

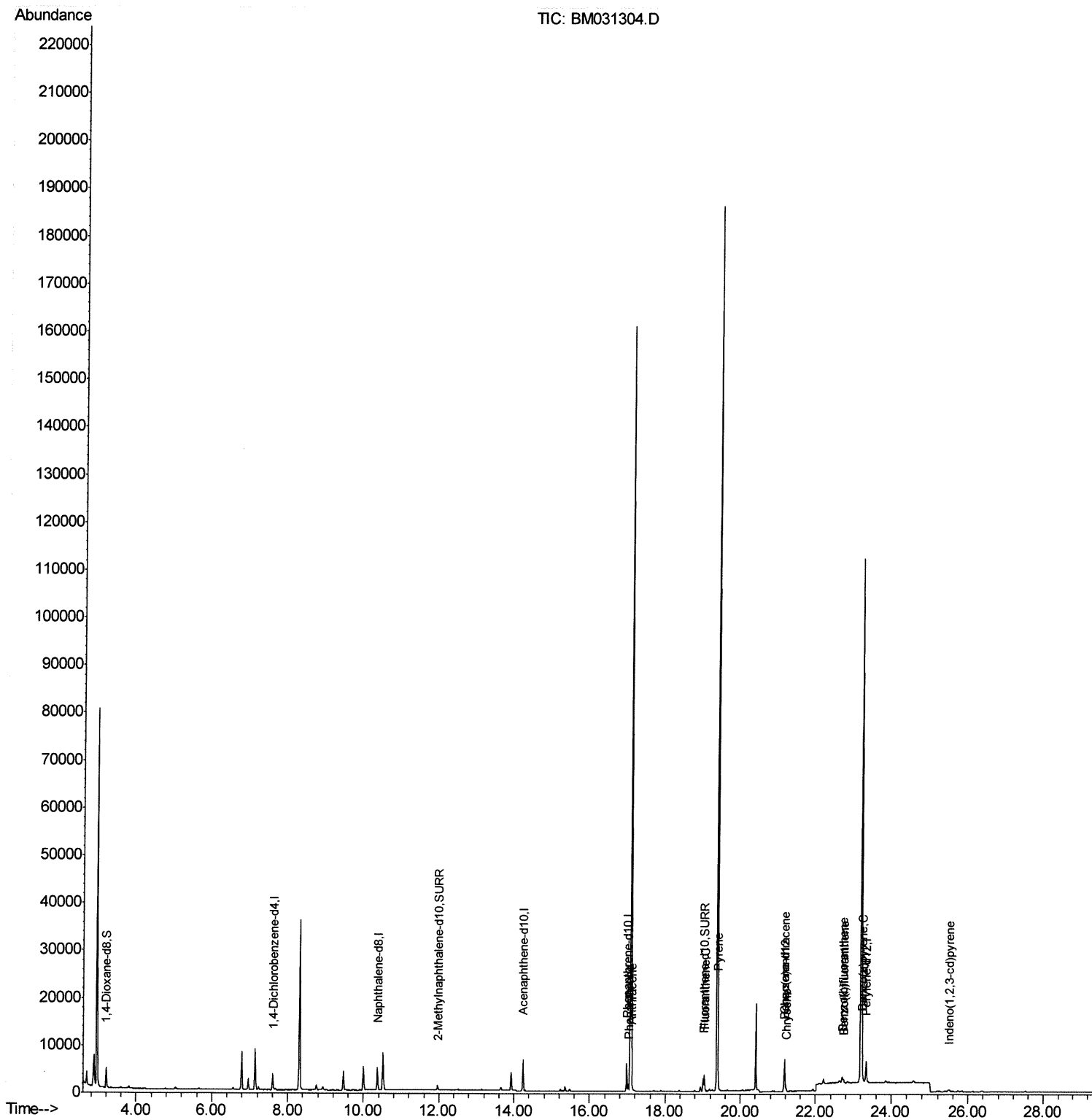
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031304.D
Acq On : 31 Jul 2021 09:35
Operator : CG/JU
Sample : M3106-07
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGCZ8

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:33:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



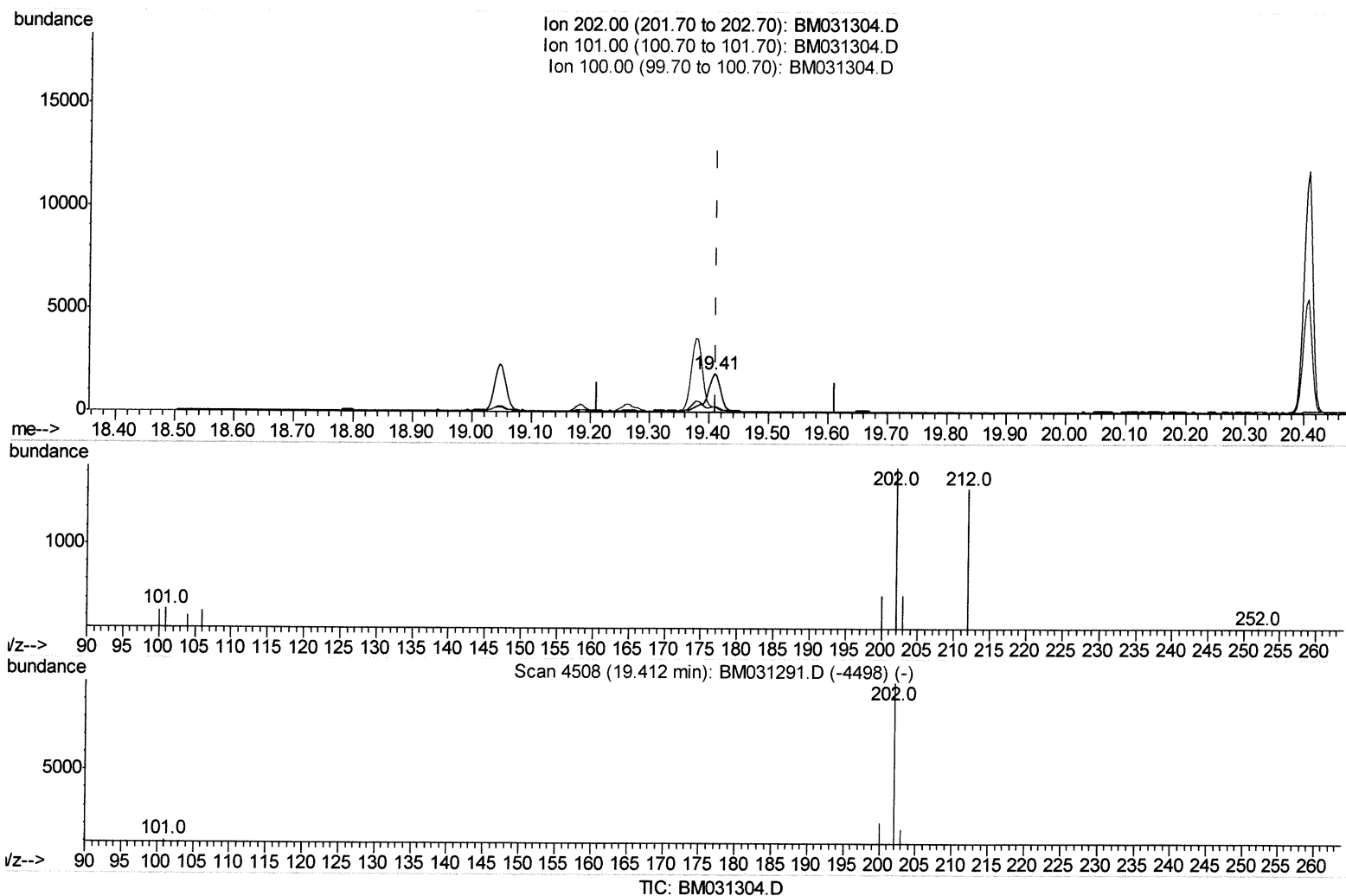
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031304.D
 Acq On : 31 Jul 2021 09:35
 Operator : CG/JU
 Sample : M3106-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGCZ8

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:31:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration



(20) Pyrene

19.409min (-0.004) 0.11ng/ul

response 2761

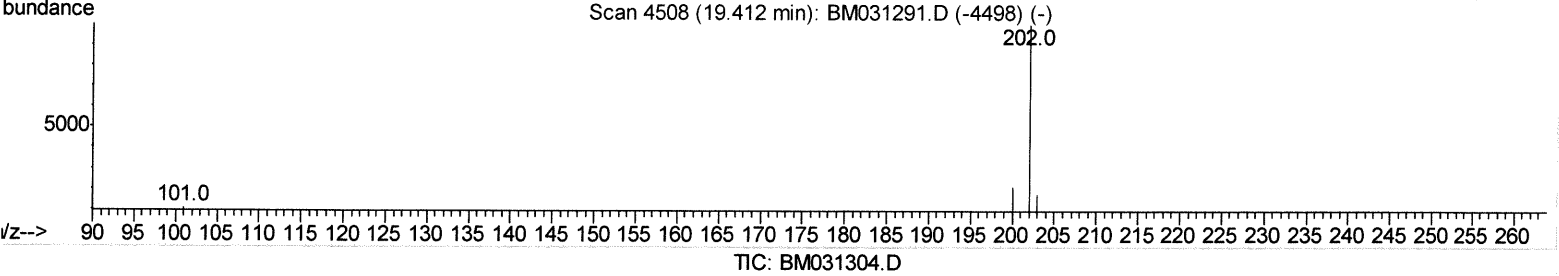
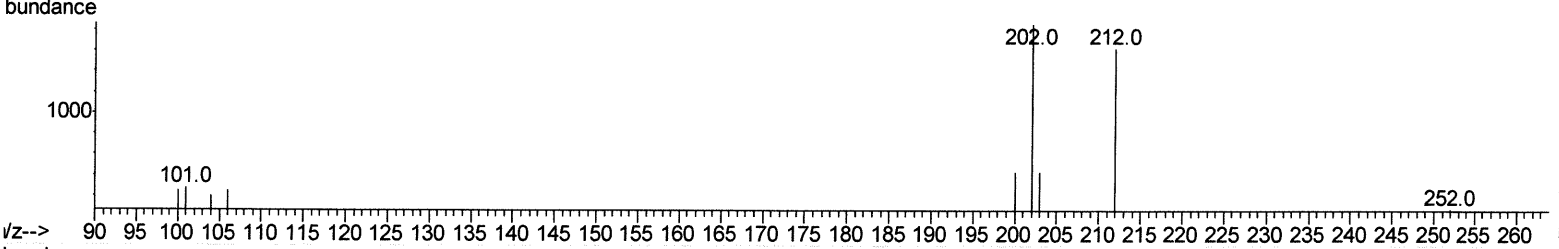
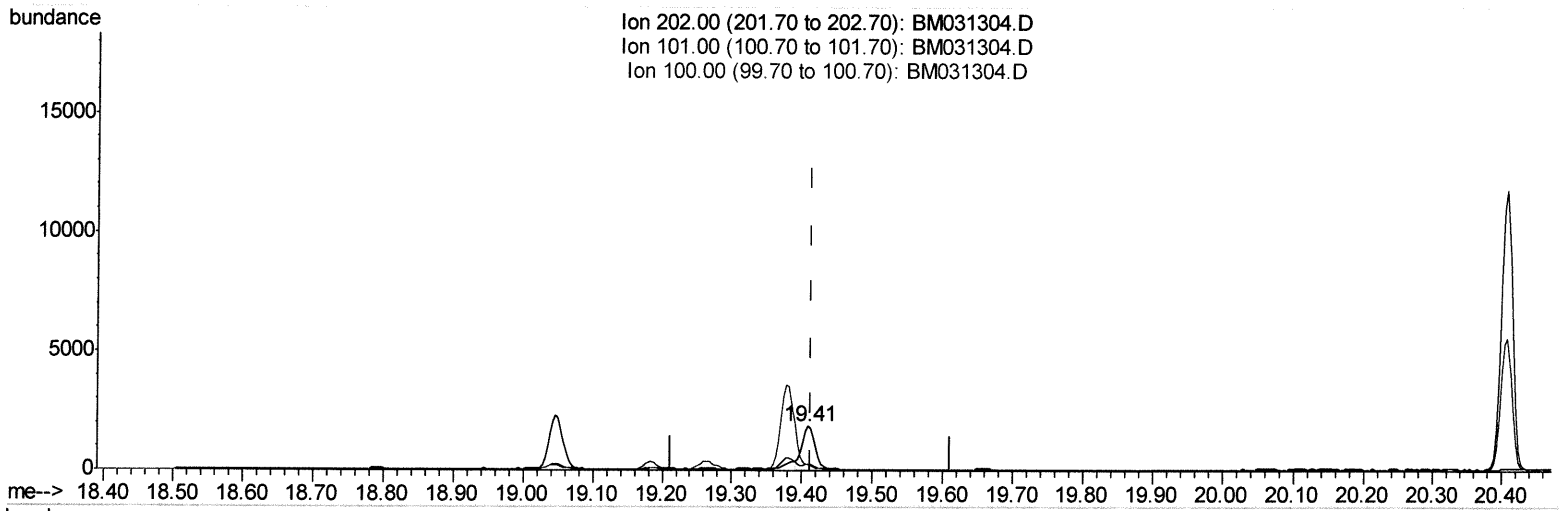
Ion	Exp%	Act%
202.00	100	100
101.00	9.70	14.30#
100.00	8.30	13.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031304.D
Acq On : 31 Jul 2021 09:35
Operator : CG/JU
Sample : M3106-07
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGCZ8

Manual Integrations
APPROVED
mohammad
8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:31:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



(20) Pyrene

19.409min (-0.004) 0.10ng/ul m

JU 8/3/21

response 2437

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	14.30#
100.00	8.30	13.28#
0.00	0.00	0.00

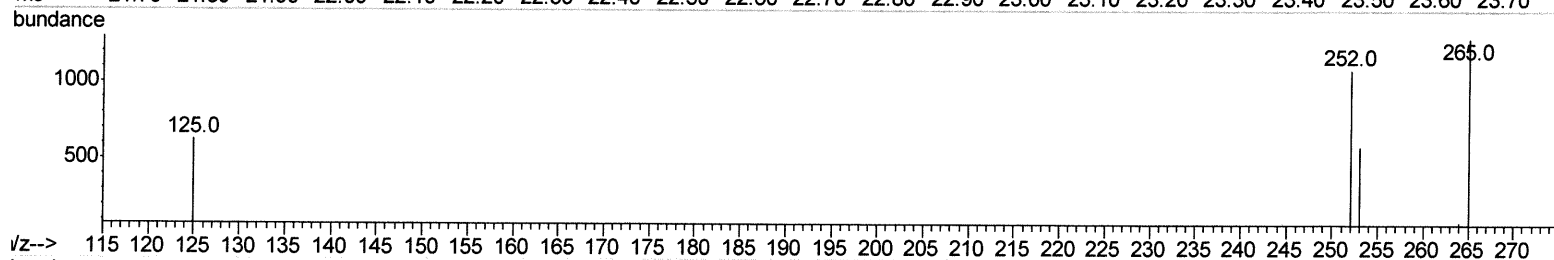
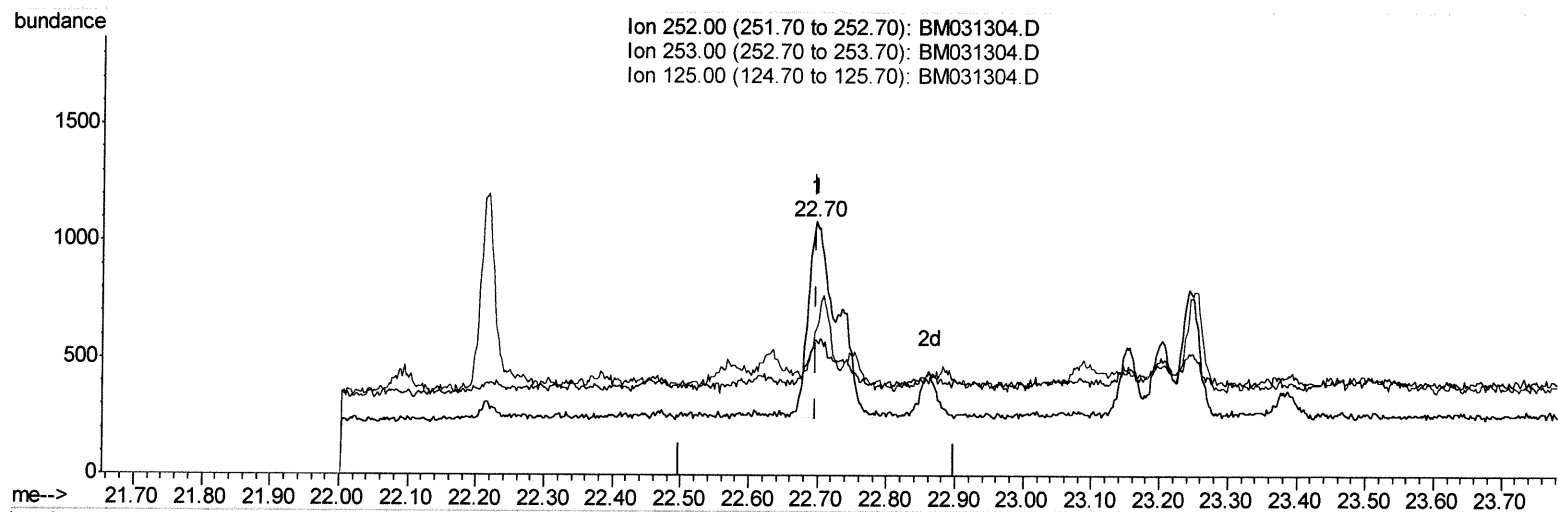
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031304.D
 Acq On : 31 Jul 2021 09:35
 Operator : CG/JU
 Sample : M3106-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGCZ8

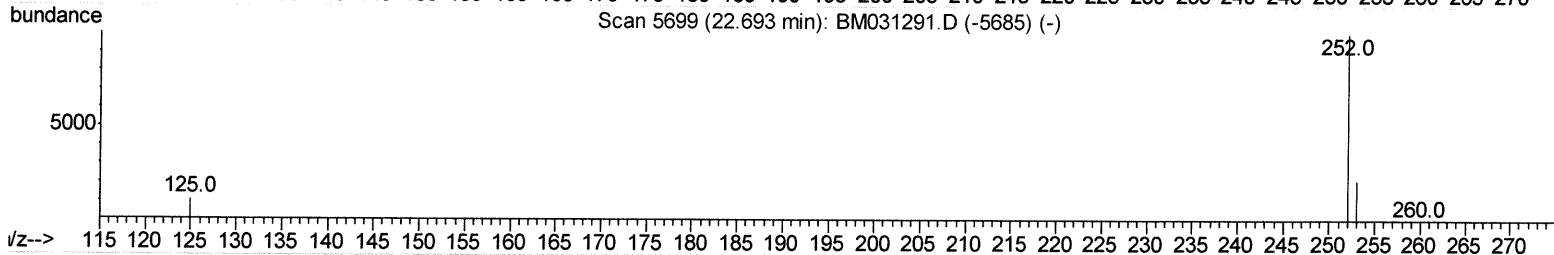
Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:32:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration



Scan 5699 (22.693 min): BM031291.D (-5685) (-)



TIC: BM031304.D

(24) Benzo(b)fluoranthene

22.697min (-0.001) 0.09ng/ul

response 2466

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	53.40#
125.00	11.40	57.35#
0.00	0.00	0.00

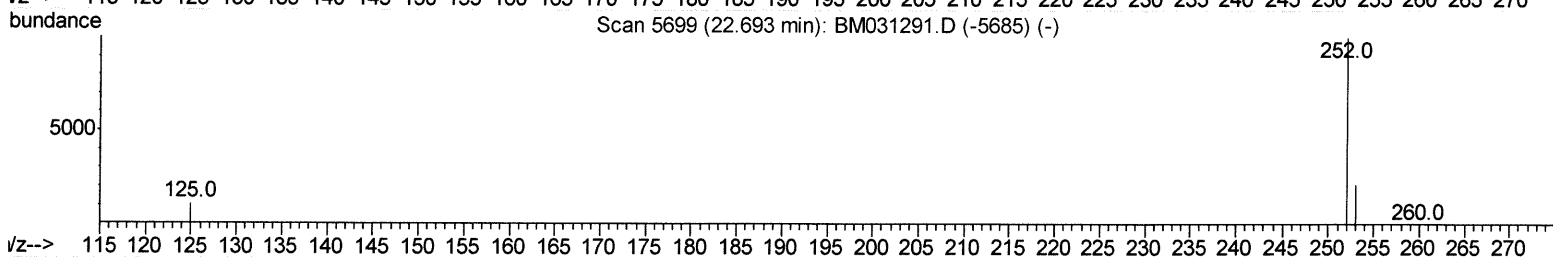
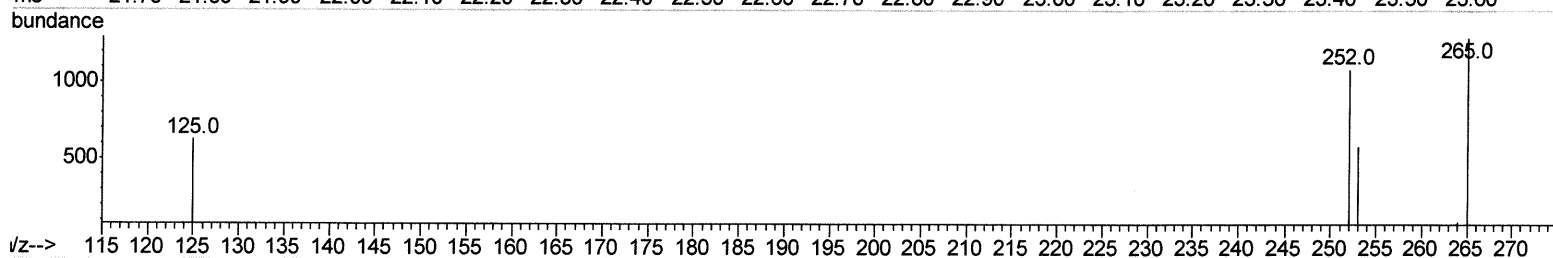
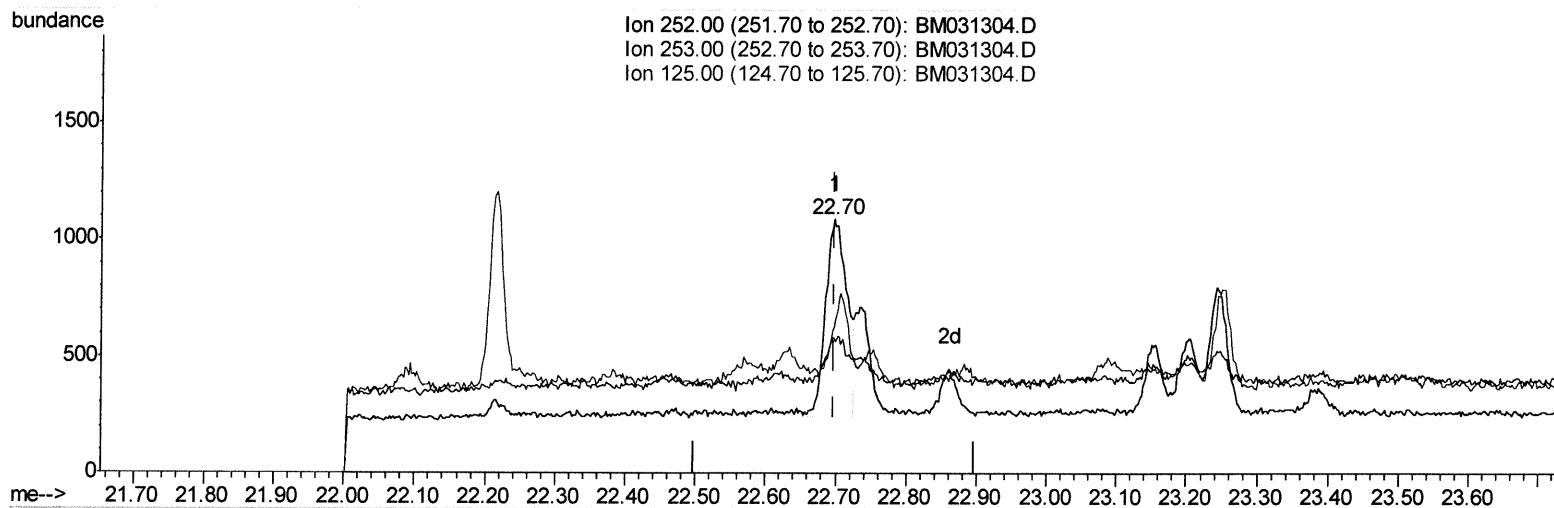
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031304.D
 Acq On : 31 Jul 2021 09:35
 Operator : CG/JU
 Sample : M3106-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGCZ8

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:32:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration



TIC: BM031304.D

(24) Benzo(b)fluoranthene

22.697min (-0.001) 0.07ng/ul m

response 1782

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	53.40#
125.00	11.40	57.35#
0.00	0.00	0.00

Jul 8/2/21

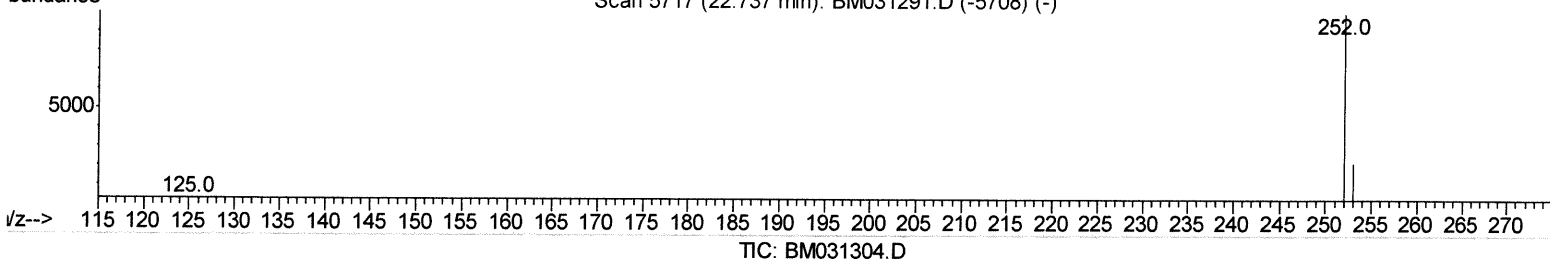
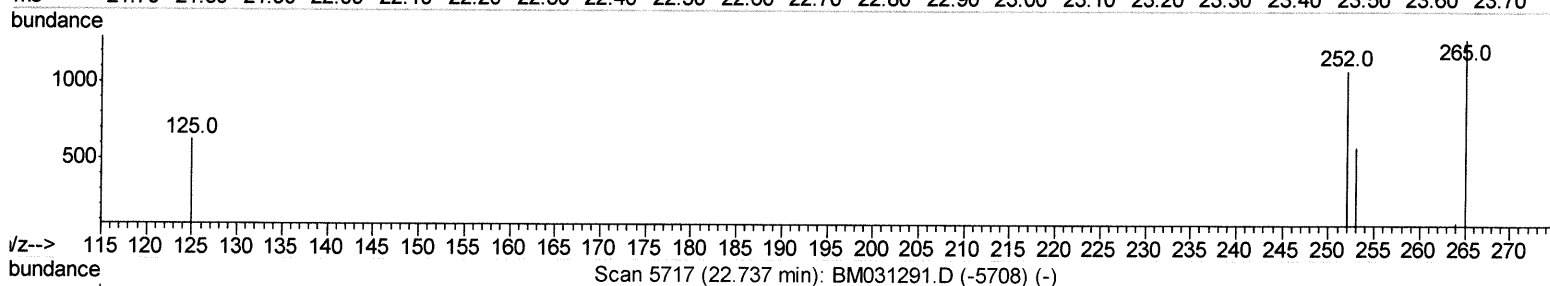
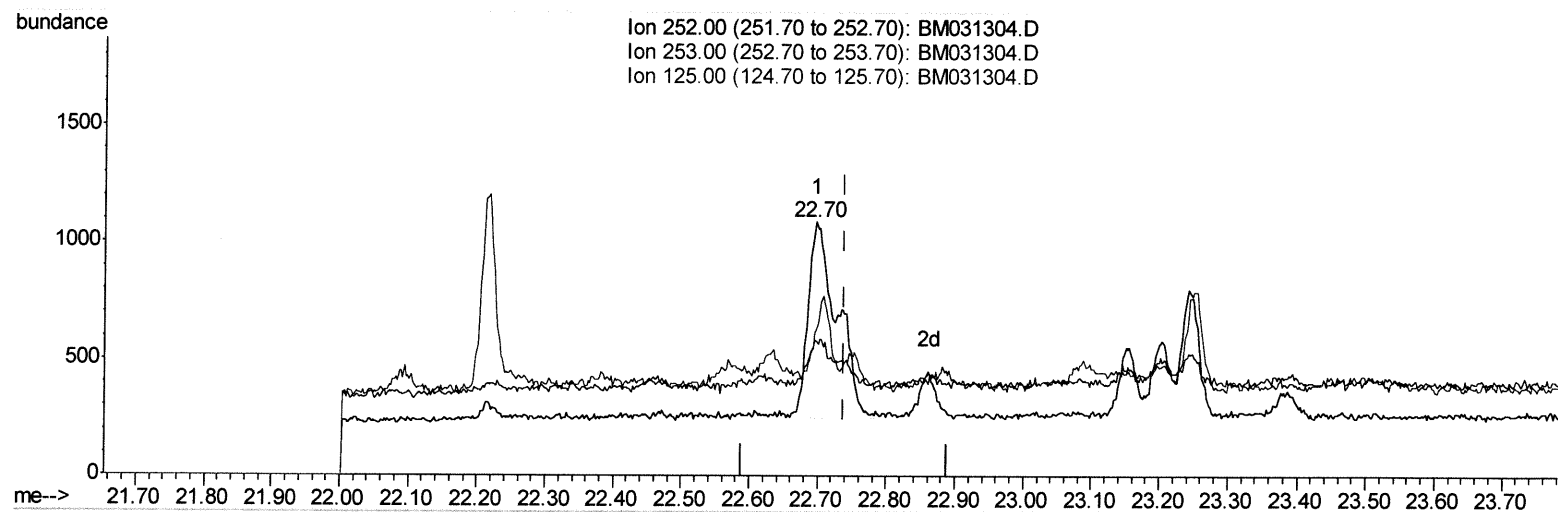
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031304.D
 Acq On : 31 Jul 2021 09:35
 Operator : CG/JU
 Sample : M3106-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGCZ8

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:33:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.697min (-0.042) 0.09ng/ul

response 2466

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	53.40#
125.00	11.00	57.35#
0.00	0.00	0.00

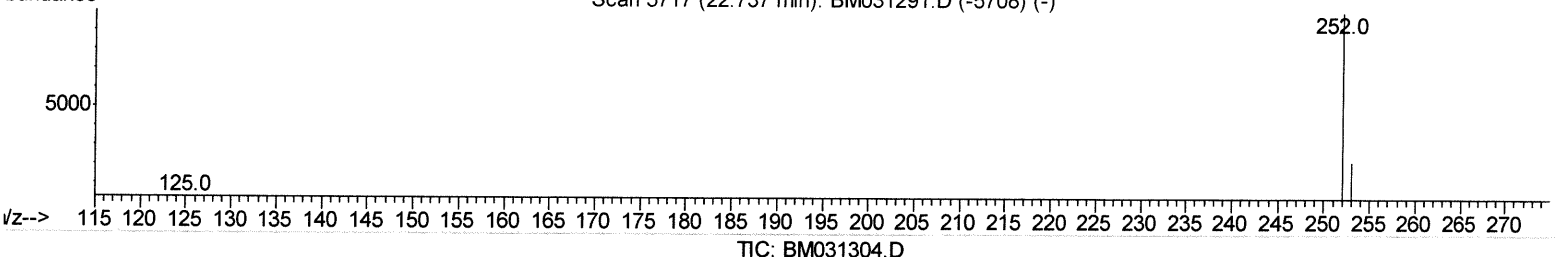
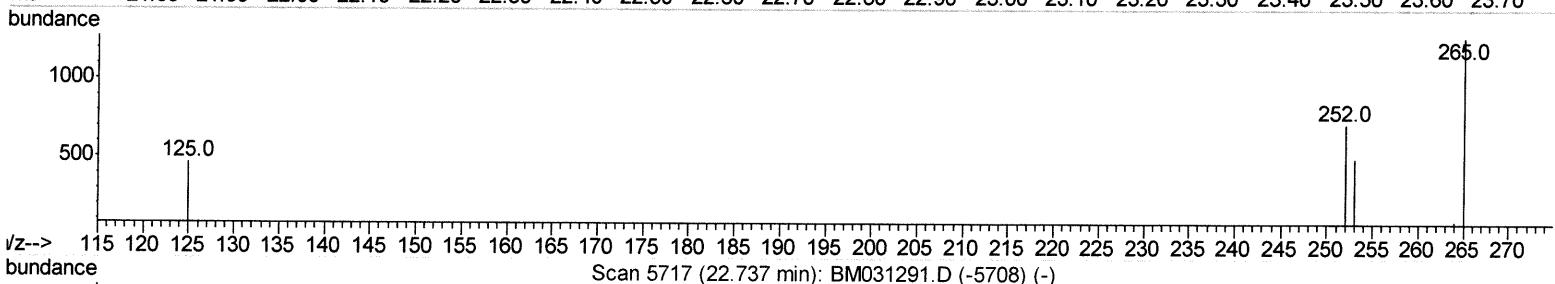
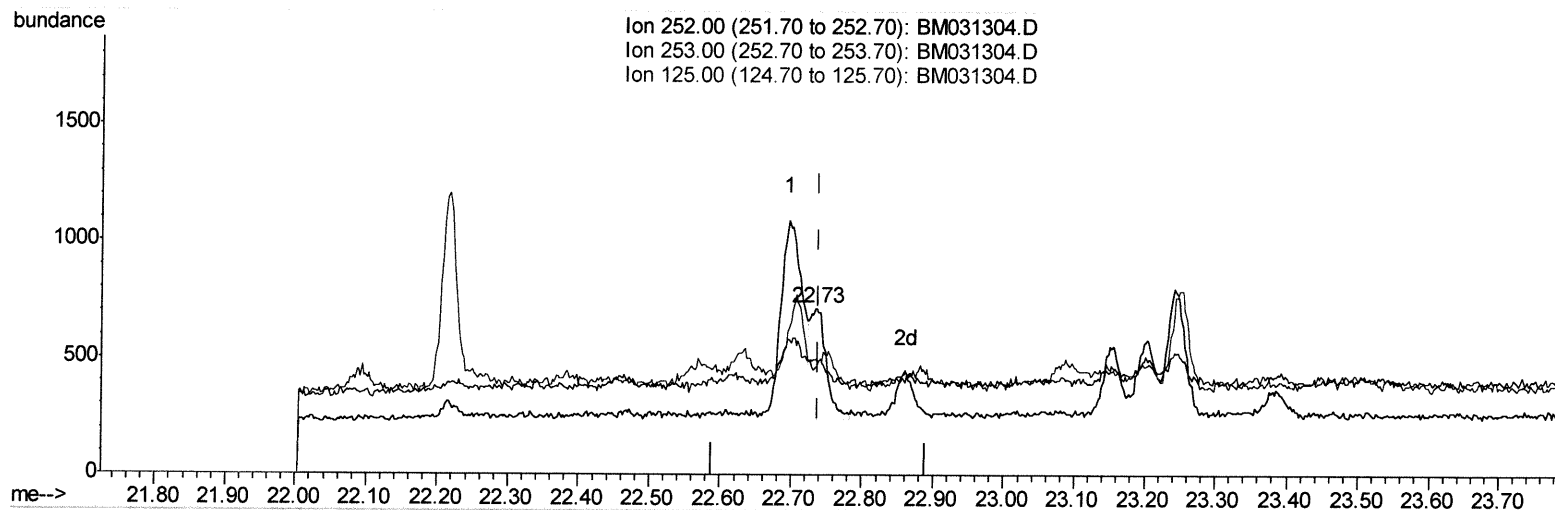
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031304.D
 Acq On : 31 Jul 2021 09:35
 Operator : CG/JU
 Sample : M3106-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGCZ8

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:33:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.734min (-0.006) 0.03ng/ul m

response 756

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	68.81#
125.00	11.00	64.48#
0.00	0.00	0.00

JU 8/2/21

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031304.D
 Acq On : 31 Jul 2021 09:35
 Operator : CG/JU
 Sample : M3106-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGCZ8

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:10 PM

Quant Time: Aug 02 01:33:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1655	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6156	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3625	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	7063	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5681	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5793	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	2732	1.49	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1396	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	2920	0.15	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.03	178	1499	0.067	ng/ul#	93
16) Anthracene	17.12	178	526	0.025	ng/ul#	72
19) Fluoranthene	19.05	202	3106	0.128	ng/ul#	92
20) Pyrene	19.41	202	2437m	0.099	ng/ul#	92
21) Benzo(a)anthracene	21.16	228	1358	0.059	ng/ul#	83
22) Chrysene	21.21	228	1421	0.060	ng/ul#	86
24) Benzo(b)fluoranthene	22.70	252	1782m	0.068	ng/ul#	86
25) Benzo(k)fluoranthene	22.73	252	756m	0.028	ng/ul#	1
26) Benzo(a)pyrene	23.24	252	949	0.042	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.48	276	651	0.022	ng/ul#	92

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

Handwritten notes:
 8/3/21
 8/3/21