

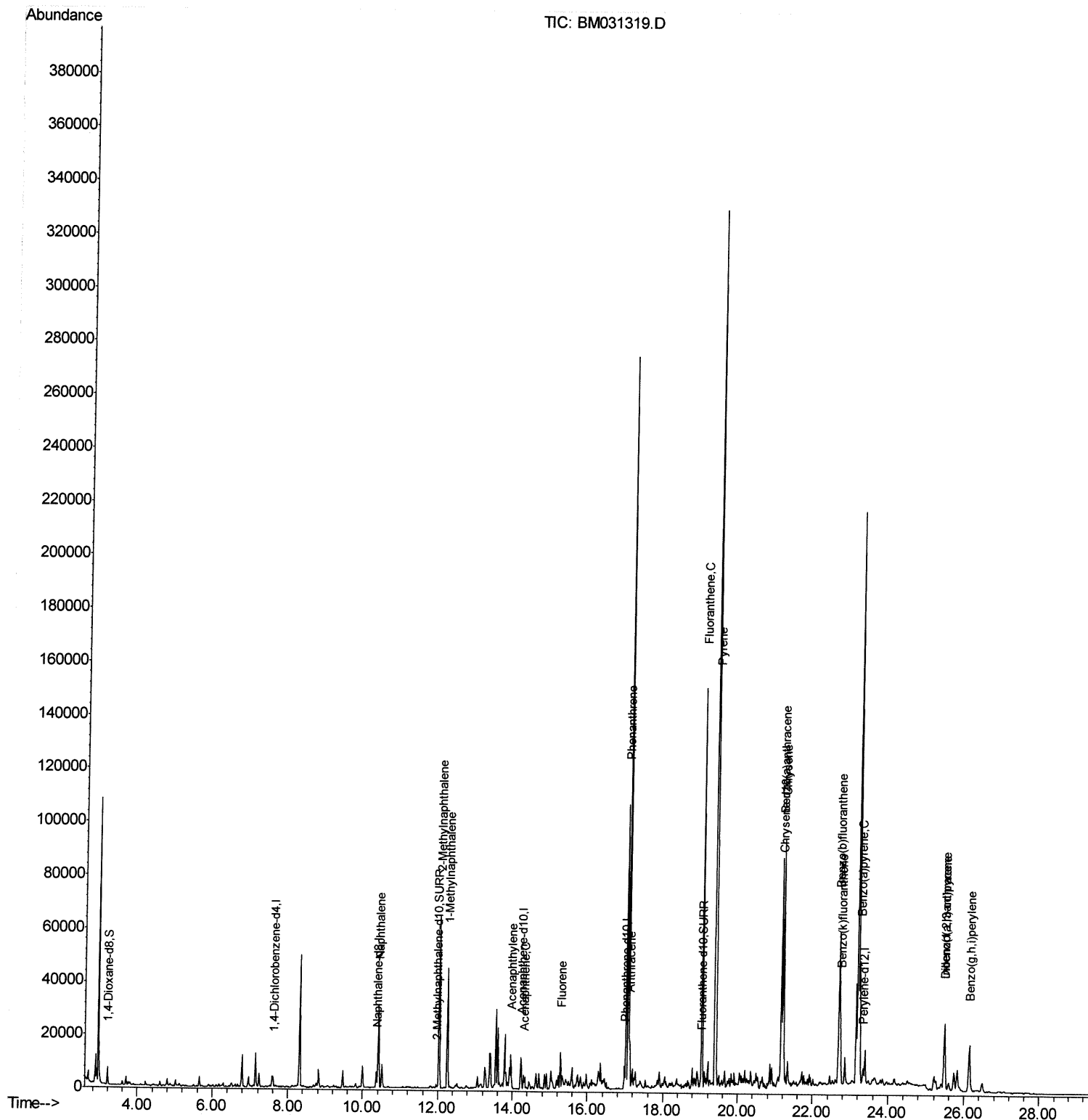
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031319.D
Acq On : 31 Jul 2021 19:24
Operator : CG/JU
Sample : M3091-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0050

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:32:08 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



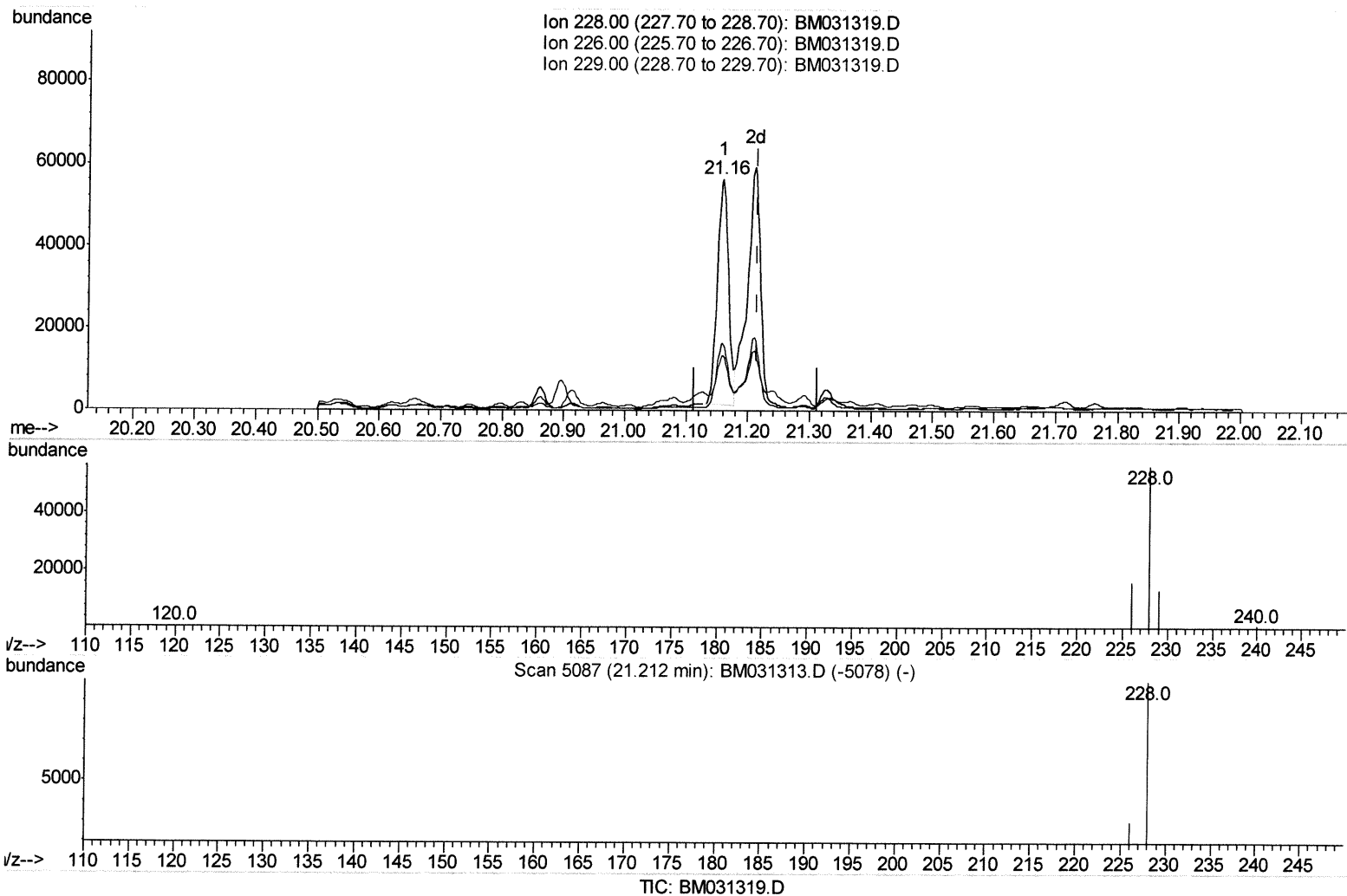
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 01:12:51 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



(22) Chrysene

21.159min (-0.055) 2.15ng/ul

response 68811

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	28.94
229.00	20.20	23.83
0.00	0.00	0.00

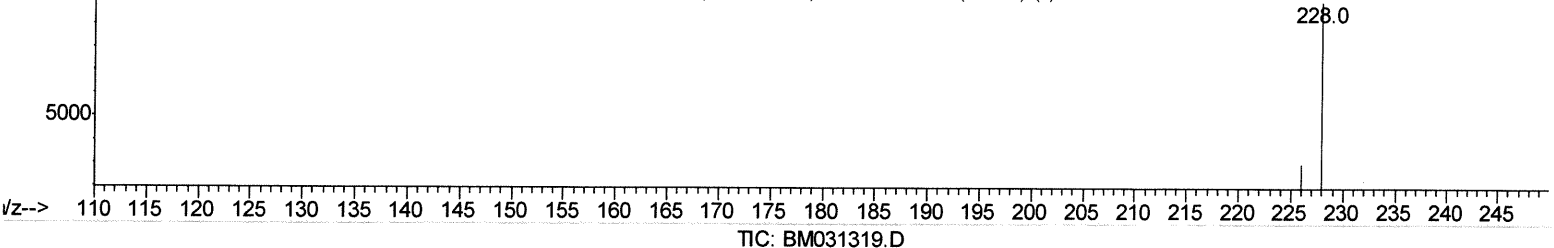
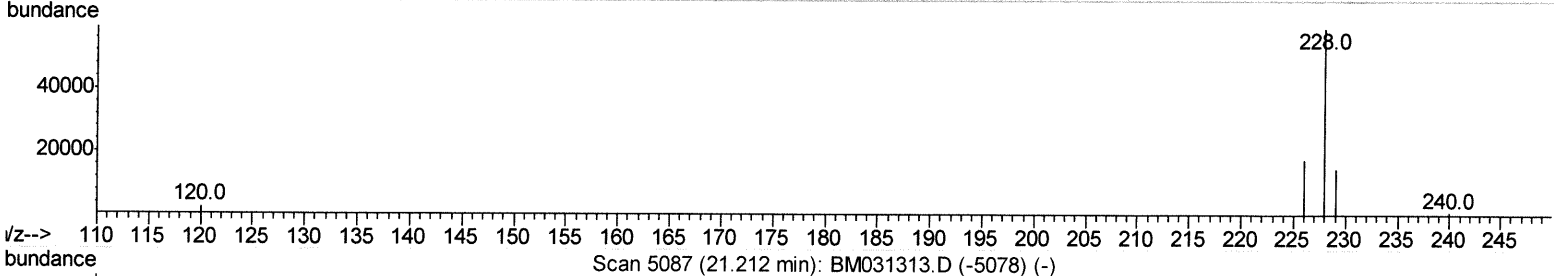
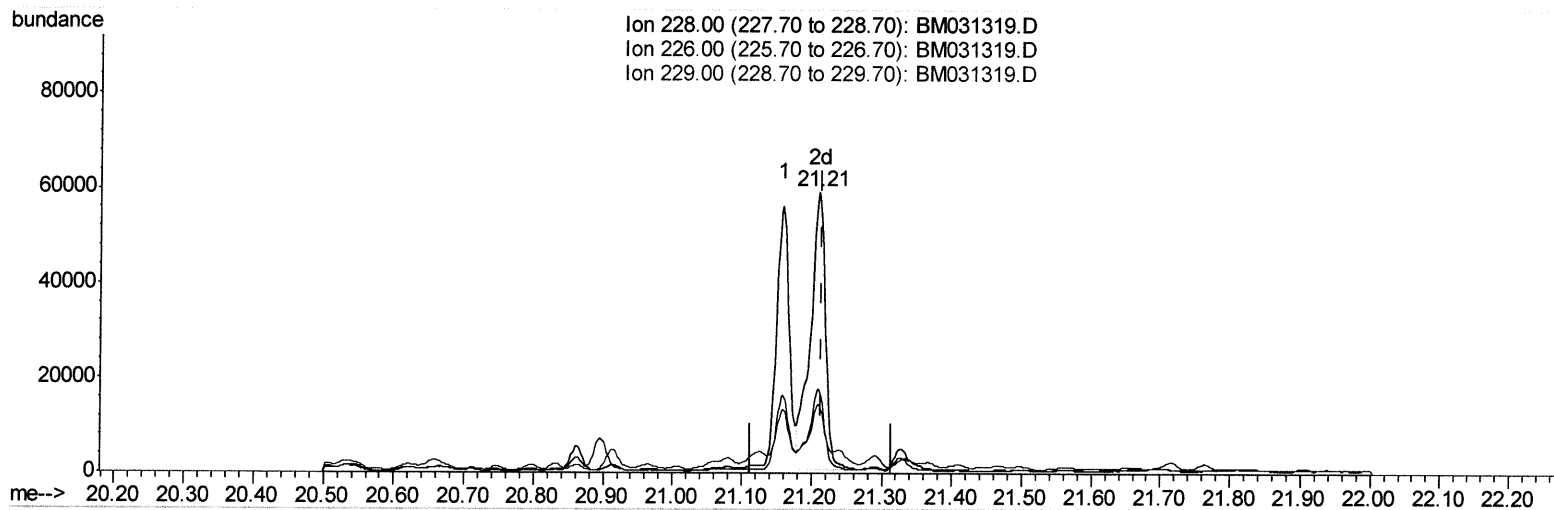
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 01:12:51 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



(22) Chrysene

21.210min (-0.004) 2.76ng/ul m

response 88395

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.11
229.00	20.20	24.78#
0.00	0.00	0.00

Handwritten signature/initials

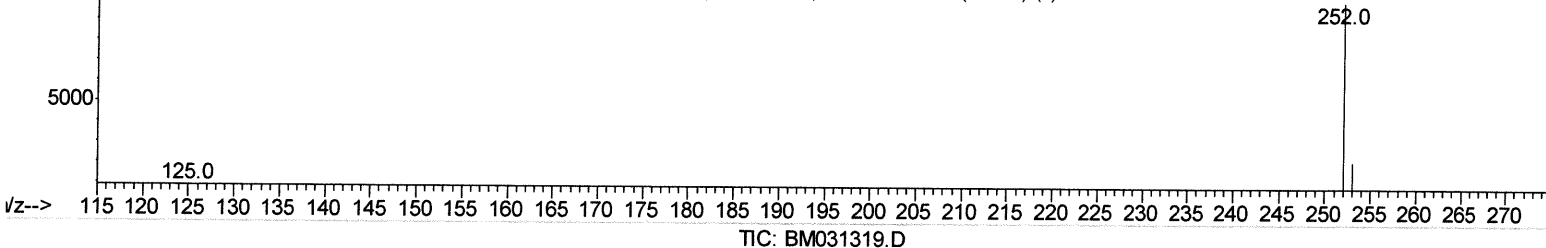
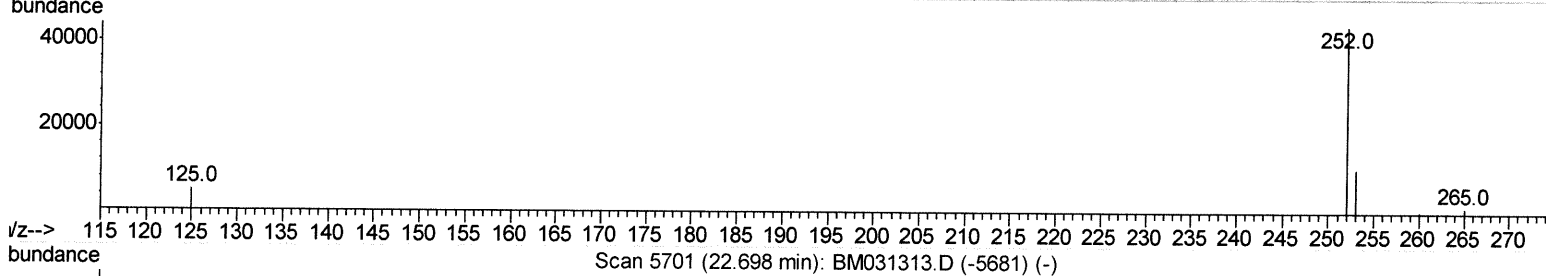
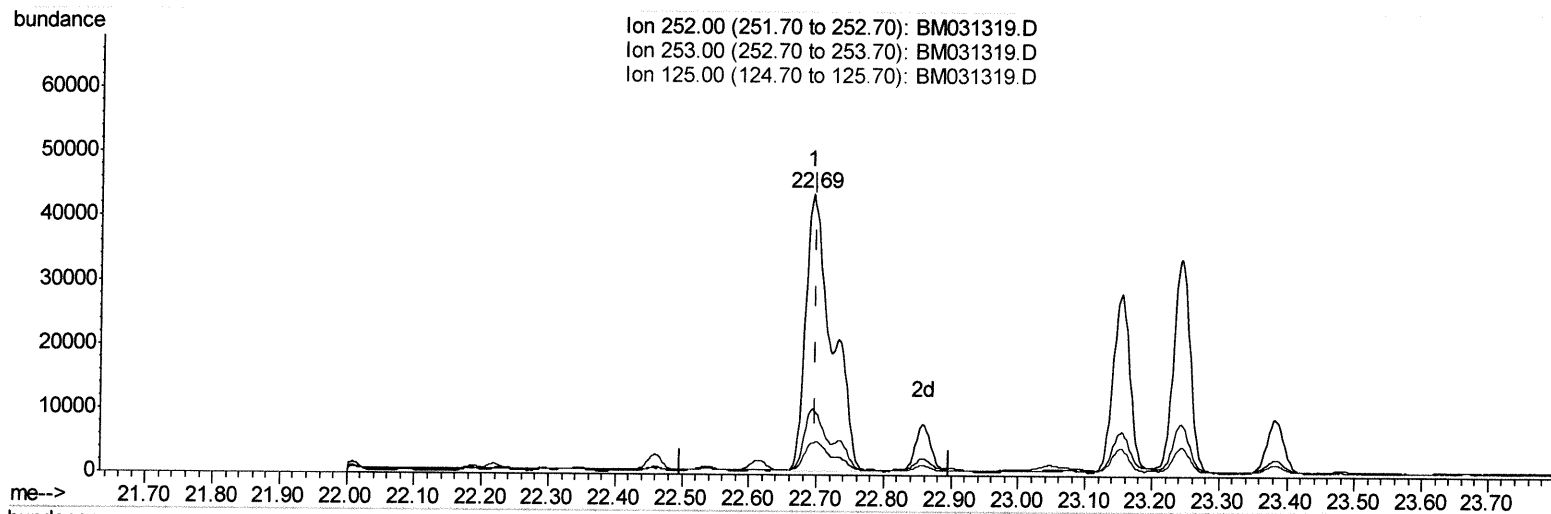
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:26:01 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

22.694min (-0.004) 3.82ng/ul

response 117528

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.71
125.00	11.40	11.50
0.00	0.00	0.00

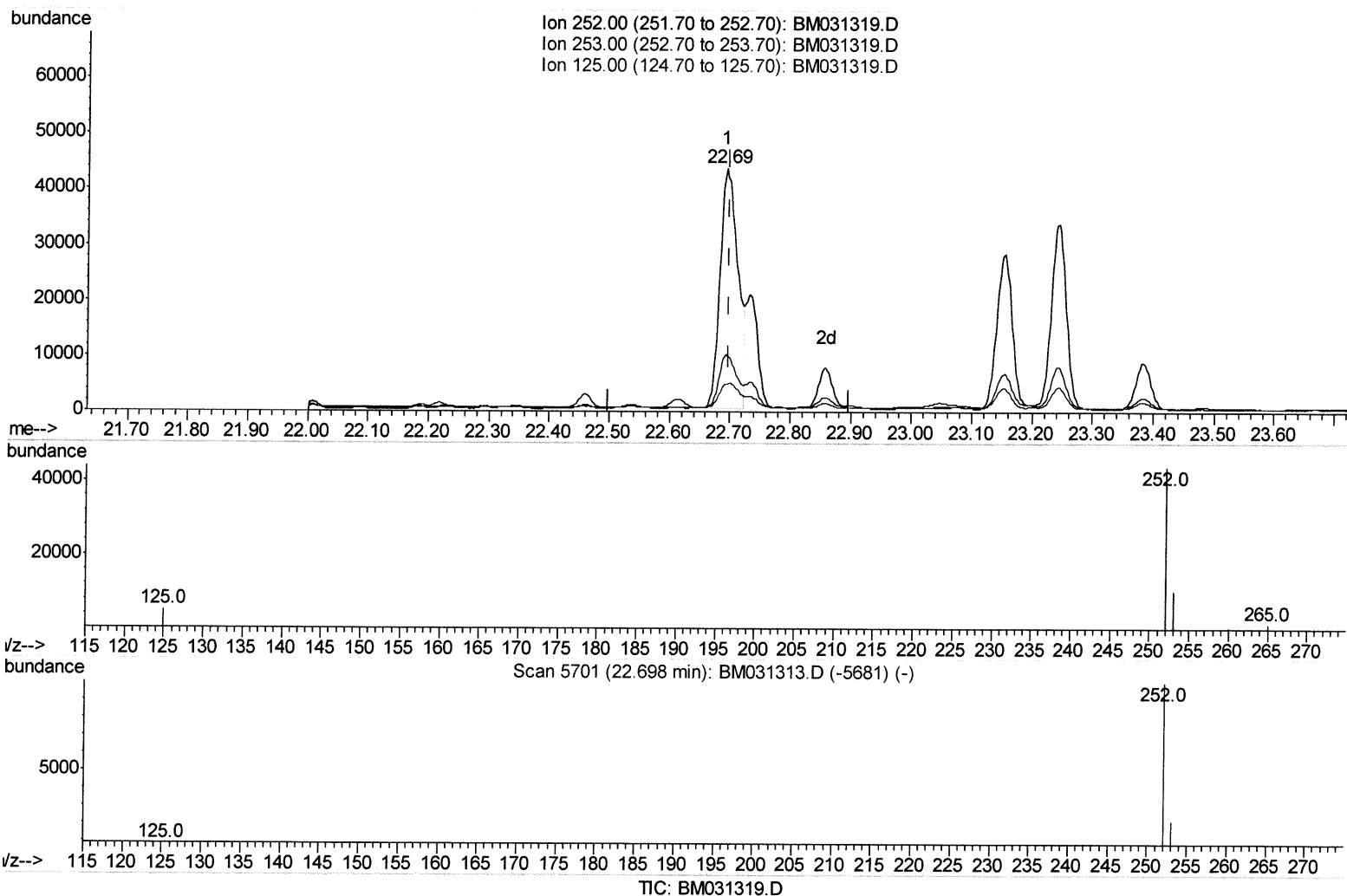
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:26:01 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

22.694min (-0.004) 2.87ng/ul m

response 88437

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.71
125.00	11.40	11.50
0.00	0.00	0.00

ju 8/3/21

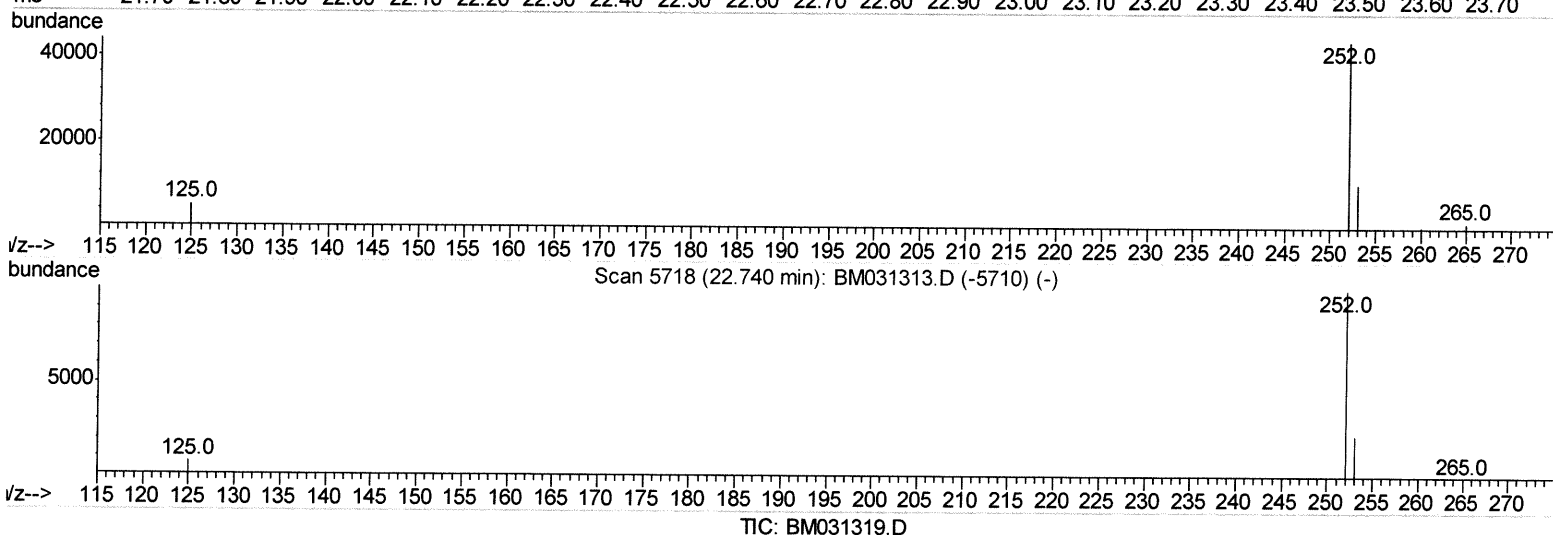
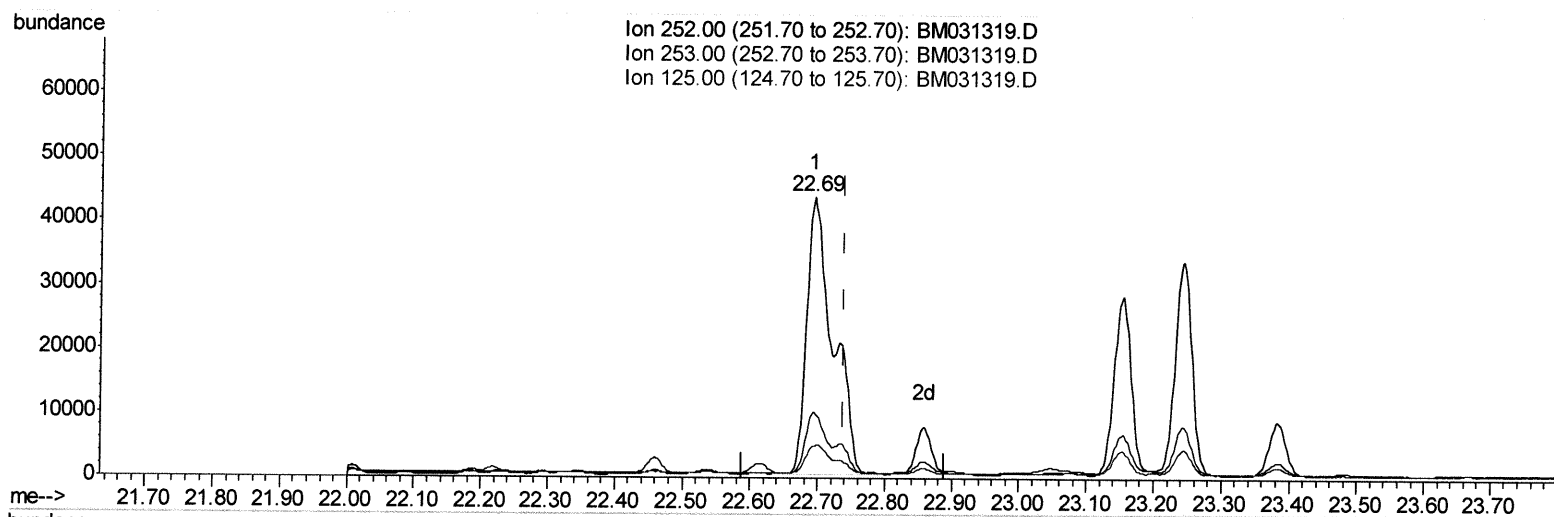
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:27:34 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

22.694min (-0.046) 3.69ng/ul

response 117528

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.71
125.00	11.00	11.50
0.00	0.00	0.00

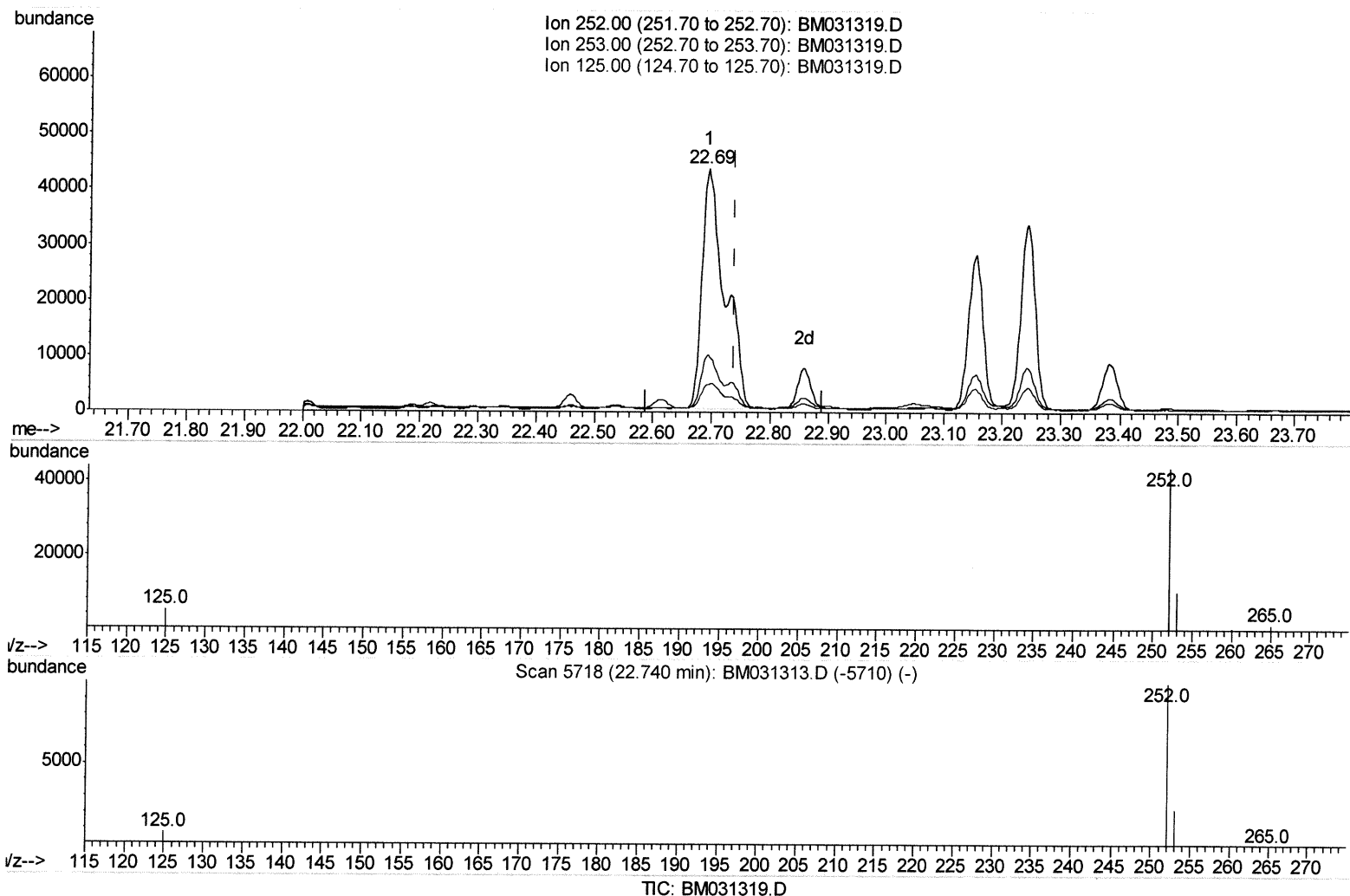
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:27:34 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

22.694min (-0.046) 3.69ng/ul

response 117528

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.71
125.00	11.00	11.50
0.00	0.00	0.00

Aug 01/21

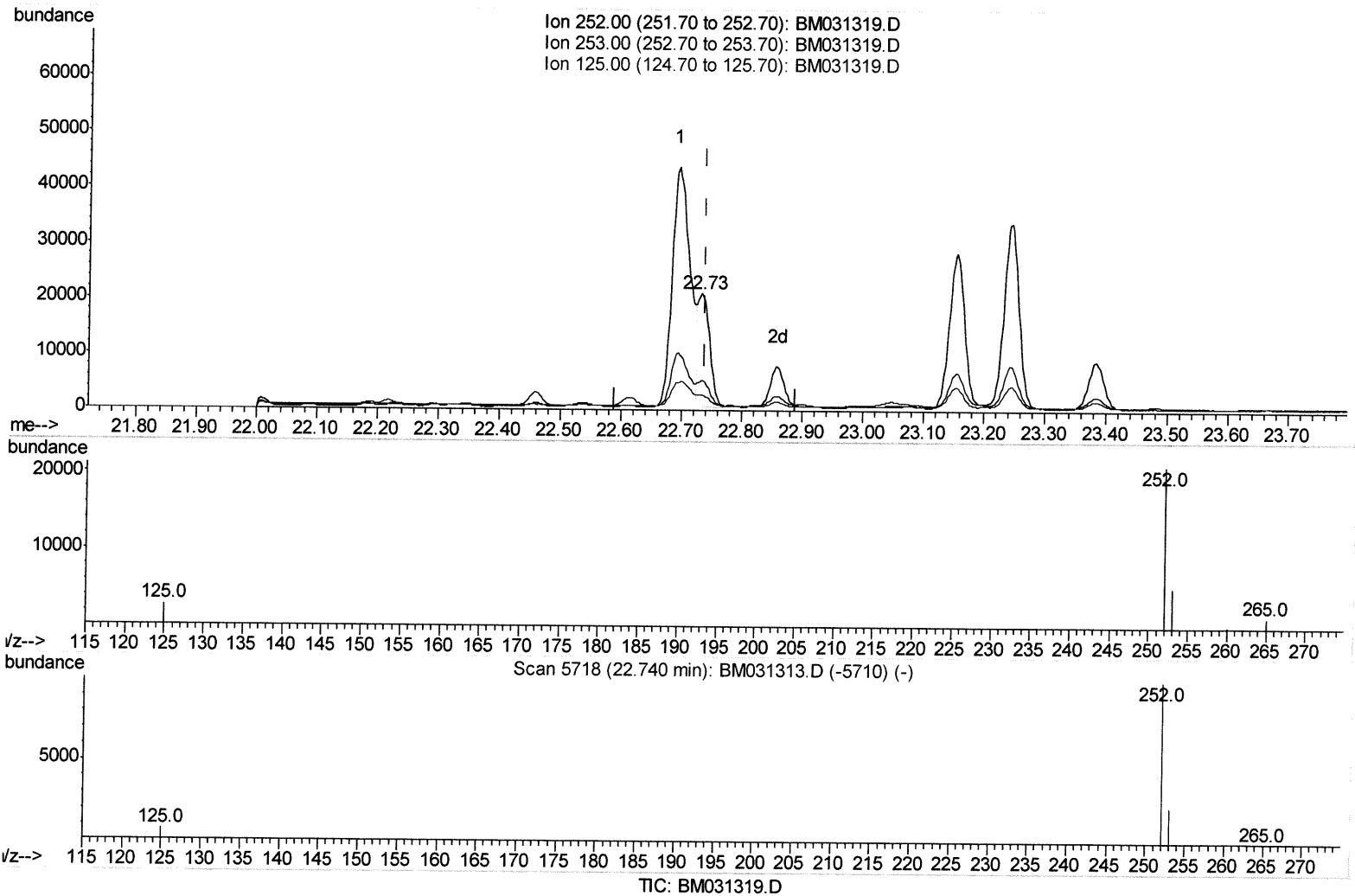
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:27:34 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

22.733min (-0.007) 0.91ng/ul m

response 29058

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.53
125.00	11.00	13.14
0.00	0.00	0.00

ju 8/2/21

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:42 PM

Quant Time: Aug 02 02:32:08 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	7.60	152	1796	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	7121	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4917	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	9609	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	7662	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	6837	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.19	96	3999	2.00	ng/ul	-0.01
6) 2-Methyl-naphthalene-d10	11.96	152	1629	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	3943	0.15	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.41	128	41851	1.973	ng/ul	97
7) 2-Methyl-naphthalene	12.03	142	43385	2.994	ng/ul	99
8) 1-Methyl-naphthalene	12.26	142	30146	2.105	ng/ul	100
10) Acenaphthylene	13.96	152	6114	0.292	ng/ul	94
11) Acenaphthene	14.30	153	3993	0.227	ng/ul	99
12) Fluorene	15.29	166	4937	0.243	ng/ul#	79
15) Phenanthrene	17.02	178	112065	3.673	ng/ul	98
16) Anthracene	17.12	178	18447	0.646	ng/ul	98
19) Fluoranthene	19.05	202	126392	3.863	ng/ul	97
20) Pyrene	19.41	202	116261	3.503	ng/ul	97
21) Benzo(a)anthracene	21.16	228	68795	2.224	ng/ul#	94
22) Chrysene	21.21	228	88395m	2.761	ng/ul	} 7.08/3/21
24) Benzo(b)fluoranthene	22.69	252	88437m	2.871	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	29058m	0.913	ng/ul	
26) Benzo(a)pyrene	23.24	252	57860	2.145	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.48	276	36697	1.052	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.49	278	13330	0.474	ng/ul#	81
29) Benzo(a,h,i)perylene	26.13	276	33955	1.141	ng/ul	97

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