

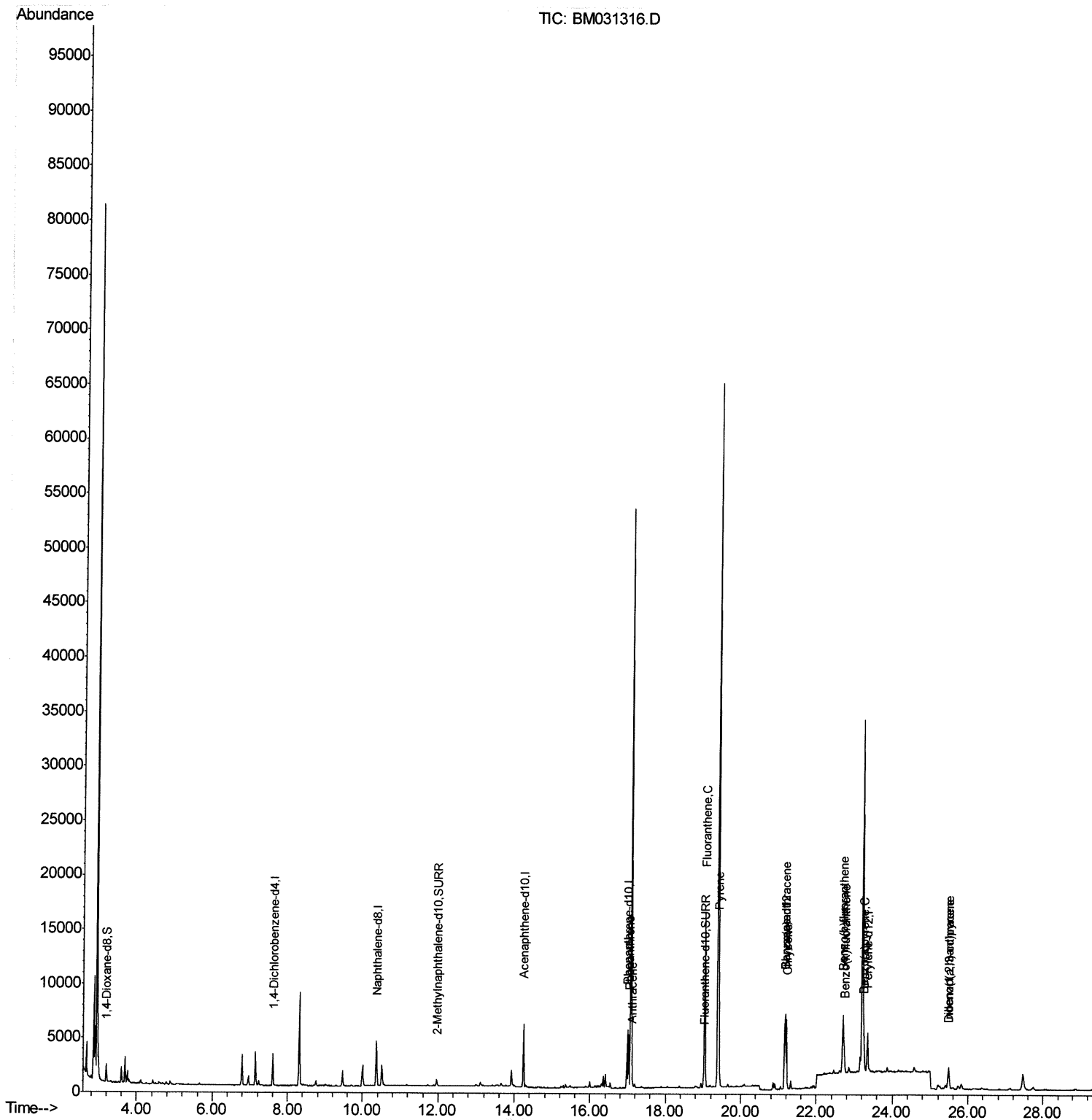
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031316.D
Acq On : 31 Jul 2021 17:34
Operator : CG/JU
Sample : M3106-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD18

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:36 PM

Quant Time: Aug 02 02:13:47 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



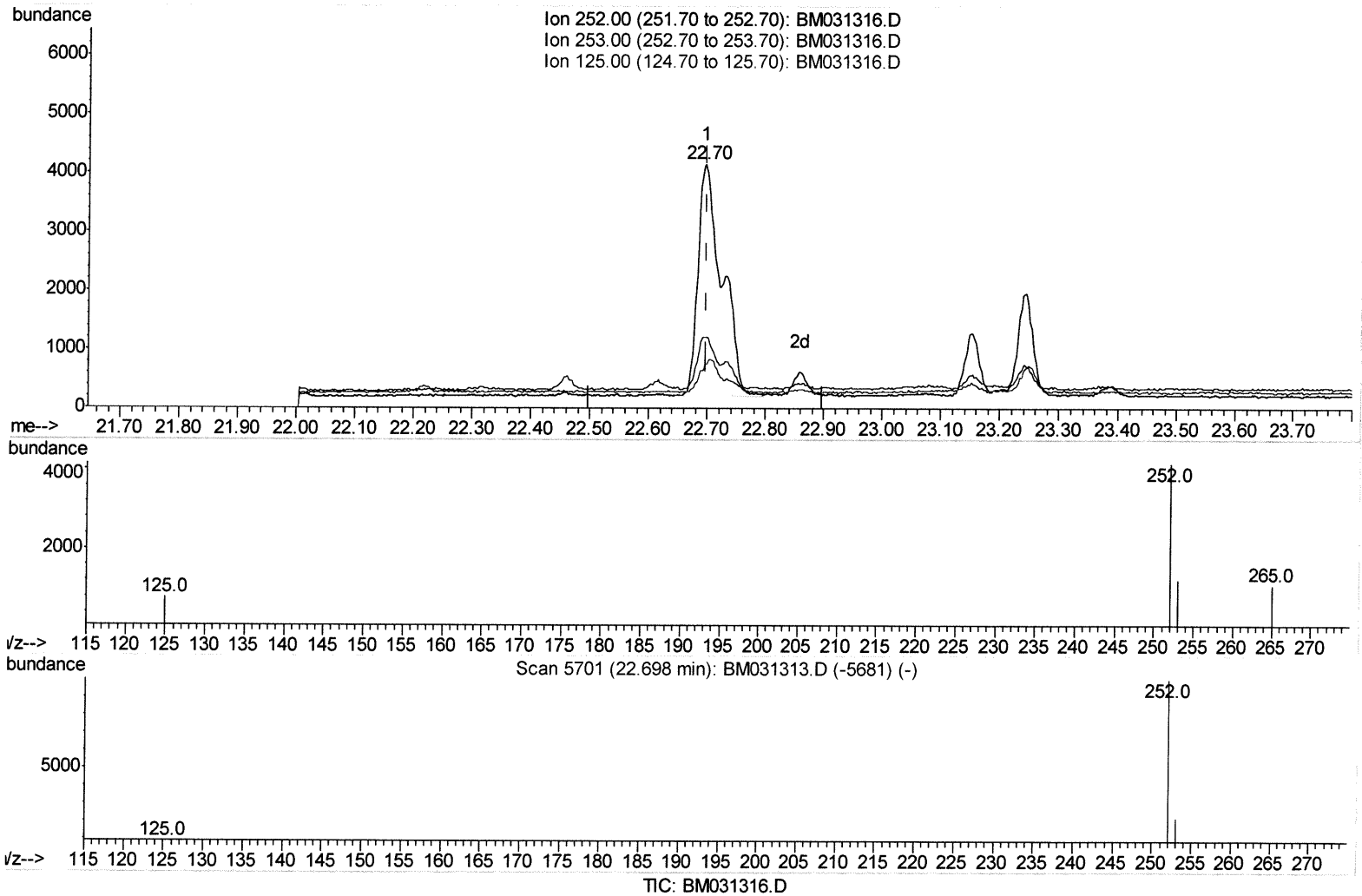
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031316.D
 Acq On : 31 Jul 2021 17:34
 Operator : CG/JU
 Sample : M3106-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD18

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:36 PM

Quant Time: Aug 02 02:12:16 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



(24) Benzo(b)fluoranthene

22.696min (-0.002) 0.56ng/ul

response 11216

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.10
125.00	11.40	18.26
0.00	0.00	0.00

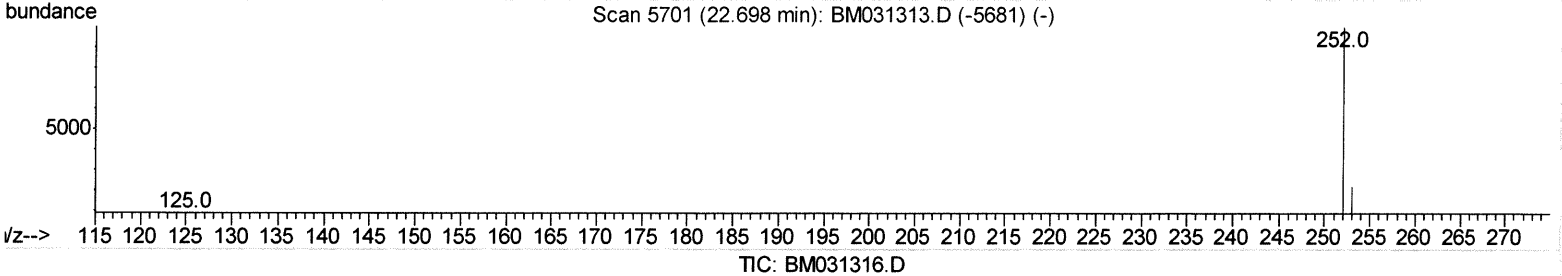
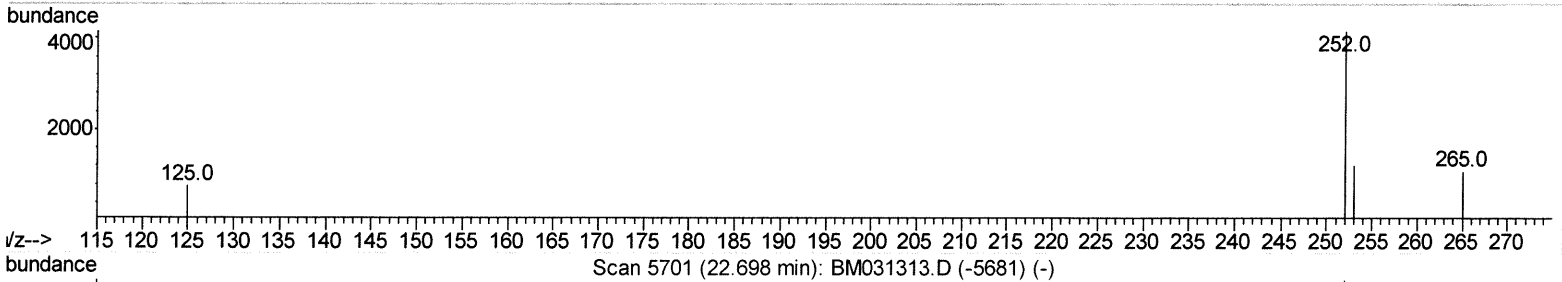
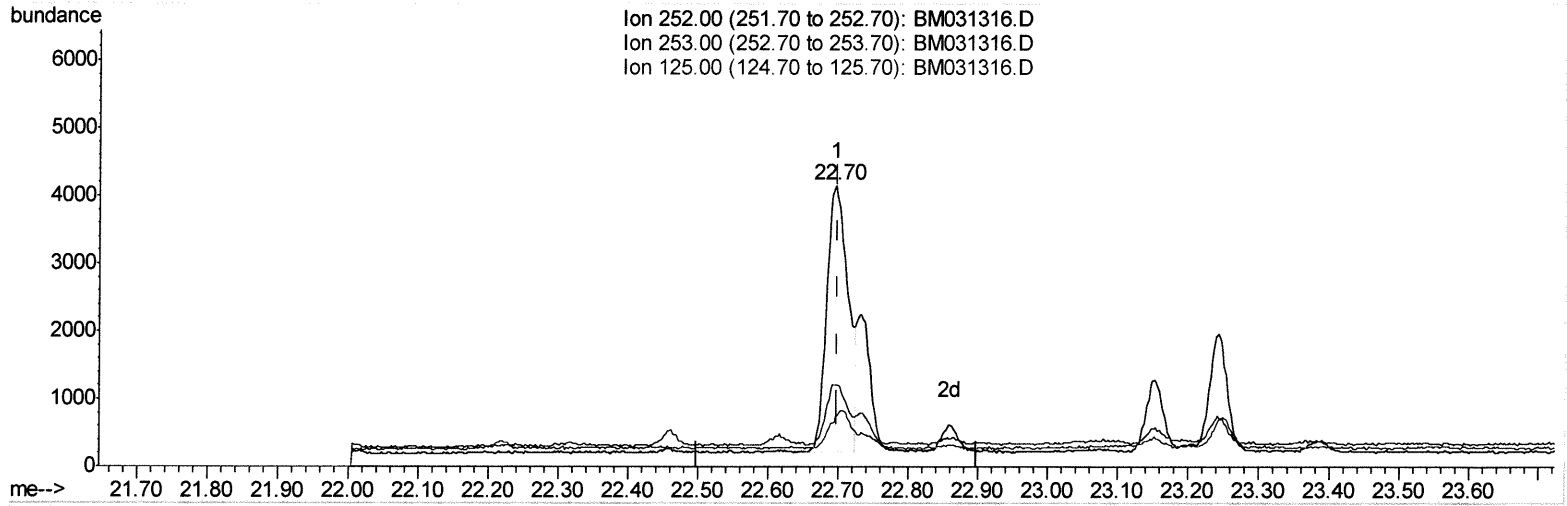
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031316.D
 Acq On : 31 Jul 2021 17:34
 Operator : CG/JU
 Sample : M3106-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD18

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:36 PM

Quant Time: Aug 02 02:12:16 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



(24) Benzo(b)fluoranthene

22.696min (-0.002) 0.41ng/ul m

response 8303

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.10
125.00	11.40	18.26
0.00	0.00	0.00

Handwritten signature: JU 8/3/21

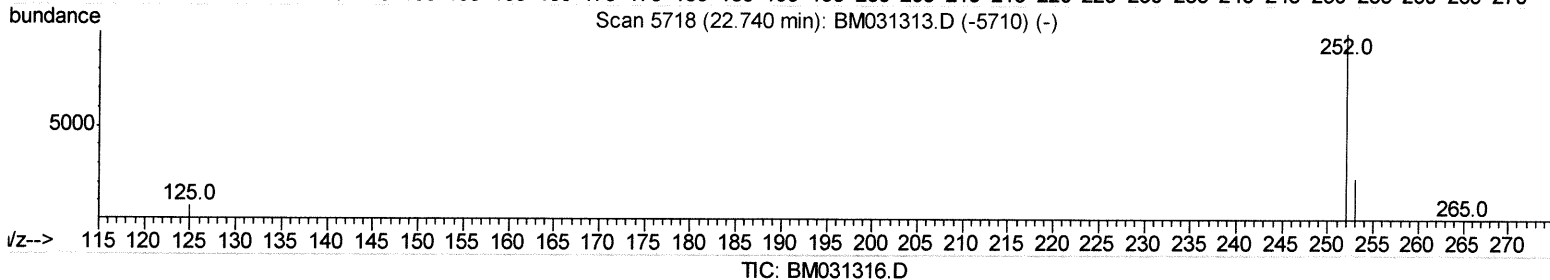
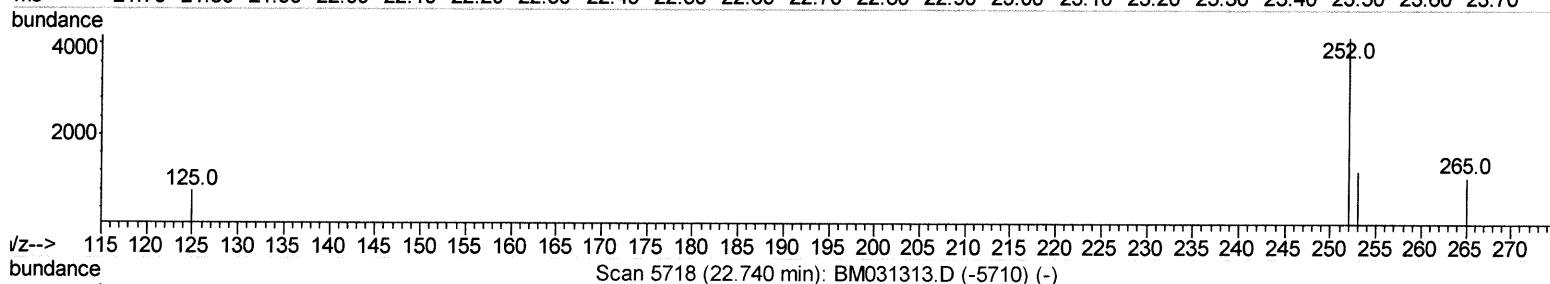
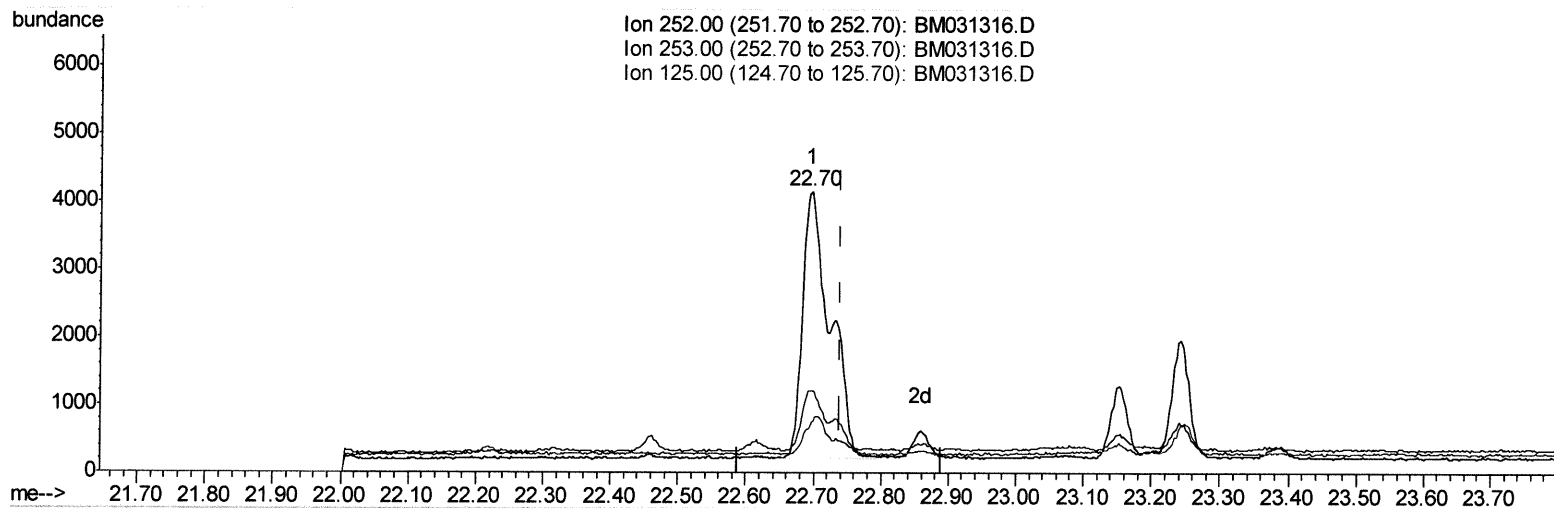
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031316.D
 Acq On : 31 Jul 2021 17:34
 Operator : CG/JU
 Sample : M3106-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD18

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:36 PM

Quant Time: Aug 02 02:13:06 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

22.696min (-0.043) 0.54ng/ul

response 11208

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.10
125.00	11.00	18.26#
0.00	0.00	0.00

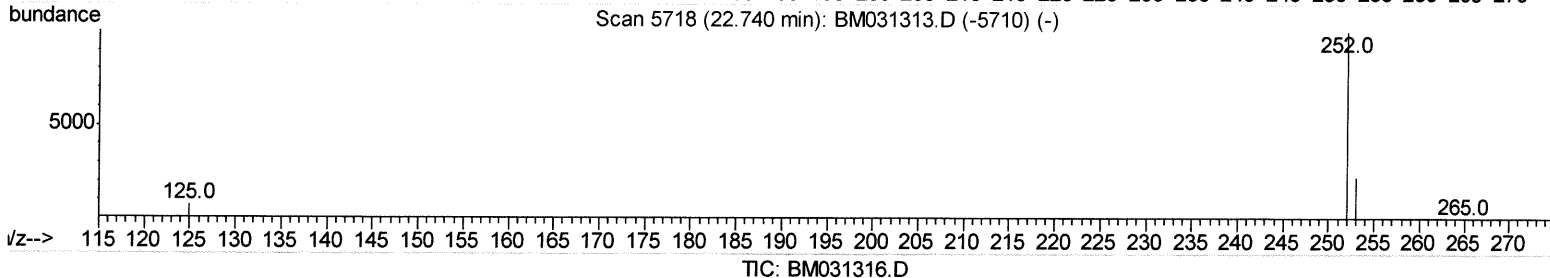
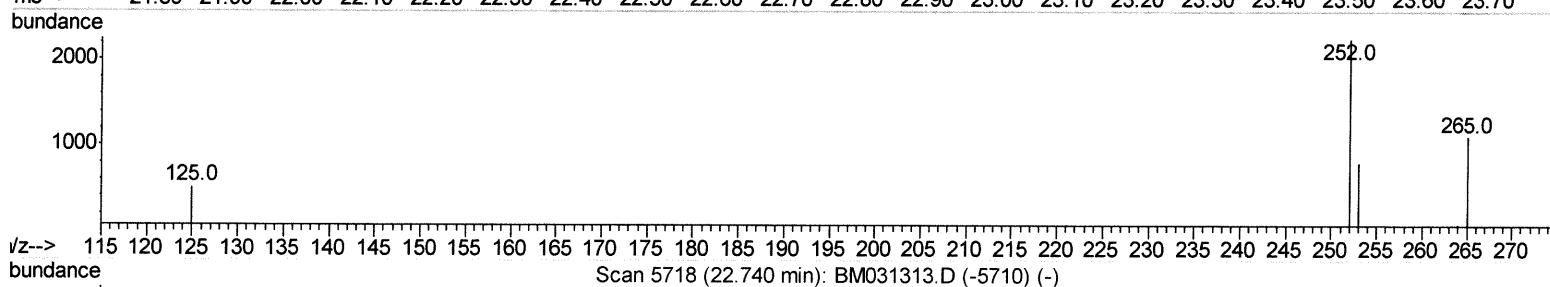
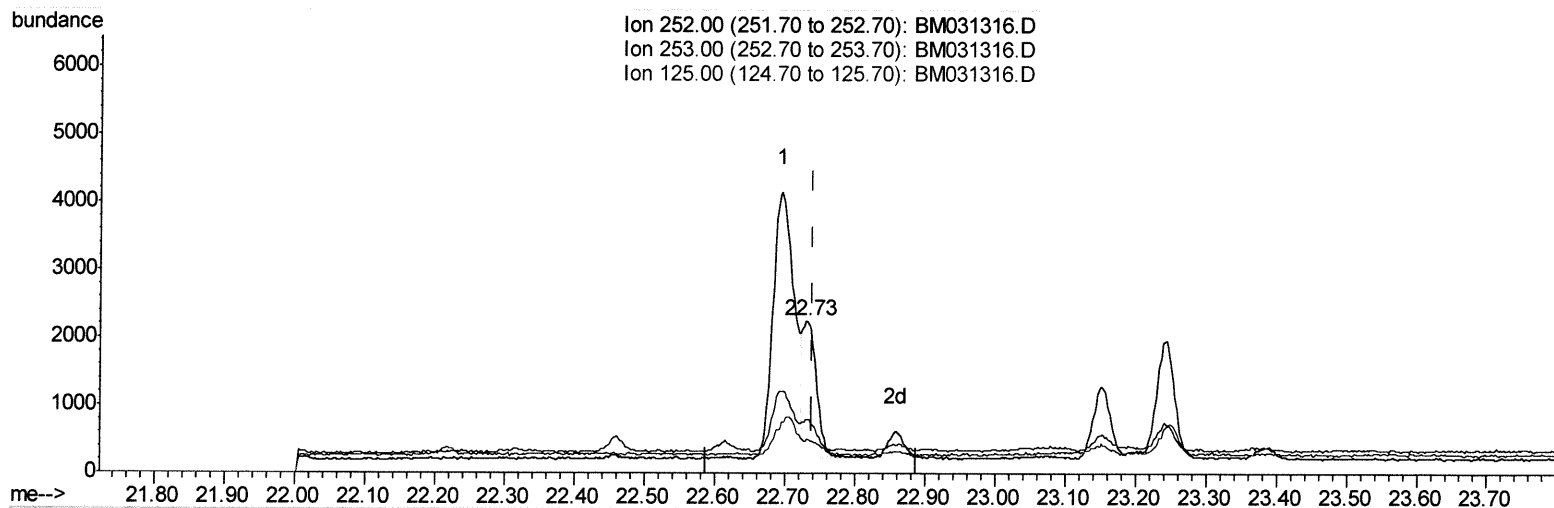
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031316.D
 Acq On : 31 Jul 2021 17:34
 Operator : CG/JU
 Sample : M3106-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD18

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:36 PM

Quant Time: Aug 02 02:13:06 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

22.732min (-0.007) 0.14ng/ul m

response 2909

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	35.26#
125.00	11.00	22.40#
0.00	0.00	0.00

ju 8/3/21

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031316.D
 Acq On : 31 Jul 2021 17:34
 Operator : CG/JU
 Sample : M3106-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD18

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:36 PM

Quant Time: Aug 02 02:13:47 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	1428	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5522	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3248	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6420	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	4692	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	4456	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	996	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	836	0.09	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	1604	0.10	ng/ul	0.00
Target Compounds						
					Ovalue	
15) Phenanthrene	17.03	178	5172	0.254	ng/ul	99
16) Anthracene	17.12	178	628	0.033	ng/ul#	73
19) Fluoranthene	19.05	202	14481	0.723	ng/ul	98
20) Pyrene	19.41	202	10177	0.501	ng/ul	98
21) Benzo(a)anthracene	21.16	228	4565	0.241	ng/ul	95
22) Chrysene	21.21	228	6286	0.321	ng/ul	98
24) Benzo(b)fluoranthene	22.70	252	8303m	0.414	ng/ul	JL 8/2/21
25) Benzo(k)fluoranthene	22.73	252	2909m	0.140	ng/ul	
26) Benzo(a)pyrene	23.24	252	3125	0.178	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.48	276	3062	0.135	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.48	278	907	0.050	ng/ul#	35

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