

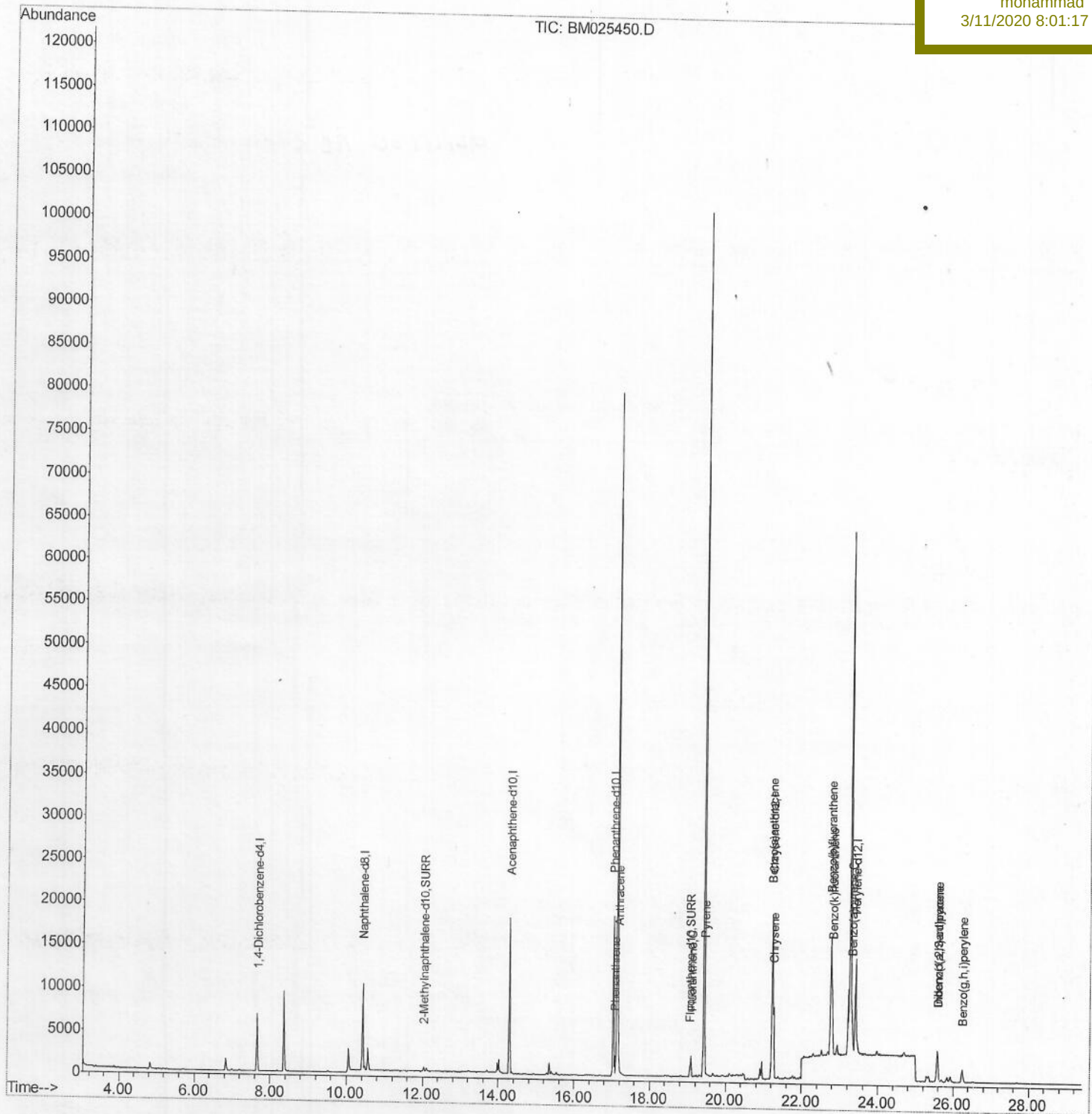
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025450.D
Acq On : 10 Mar 2020 13:33
Operator : CG/JU
Sample : L1612-18DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 10 14:08:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDM0DL

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:17 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\

Data File : BM025450.D

Acq On : 10 Mar 2020 13:33

Operator : CG/JU

Sample : L1612-18DL 5X

Misc :

ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 10 14:06:45 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

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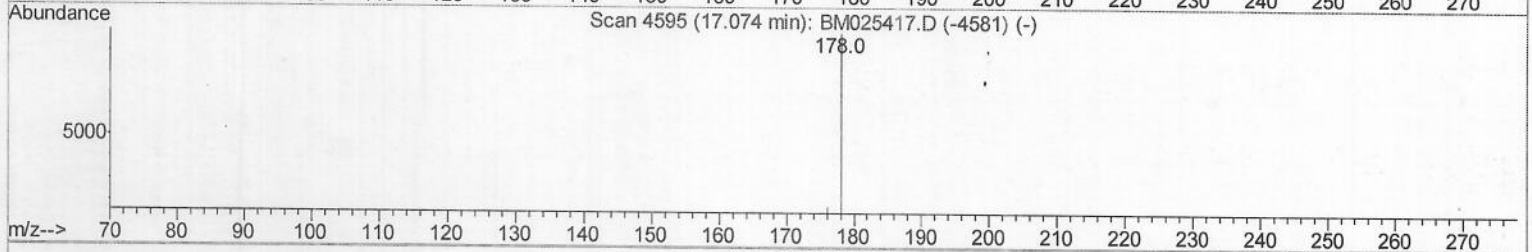
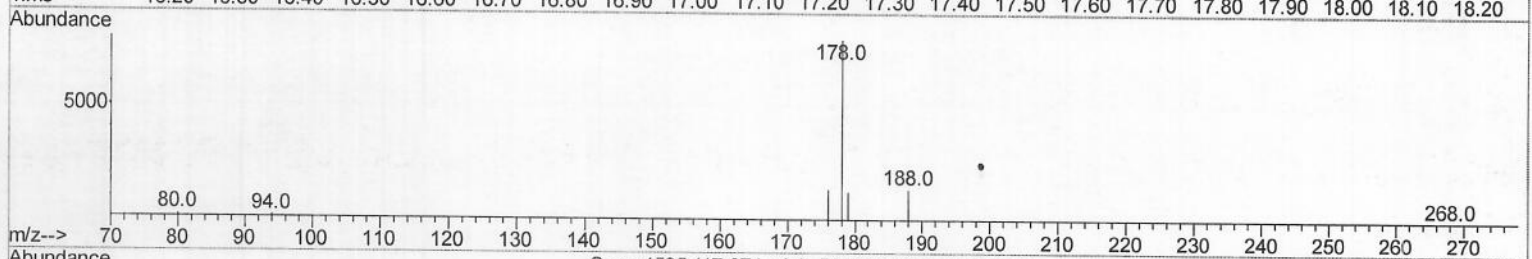
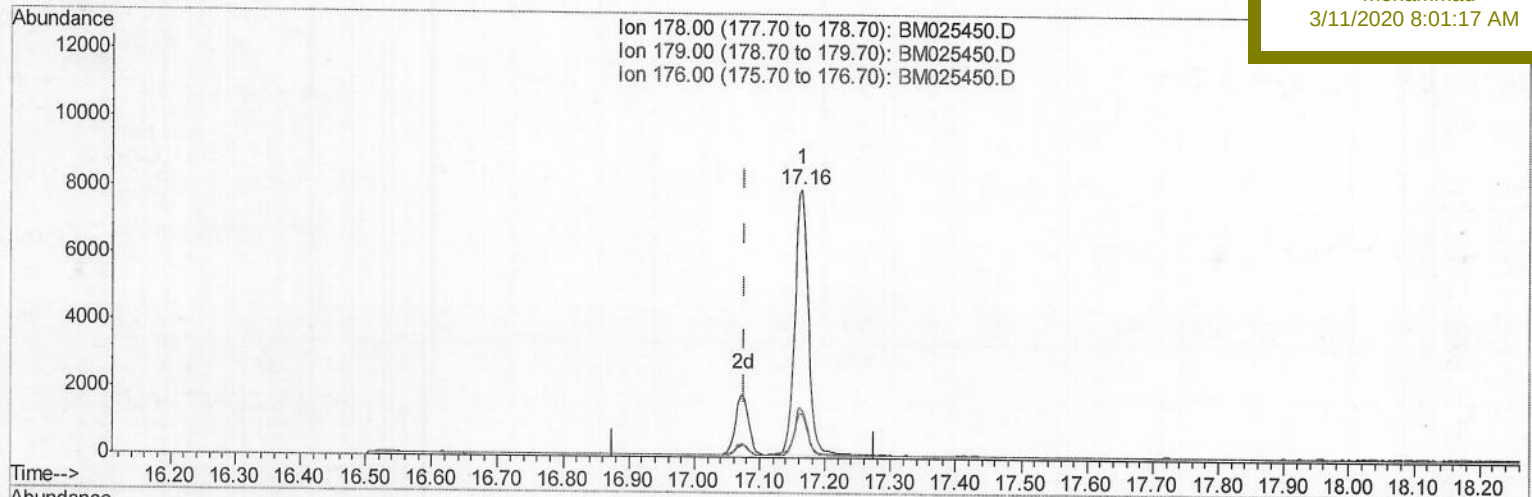
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Manual Integrations

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TIC: BM025450.D

(12) Phenanthrene

17.164min (+0.088) 0.17ng/ul

response 11487

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.38
176.00	18.50	17.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :

BNA_M

ClientSampled :

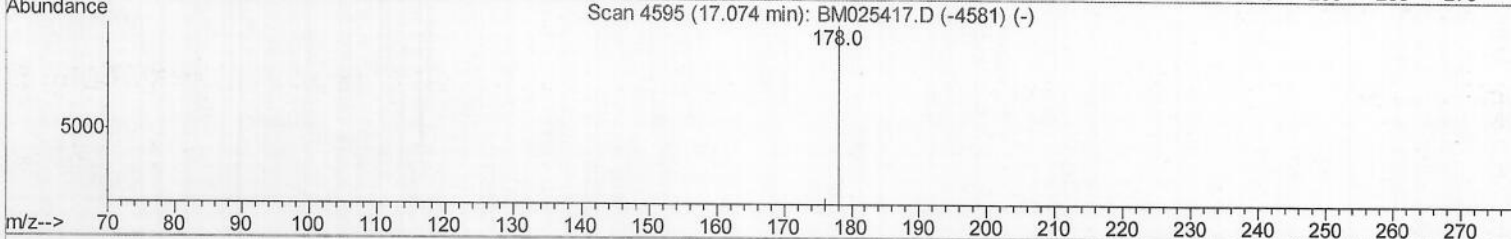
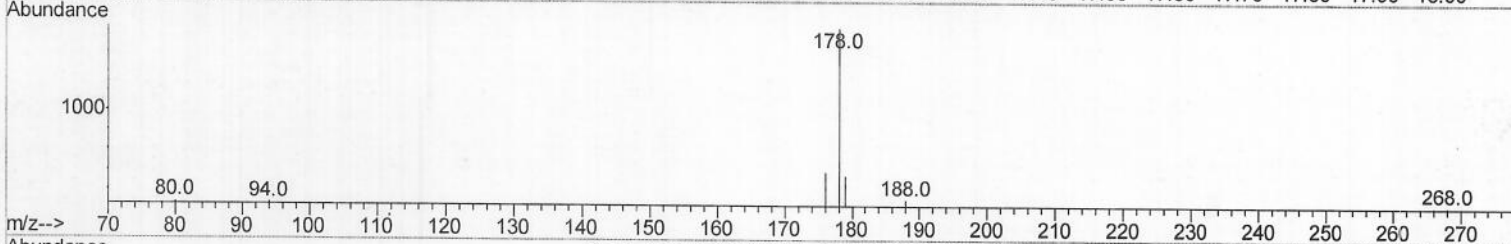
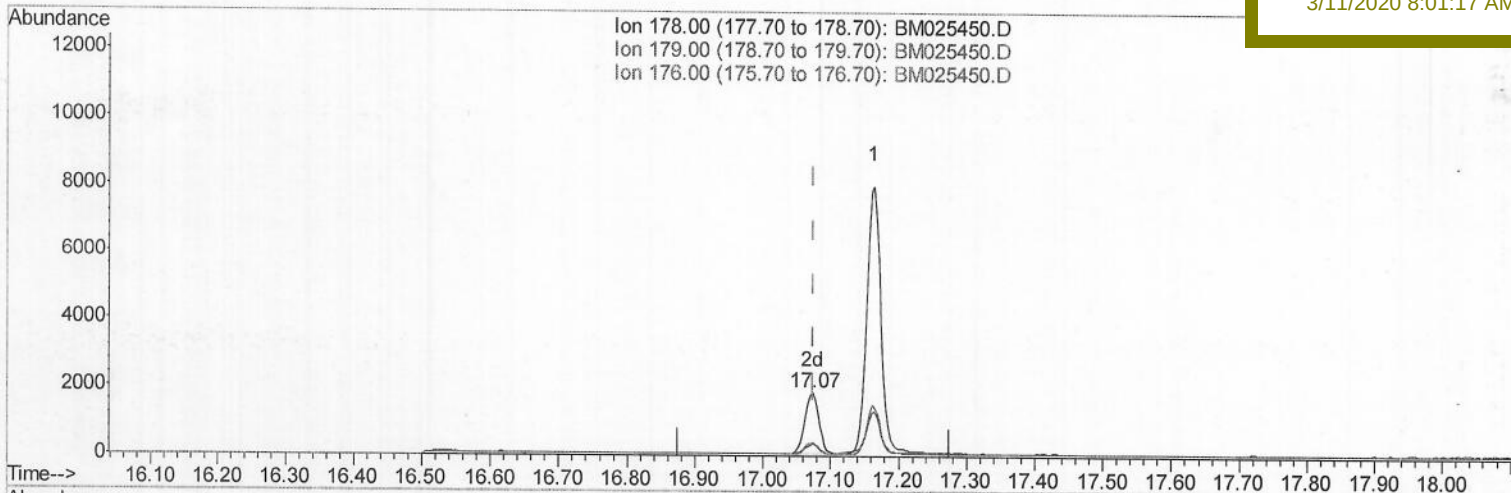
DBDM0DL

Manual Integrations

APPROVED

mohammad

3/11/2020 8:01:17 AM



TIC: BM025450.D

(12) Phenanthrene

17.074min (-0.002) 0.04ng/ul m > JV 03/11/20

response 2497

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	19.14#
176.00	18.50	21.19
0.00	0.00	0.00

Quantitation Report (Qedit)

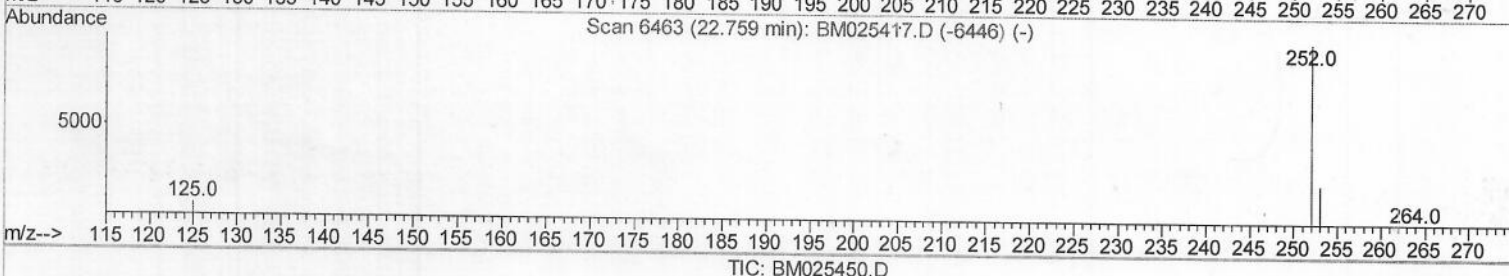
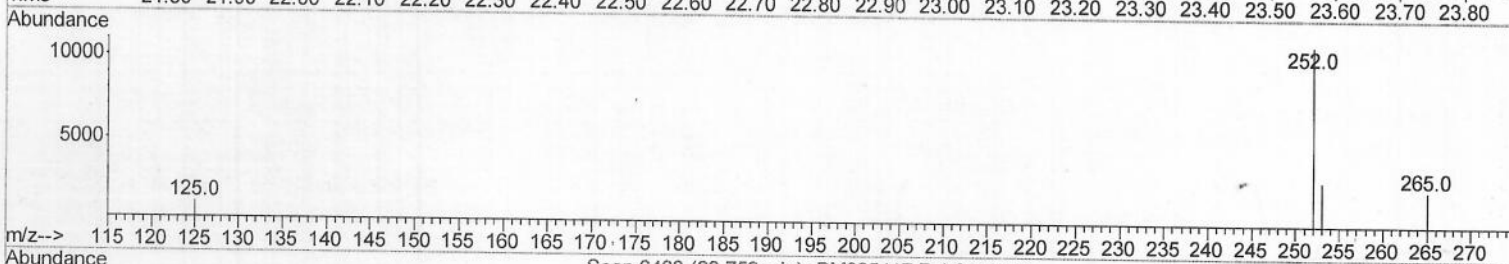
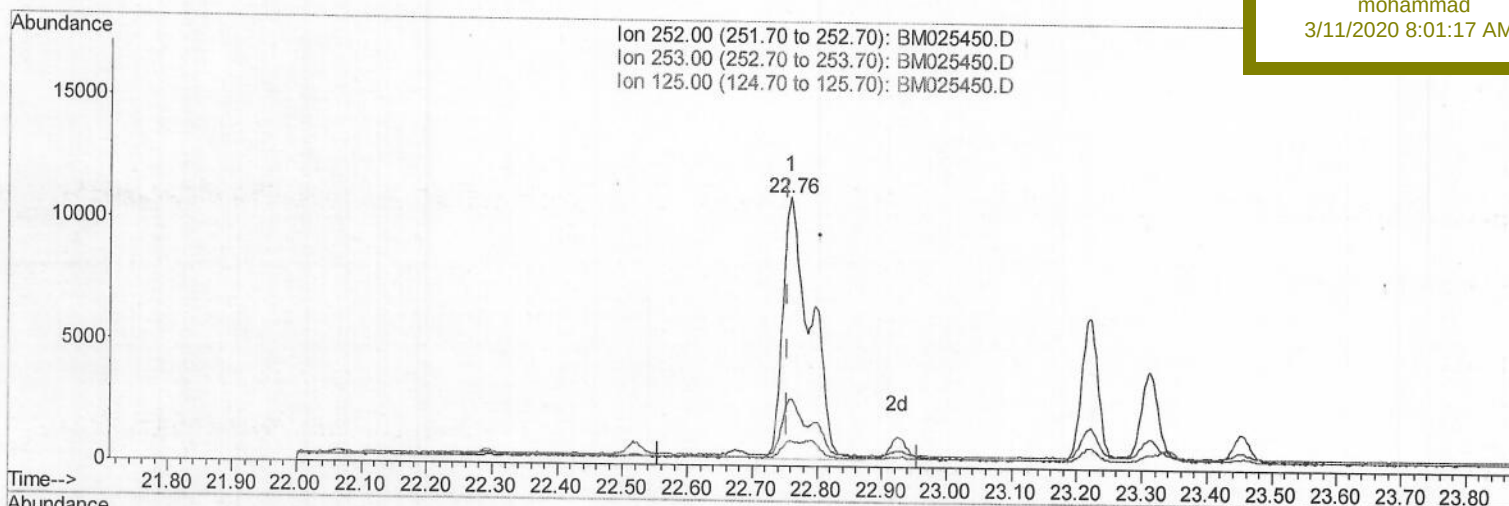
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 ALS Vial : 44 Sample Multiplier: 1

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Manual Integrations
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 3/11/2020 8:01:17 AM



(21) Benzo(b)fluoranthene
 22.759min (+0.004) 0.60ng/ui
 response 31902

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.09
125.00	8.80	9.35
0.00	0.00	0.00

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Misc :

ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 10 14:06:45 2020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 09 13:32:56 2020

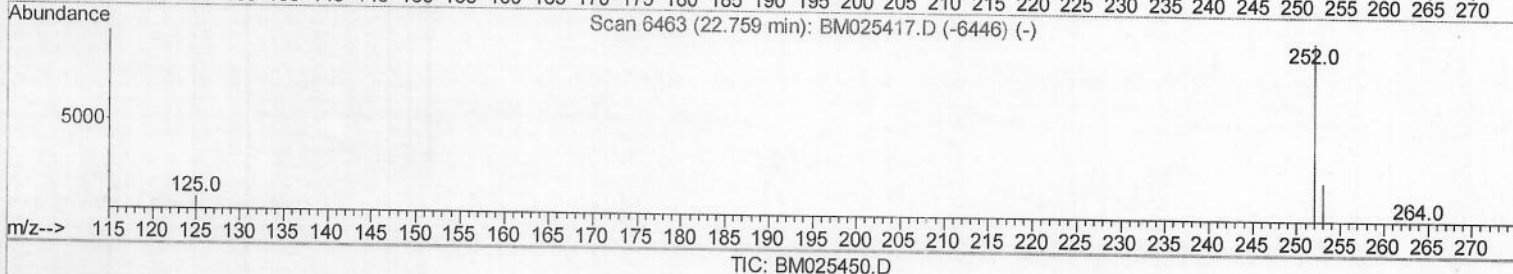
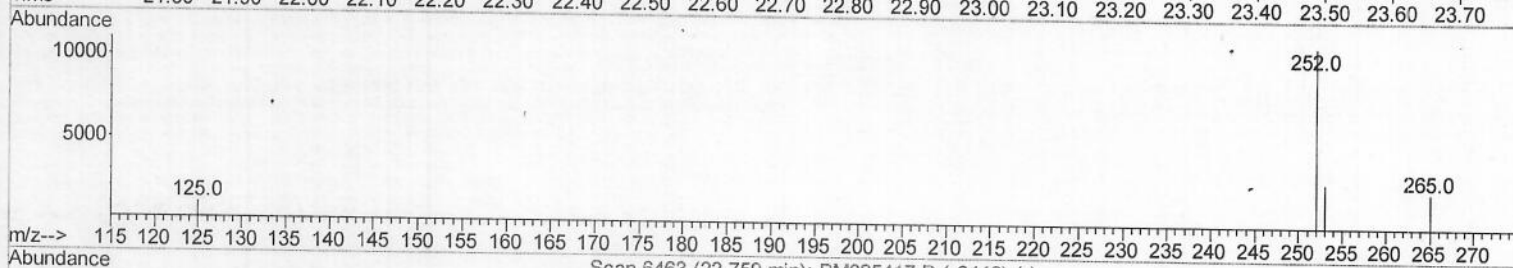
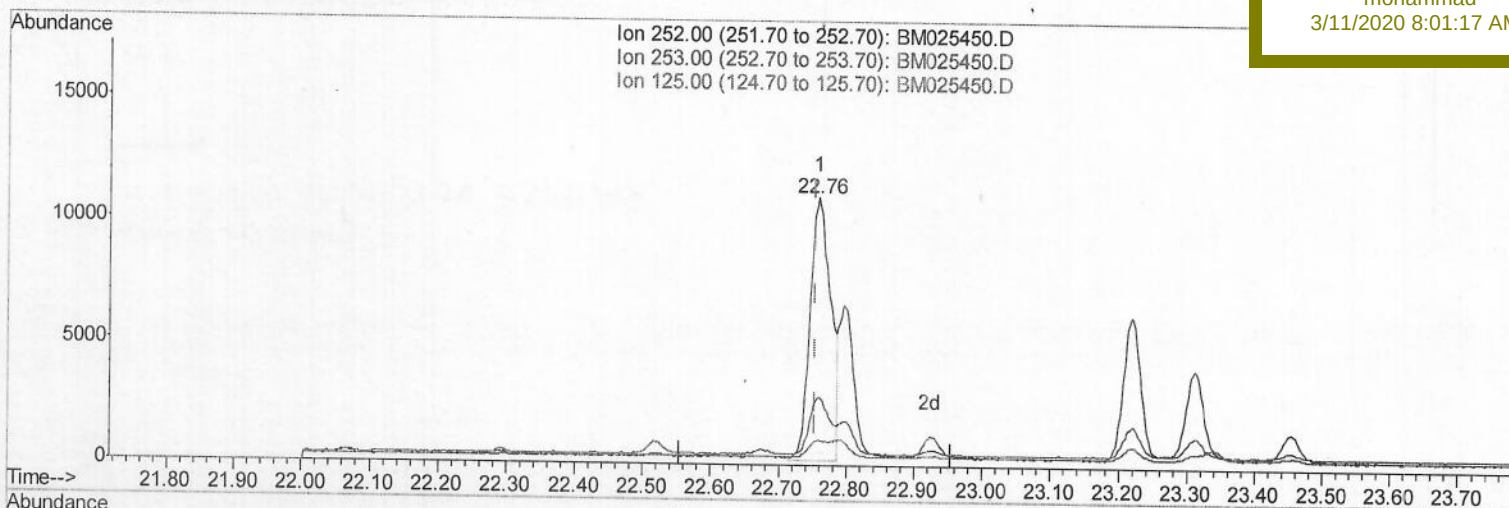
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

DBDM0DL

Manual Integrations
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3/11/2020 8:01:17 AM

(21) Benzo(b)fluoranthene

22.759min (+0.004) 0.43ng/ul m> JV 03/11/20

response 22609

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.09
125.00	8.80	9.35
0.00	0.00	0.00

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Data File : BM025450.D

Acq On : 10 Mar 2020 13:33

Operator : CG/JU

Sample : L1612-18DL 5X

Misc :

ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 10 14:06:45 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 09 13:32:56 2020

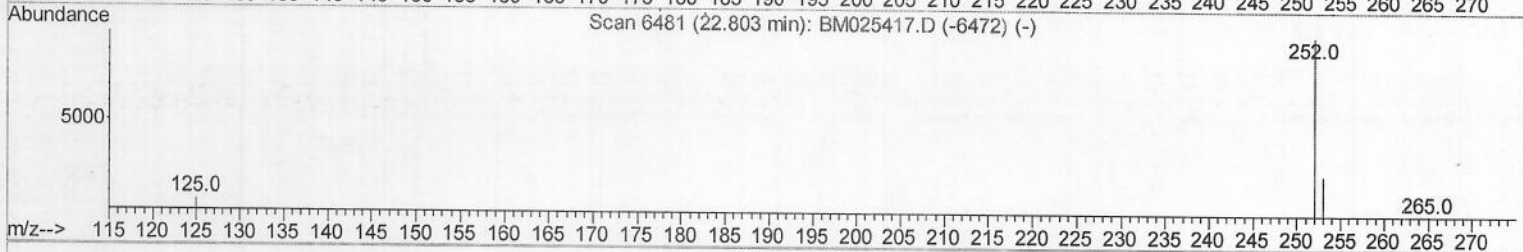
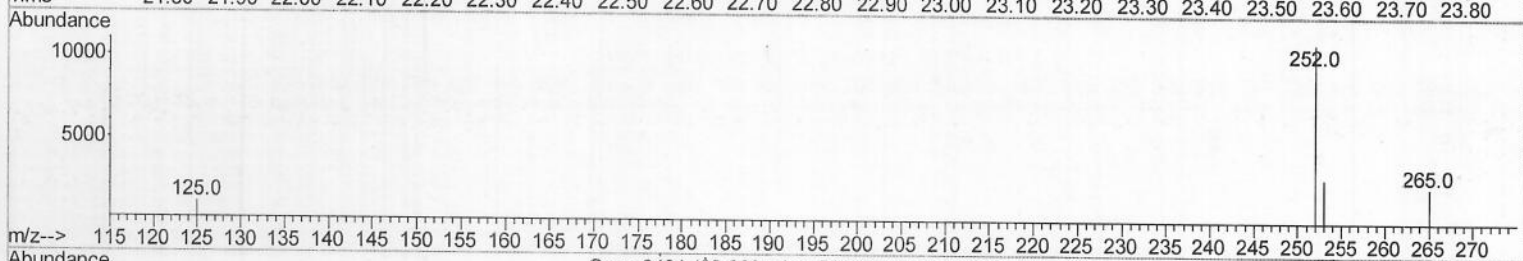
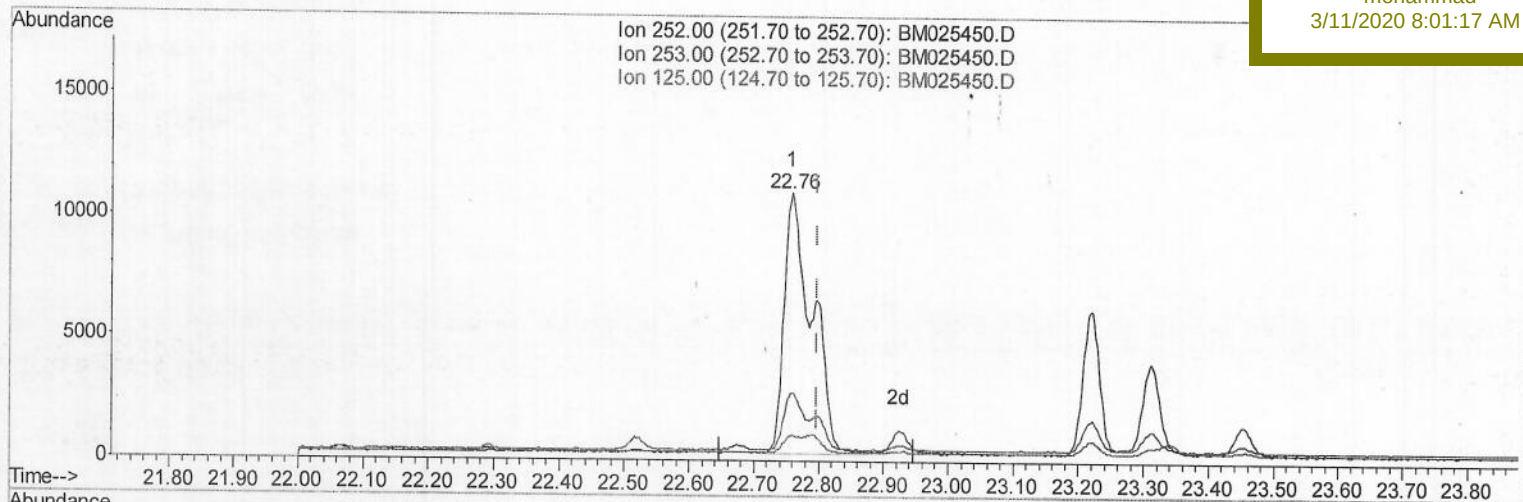
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

DBDM0DL

Manual Integrations
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3/11/2020 8:01:17 AM

TIC: BM025450.D

(22) Benzo(k)fluoranthene

22.759min (-0.039) 0.57ng/ul

response 31902

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	25.09
125.00	8.90	9.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\

Data File : BM025450.D

Acq On : 10 Mar 2020 13:33

Operator : CG/JU

Sample : L1612-18DL 5X

Misc :

ALS Vial : 44 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

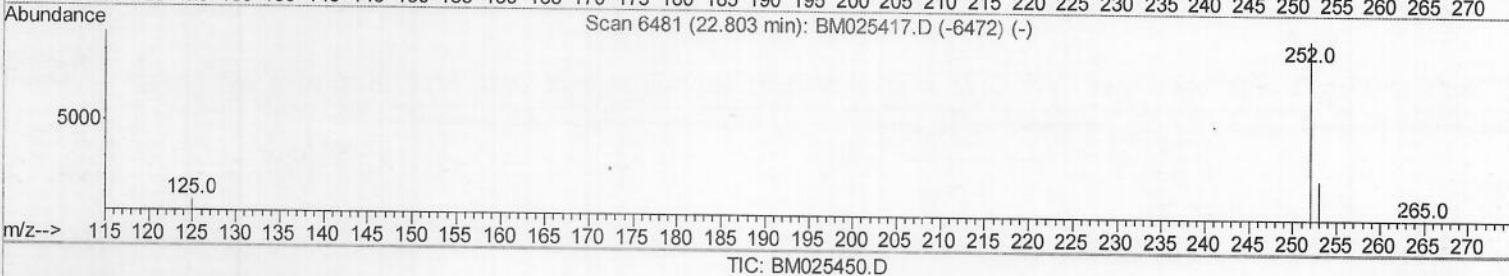
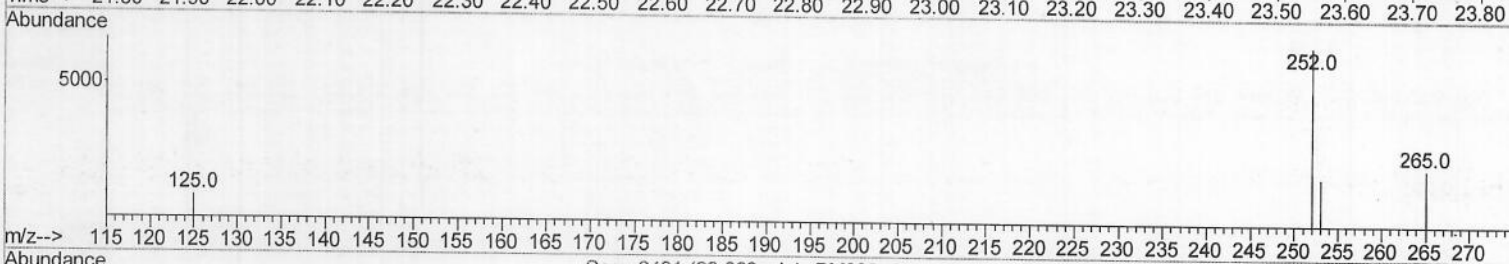
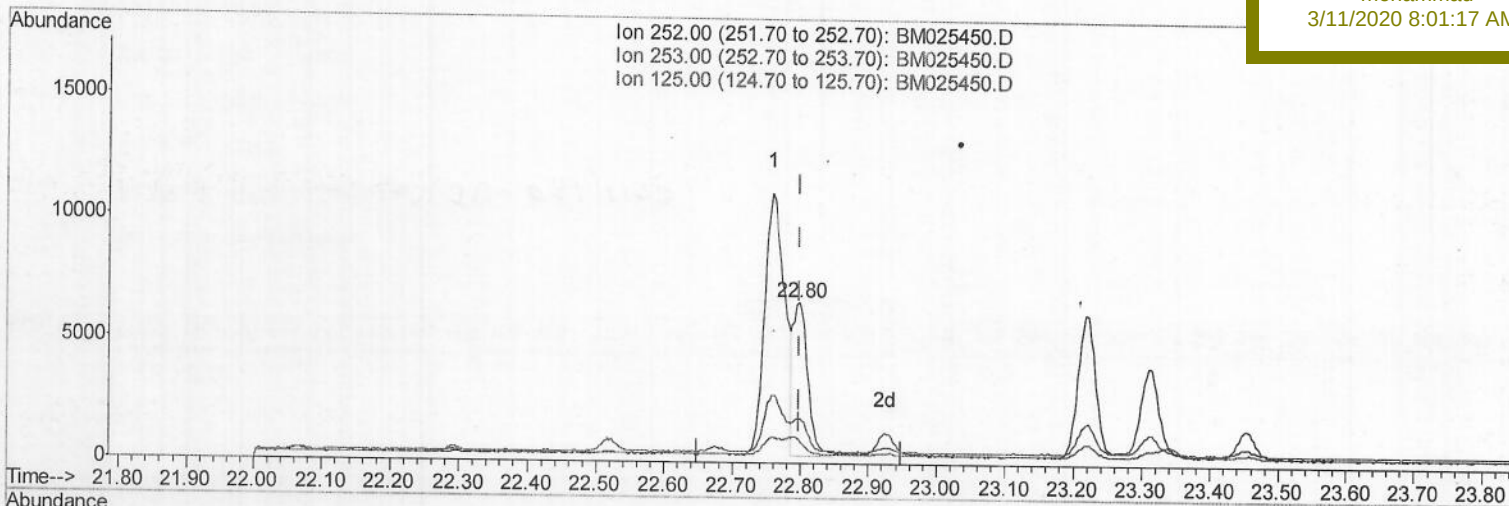
DBDM0DL

Manual Integrations

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3/11/2020 8:01:17 AM



(22) Benzo(k)fluoranthene

22.798min (-0.001) 0.17ng/ul *SDV 03/11/20*

response 9683

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	27.28
125.00	8.90	14.19#
0.00	0.00	0.00

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 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DBDMODL

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3323	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13935	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9859	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21515	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14230	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	13383	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.03	152	710	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1502	0.03	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.07	178	2497m)	0.037	ng/ul	
13) Anthracene	17.16	178	11495	0.194	ng/ul	99
15) Fluoranthene	19.09	202	2231	0.030	ng/ul	91
17) Pyrene	19.45	202	4371	0.068	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	7890	0.155	ng/ul	97
19) Chrysene	21.26	228	6192	0.108	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	22609m)	0.427	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	9683m)	0.174	ng/ul	
23) Benzo(a)pyrene	23.31	252	6760	0.154	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.58	276	5726	0.096	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.59	278	1921	0.038	ng/ul#	65
26) Benzo(a,h,i)perylene	26.24	276	3120	0.060	ng/ul#	87

80 03/11/20

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