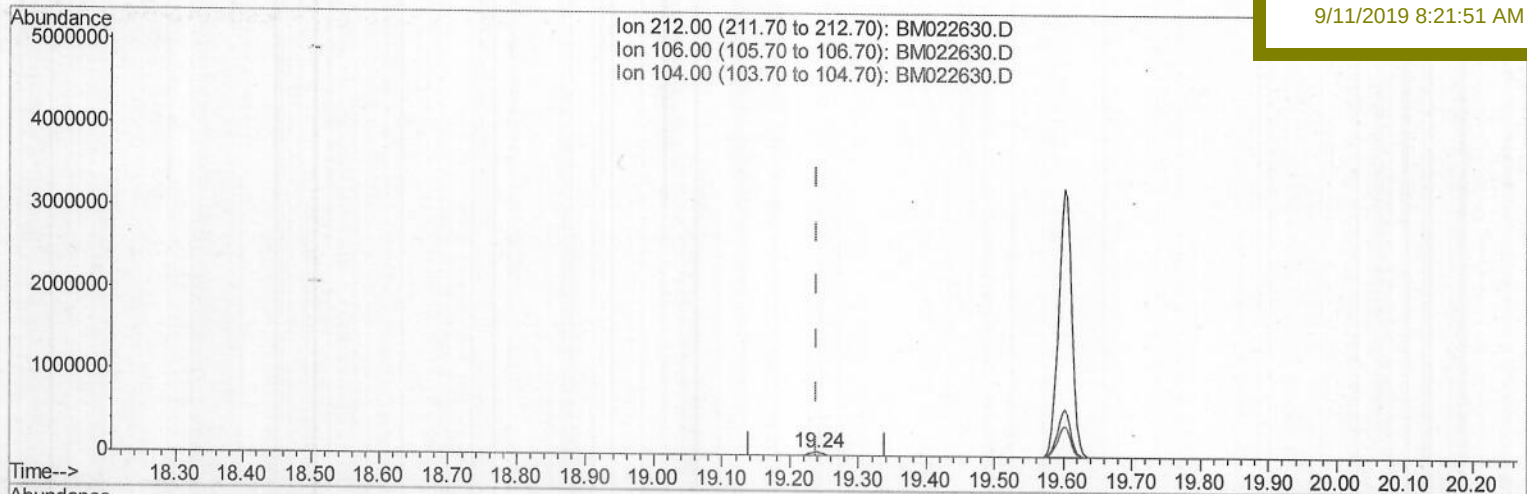
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(14) Fluoranthene-d10 (SURR)

19.240min (-0.000) 0.25ng/ul m) JU
09/11/19

response 55240

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

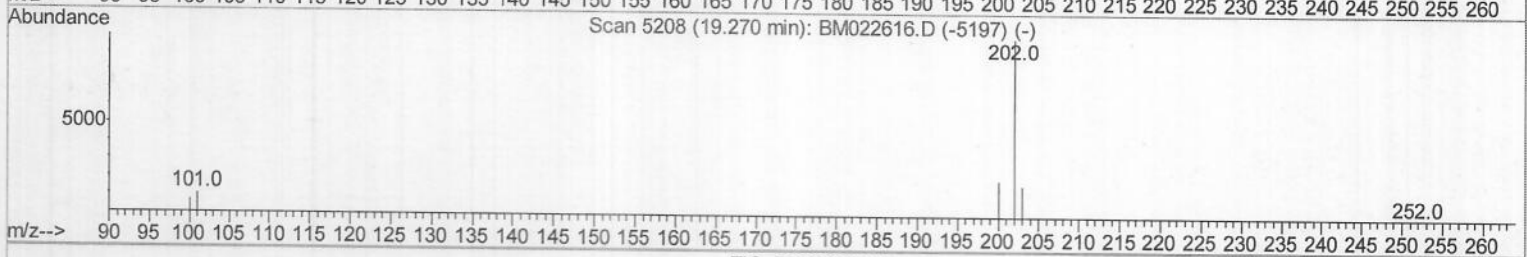
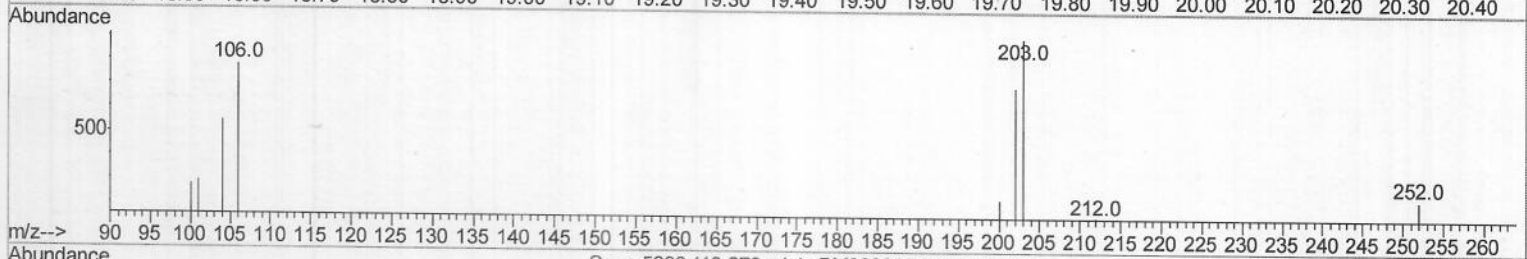
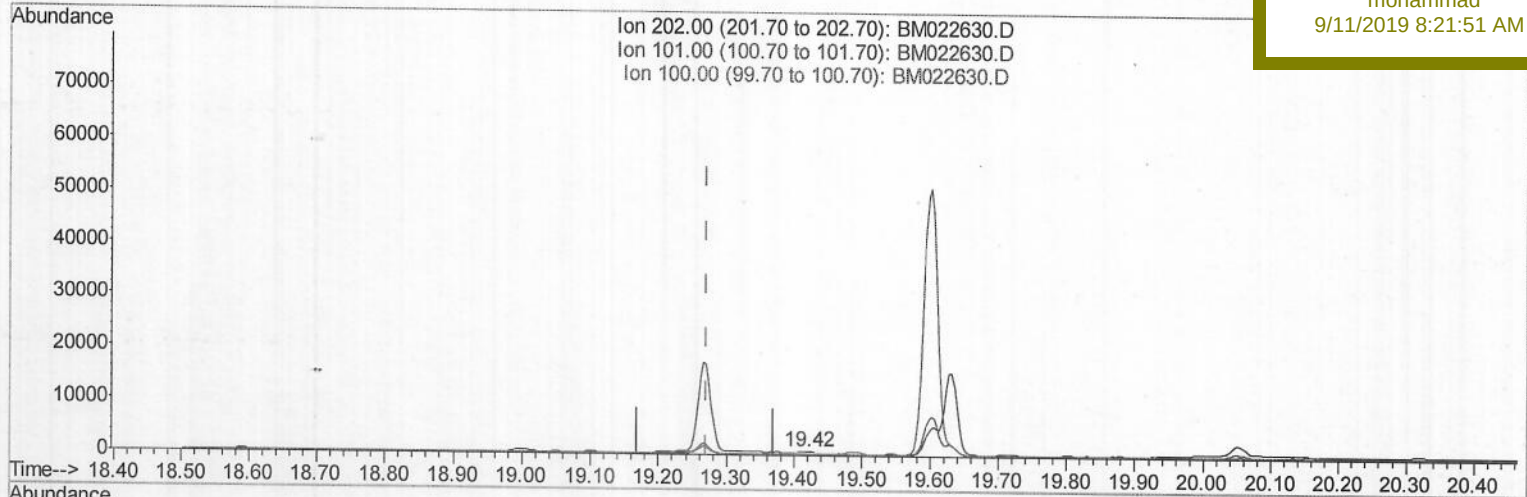
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TIC: BM022630.D

(15) Fluoranthene (C)

19.419min (+0.149) 0.00ng/ul

response 544

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	41.37#
100.00	8.00	39.23#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

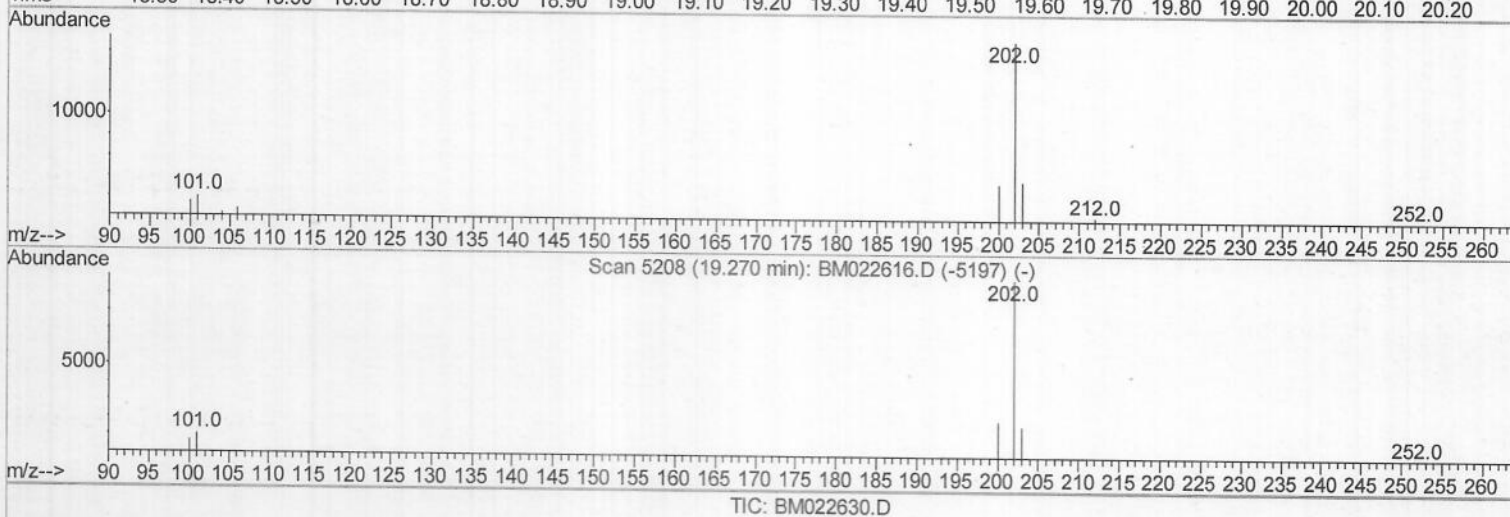
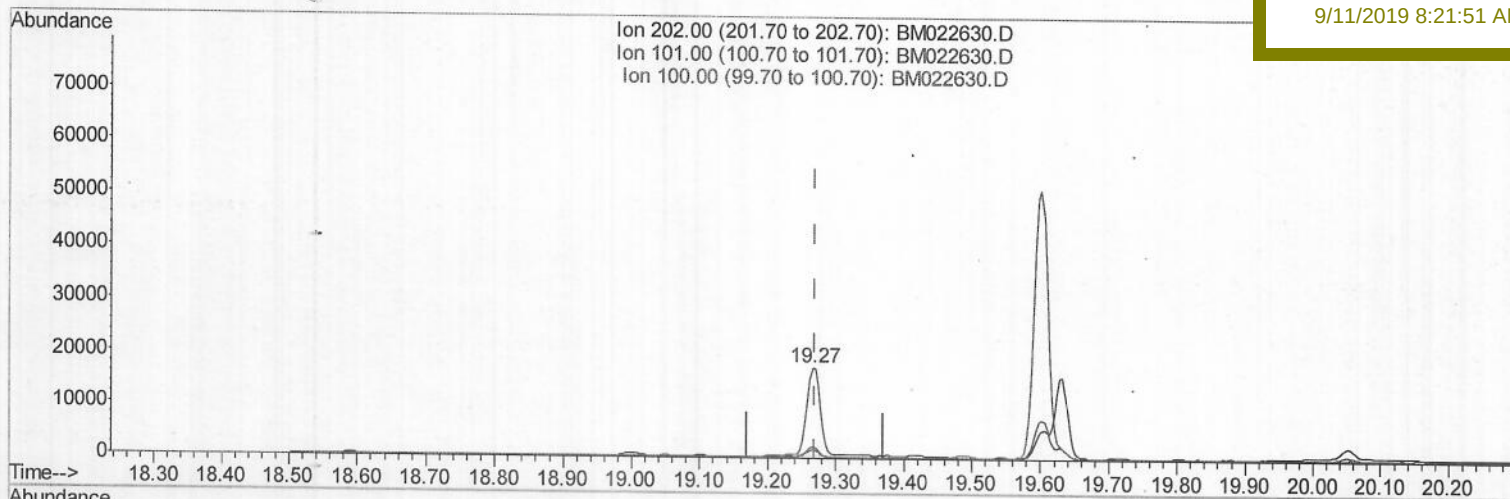
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(15) Fluoranthene (C)

19.266min (-0.004) 0.08ng/ul m

response 22571

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	11.92
100.00	8.00	8.92
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

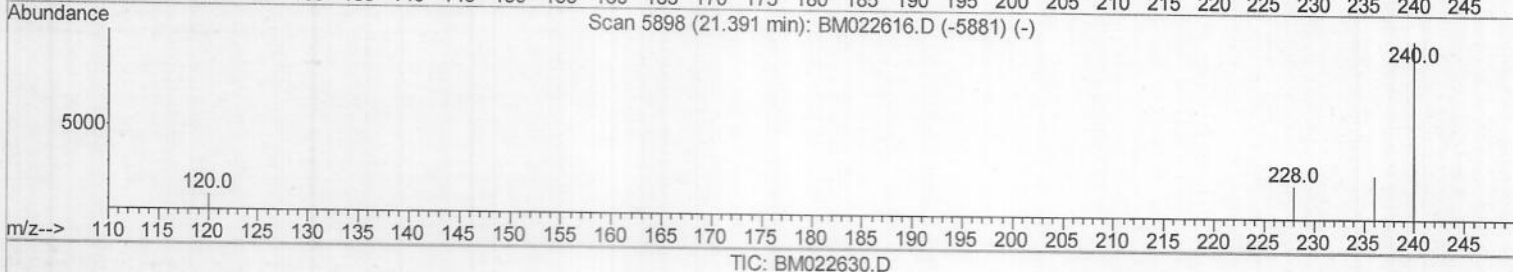
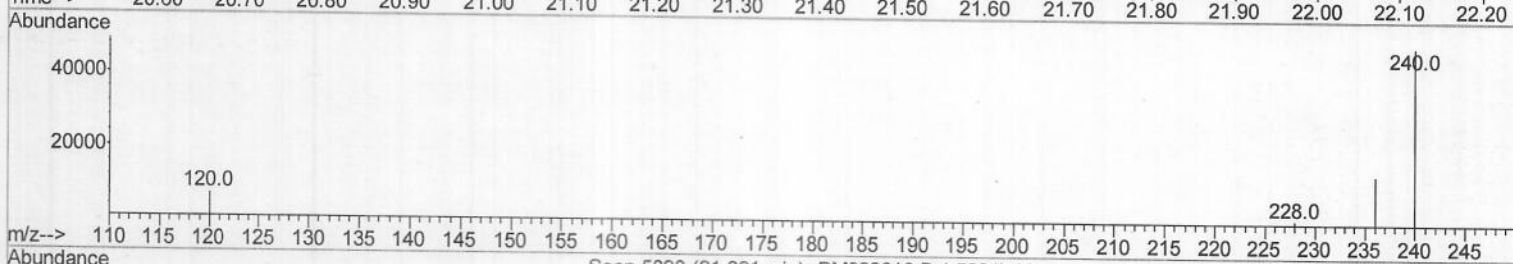
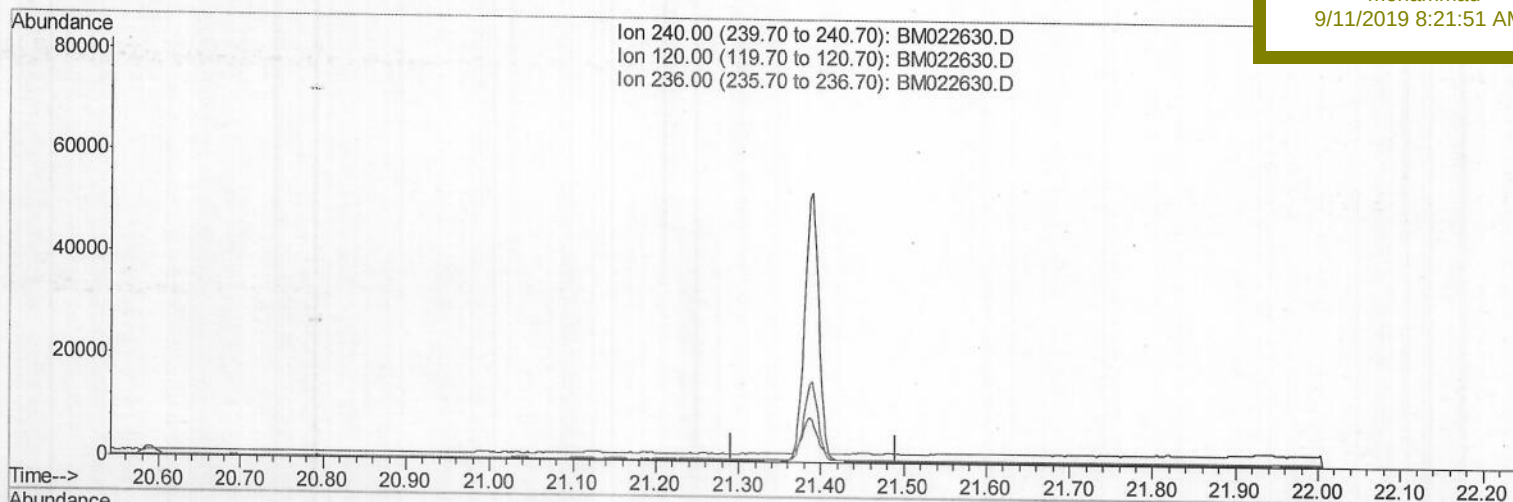
CB5Q5

Manual Integrations

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9/11/2019 8:21:51 AM



(16) Chrysene-d12 (I)

21.391min (-21.391) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.60	0.00#
236.00	28.80	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

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Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:55:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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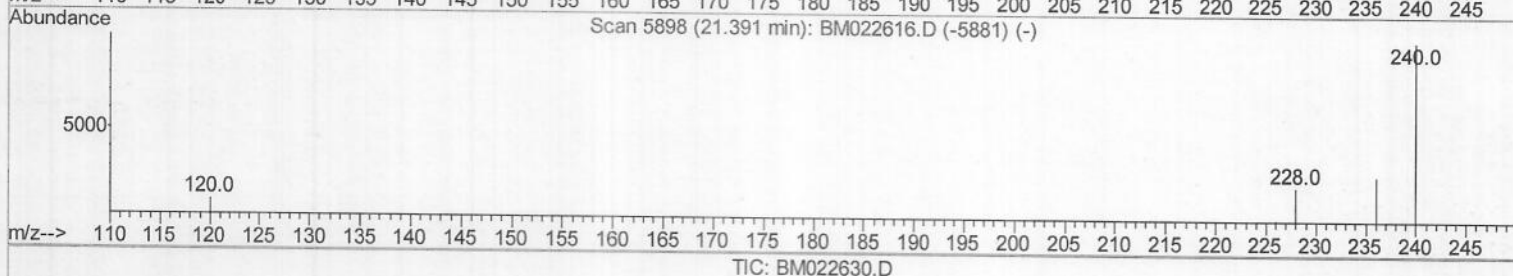
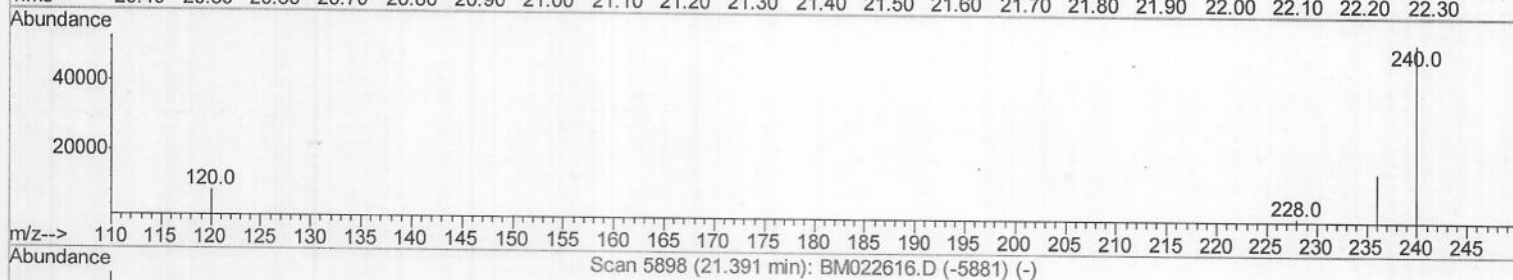
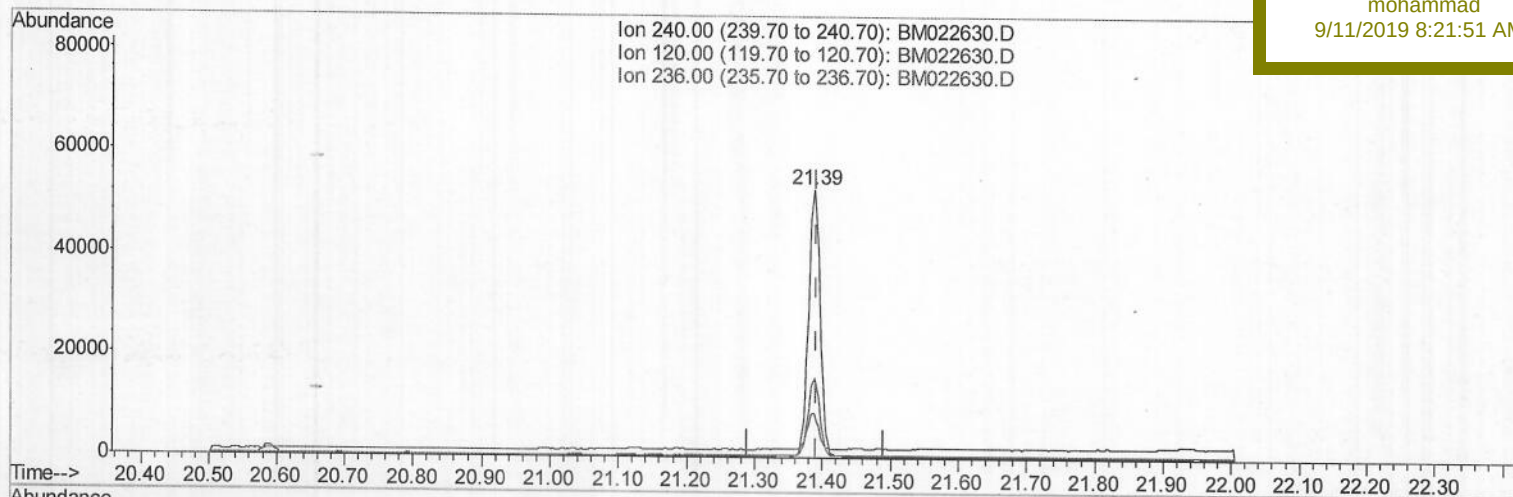
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(16) Chrysene-d12 (I)

21.389min (-0.002) 0.40ng/ul m JU
09/11/19

response 62443

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	15.64
236.00	28.80	29.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 10 23:57:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

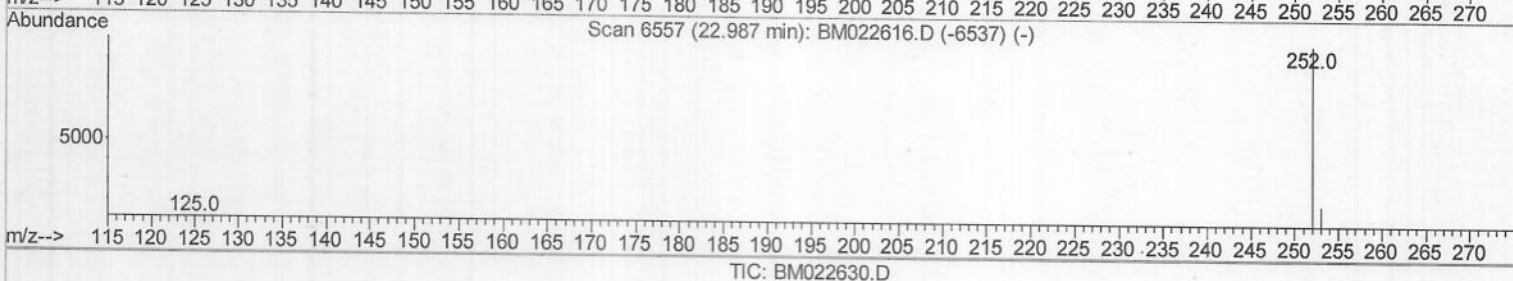
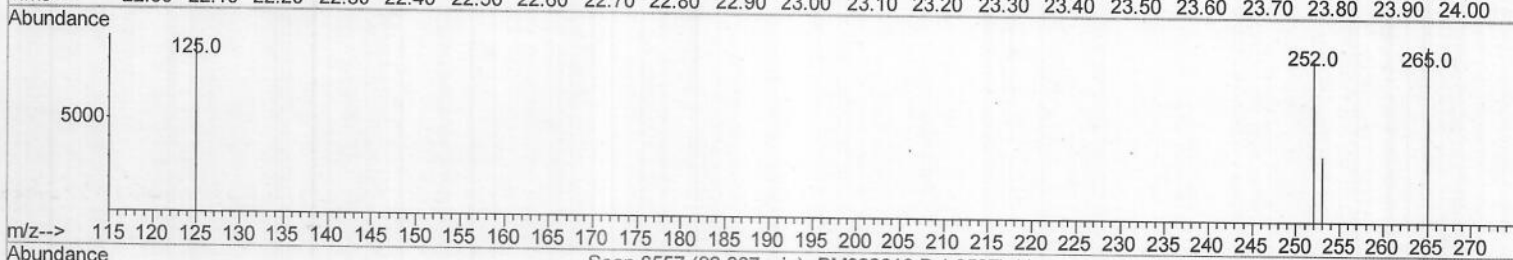
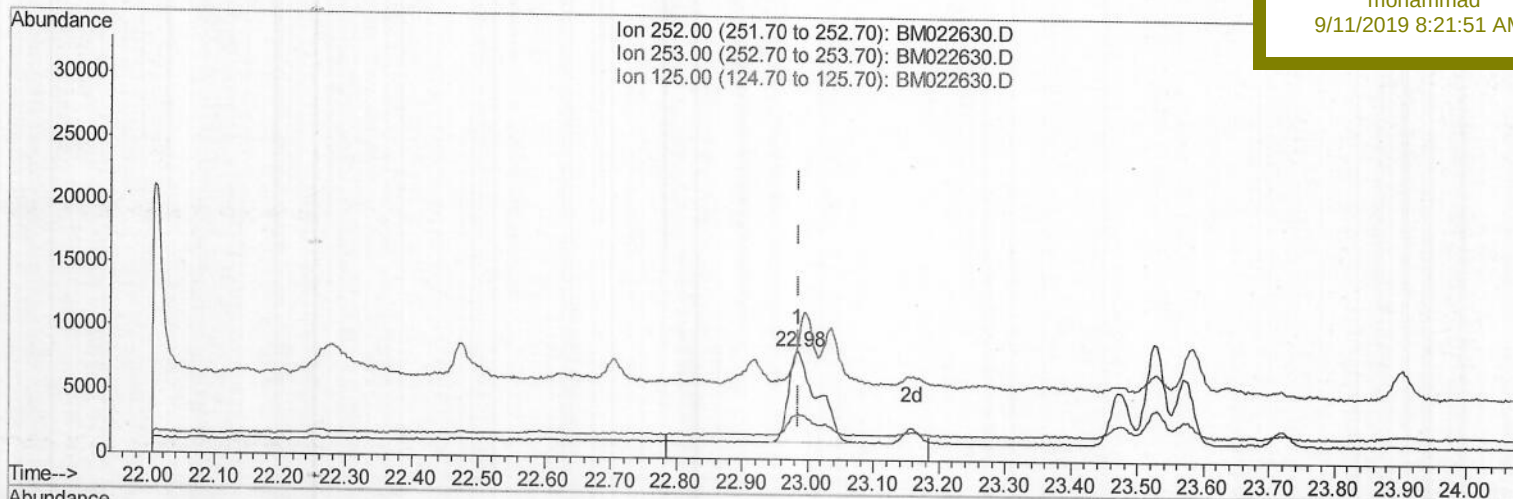
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
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9/11/2019 8:21:51 AM

(21) Benzo(b)fluoranthene

22.985min (-0.002) 0.08ng/ul

response 21371

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	42.03
125.00	15.60	106.08#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022630.D

Acq On : 10 Sep 2019 21:25

Operator : HP/JU

Sample : K4708-08

Misc :

ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

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QLast Update : Tue Sep 10 15:06:45 2019

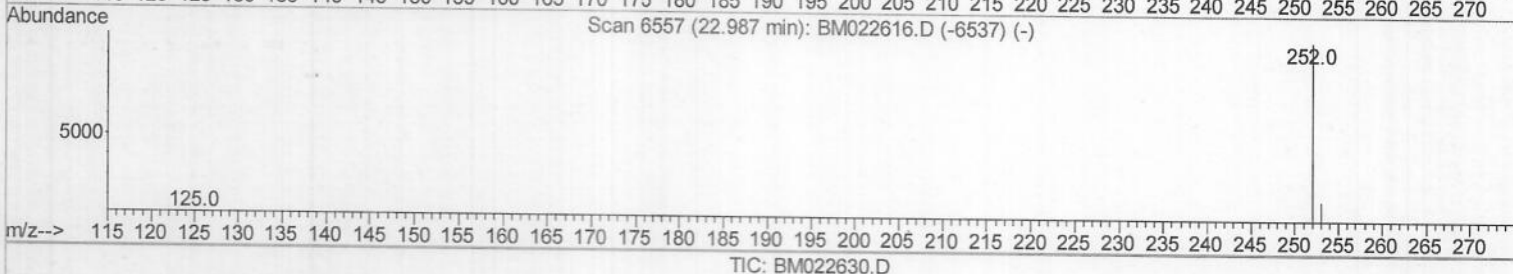
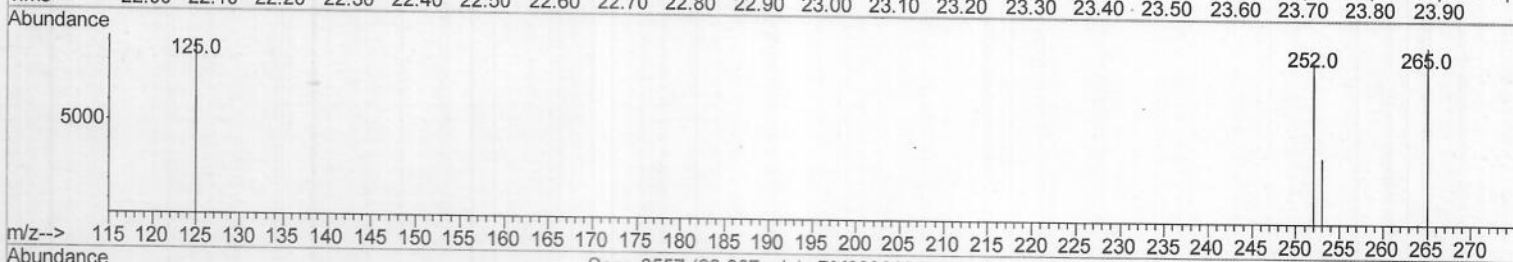
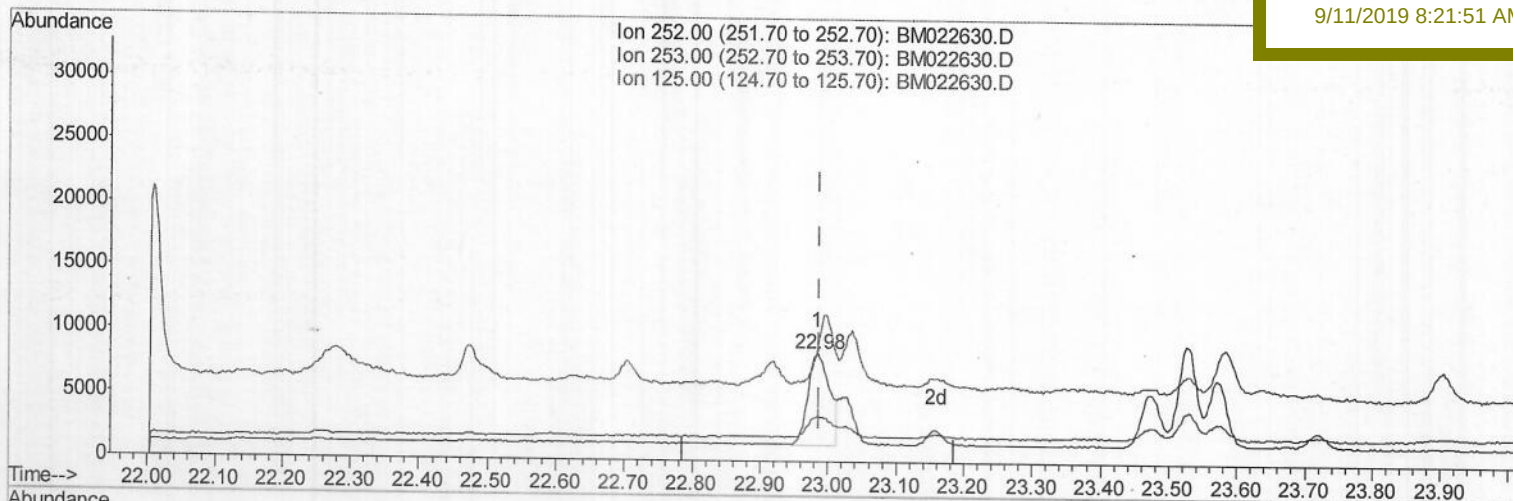
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q5

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:51 AM

(21) Benzo(b)fluoranthene

22.985min (-0.002) 0.06ng/ul m

response 15611

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	42.03
125.00	15.60	106.08#
0.00	0.00	0.00

JU
09/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	17014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	70885	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	37667	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	80936m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	62443m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	65171	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.23	152	28993	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	55240m	0.25	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Dev (Min)	Ovalue
12) Phenanthrene	17.25	178	10594m	0.041	ng/ul		
15) Fluoranthene	19.27	202	22571m	0.081	ng/ul		
17) Pyrene	19.63	202	19841	0.070	ng/ul#	95	
18) Benzo(a)anthracene	21.37	228	9044	0.038	ng/ul#	91	
19) Chrysene	21.42	228	11950	0.048	ng/ul#	93	
21) Benzo(b)fluoranthene	22.98	252	15611m	0.055	ng/ul		
23) Benzo(a)pyrene	23.57	252	9366	0.038	ng/ul#	1	
26) Benzo(a,h,i)perylene	26.69	276	7752	0.032	ng/ul#	66	

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