

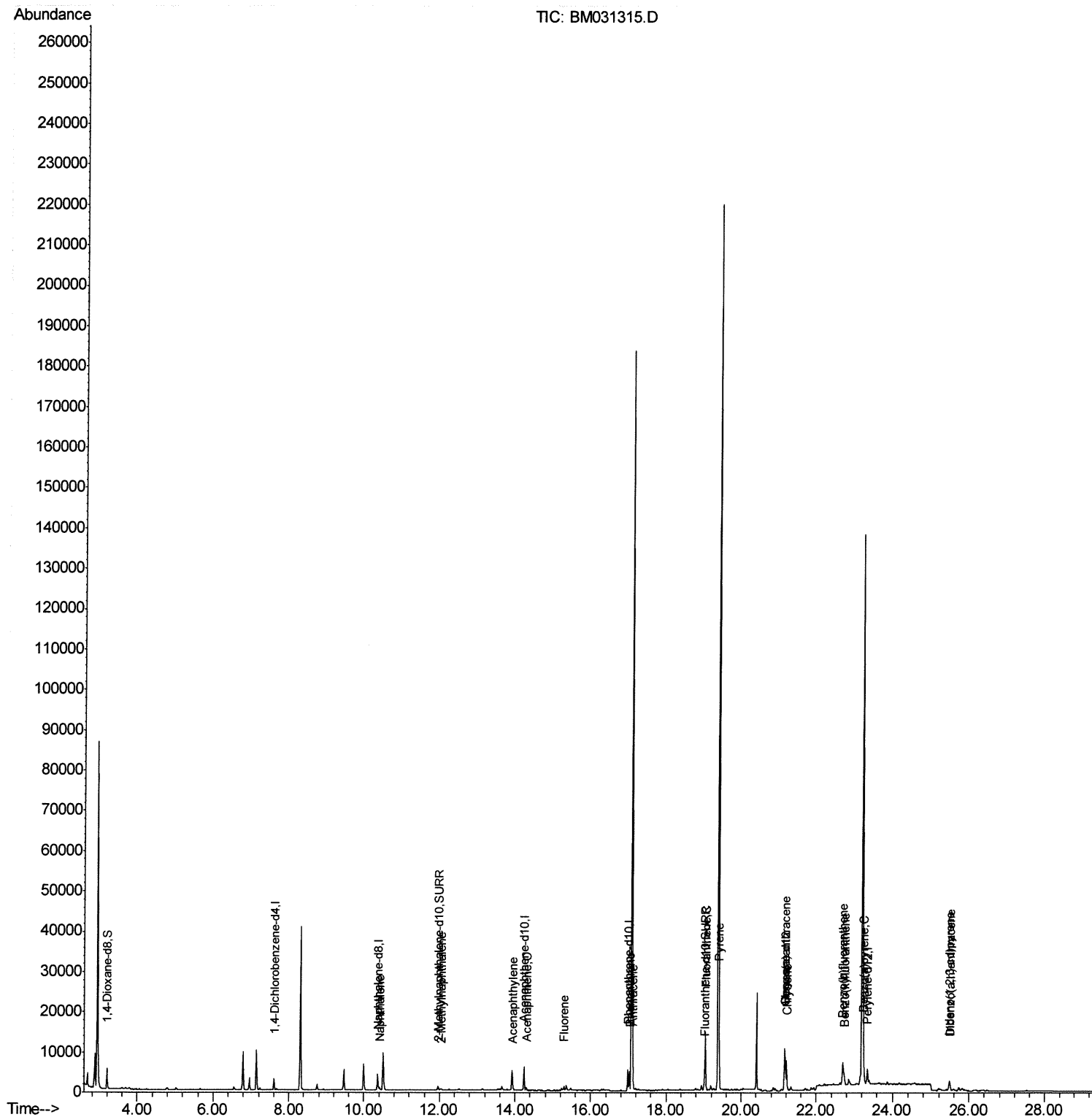
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031315.D
Acq On : 31 Jul 2021 16:57
Operator : CG/JU
Sample : M3106-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEN5

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:33 PM

Quant Time: Aug 02 02:10:58 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



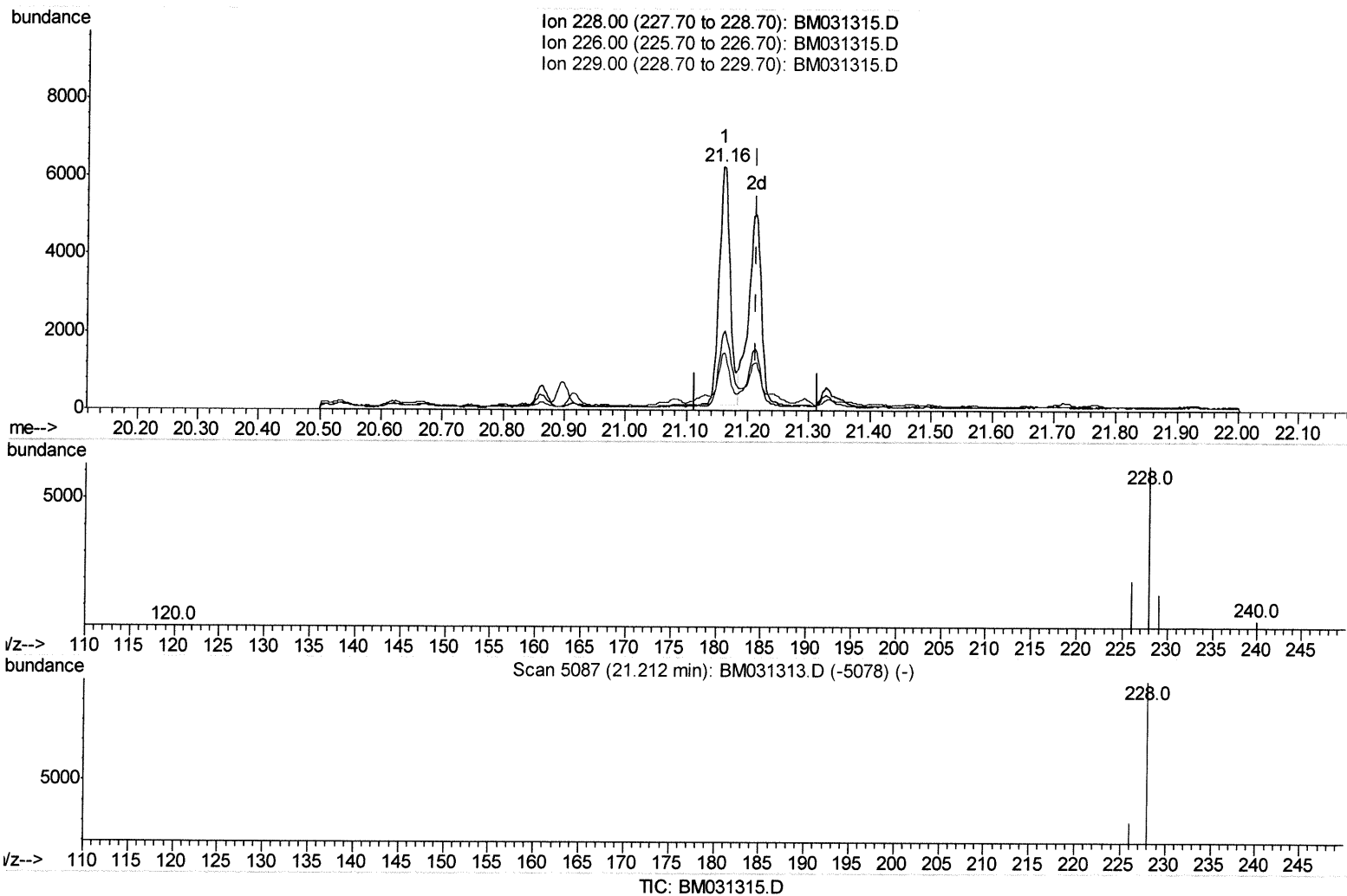
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Quant Time: Aug 02 01:12:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
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(22) Chrysene

21.159min (-0.055) 0.38ng/ul

response 7751

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.08
229.00	20.20	22.97
0.00	0.00	0.00

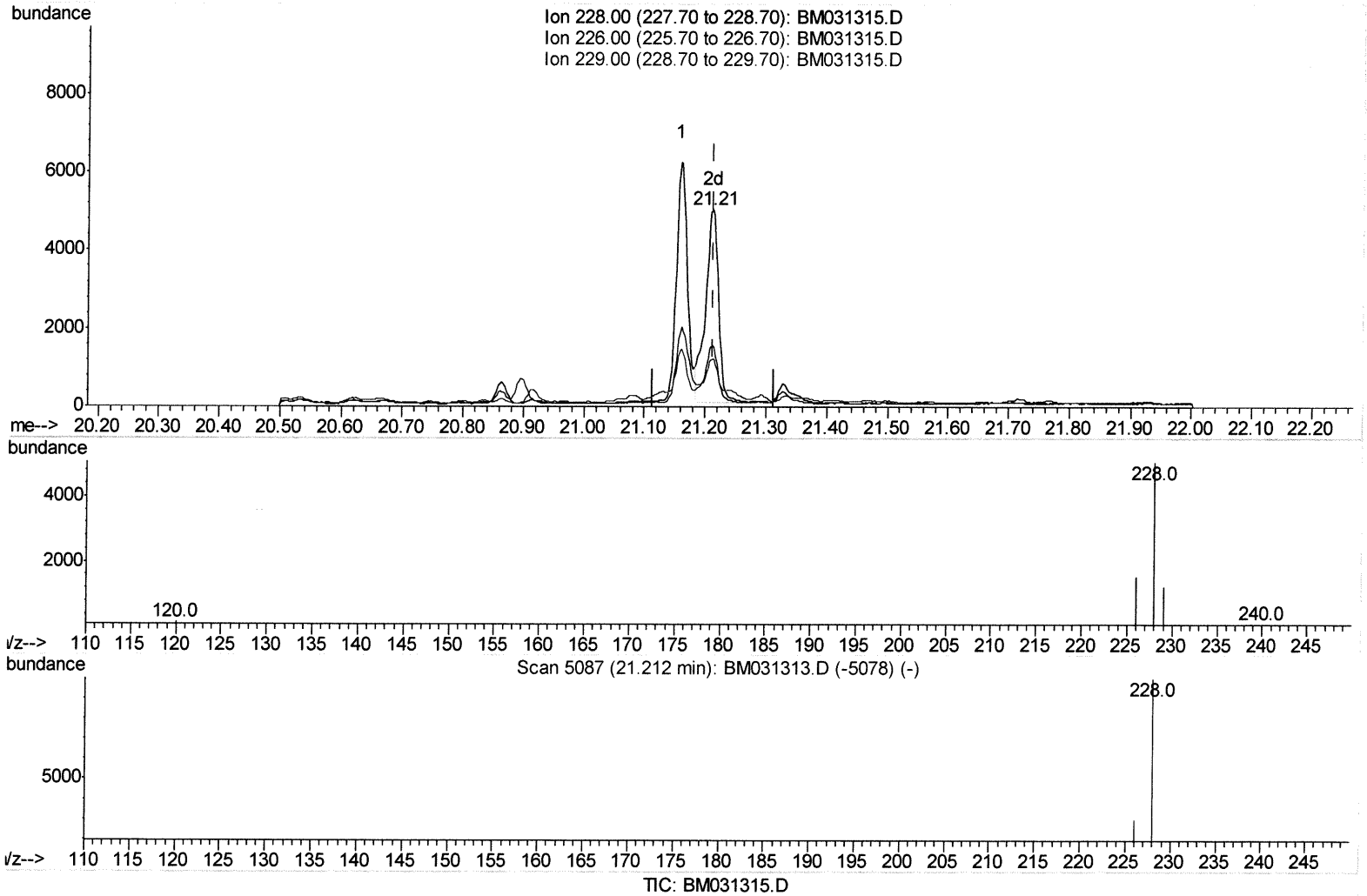
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(22) Chrysene

21.212min (-0.002) 0.37ng/ul m

response 7480

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.96
229.00	20.20	24.45#
0.00	0.00	0.00

Jul 31/21

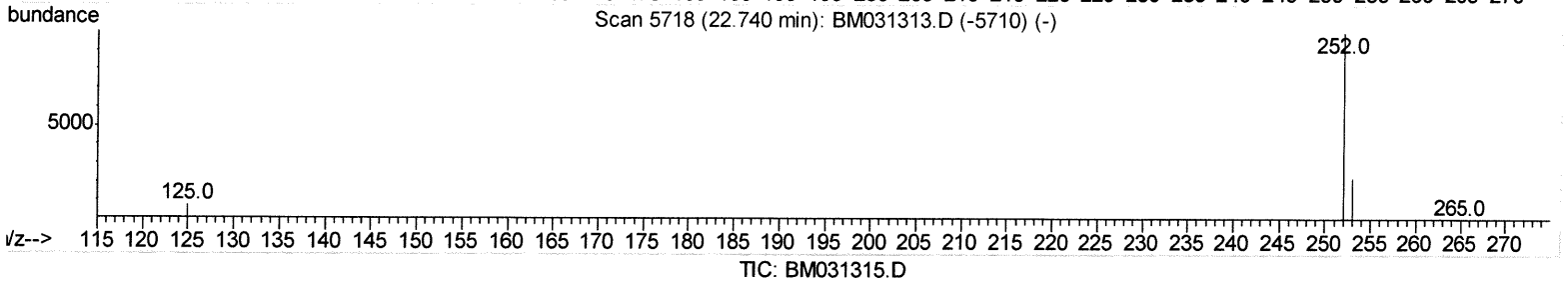
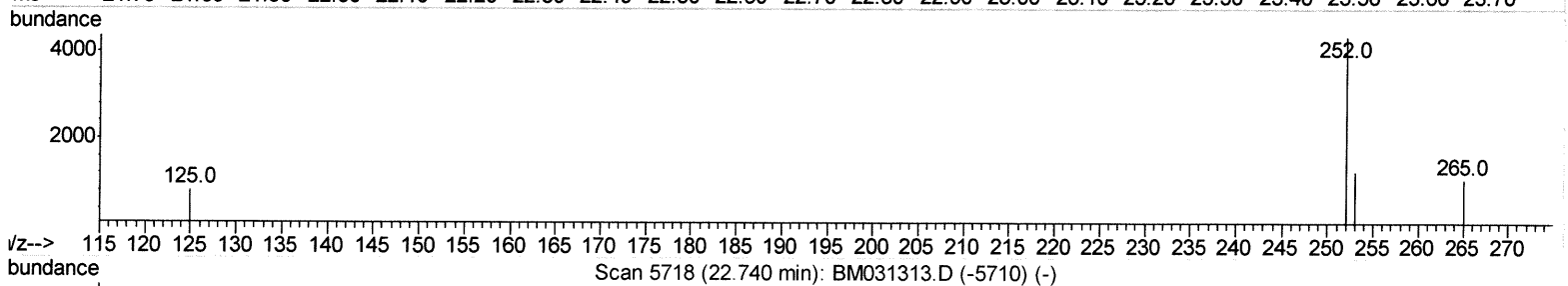
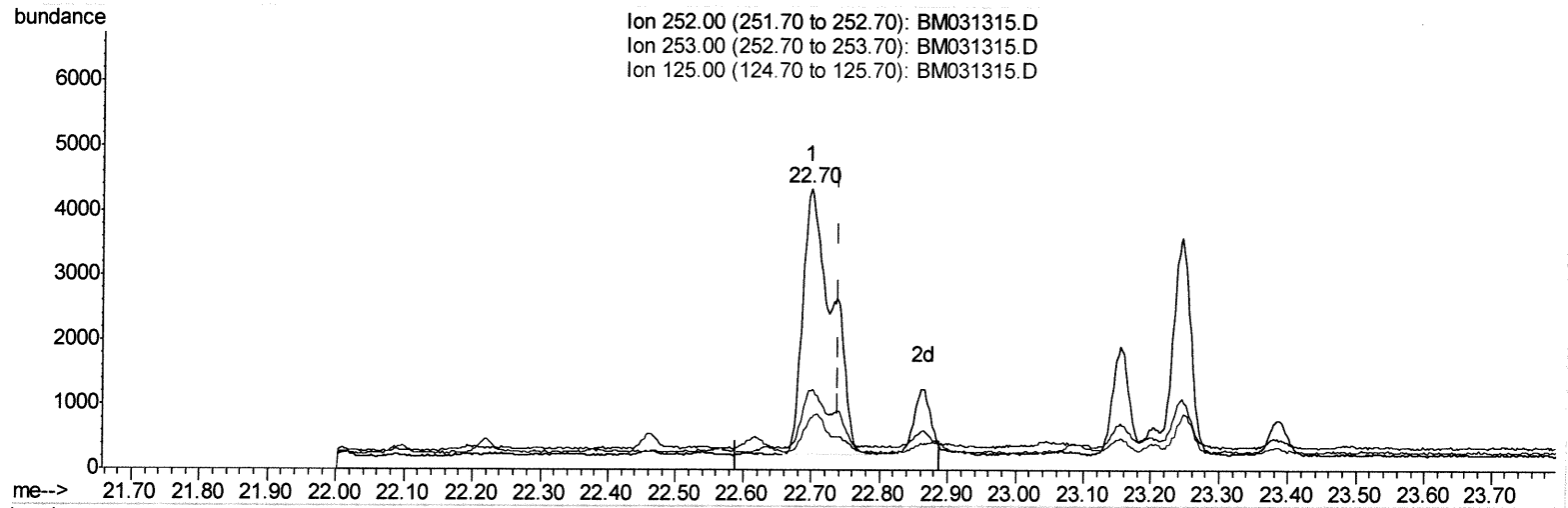
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Instrument :
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Manual Integrations
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mohammad
 8/2/2021 3:41:33 PM

Quant Time: Aug 02 02:08:46 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
 22.699min (-0.041) 0.55ng/ul
 response 12217

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.42
125.00	11.00	18.66#
0.00	0.00	0.00

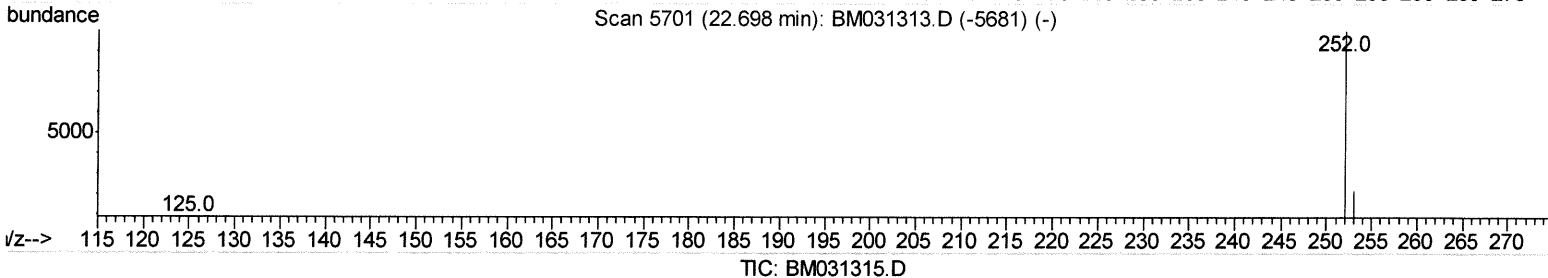
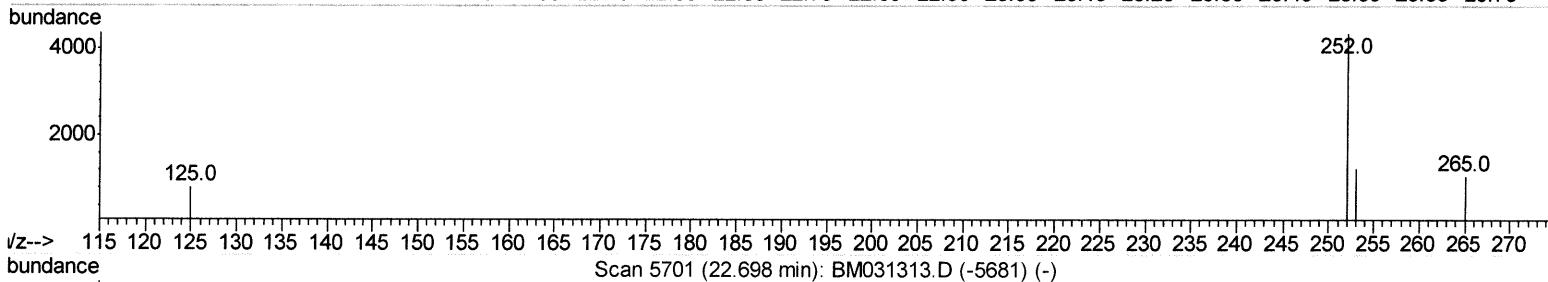
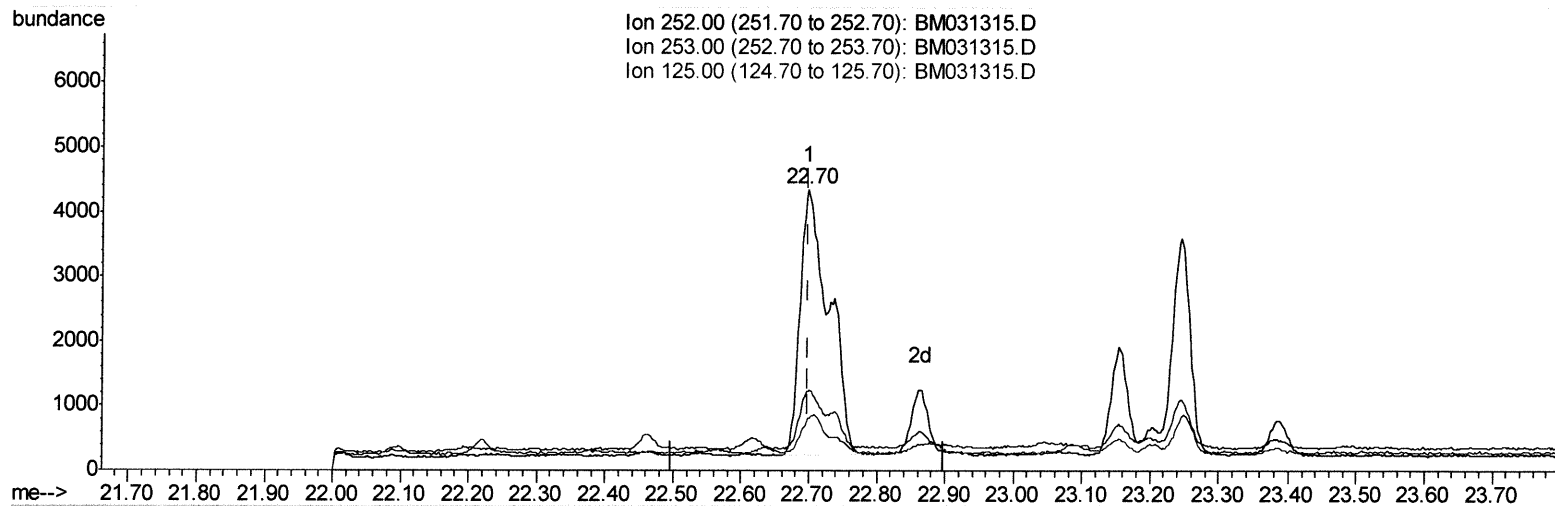
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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 Operator : CG/JU
 Sample : M3106-15
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:33 PM

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 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.57ng/ul

response 12207

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.42
125.00	11.40	18.66
0.00	0.00	0.00

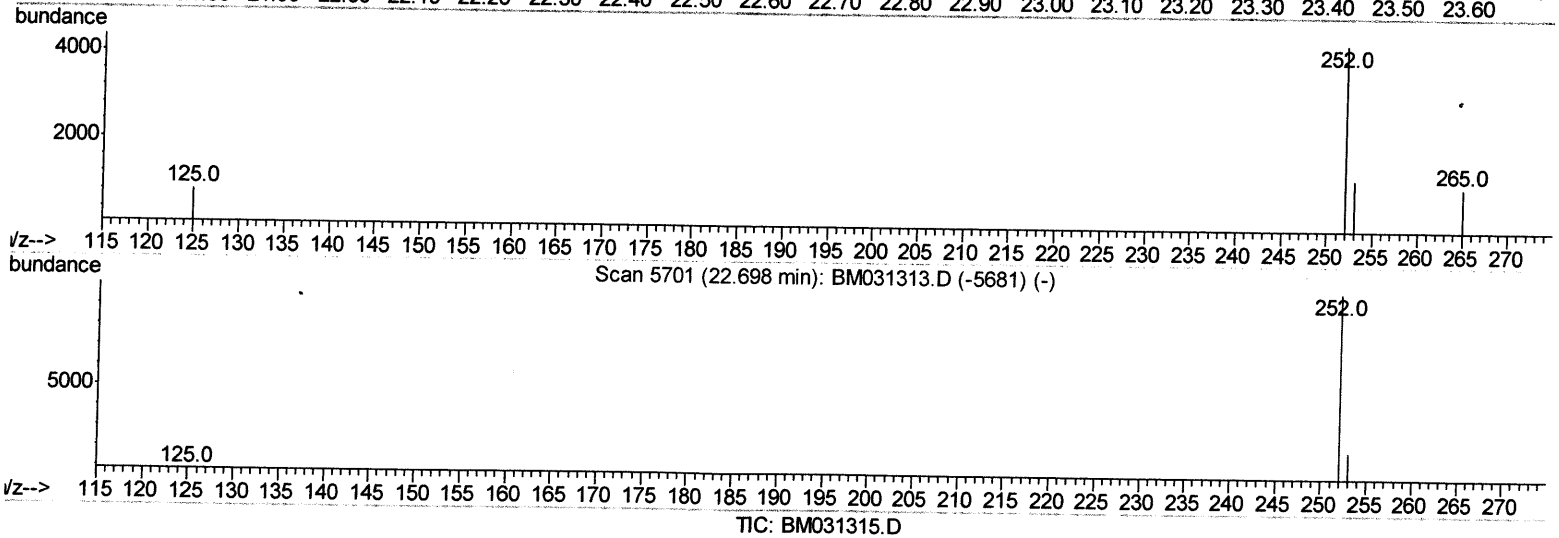
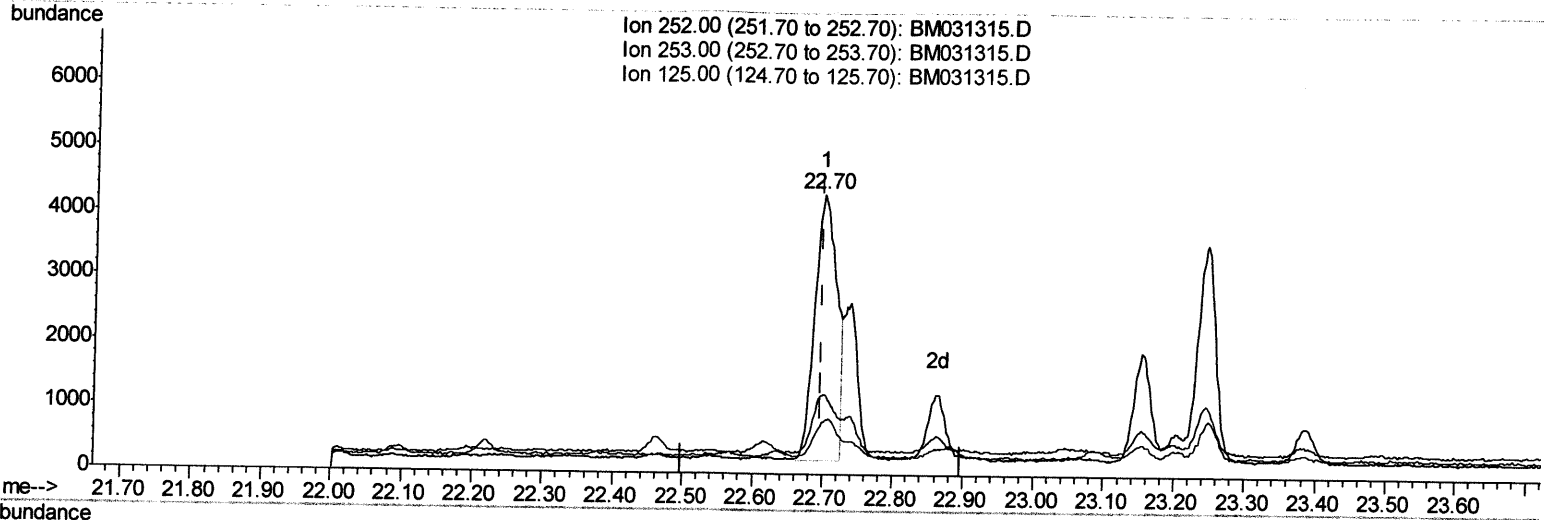
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 Data File : BM031315.D
 Acq On : 31 Jul 2021 16:57
 Operator : CG/JU
 Sample : M3106-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN5

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:33 PM

Quant Time: Aug 02 02:08:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.41ng/ul m

response 8764

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.42
125.00	11.40	18.66
0.00	0.00	0.00

Handwritten signature/initials

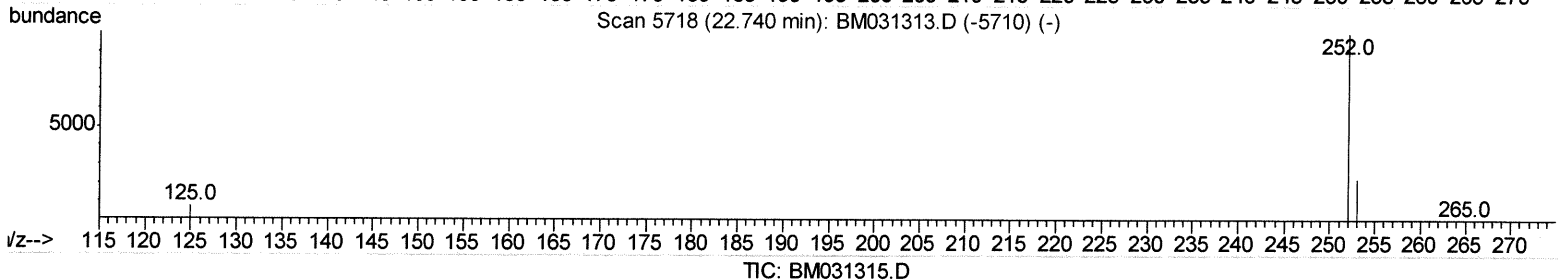
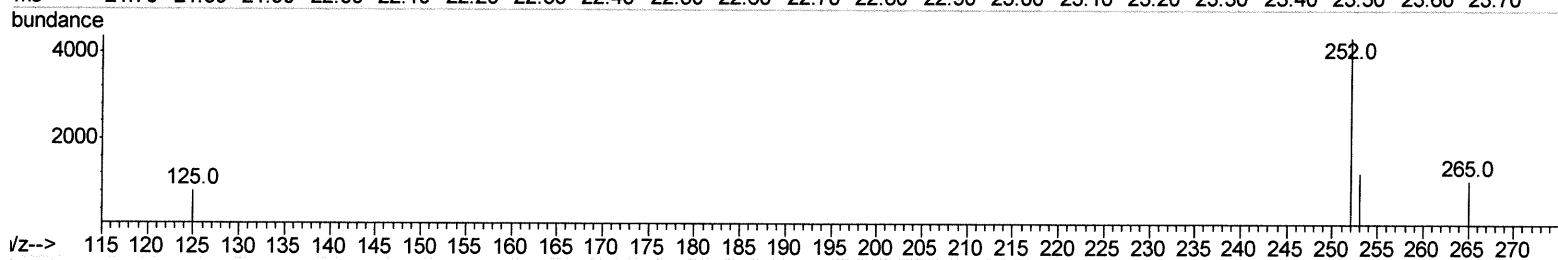
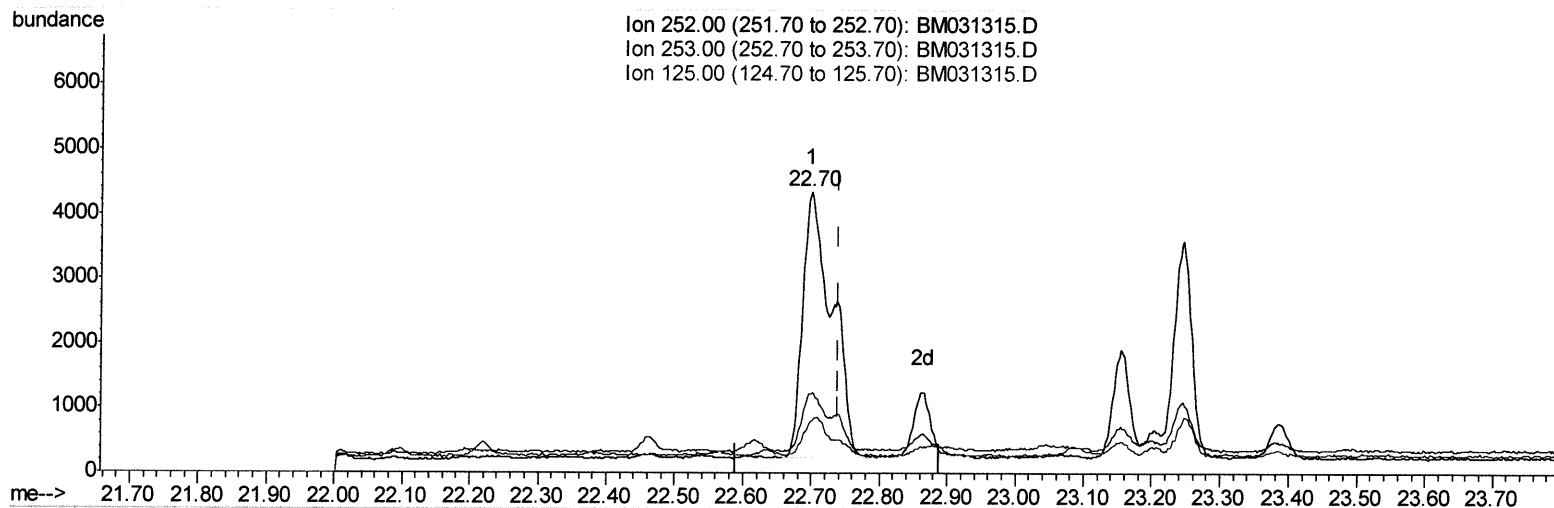
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 Data File : BM031315.D
 Acq On : 31 Jul 2021 16:57
 Operator : CG/JU
 Sample : M3106-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN5

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:33 PM

Quant Time: Aug 02 02:09:49 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

22.699min (-0.041) 0.55ng/ul

response 12217

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.42
125.00	11.00	18.66#
0.00	0.00	0.00

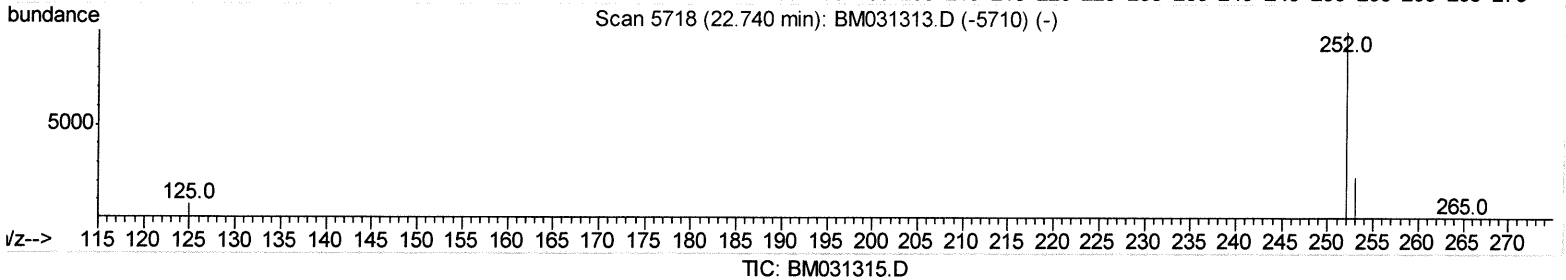
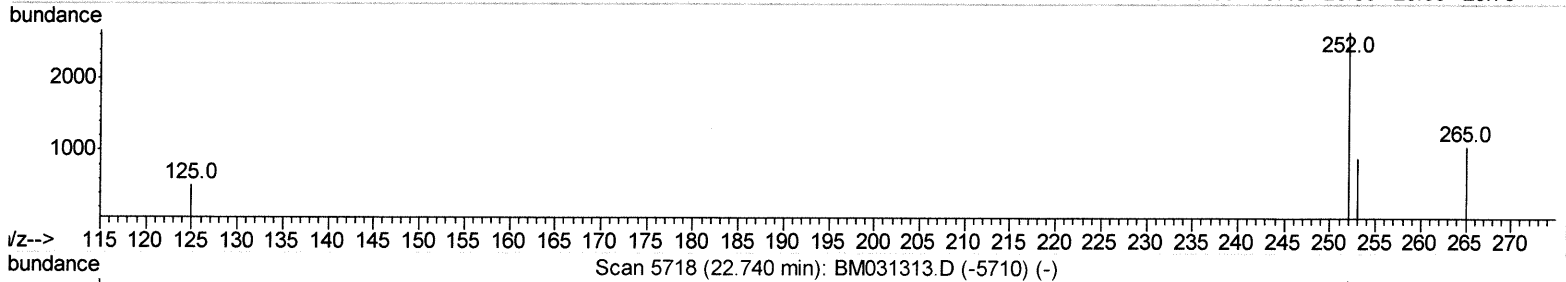
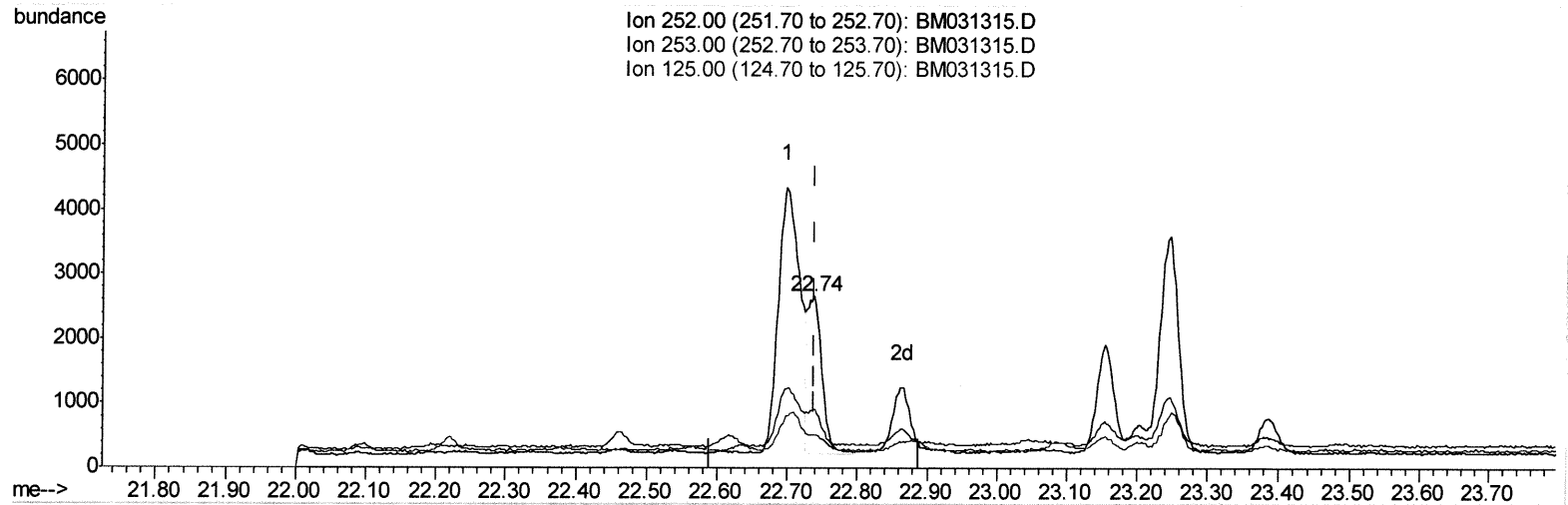
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 Operator : CG/JU
 Sample : M3106-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(25) Benzo(k)fluoranthene

22.737min (-0.002) 0.16ng/ul m *ju 8/2/21*
 response 3580

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	33.86#
125.00	11.00	19.26#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1339	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5197	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3260	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6235	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	4834	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	4767	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	3065	2.06	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.97	152	1190	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	2439	0.15	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.42	128	1073	0.069	ng/ul#	88
7) 2-Methylnaphthalene	12.04	142	253	0.024	ng/ul	96
10) Acenaphthylene	13.96	152	423	0.030	ng/ul#	68
11) Acenaphthene	14.30	153	523	0.045	ng/ul	95
12) Fluorene	15.29	166	652	0.048	ng/ul#	91
15) Phenanthrene	17.03	178	4974	0.251	ng/ul	99
16) Anthracene	17.12	178	2314	0.125	ng/ul#	93
19) Fluoranthene	19.05	202	12521	0.607	ng/ul	98
20) Pyrene	19.41	202	11044	0.528	ng/ul	97
21) Benzo(a)anthracene	21.16	228	7672	0.393	ng/ul	92
22) Chrysene	21.21	228	7480m	0.370	ng/ul	} Ju 8/3/21
24) Benzo(b)fluoranthene	22.70	252	8764m	0.408	ng/ul	
25) Benzo(k)fluoranthene	22.74	252	3580m	0.161	ng/ul	
26) Benzo(a)pyrene	23.25	252	6075	0.323	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.48	276	3649	0.150	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.49	278	1133	0.058	ng/ul#	45

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