

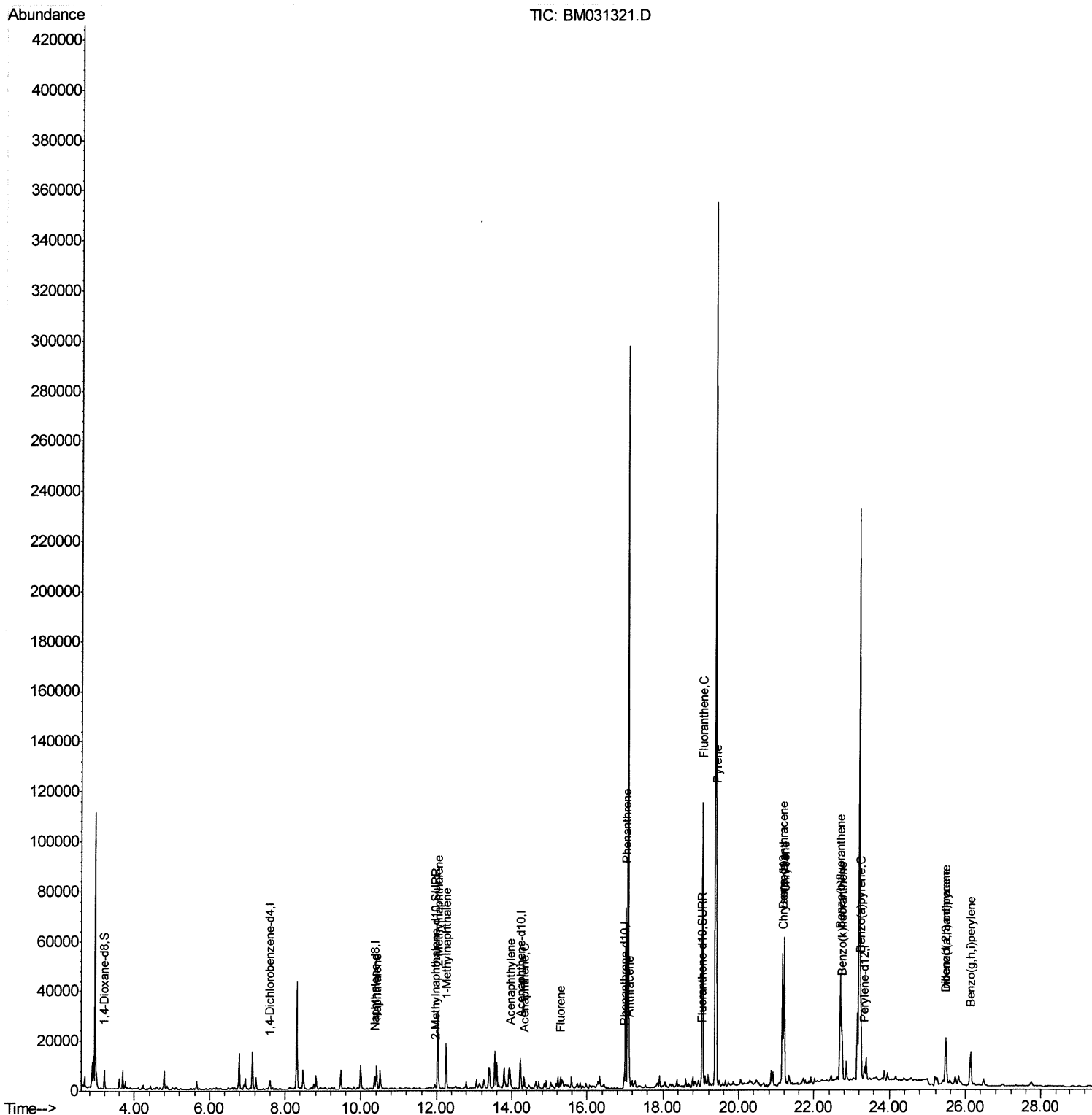
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031321.D
Acq On : 31 Jul 2021 20:38
Operator : CG/JU
Sample : M3091-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0055

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:51 PM

Quant Time: Aug 02 02:43:13 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



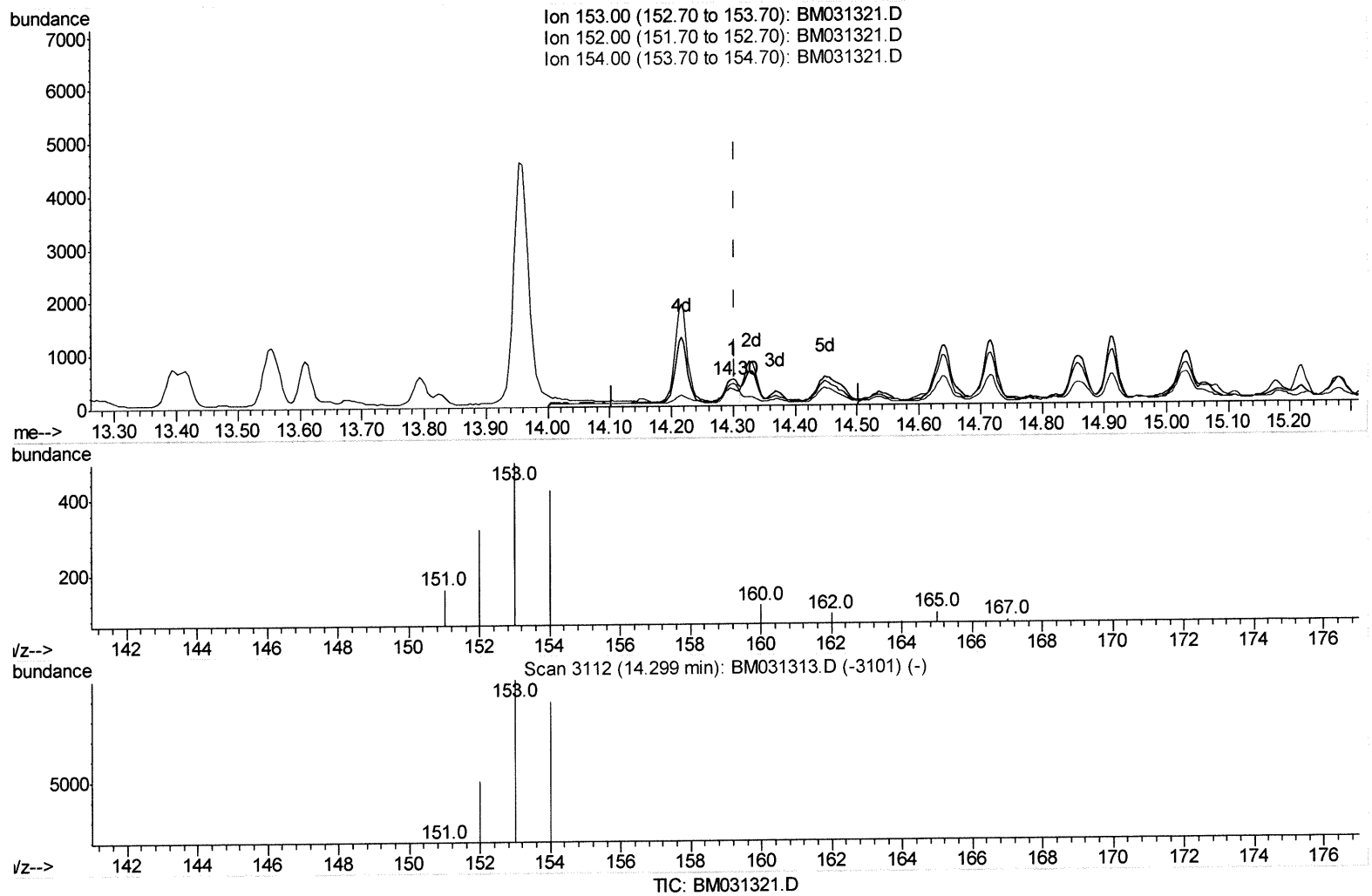
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Manual Integrations
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Quant Time: Aug 02 02:38:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
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(11) Acenaphthene (C)

14.299min (-0.003) 0.04ng/ul

response 640

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	64.57#
154.00	87.70	85.43
0.00	0.00	0.00

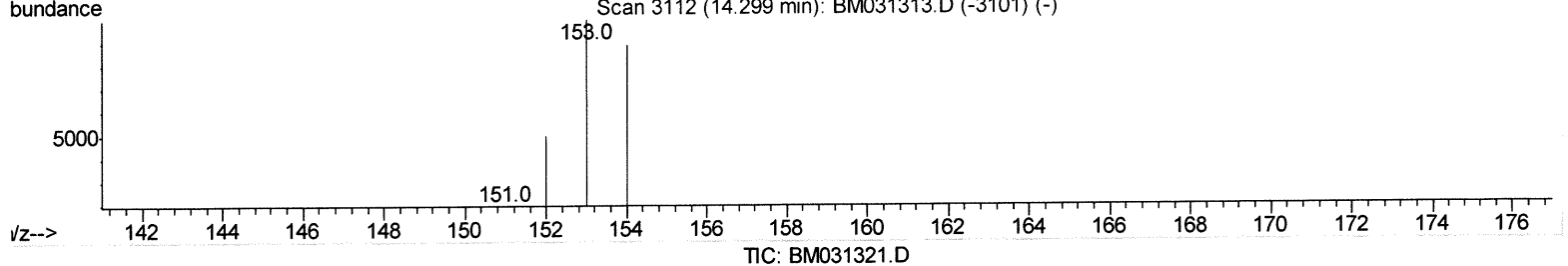
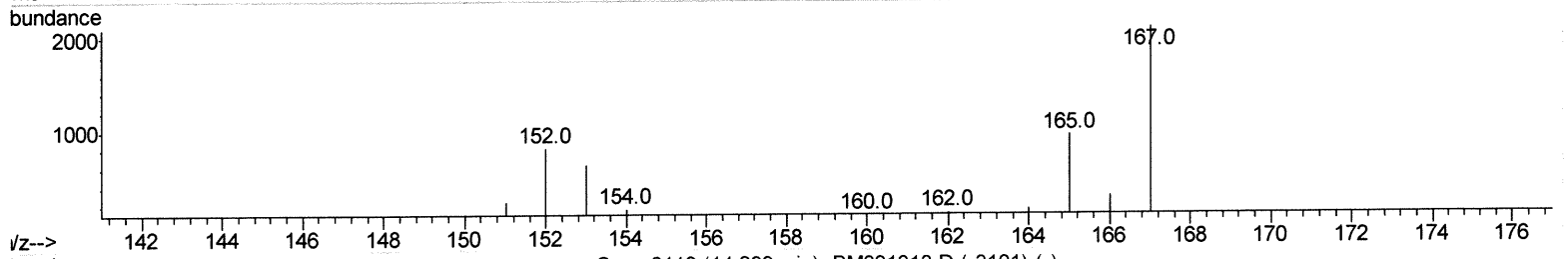
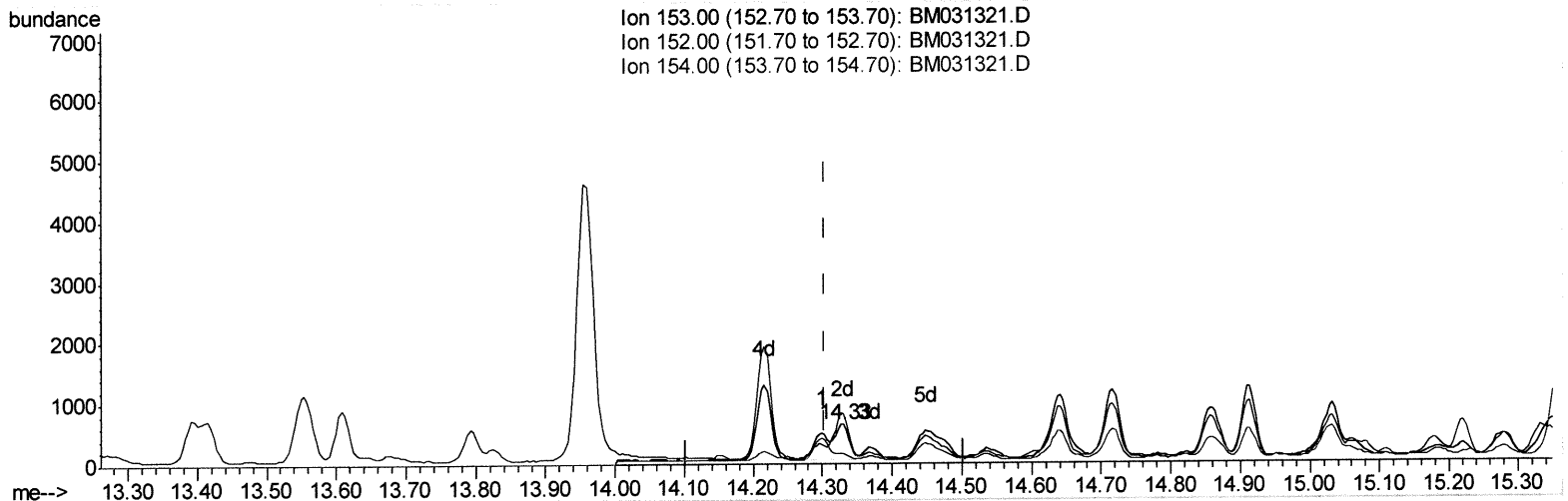
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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(11) Acenaphthene (C)

14.330min (+0.027) 0.09ng/ul m

response 1481

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	127.20#
154.00	87.70	26.28#
0.00	0.00	0.00

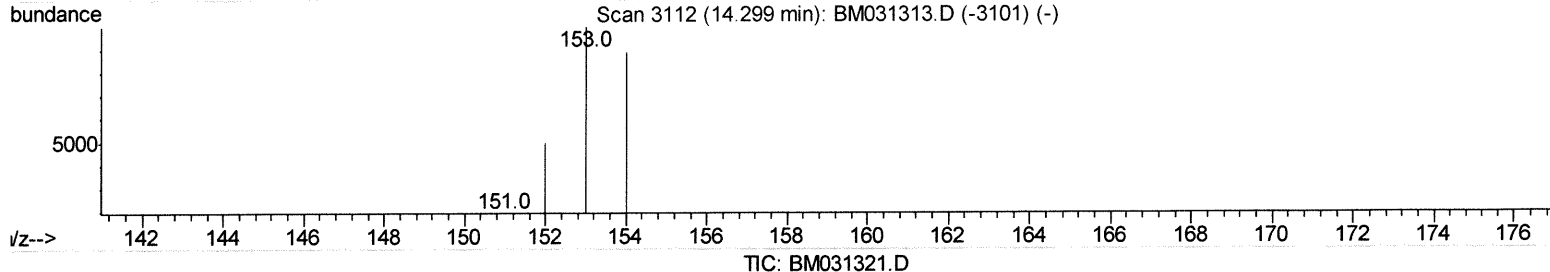
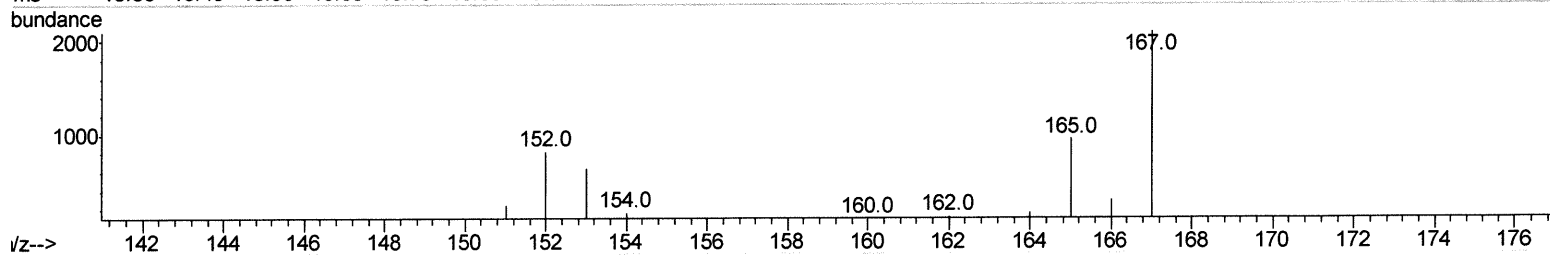
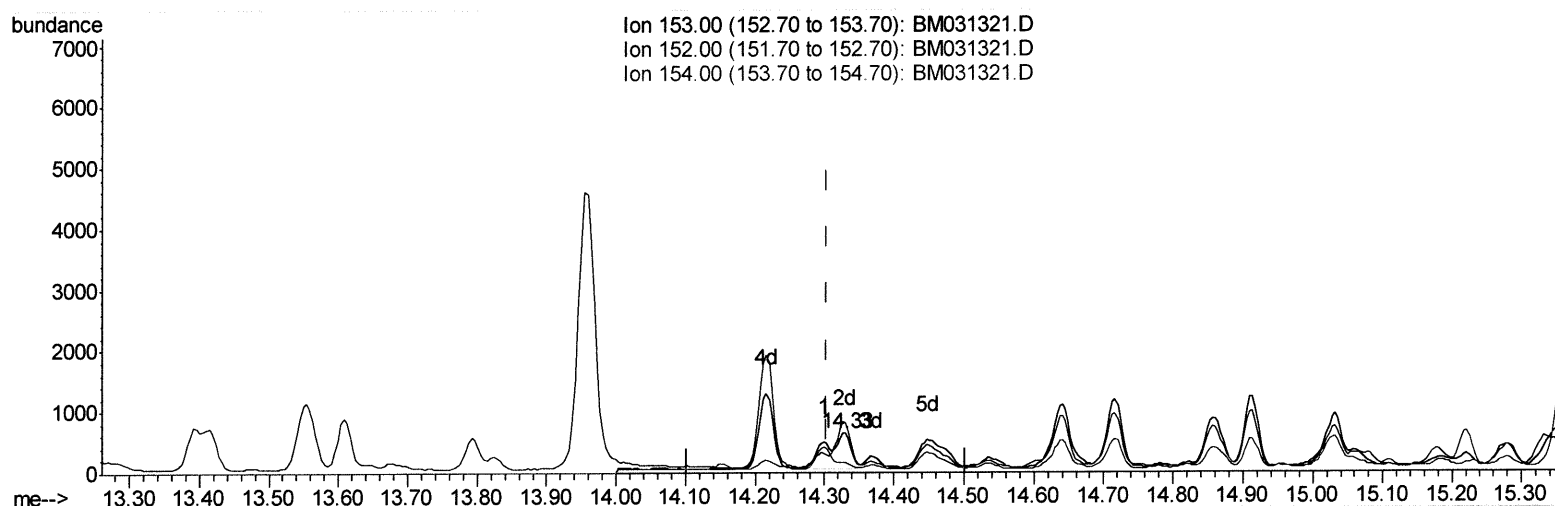
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 Operator : CG/JU
 Sample : M3091-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0055

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:51 PM

Quant Time: Aug 02 02:39:39 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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(11) Acenaphthene (C)

14.330min (+0.027) 0.09ng/ul m

response 1481

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	127.20#
154.00	87.70	26.28#
0.00	0.00	0.00

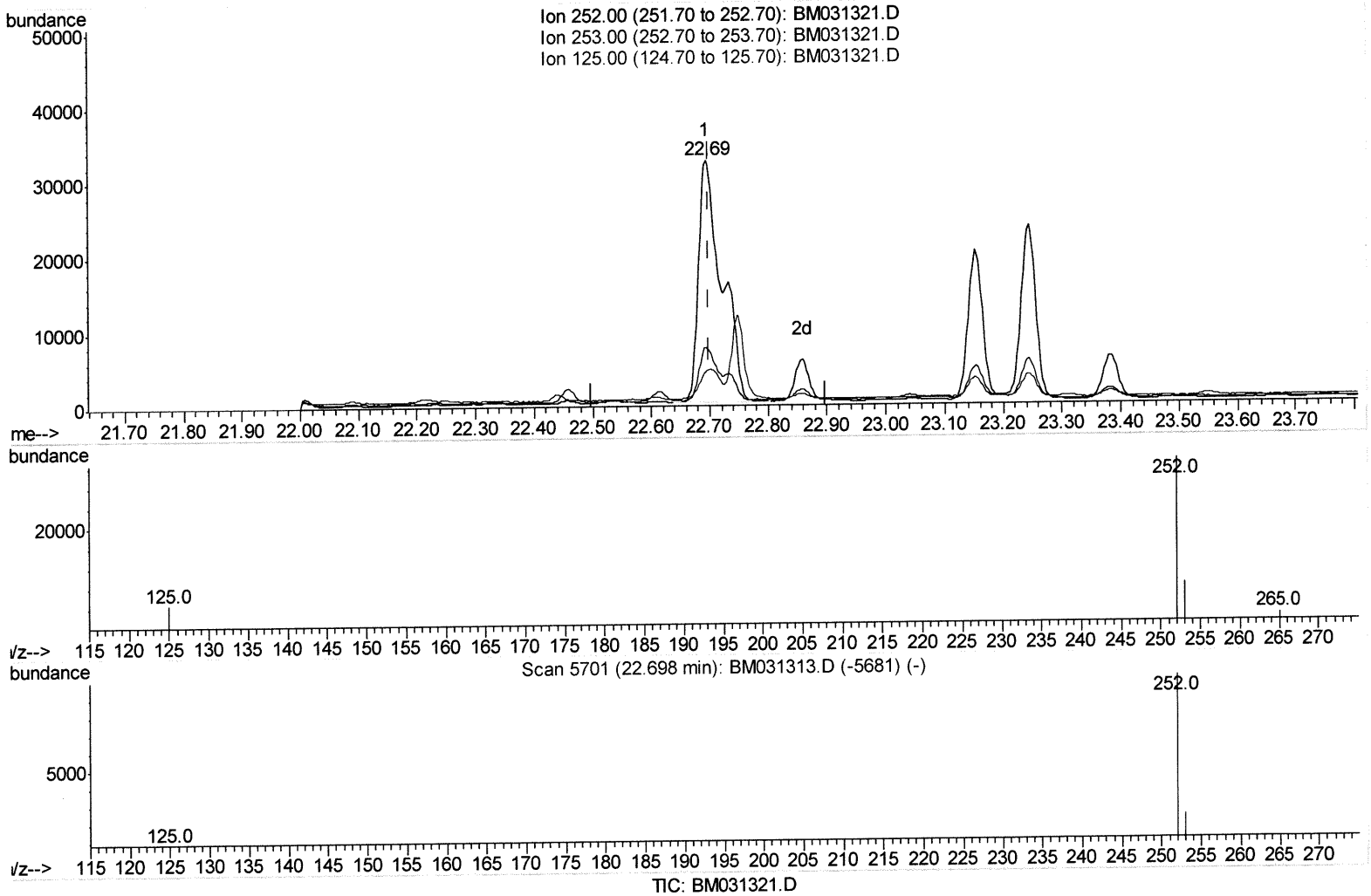
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031321.D
Acq On : 31 Jul 2021 20:38
Operator : CG/JU
Sample : M3091-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

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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 (-0.005) 3.30ng/ul

response 89338

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.67
125.00	11.40	13.90
0.00	0.00	0.00

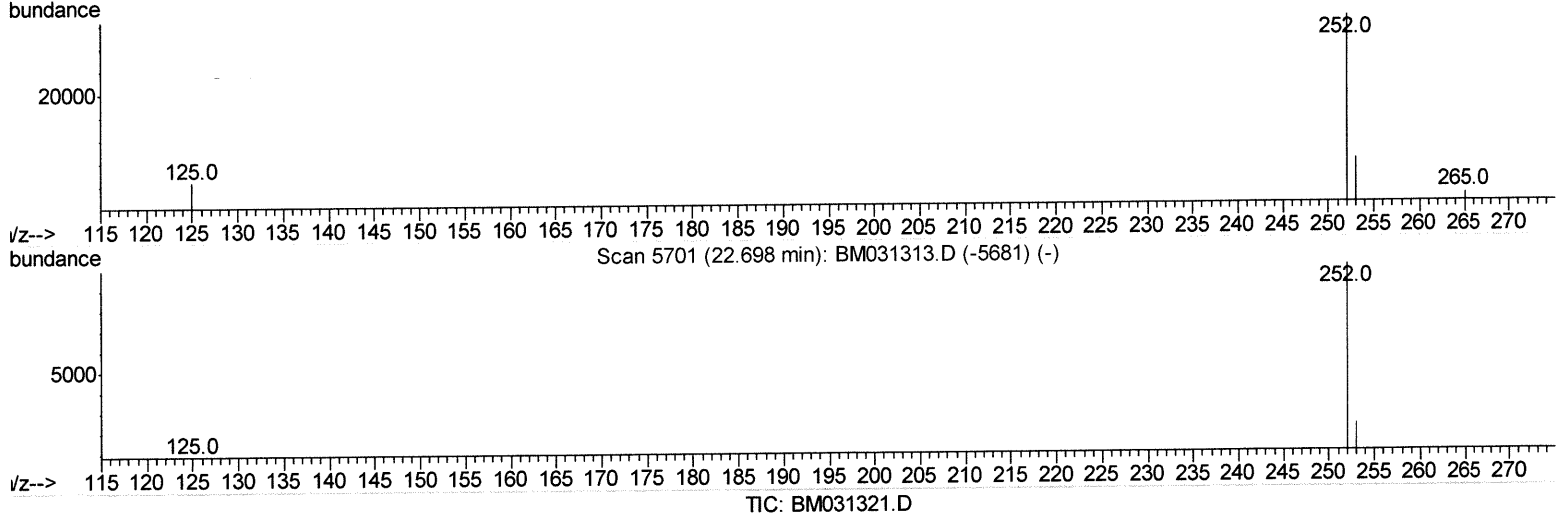
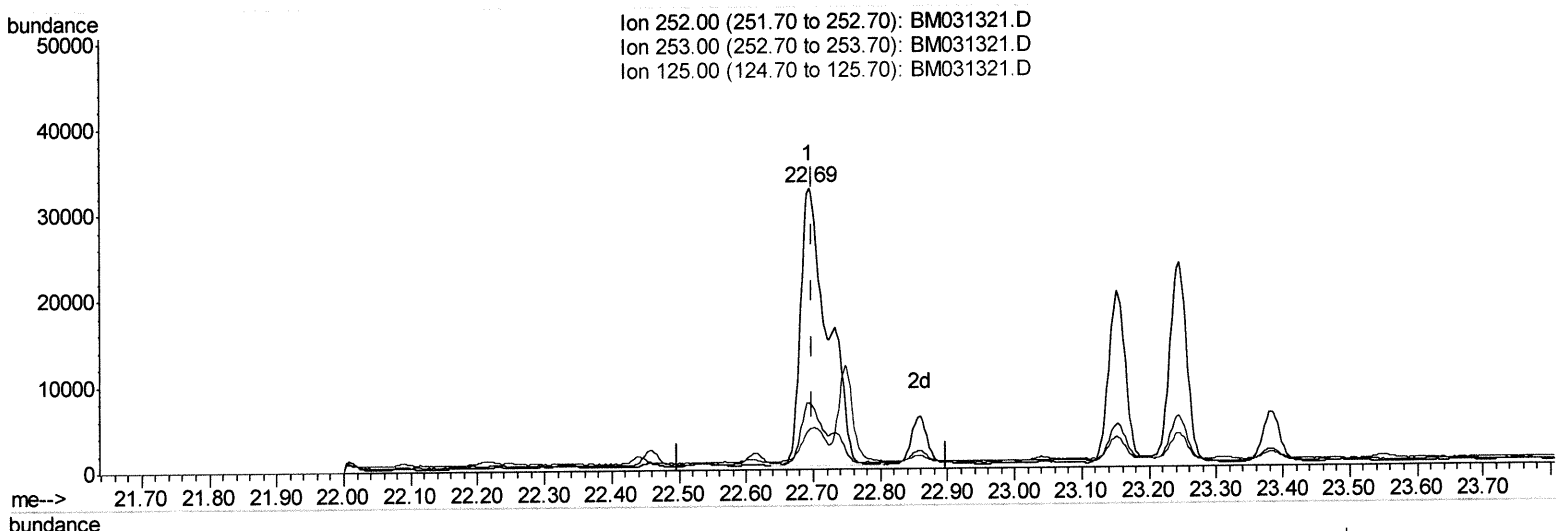
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031321.D
Acq On : 31 Jul 2021 20:38
Operator : CG/JU
Sample : M3091-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0055

Manual Integrations
APPROVED

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Quant Time: Aug 02 02:39:39 2021
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(24) Benzo(b)fluoranthene

22.694min (-0.005) 3.30ng/ul

response 89338

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.67
125.00	11.40	13.90
0.00	0.00	0.00

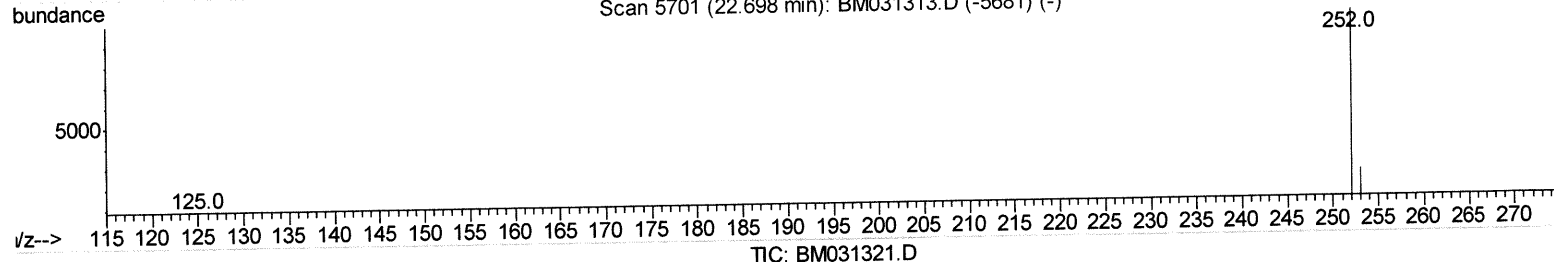
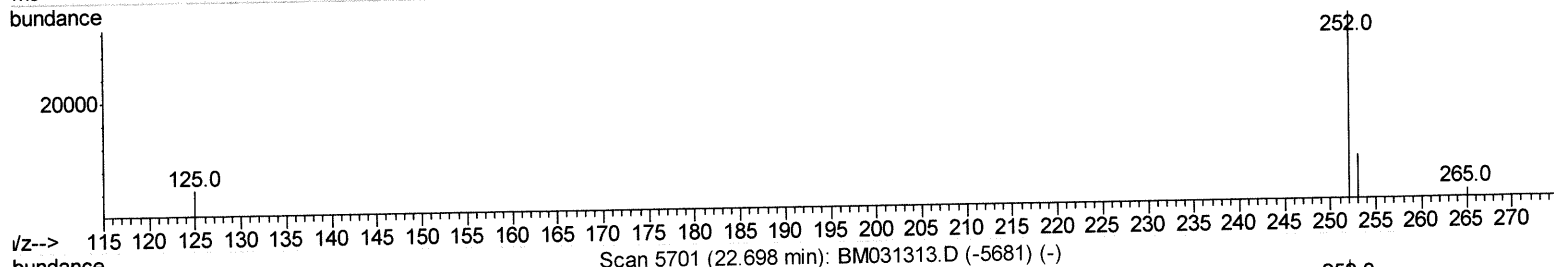
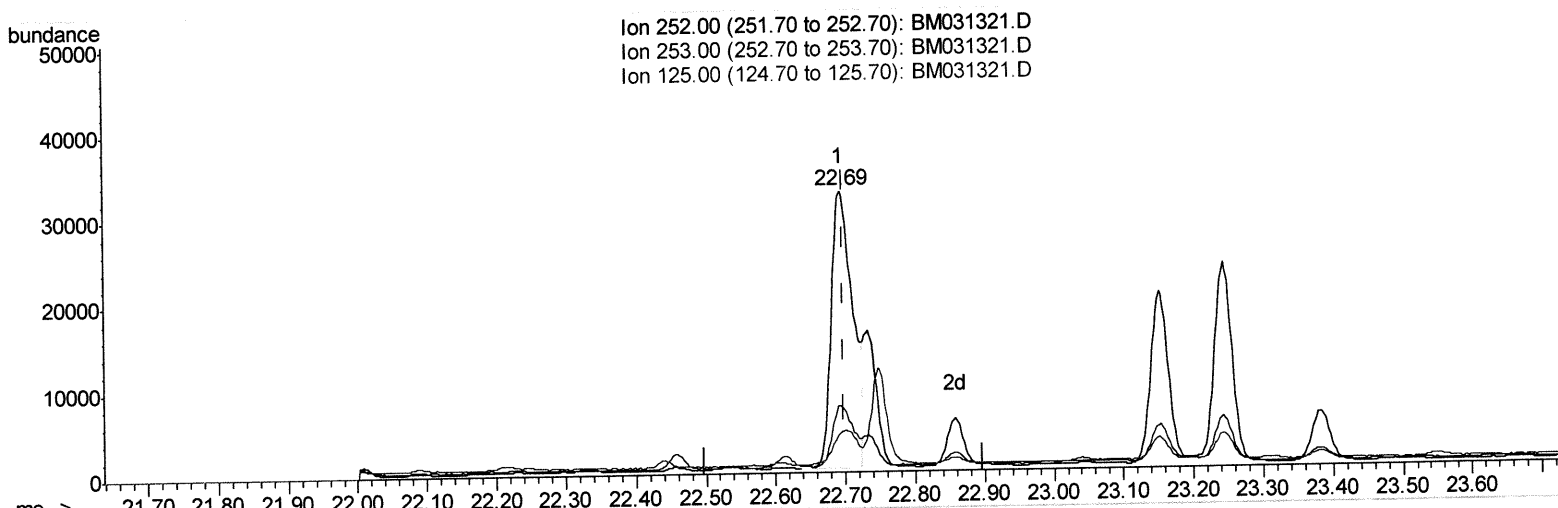
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031321.D
 Acq On : 31 Jul 2021 20:38
 Operator : CG/JU
 Sample : M3091-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0055

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:51 PM

Quant Time: Aug 02 02:39:39 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 (-0.005) 2.50ng/ul m

response 67730

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.67
125.00	11.40	13.90
0.00	0.00	0.00

Handwritten: 7483/21

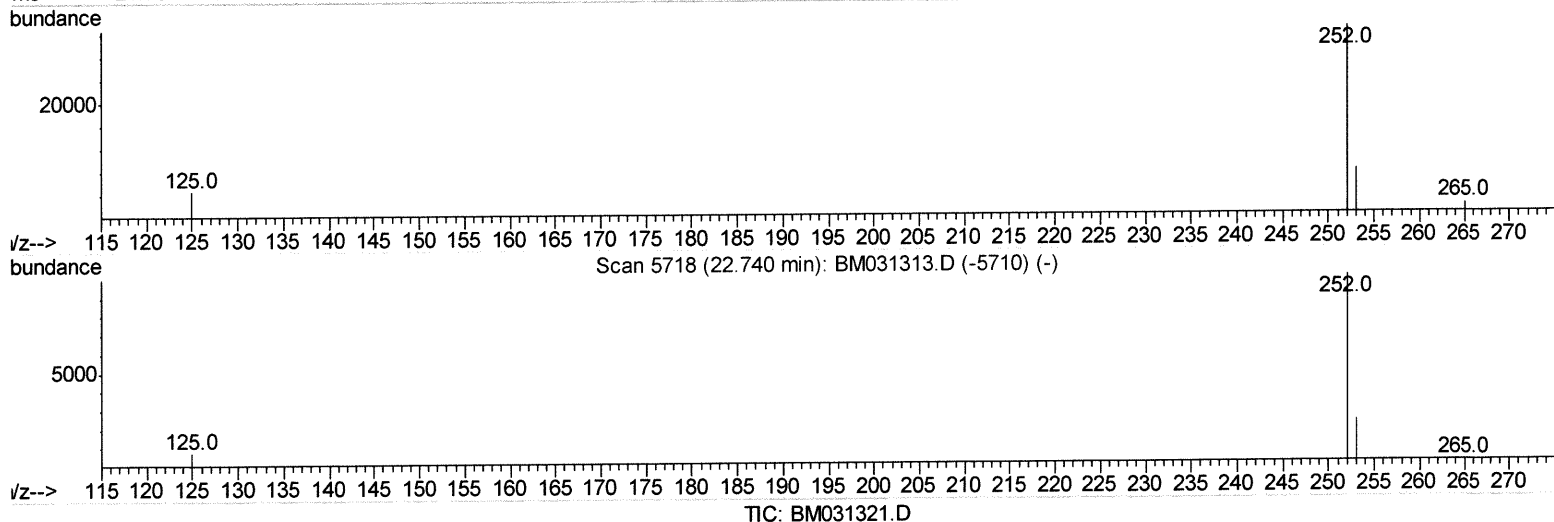
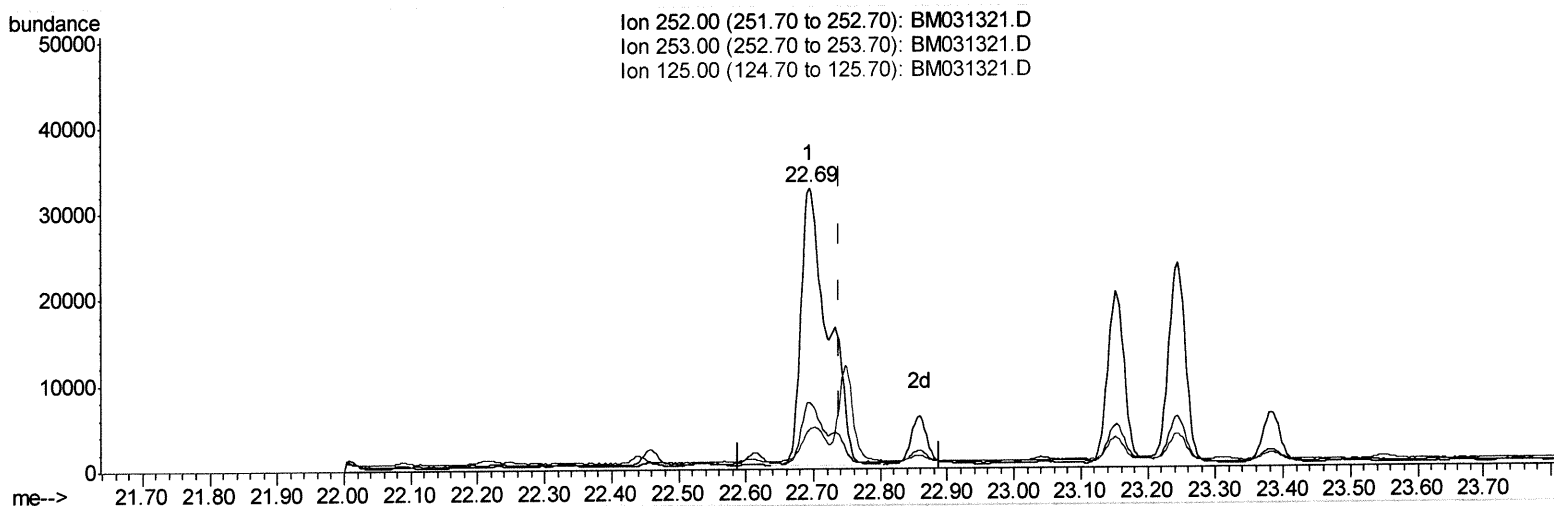
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031321.D
 Acq On : 31 Jul 2021 20:38
 Operator : CG/JU
 Sample : M3091-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0055

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:51 PM

Quant Time: Aug 02 02:42:15 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
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.694min (-0.046) 3.20ng/ul

response 89338

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.67
125.00	11.00	13.90#
0.00	0.00	0.00

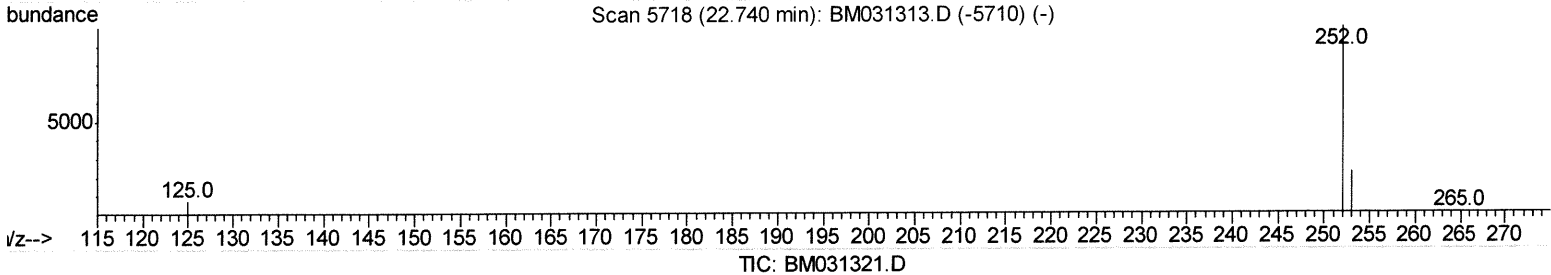
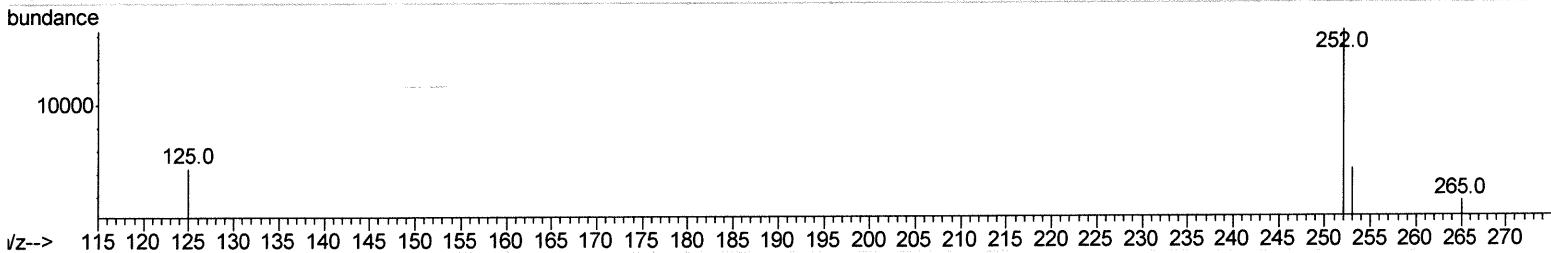
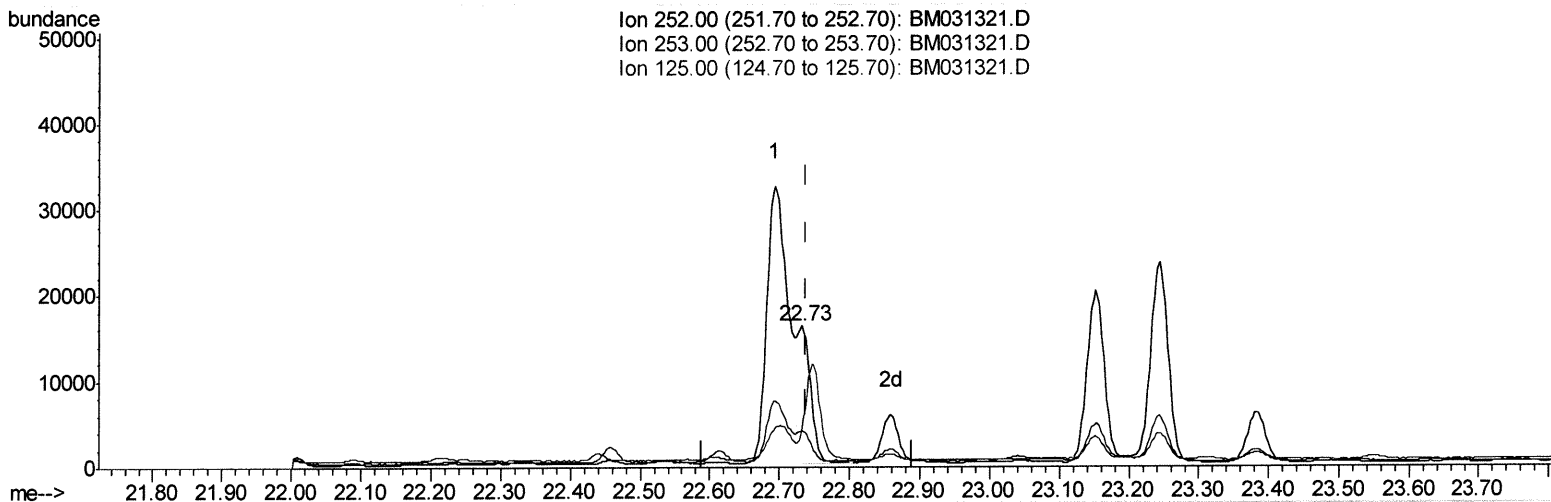
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031321.D
 Acq On : 31 Jul 2021 20:38
 Operator : CG/JU
 Sample : M3091-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0055

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:51 PM

Quant Time: Aug 02 02:42:15 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
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.78ng/ul m

Handwritten signature

response 21865

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.46
125.00	11.00	26.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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 Acq On : 31 Jul 2021 20:38
 Operator : CG/JU
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 Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1623	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6529	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	4531	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	8357	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	6538	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	6005	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	4485	2.49	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.96	152	1983	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	4211	0.19	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.41	128	12345	0.635	ng/ul	98
7) 2-Methylnaphthalene	12.03	142	21248	1.599	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	12048	0.918	ng/ul	99
10) Acenaphthylene	13.95	152	7621	0.395	ng/ul	100
11) Acenaphthene	14.33	153	1481m	0.091	ng/ul	71
12) Fluorene	15.29	166	1953	0.104	ng/ul#	98
15) Phenanthrene	17.02	178	73224	2.759	ng/ul	98
16) Anthracene	17.12	178	8547	0.344	ng/ul	98
19) Fluoranthene	19.04	202	97617	3.497	ng/ul#	96
20) Pyrene	19.41	202	83420	2.946	ng/ul	97
21) Benzo(a)anthracene	21.16	228	44175	1.673	ng/ul	94
22) Chrysene	21.21	228	58673	2.148	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	67730m	2.503	ng/ul	96
25) Benzo(k)fluoranthene	22.73	252	21865m	0.782	ng/ul	96
26) Benzo(a)pyrene	23.24	252	40622	1.714	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.48	276	29614	0.967	ng/ul#	79
28) Dibenzo(a,h)anthracene	25.48	278	8069	0.327	ng/ul#	96
29) Benzo(a,h,i)perylene	26.13	276	27347	1.047	ng/ul	96

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