

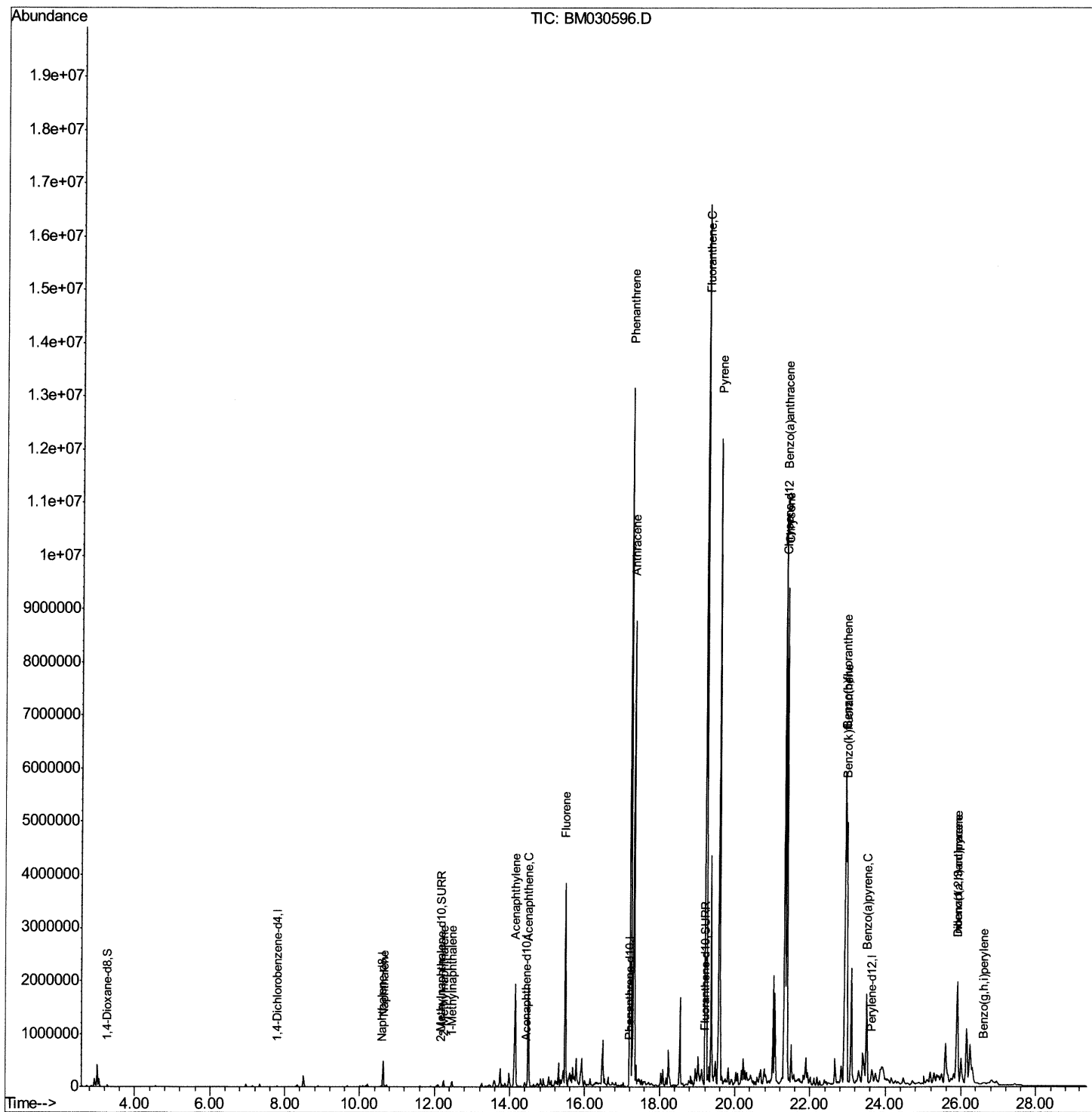
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030596.D
Acq On : 25 Jun 2021 11:42
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:46:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

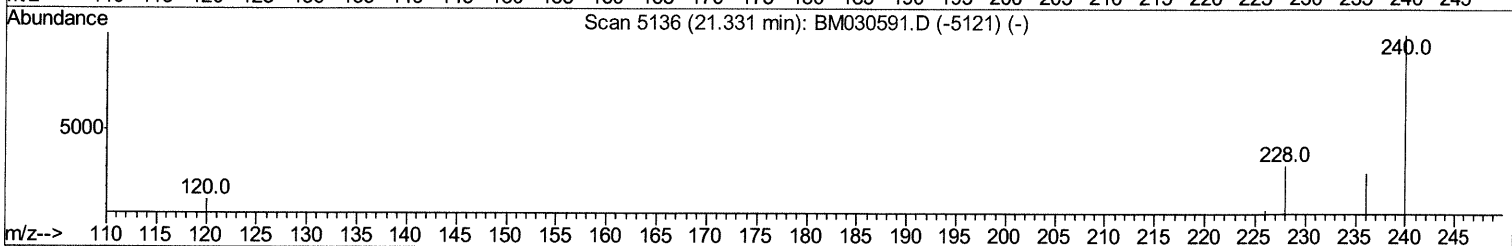
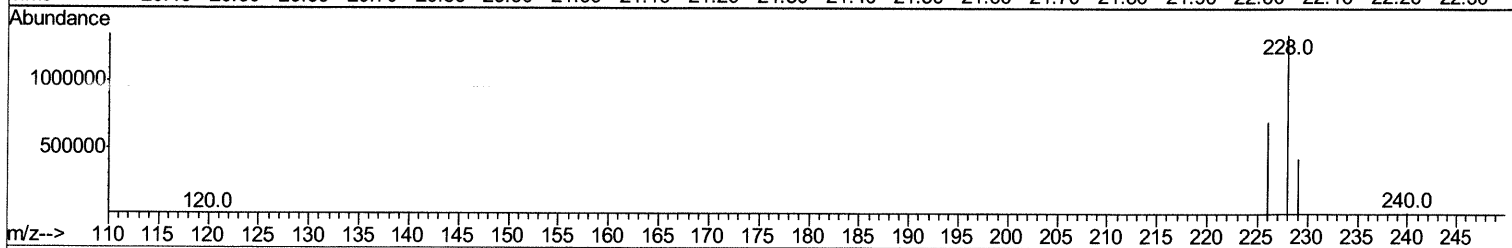
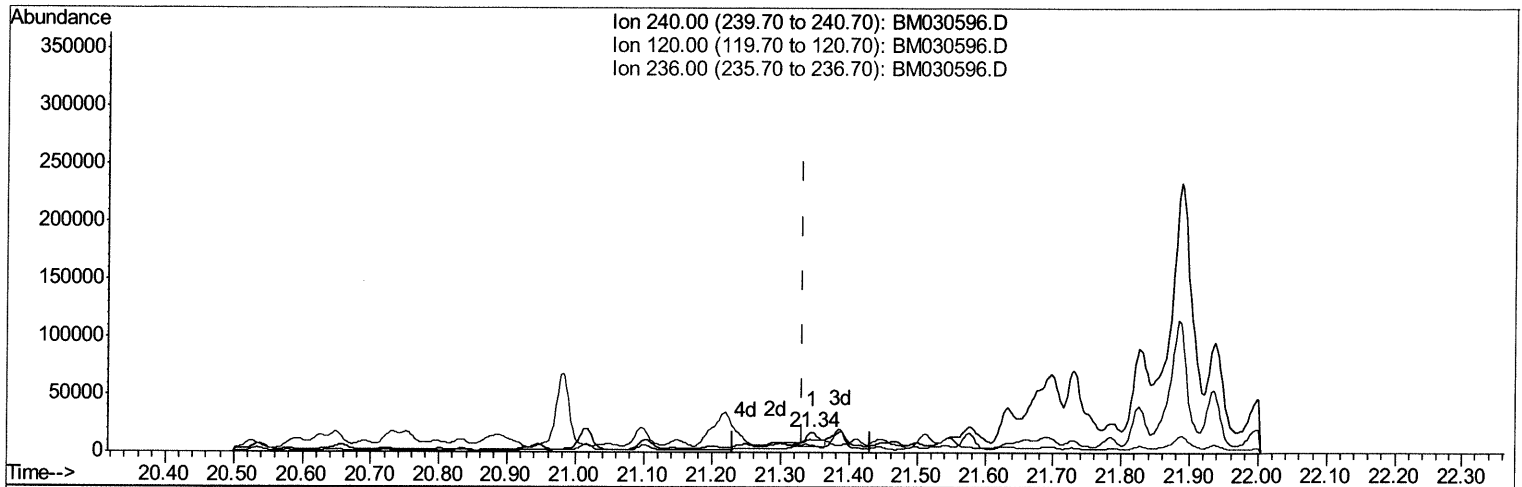
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BGDF4

Manual Integrations
APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:26:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(17) Chrysene-d12

21.345min (+0.014) 0.40ng/ul

response 18433

Ion	Exp%	Act%
240.00	100	100
120.00	15.70	37.45#
236.00	29.20	63.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

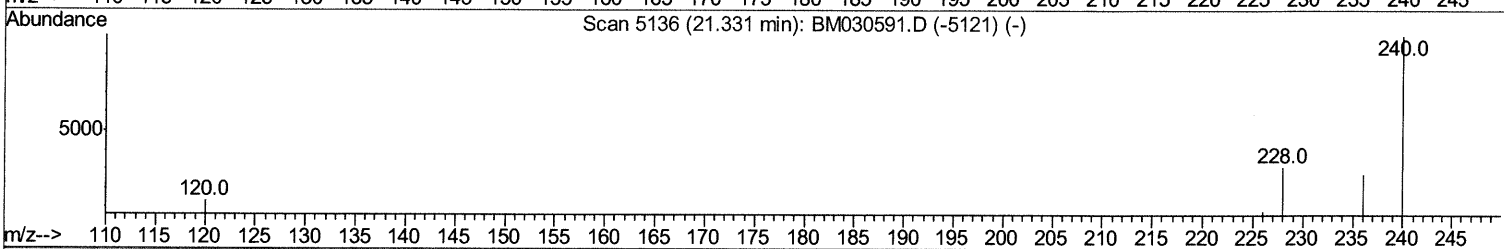
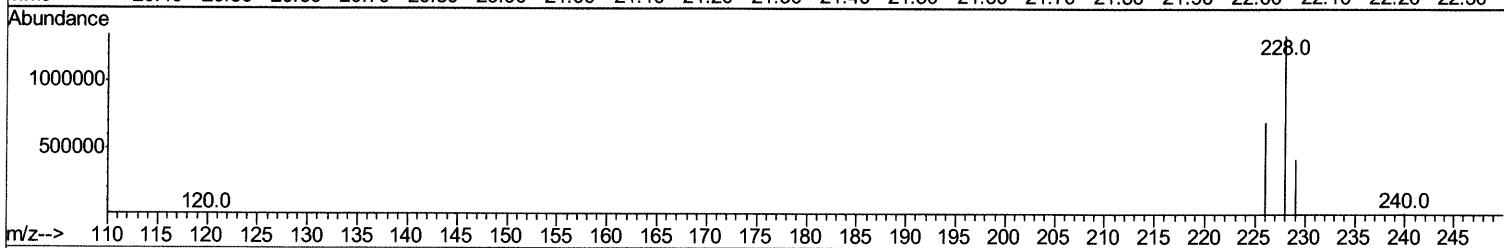
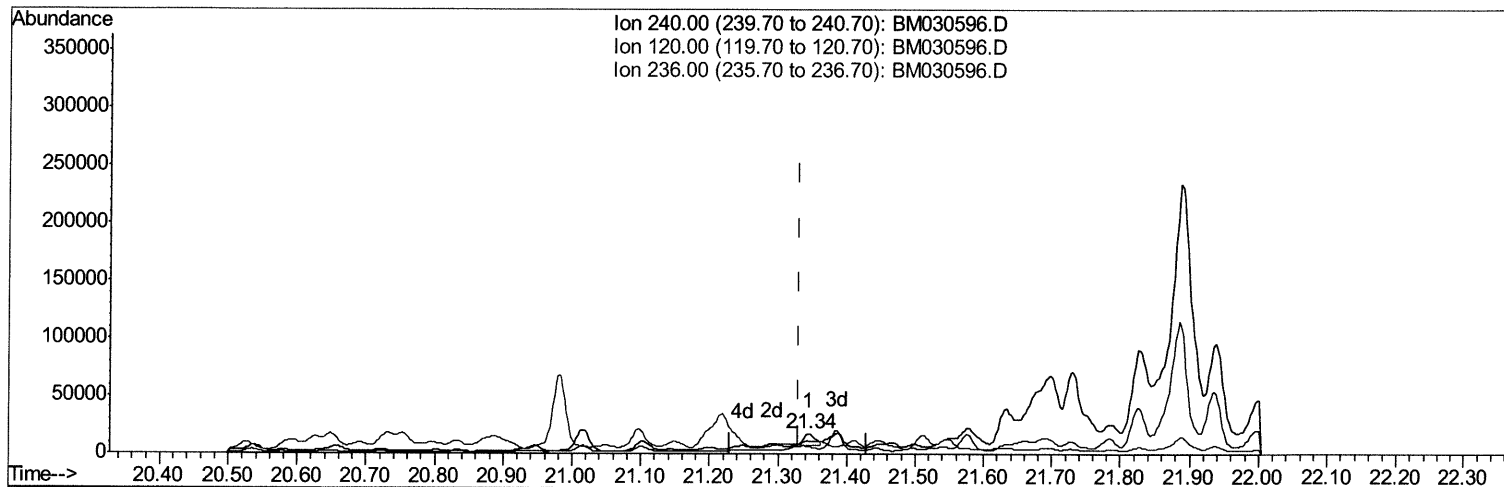
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 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:26:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(17) Chrysene-d12

21.345min (+0.014) 0.40ng/ul m 06/28/21 JU

response 11110

Ion	Exp%	Act%
240.00	100	100
120.00	15.70	37.45#
236.00	29.20	63.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

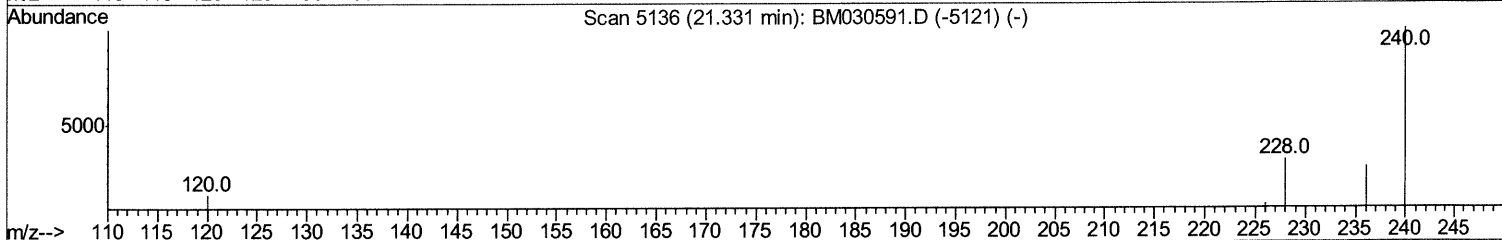
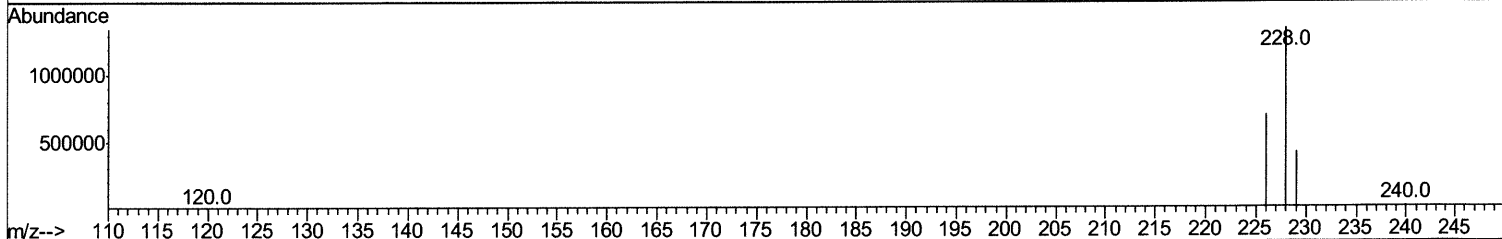
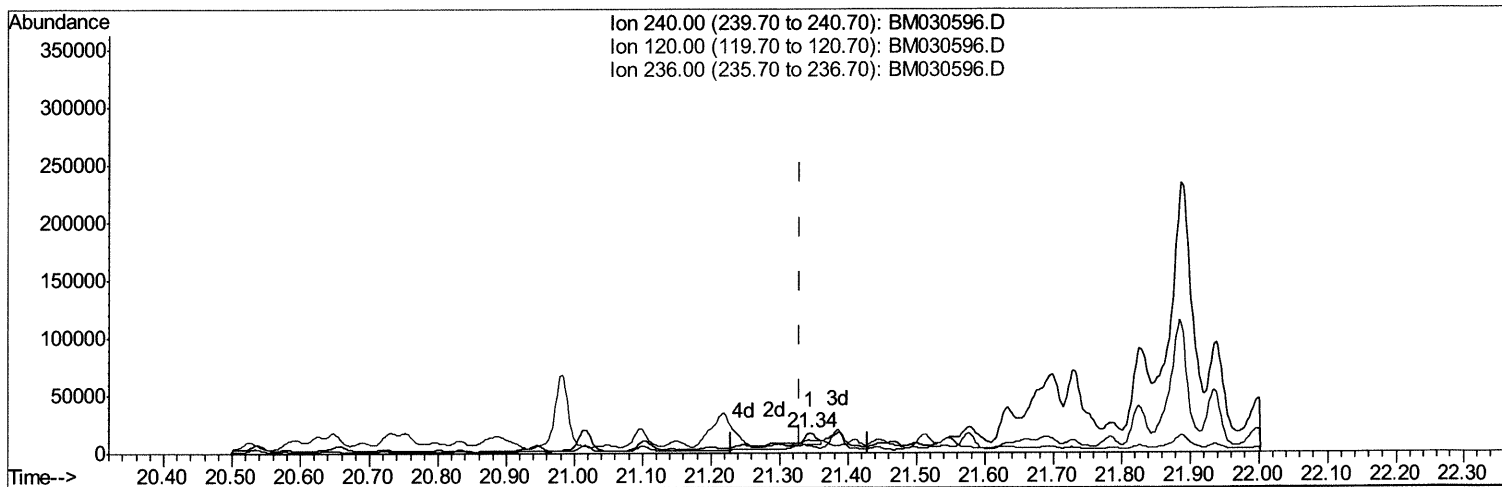
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:28:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(17) Chrysene-d12

21.345min (+0.014) 0.40ng/ul m 56/28/21JU

response 13105

Ion	Exp%	Act%
240.00	100	100
120.00	15.70	37.45#
236.00	29.20	63.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

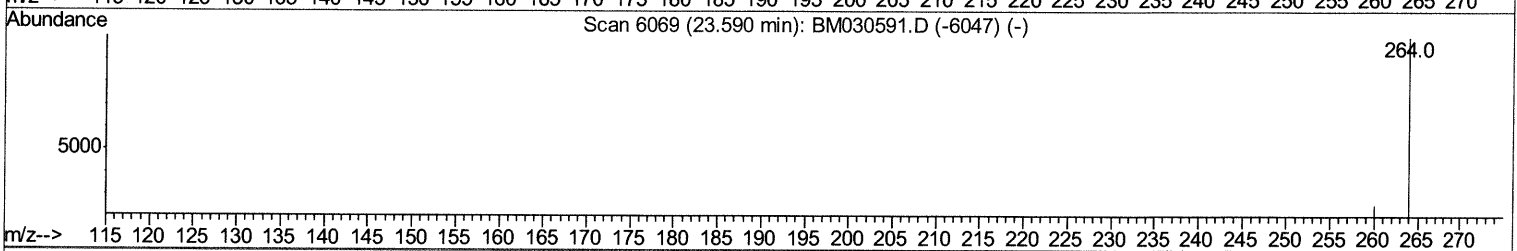
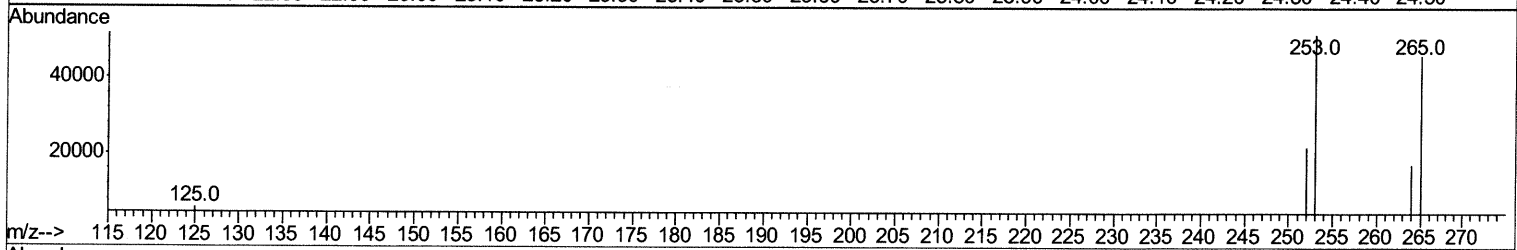
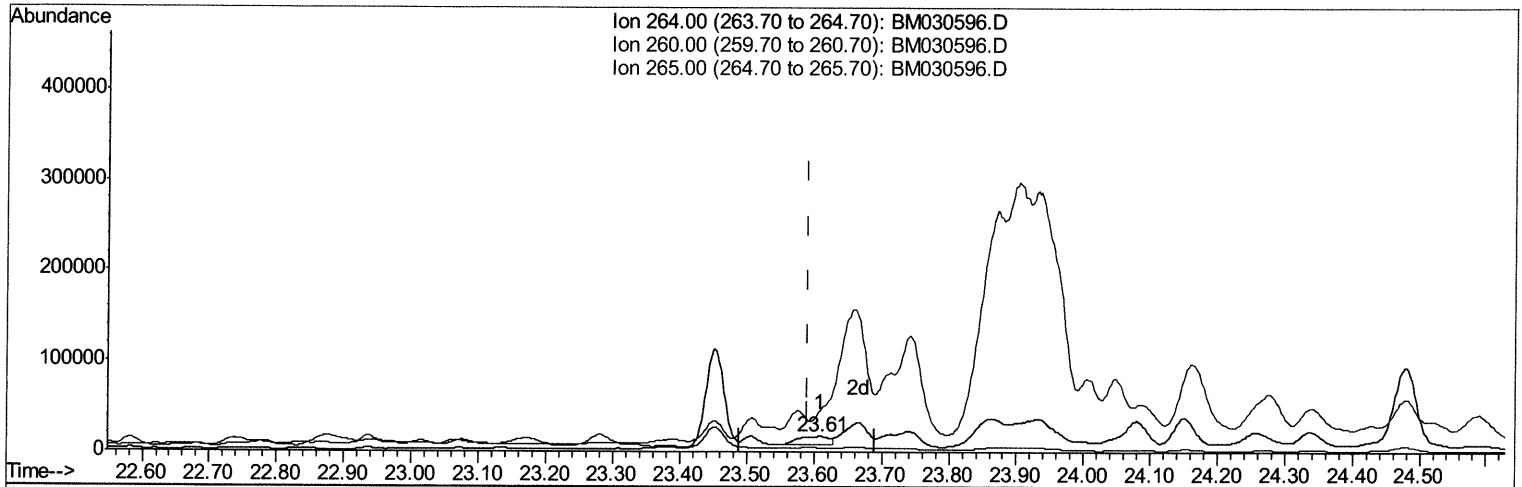
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BGDF4

Manual Integrations
APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:29:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(23) Perylene-d12 (I)

23.609min (+0.019) 0.40ng/ul

response 31786

Ion	Exp%	Act%
264.00	100	100
260.00	26.10	25.09
265.00	65.90	266.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

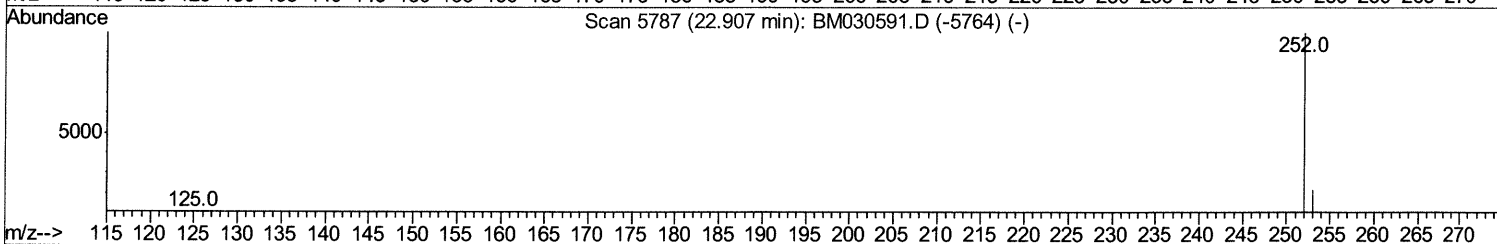
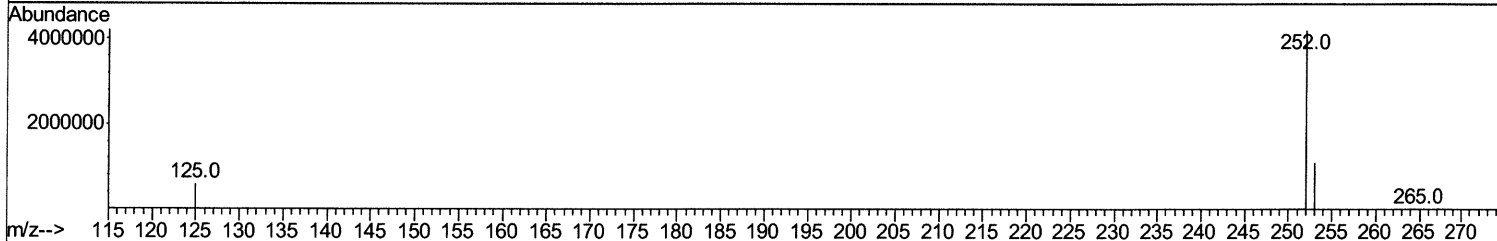
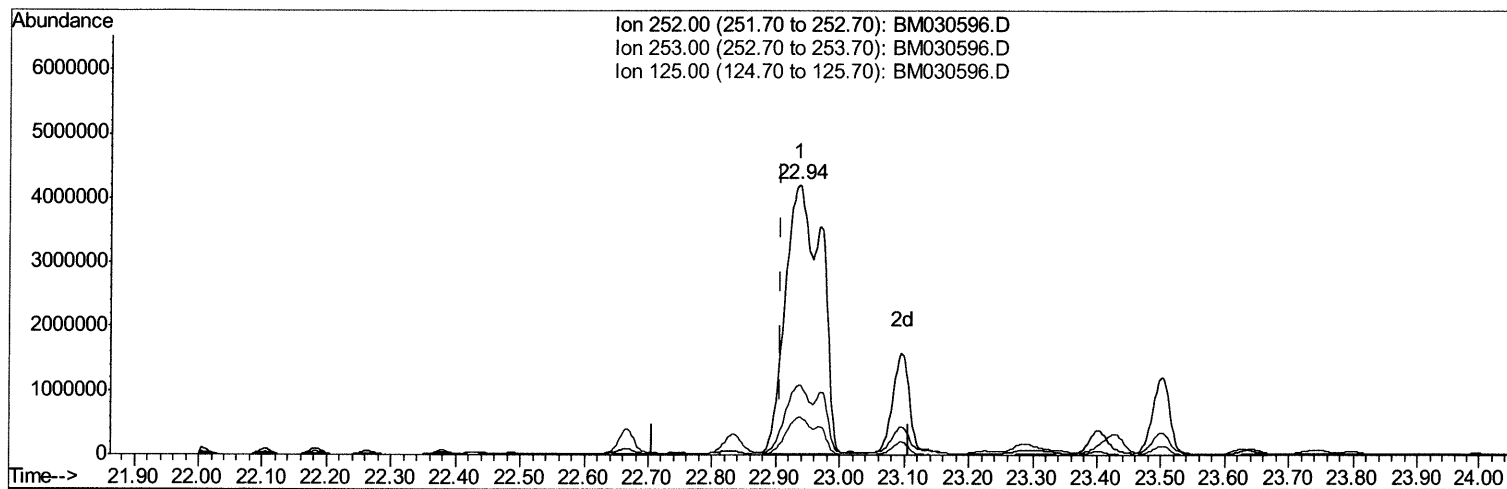
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030596.D
Acq On : 25 Jun 2021 11:42
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:29:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration



TIC: BM030596.D

(24) Benzo(b)fluoranthene

22.936min (+0.029) 320.42ng/ul

response 16340916

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	26.03
125.00	13.90	14.03
0.00	0.00	0.00

Quantitation Report (Qedit)

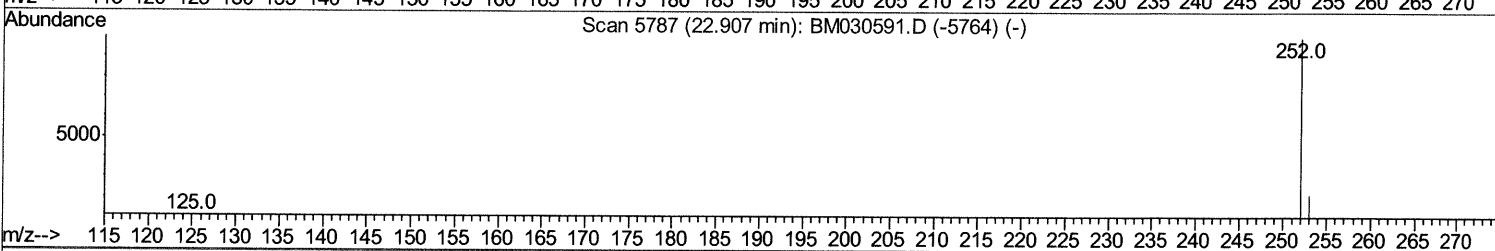
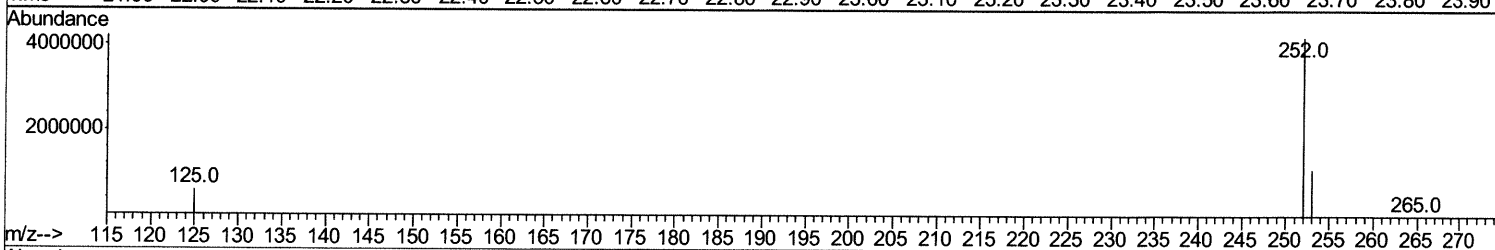
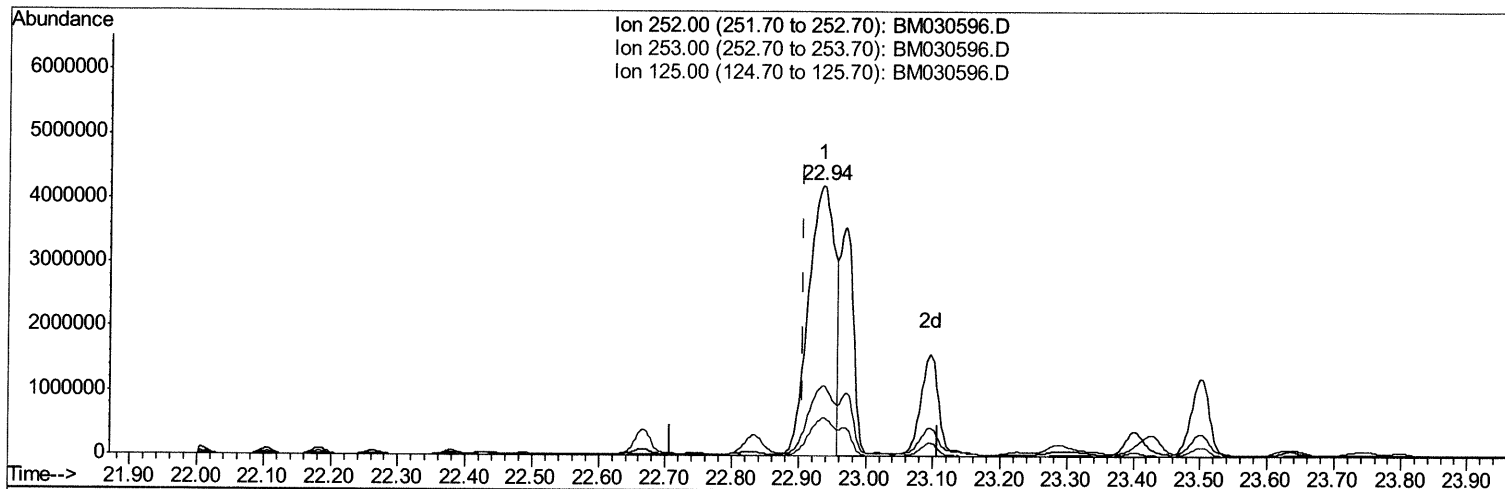
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:29:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(24) Benzo(b)fluoranthene

22.936min (+0.029) 225.43ng/ul m 06/28/21 JU

response 11496704

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	26.03
125.00	13.90	14.03
0.00	0.00	0.00

Quantitation Report (Qedit)

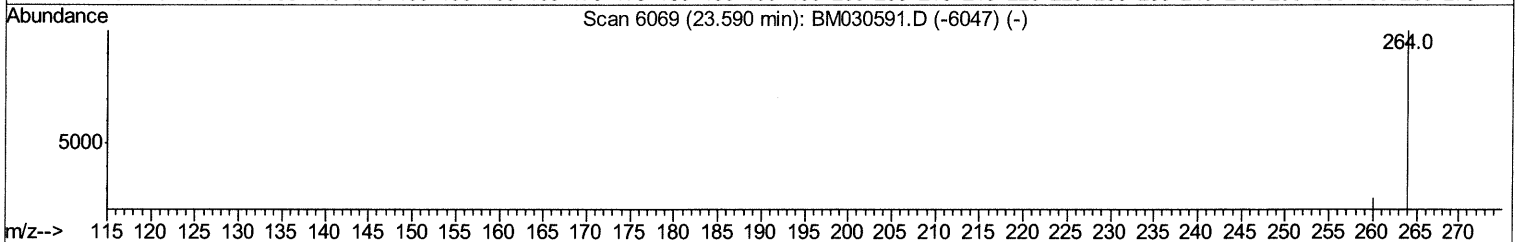
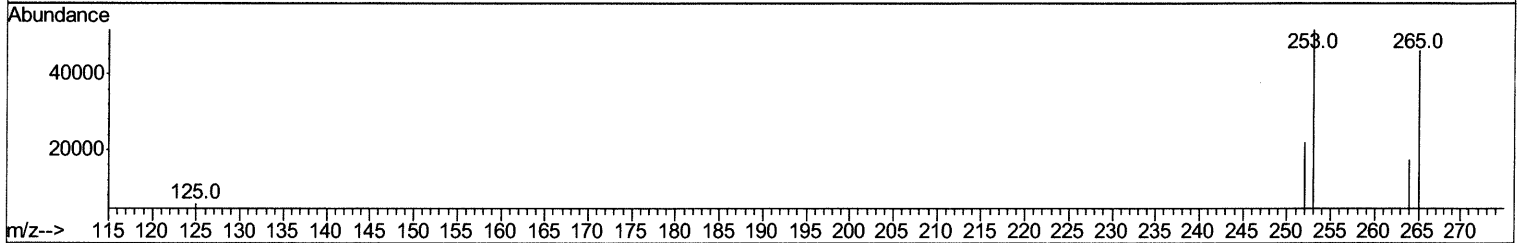
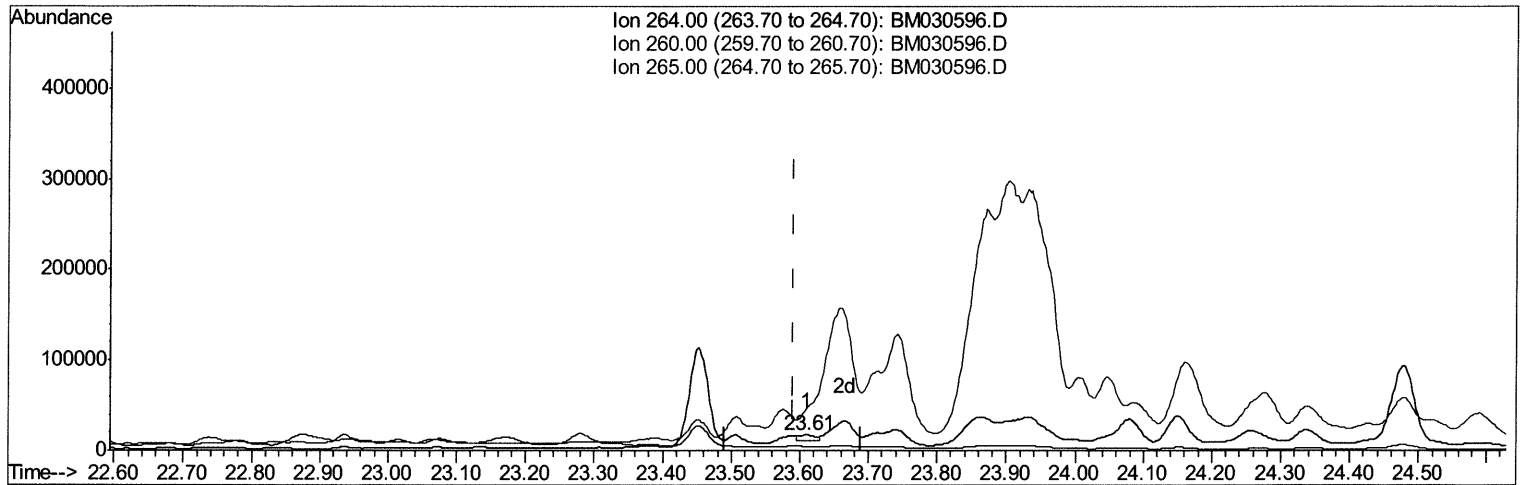
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BGDF4

Manual Integrations
APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:29:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(23) Perylene-d12 (I)

23.609min (+0.019) 0.40ng/ul m 06/28/21 JU

response 11724

Ion	Exp%	Act%
264.00	100	100
260.00	26.10	25.09
265.00	65.90	266.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

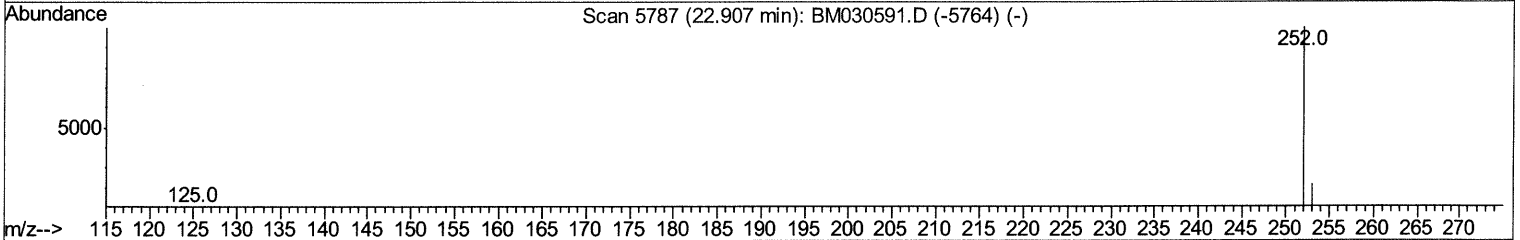
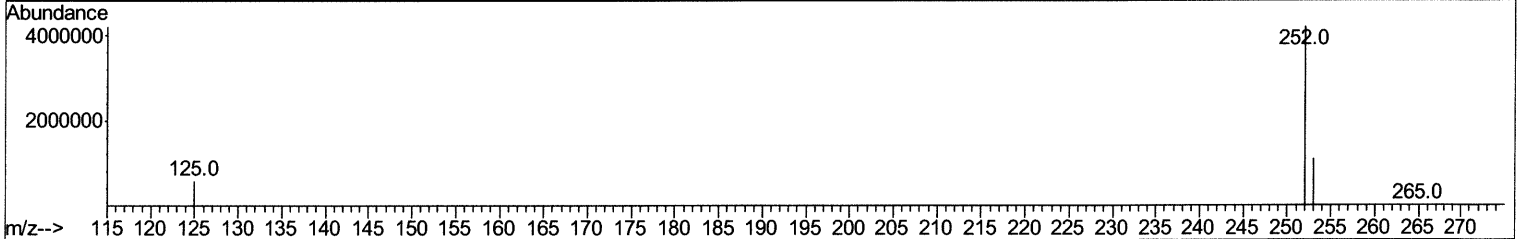
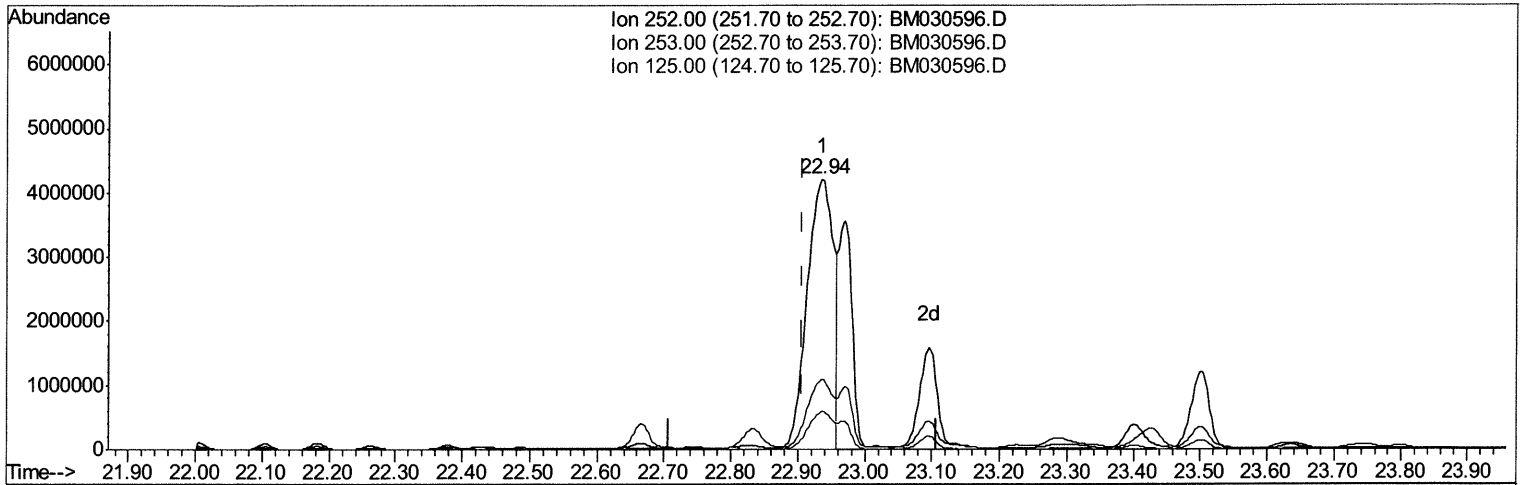
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 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BGDF4

Manual Integrations
APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:29:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(24) Benzo(b)fluoranthene

22.936min (+0.029) 225.43ng/ul m 06/28/21ju

response 11496704

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	26.03
125.00	13.90	14.03
0.00	0.00	0.00

Quantitation Report (Qedit)

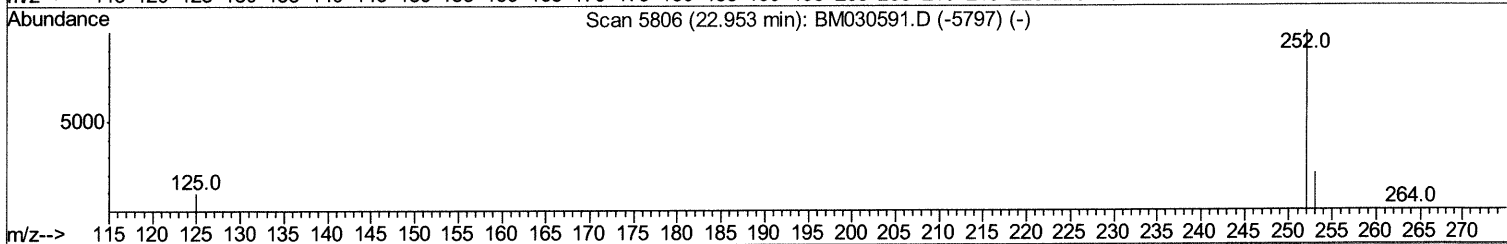
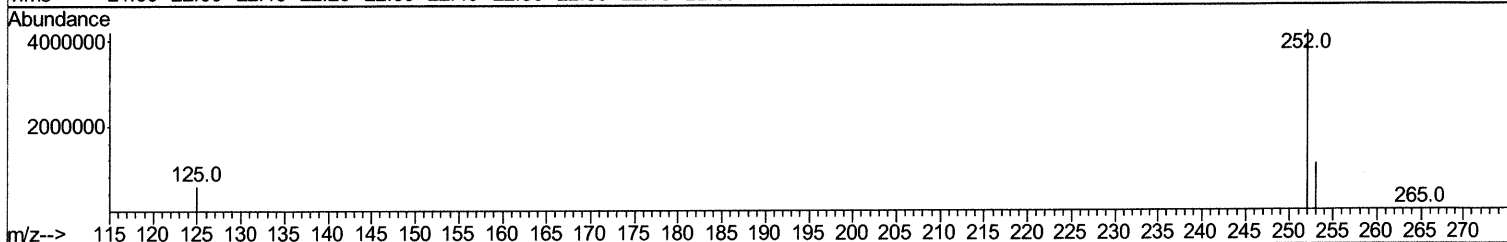
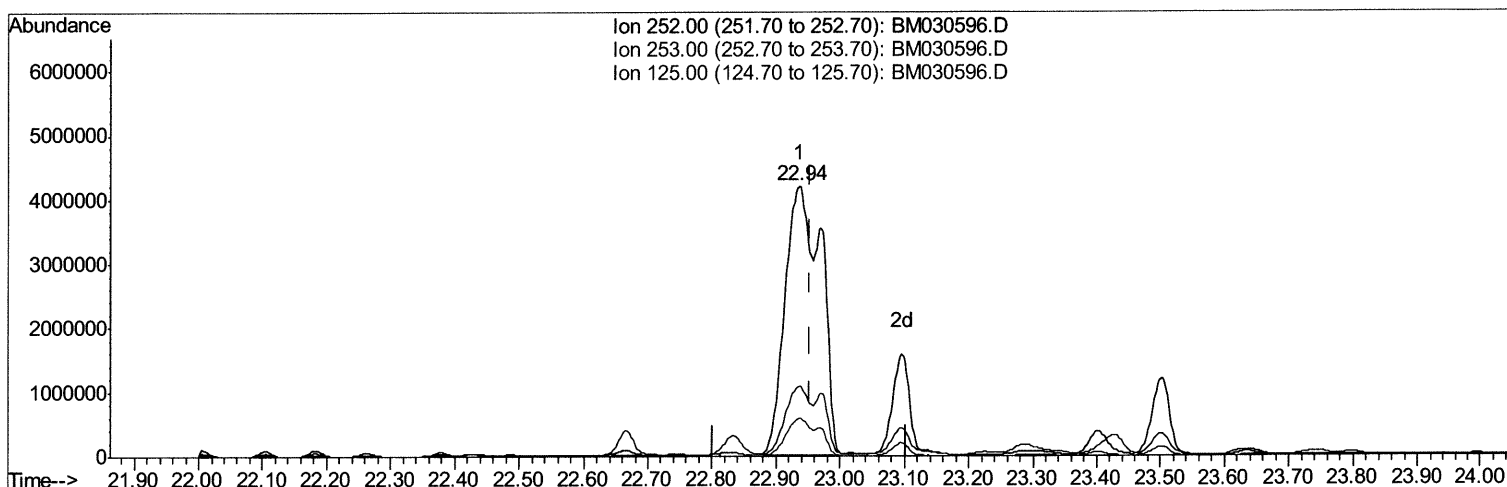
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Data File : BM030596.D
Acq On : 25 Jun 2021 11:42
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:32:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration



TIC: BM030596.D

(25) Benzo(k)fluoranthene

22.936min (-0.017) 305.50ng/ul

response 16340916

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.03
125.00	13.70	14.03
0.00	0.00	0.00

Quantitation Report (Qedit)

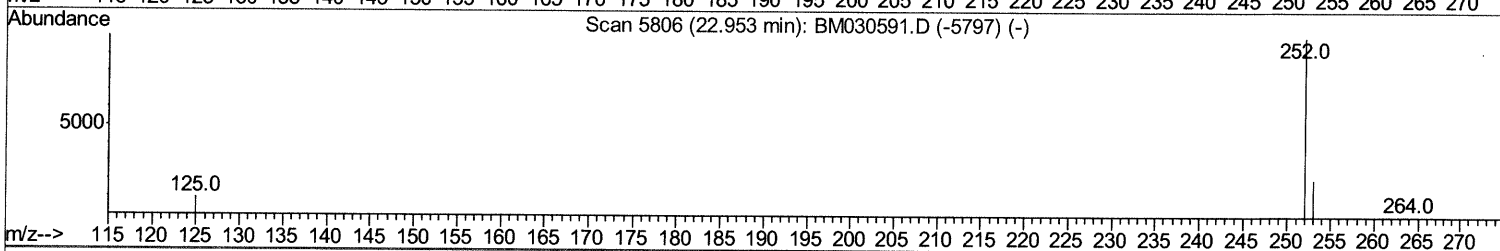
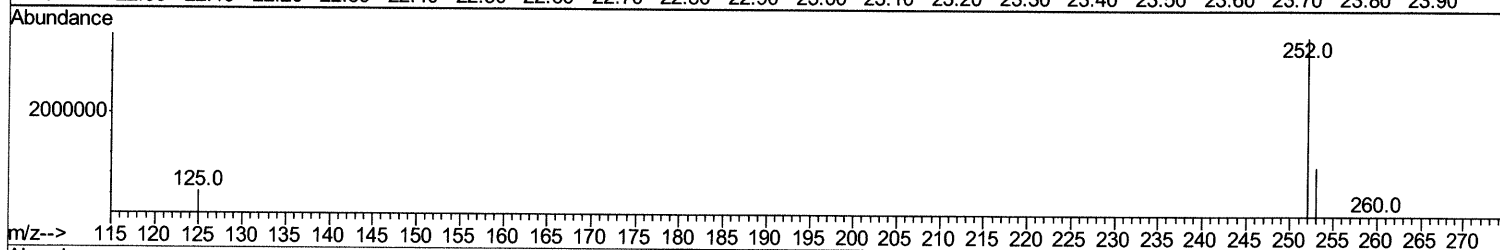
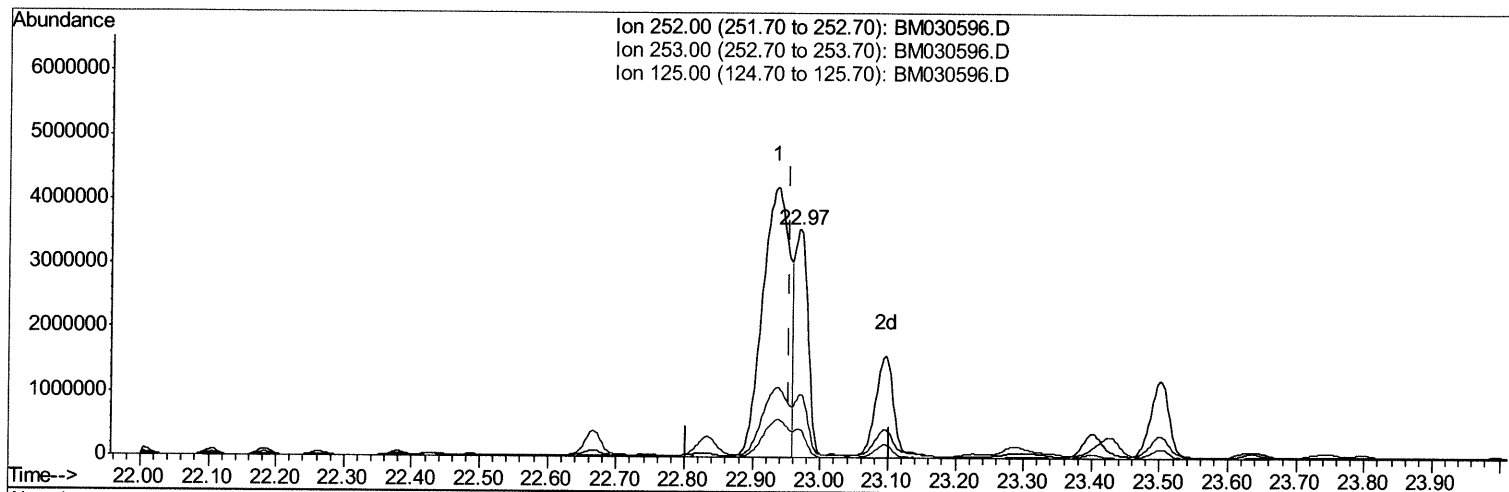
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 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:32:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(25) Benzo(k)fluoranthene

22.970min (+0.017) 93.00ng/ul m 06/28/2021

response 4974266

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	27.41
125.00	13.70	12.24
0.00	0.00	0.00

Quantitation Report (Qedit)

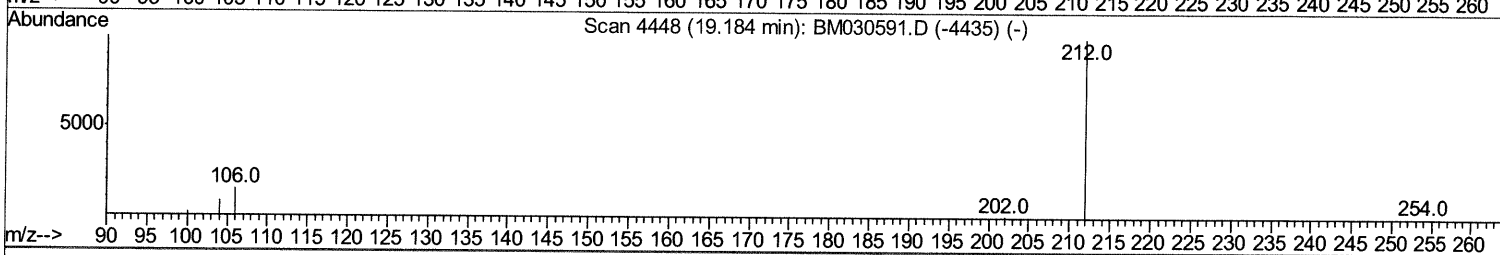
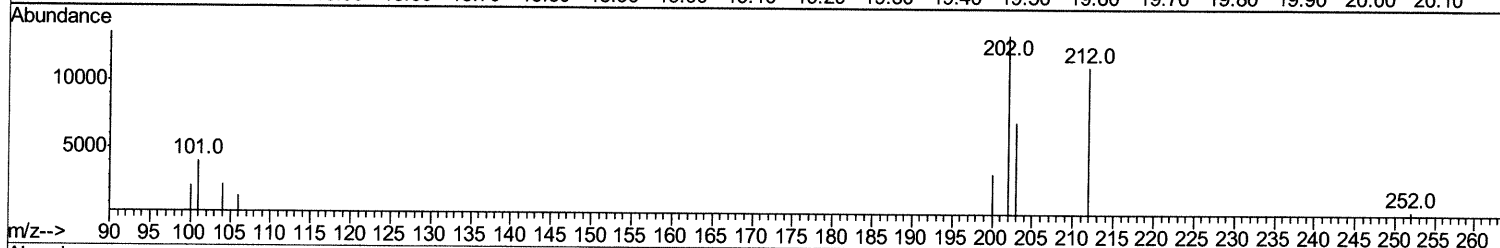
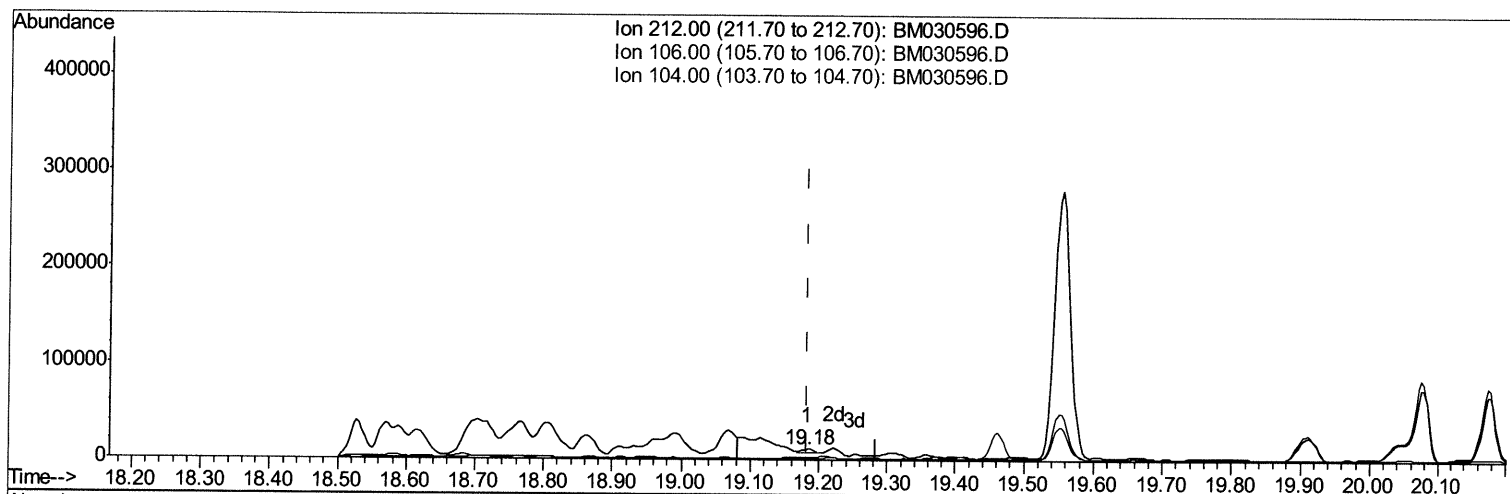
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 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:33:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration



TIC: BM030596.D

(18) Fluoranthene-d10 (SURR)

19.183min (-0.000) 0.11ng/ul

response 4405

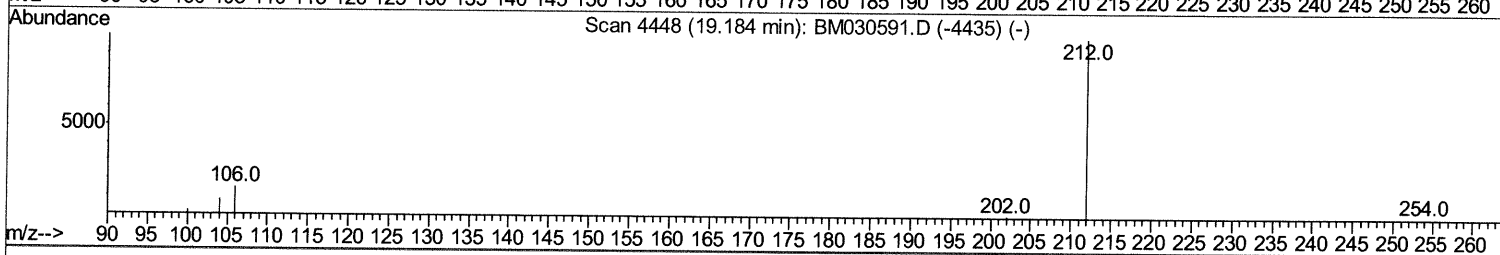
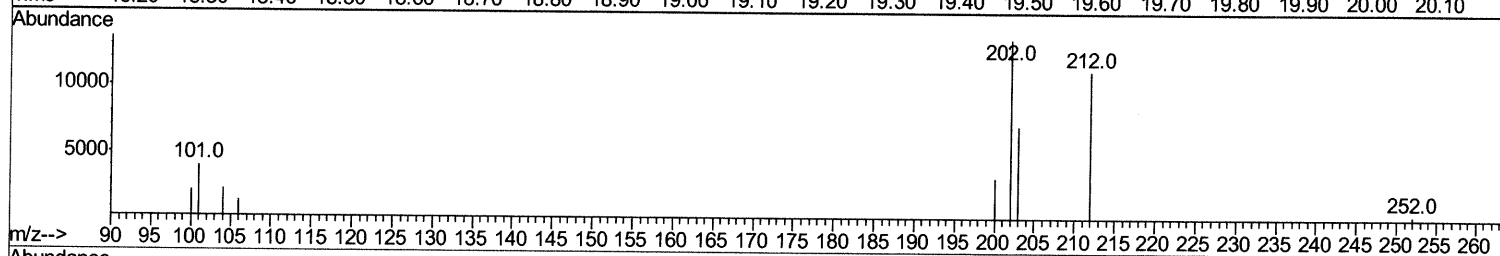
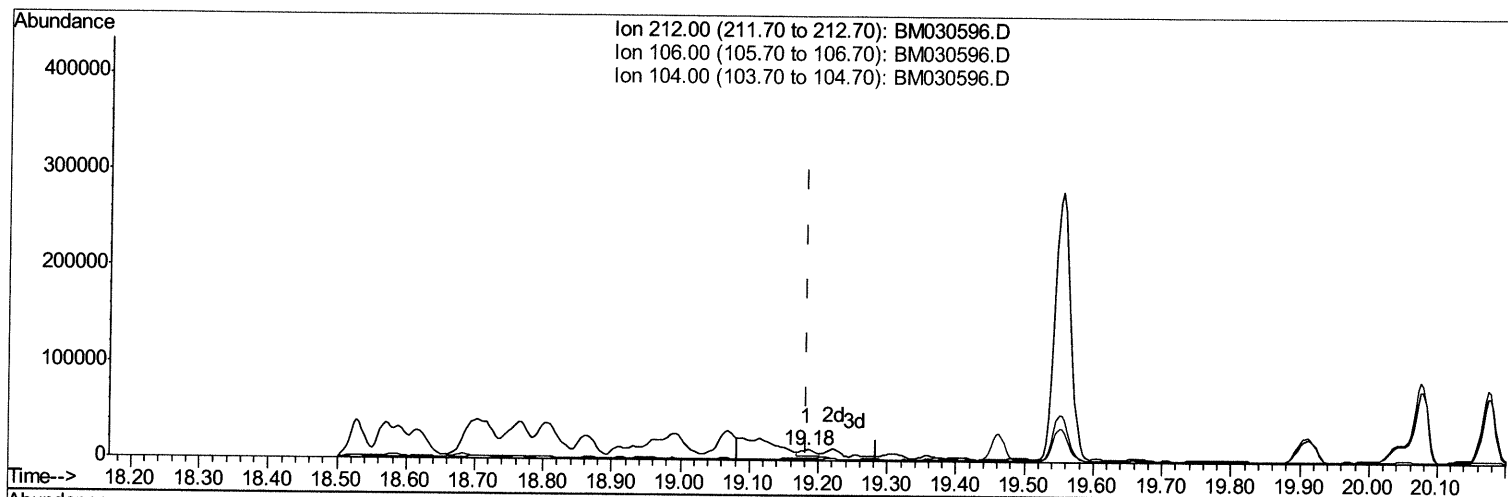
Ion	Exp%	Act%
212.00	100	100
106.00	14.70	17.25
104.00	8.60	70.92#
0.00	0.00	0.00

```
Data Path   : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\  
Data File   : BM030596.D  
Acq On      : 25 Jun 2021   11:42  
Operator    : CG/JU  
Sample      : M2662-04  
Misc        :  
ALS Vial    : 7      Sample Multiplier: 1
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Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration



TIC: BM030596.D

(18) Fluoranthene-d10 (SURR)

19.183min (-0.000) 0.20ng/ul m 06/28/21 ju

response 8219

Ion	Exp%	Act%
212.00	100	100
106.00	14.70	9.25#
104.00	8.60	38.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
 Data File : BM030596.D
 Acq On : 25 Jun 2021 11:42
 Operator : CG/JU
 Sample : M2662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:11 PM

Quant Time: Jun 25 12:46:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	4522	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	17746	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	12708	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.17	188	16155	0.40	ng/ul	0.00
17) Chrysene-d12	21.34	240	13105m	0.40	ng/ul	0.01
23) Perylene-d12	23.61	264	11724m	0.40	ng/ul	0.02

06/28/21 JU

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	16309	3.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	6788	0.24	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	8219m	0.20	ng/ul	0.00

06/28/21 JU

Target Compounds

					Ovalue
5) Naphthalene	10.63	128	652971	12.369	ng/ul 99
7) 2-Methylnaphthalene	12.24	142	82254	2.309	ng/ul 100
8) 1-Methylnaphthalene	12.46	142	75196	2.173	ng/ul 99
10) Acenaphthylene	14.14	152	2150317	36.157	ng/ul 99
11) Acenaphthene	14.48	153	1115893	23.032	ng/ul 98
12) Fluorene	15.47	166	2518908	46.948	ng/ul 100
15) Phenanthrene	17.22	178	19096907	331.994	ng/ul# 79
16) Anthracene	17.31	178	9149775	181.566	ng/ul# 91
19) Fluoranthene	19.23	202	21435236	355.787	ng/ul# 82
20) Pyrene	19.59	202	11701097	189.578	ng/ul# 88
21) Benzo(a)anthracene	21.33	228	11553235	221.931	ng/ul# 75
22) Chrysene	21.38	228	8744527	151.310	ng/ul# 81
24) Benzo(b)fluoranthene	22.94	252	11496704m	225.432	ng/ul 3
25) Benzo(k)fluoranthene	22.97	252	4974266m	92.995	ng/ul 3
26) Benzo(a)pyrene	23.50	252	2291392	50.630	ng/ul# 94
27) Indeno(1,2,3-cd)pyrene	25.89	276	2266132	39.378	ng/ul# 98
28) Dibenzo(a,h)anthracene	25.89	278	1579976	34.422	ng/ul 94
29) Benzo(a,h,i)perylene	26.59	276	56059	1.128	ng/ul# 63

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