

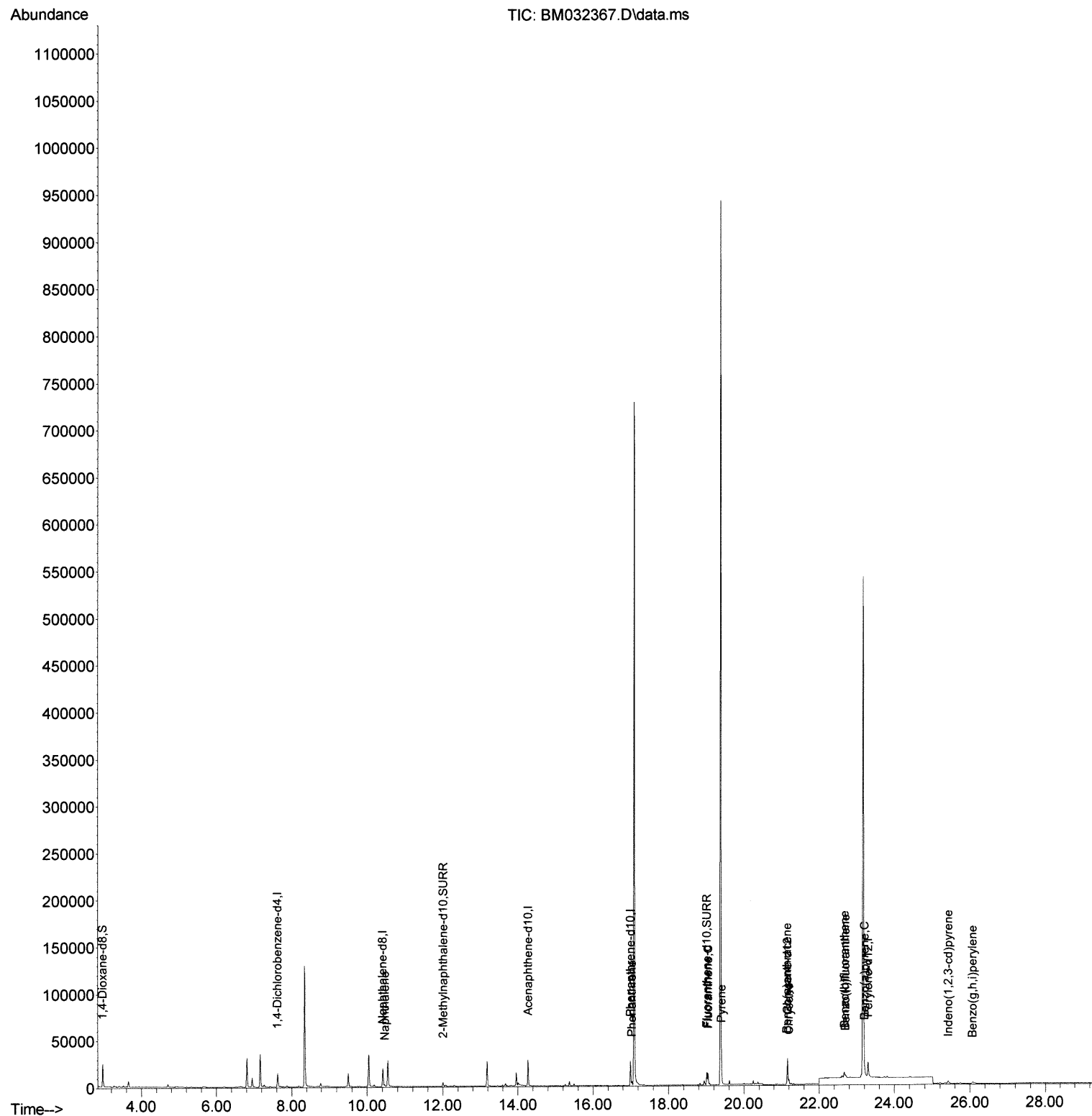
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032367.D
Acq On : 07 Oct 2021 21:33
Operator : CG/JU
Sample : M3879-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW411

Manual Integrations
APPROVED

mohammad
10/11/2021 2:08:53 PM

Quant Time: Oct 08 03:35:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration



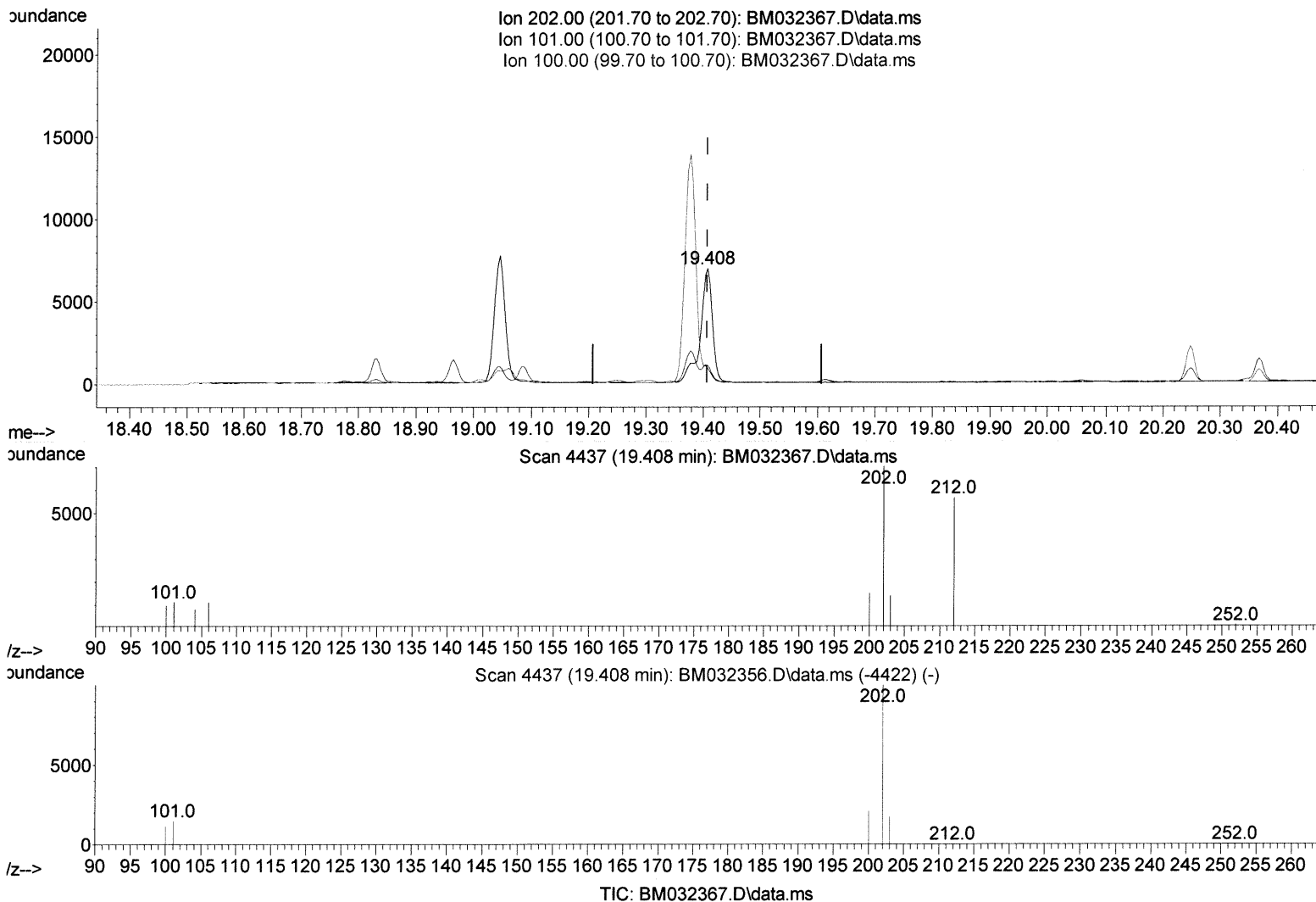
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(20) Pyrene

19.408min (0.000) 0.11 ng/ul

response 10532

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.10	16.17
100.00	12.20	13.87
0.00	0.00	0.00

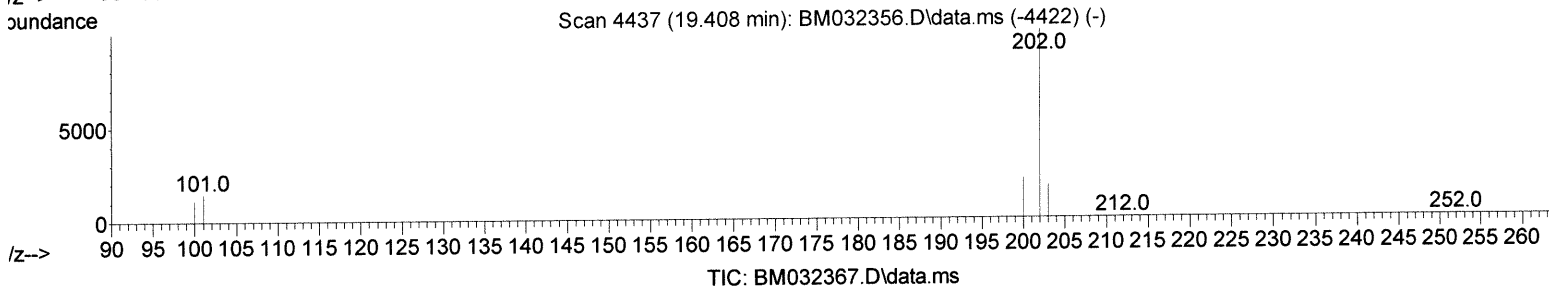
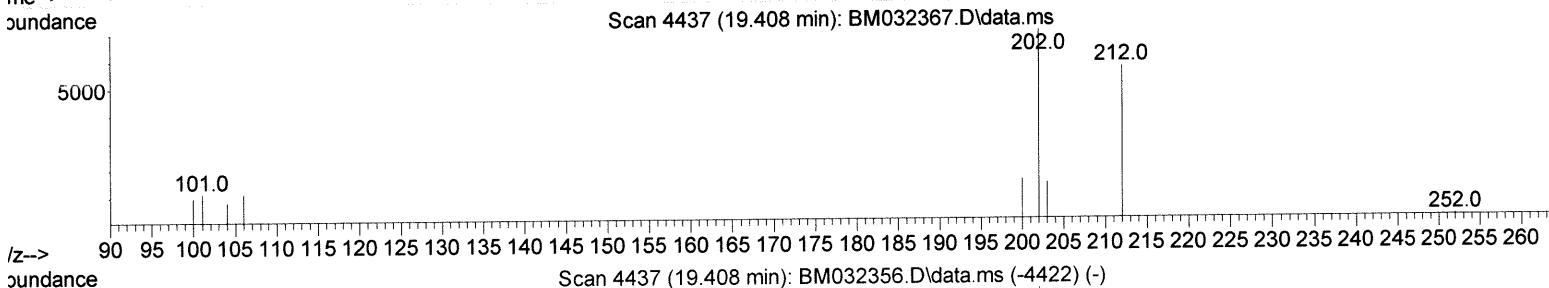
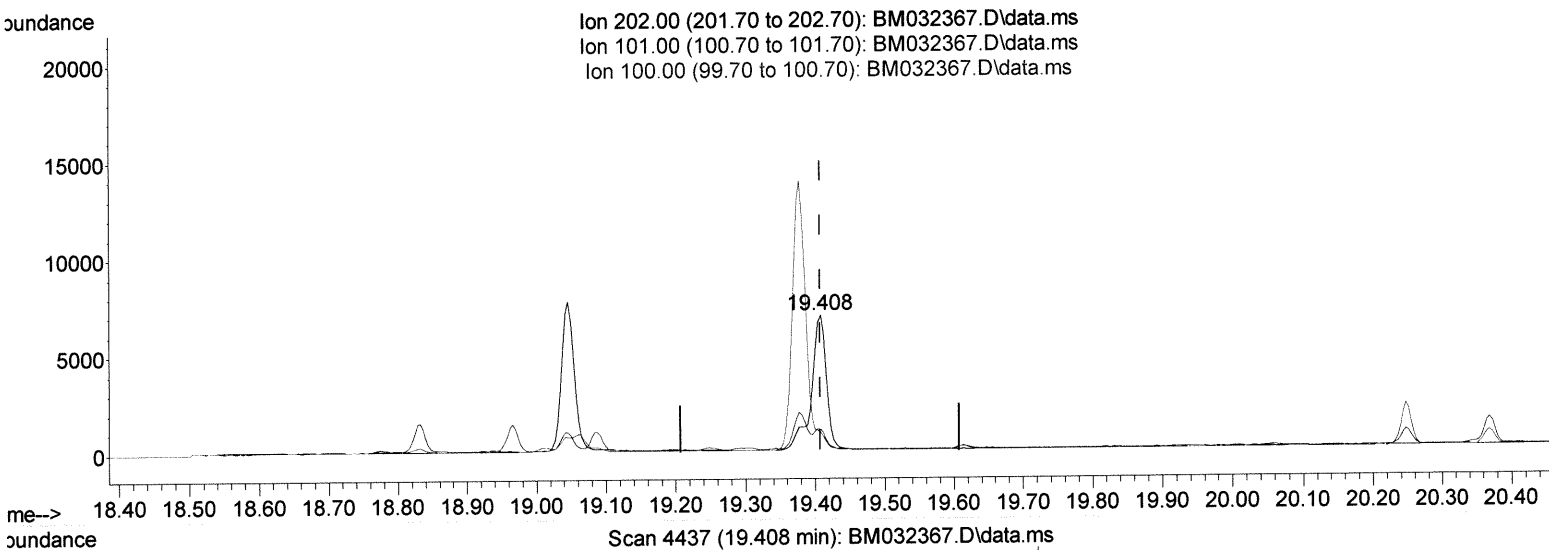
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
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 Response via : Initial Calibration



(20) Pyrene

19.408min (0.000) 0.10 ng/ul m

response 9198

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.10	16.17
100.00	12.20	13.87
0.00	0.00	0.00

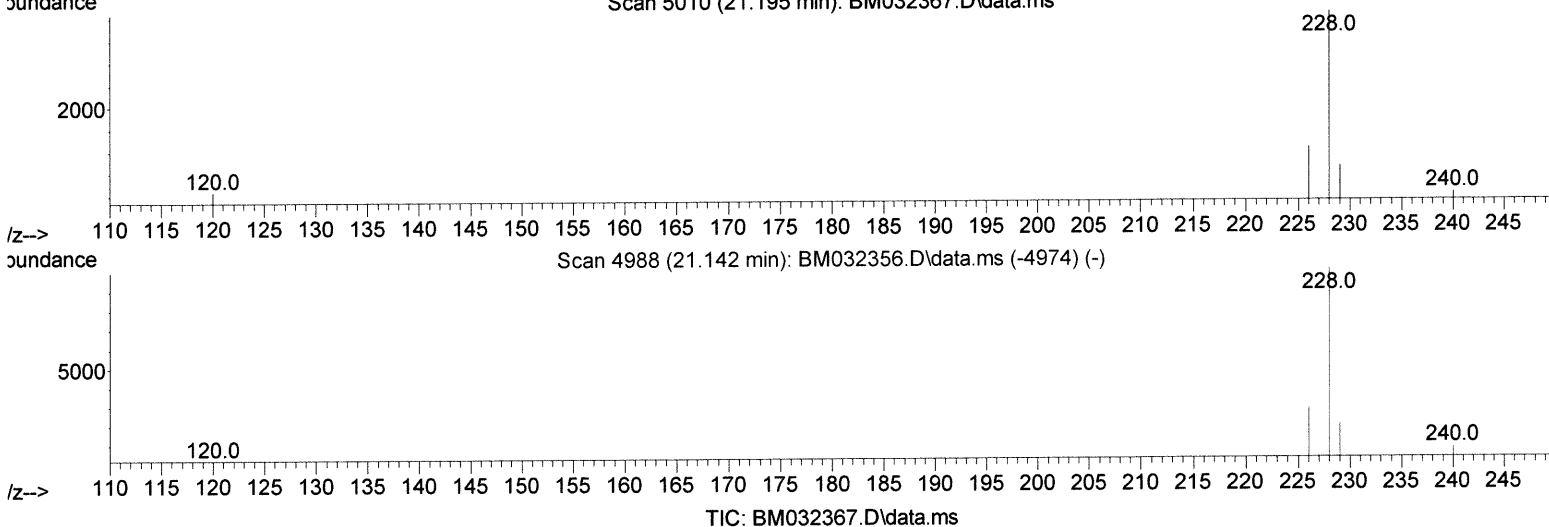
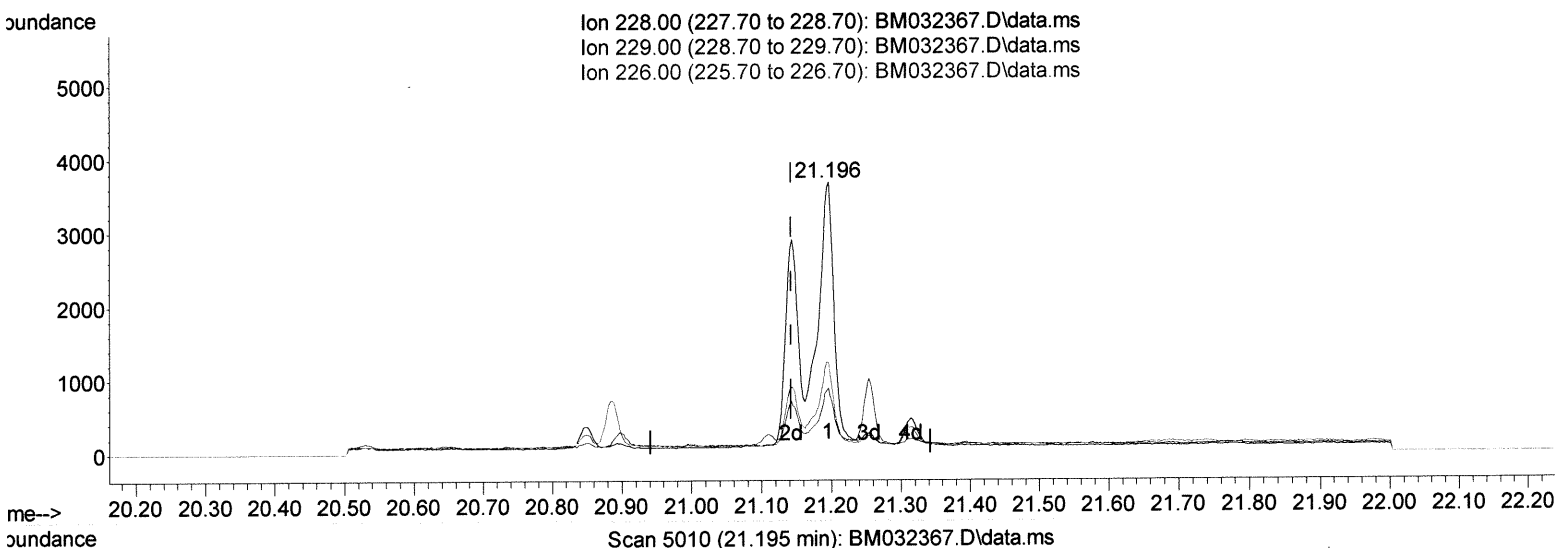
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

mohammad
 10/11/2021 2:08:53 PM

Quant Time: Oct 08 08:05:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 03:53:10 2021
 Response via : Initial Calibration



(21) Benzo(a)anthracene

21.195min (+ 0.053) 0.07 ng/ul

response 5580

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.00	23.98
226.00	27.90	33.42
0.00	0.00	0.00

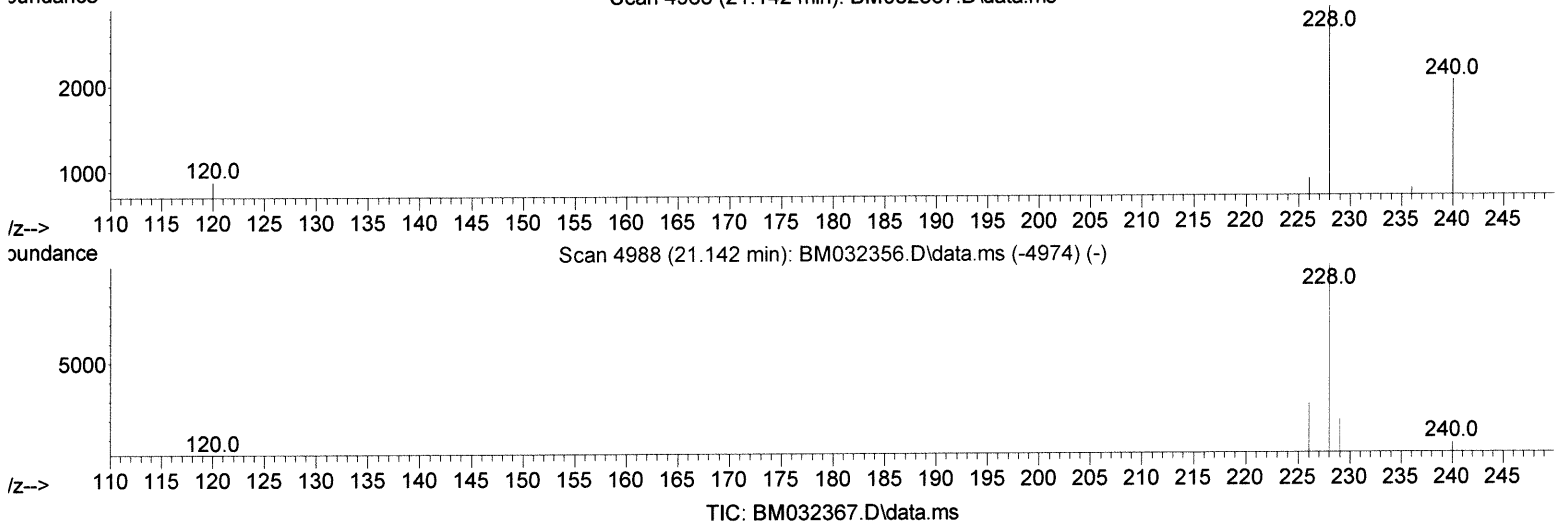
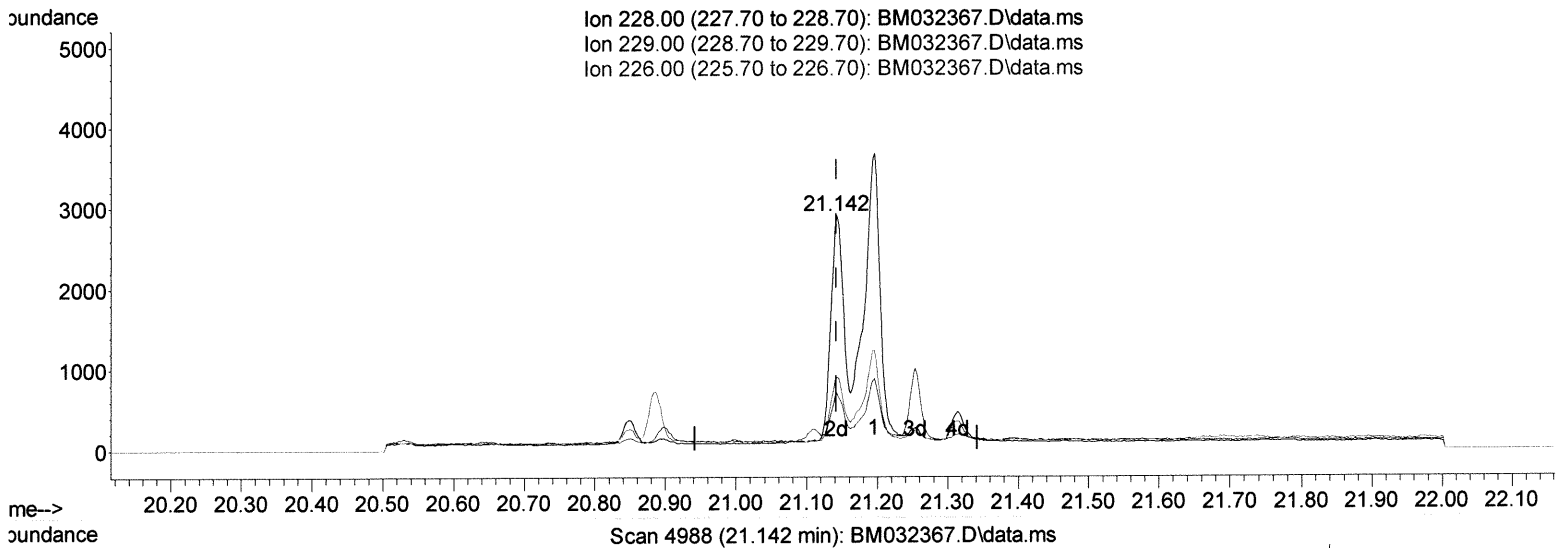
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

mohammad
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Quant Time: Oct 08 03:35:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration



(21) Benzo(a)anthracene

21.142min (0.000) 0.04 ng/ul m

response 3538

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.00	24.26#
226.00	27.90	30.98
0.00	0.00	0.00

21.10/12/21

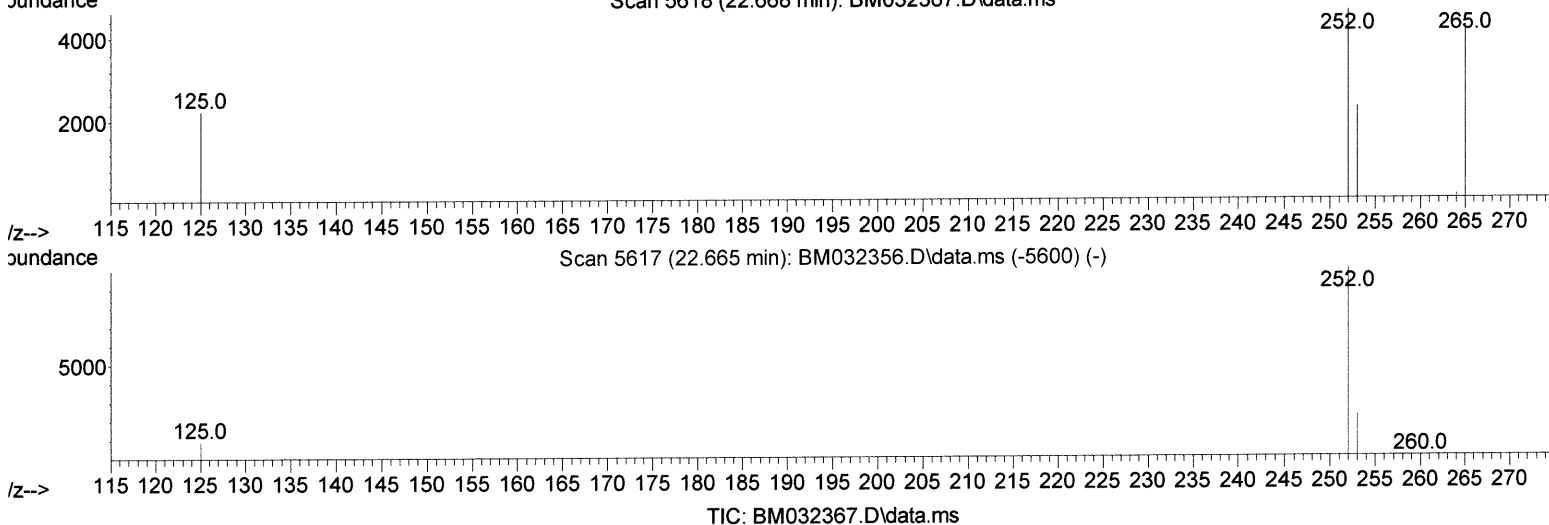
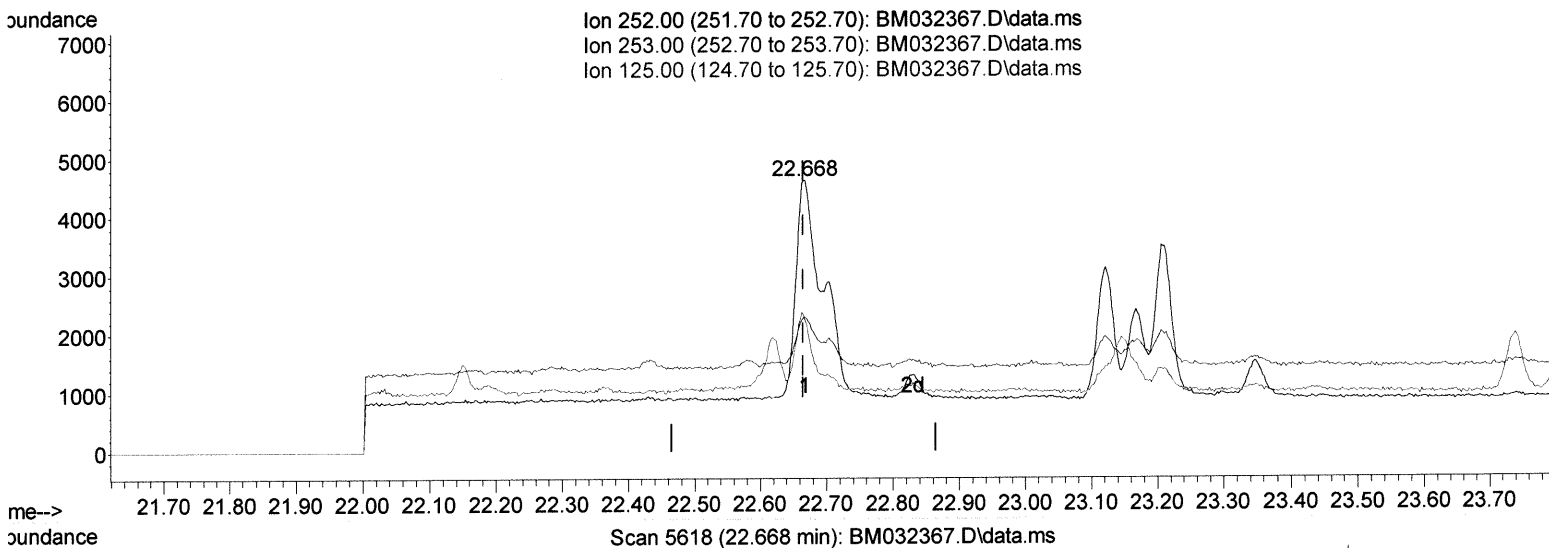
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

mohammad
 10/11/2021 2:08:53 PM

Quant Time: Oct 08 03:35:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.668min (+ 0.002) 0.10 ng/ul

response 10505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	49.69
125.00	15.70	48.54#
0.00	0.00	0.00

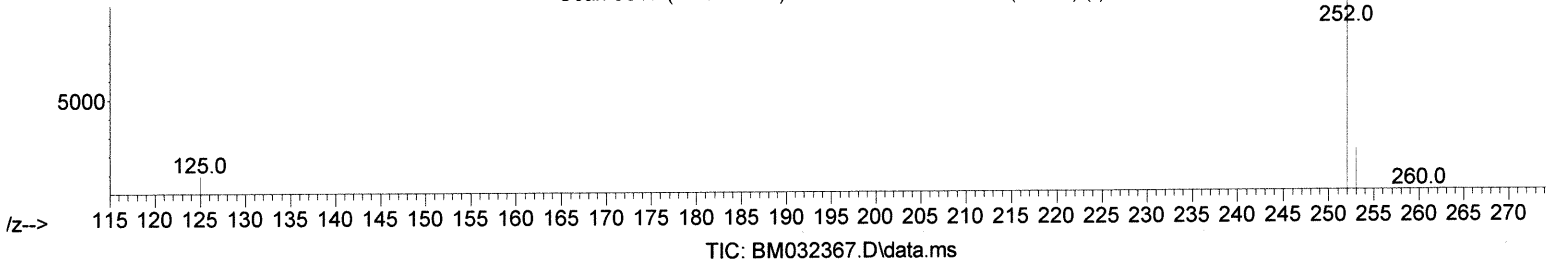
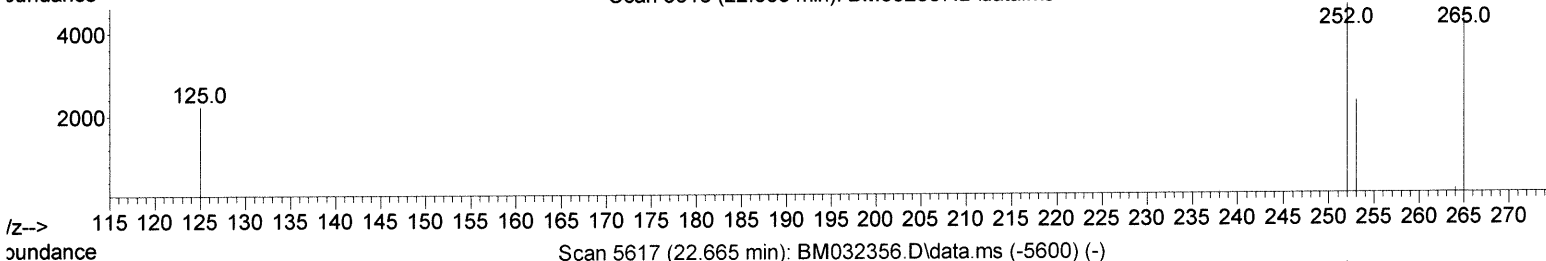
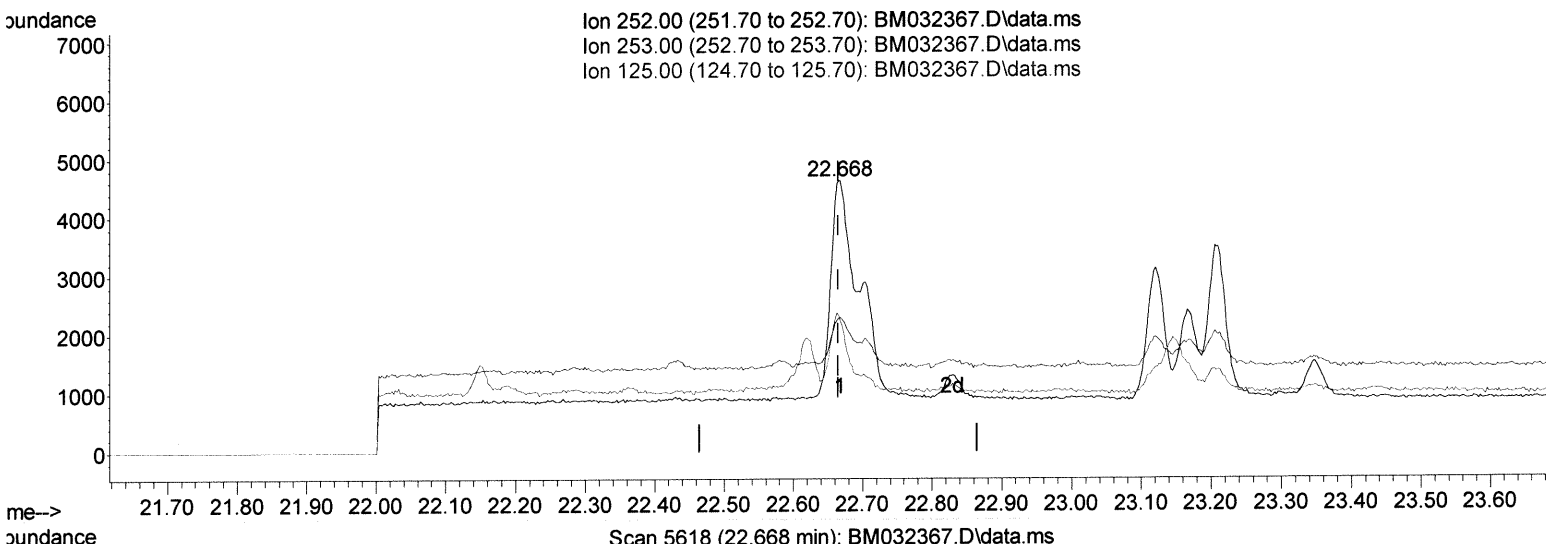
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

mohammad
 10/11/2021 2:08:53 PM

Quant Time: Oct 08 03:35:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.668min (+ 0.002) 0.07 ng/ul m

response 7451

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	49.69
125.00	15.70	48.54#
0.00	0.00	0.00

3410/12/21

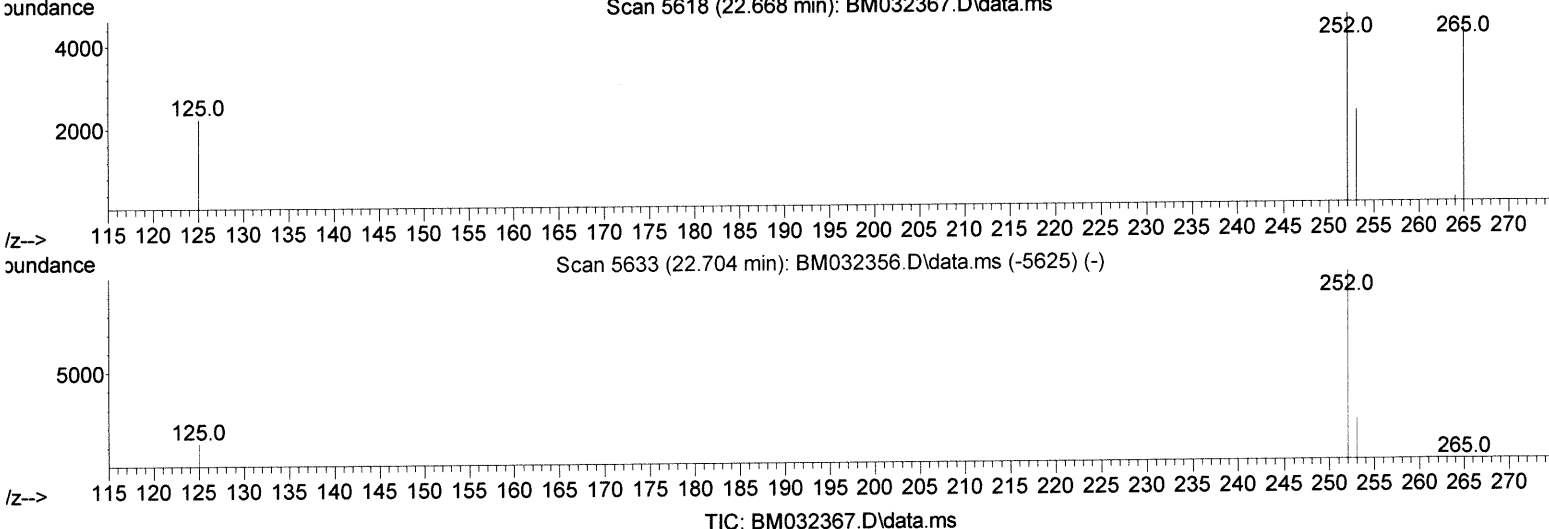
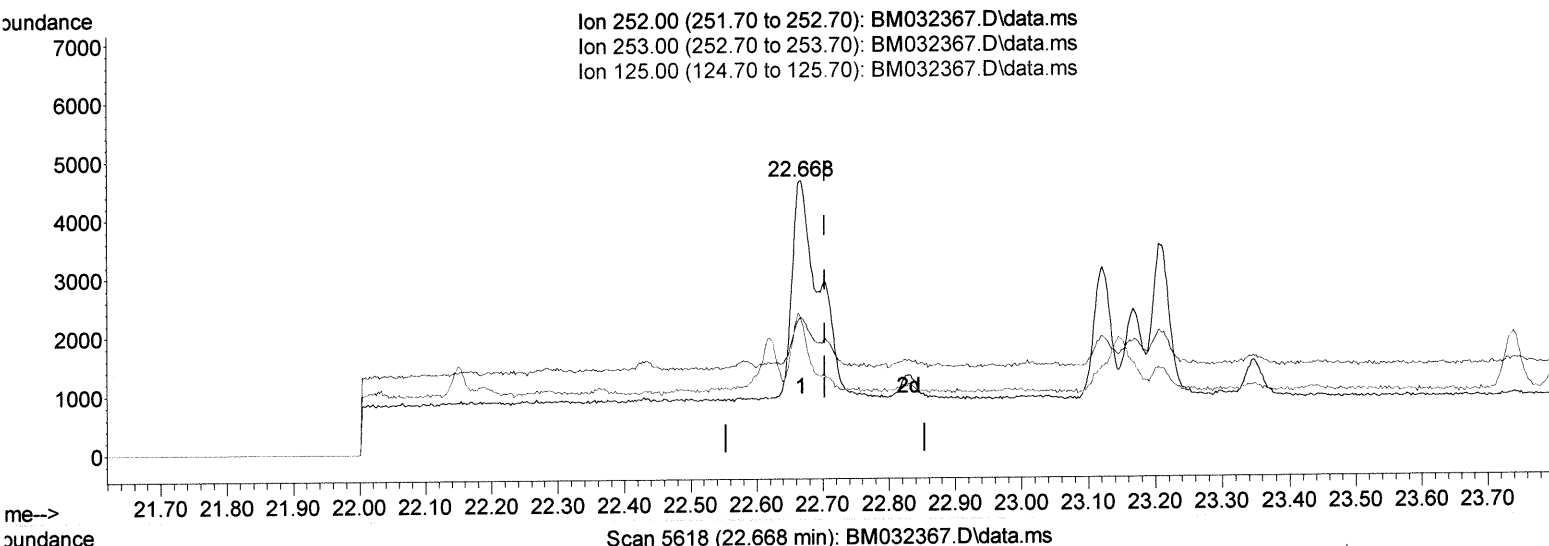
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 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

mohammad
 10/11/2021 2:08:53 PM

Quant Time: Oct 08 03:35:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.668min (-0.036) 0.11 ng/ul

response 10505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	49.69#
125.00	16.10	48.54#
0.00	0.00	0.00

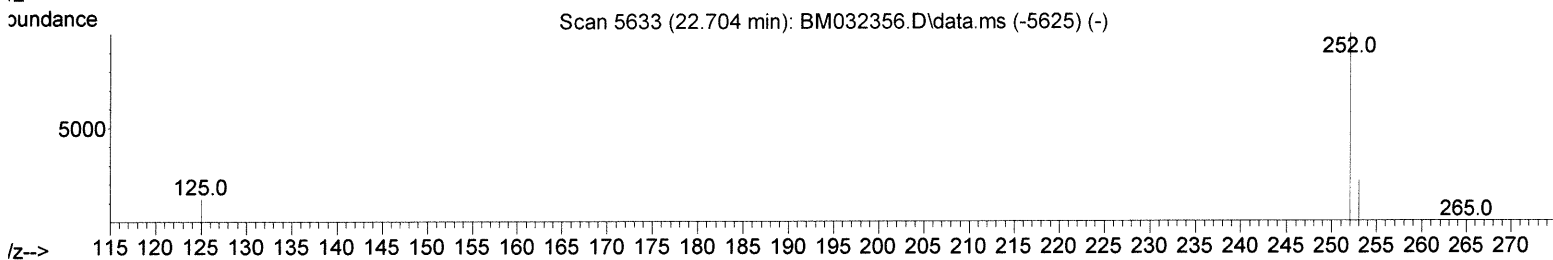
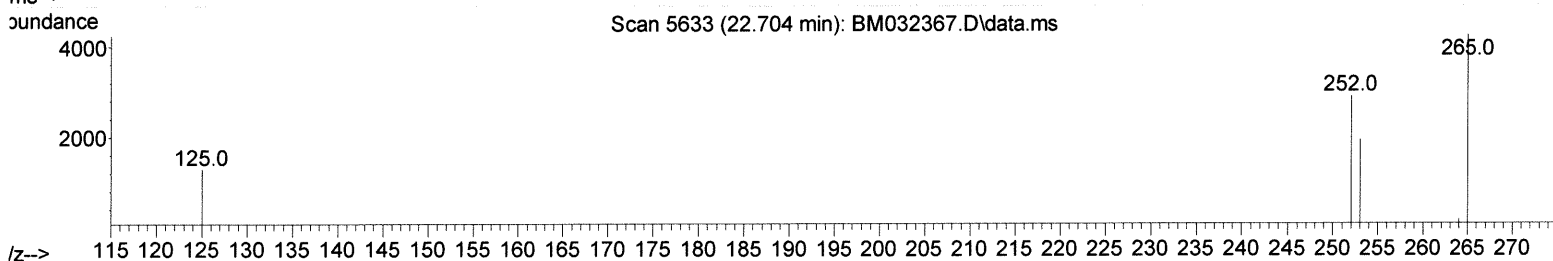
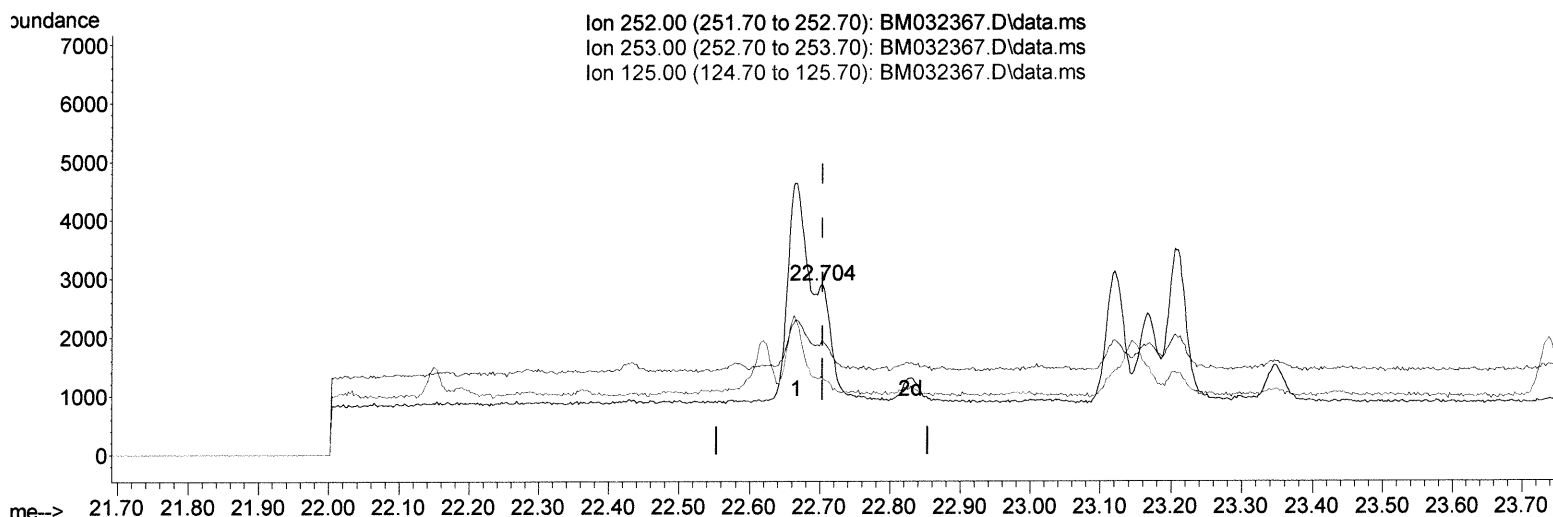
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

mohammad
 10/11/2021 2:08:53 PM

Quant Time: Oct 08 03:35:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration



TIC: BM032367.D\data.ms

(25) Benzo(k)fluoranthene

22.704min (0.000) 0.03 ng/ul m

response 2908

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	66.93#
125.00	16.10	44.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032367.D
 Acq On : 07 Oct 2021 21:33
 Operator : CG/JU
 Sample : M3879-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW411

Manual Integrations
 APPROVED

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 Last Update : Thu Oct 07 15:38:40 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	7675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.411	136	26401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	14329	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	29382	0.400	ng/ul	0.00
17) Chrysene-d12	21.159	240	22534	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	19884	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	15622	1.893	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.008	152	5656	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	13780	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.460	128	1834	0.023	ng/ul#	85
15) Phenanthrene	17.036	178	4175	0.044	ng/ul	96
19) Fluoranthene	19.046	202	9949	0.106	ng/ul	96
20) Pyrene	19.408	202	9198m	0.098	ng/ul	96
21) Benzo(a)anthracene	21.142	228	3538m	0.044	ng/ul	
22) Chrysene	21.195	228	5635	0.060	ng/ul#	93
24) Benzo(b)fluoranthene	22.668	252	7451m	0.072	ng/ul	96
25) Benzo(k)fluoranthene	22.704	252	2908m	0.029	ng/ul	
26) Benzo(a)pyrene	23.205	252	4486	0.058	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.420	276	3424	0.035	ng/ul#	90
29) Benzo(g,h,i)perylene	26.069	276	3071	0.033	ng/ul#	80

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

Handwritten notes:
 21 10/12/21
 26 10/12/21