

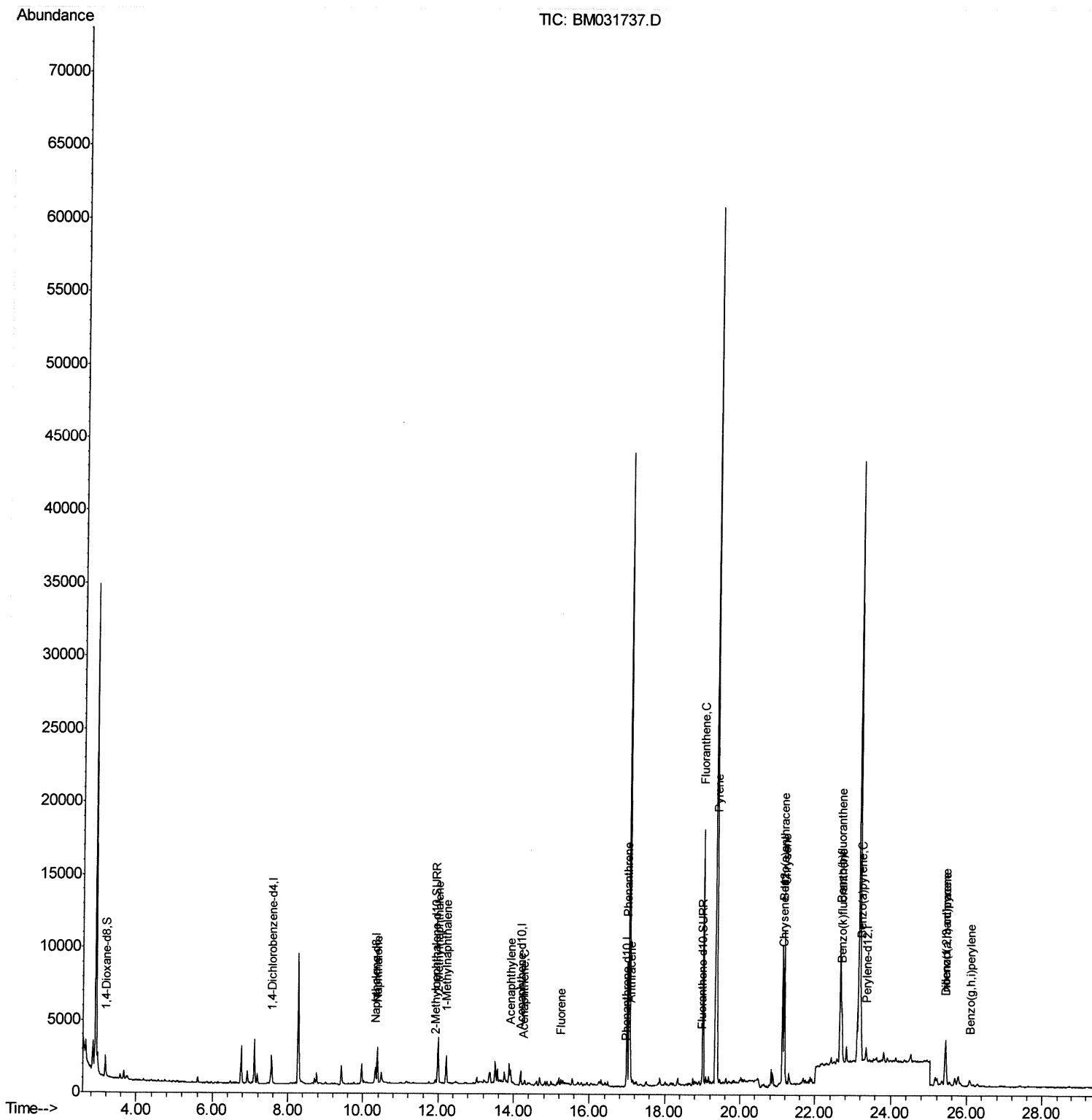
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031737.D
Acq On : 14 Aug 2021 05:34
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00F0DL

Manual Integrations
APPROVED

mohammad
8/16/2021 8:41:04 AM

Quant Time: Aug 14 06:16:37 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 : Sat Aug 14 05:28:36 2021
Response via : Initial Calibration



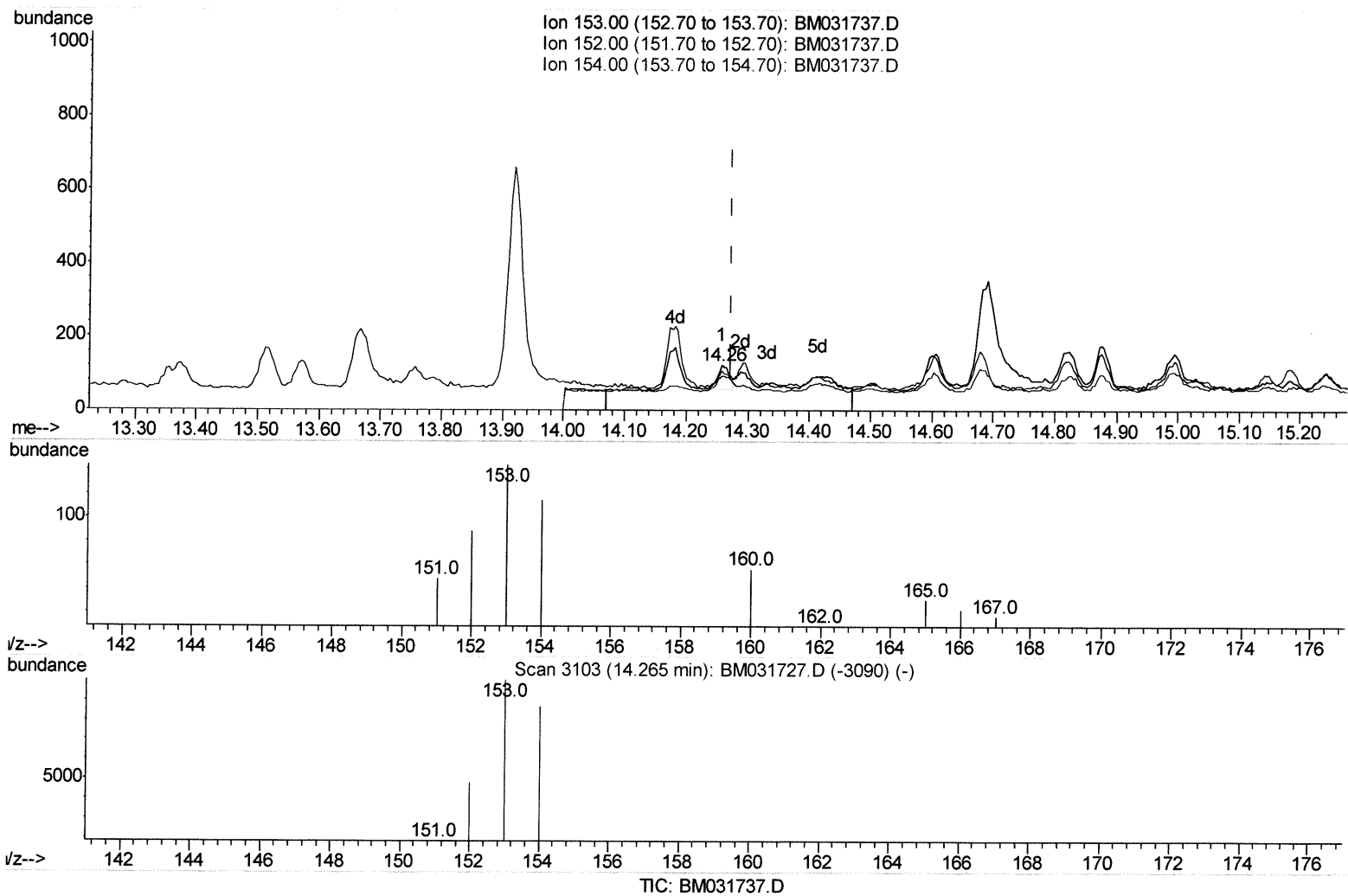
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(11) Acenaphthene (C)

14.258min (-0.015) 0.30ng/ul

response 94

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	77.05#
154.00	87.70	87.70
0.00	0.00	0.00

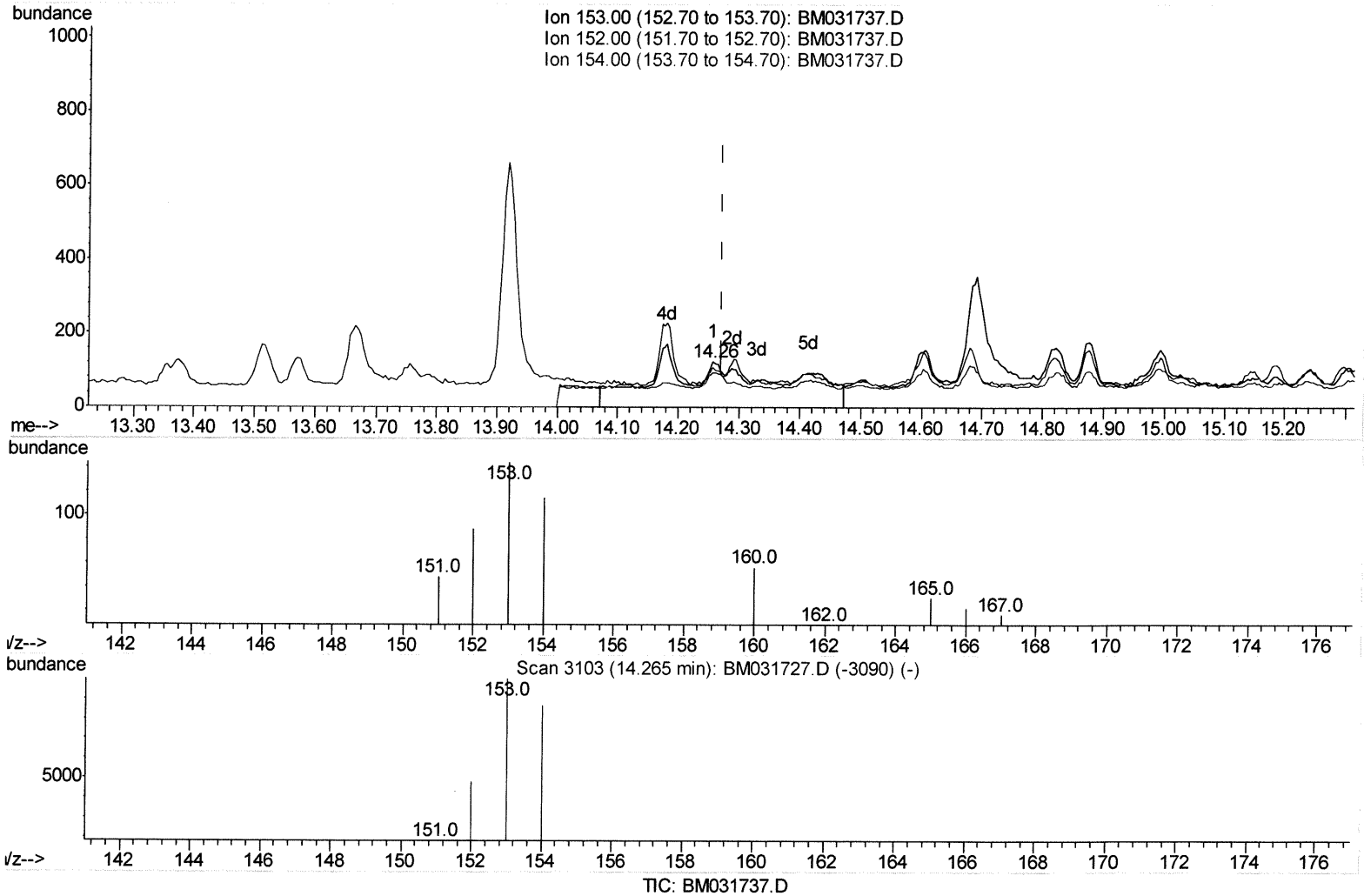
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Quant Time: Aug 14 06:08:22 2021
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(11) Acenaphthene (C)

14.258min (-0.015) 0.54ng/ul m

response 169

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	77.05#
154.00	87.70	87.70
0.00	0.00	0.00

JUL 8/16/21

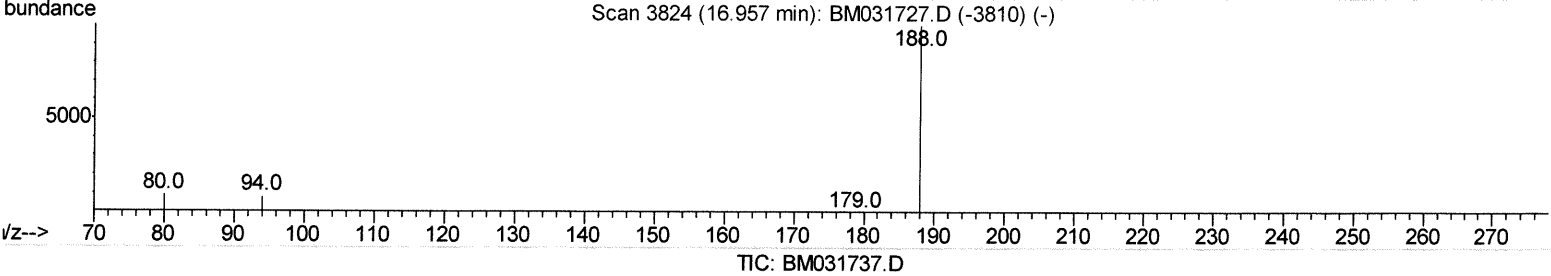
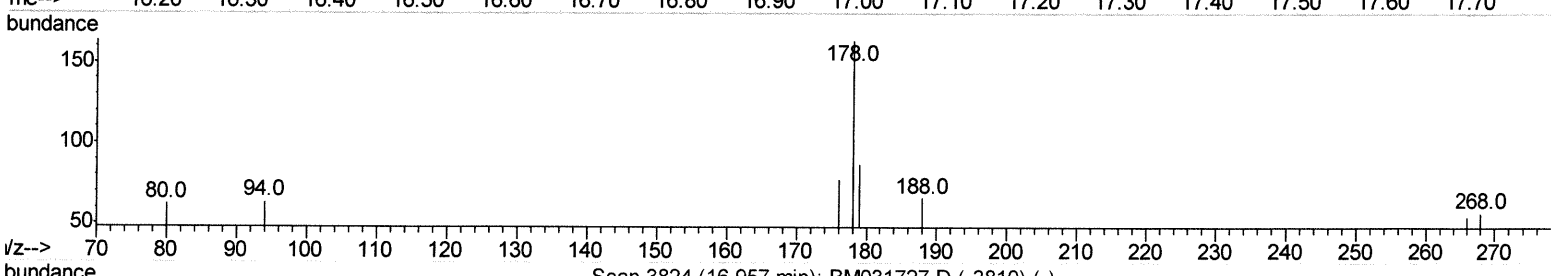
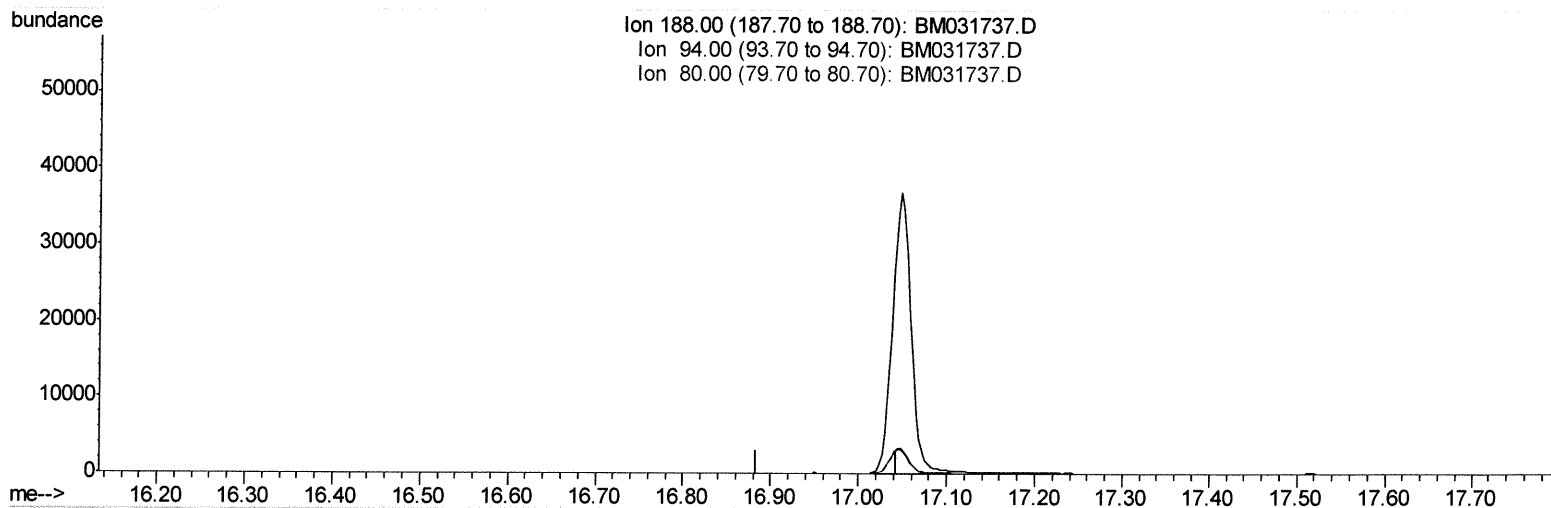
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 Acq On : 14 Aug 2021 05:34
 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(13) Phenanthrene-d10 (I)

16.964min (-16.964) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	7.80	0.00#
80.00	9.50	0.00#
0.00	0.00	0.00

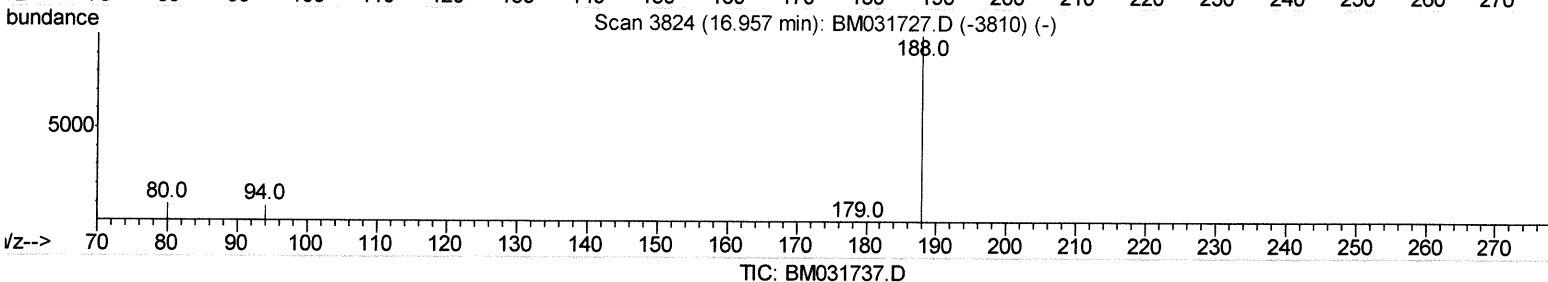
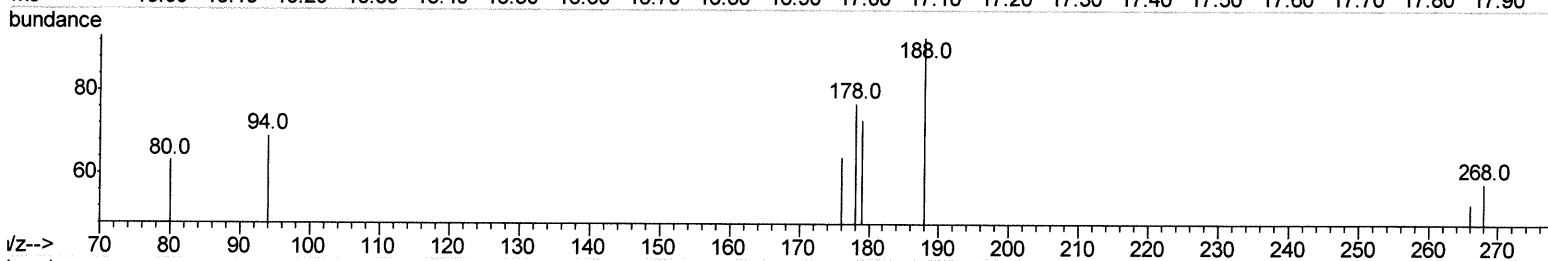
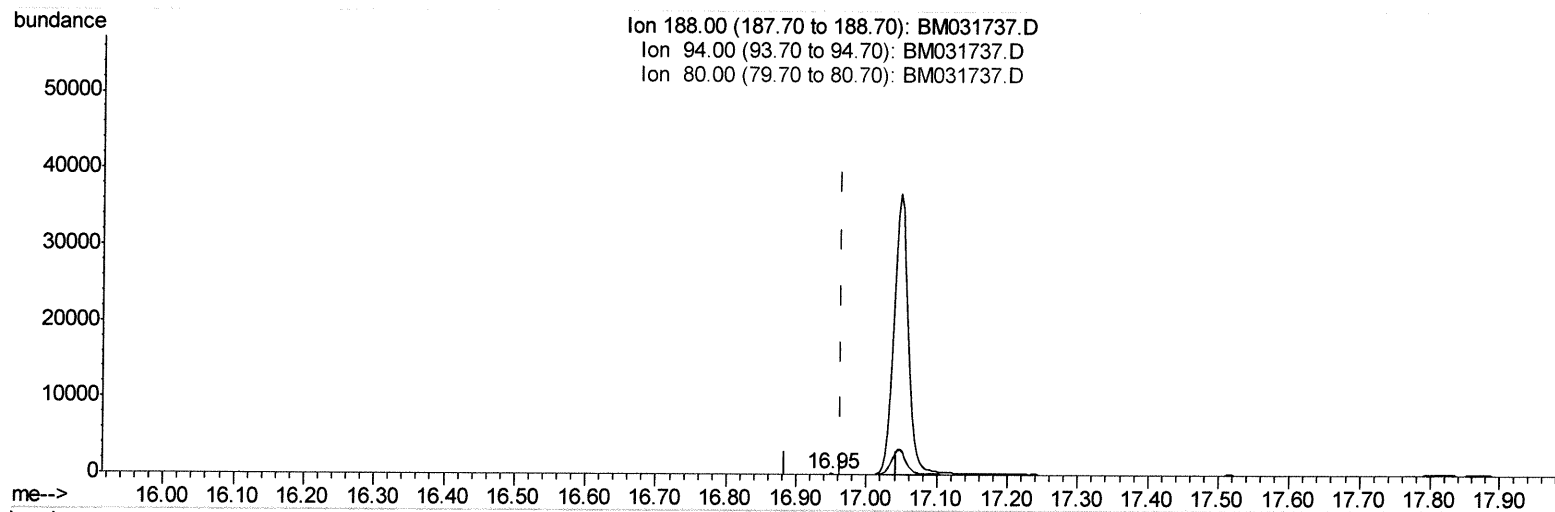
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(13) Phenanthrene-d10 (I)

16.950min (-0.014) 0.40ng/ul m

response 72

Ion	Exp%	Act%
188.00	100	100
94.00	7.80	74.19#
80.00	9.50	67.74#
0.00	0.00	0.00

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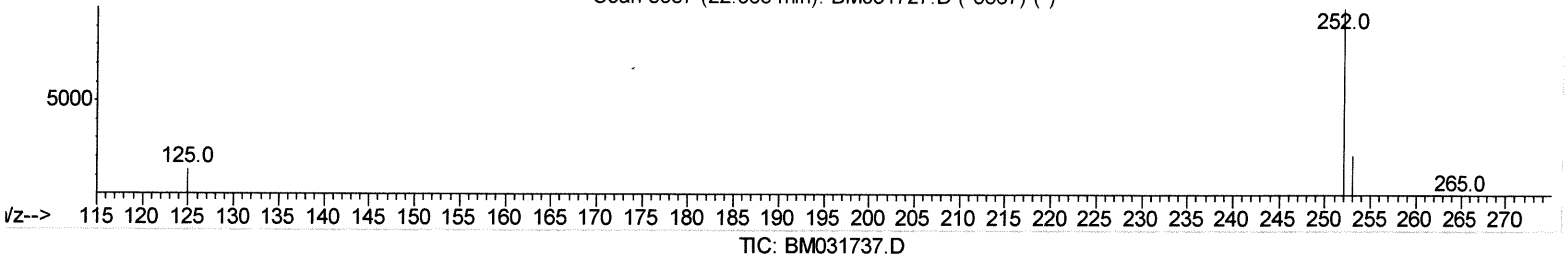
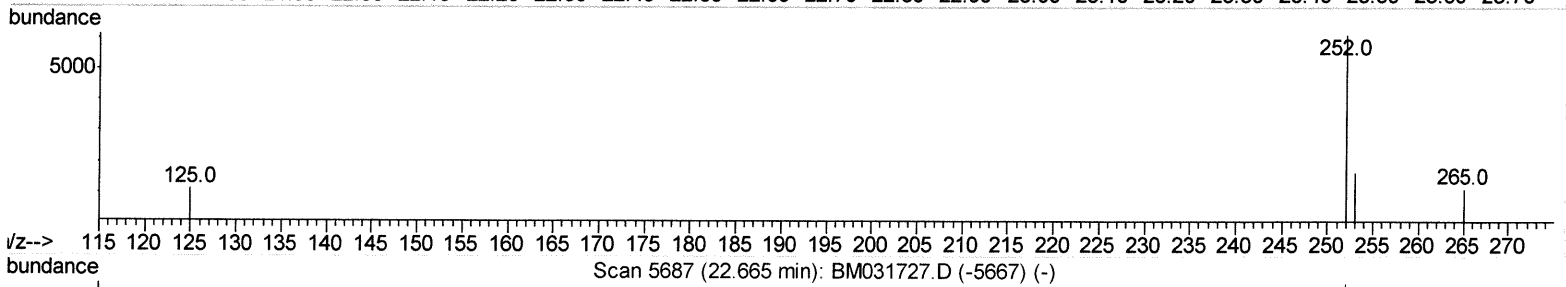
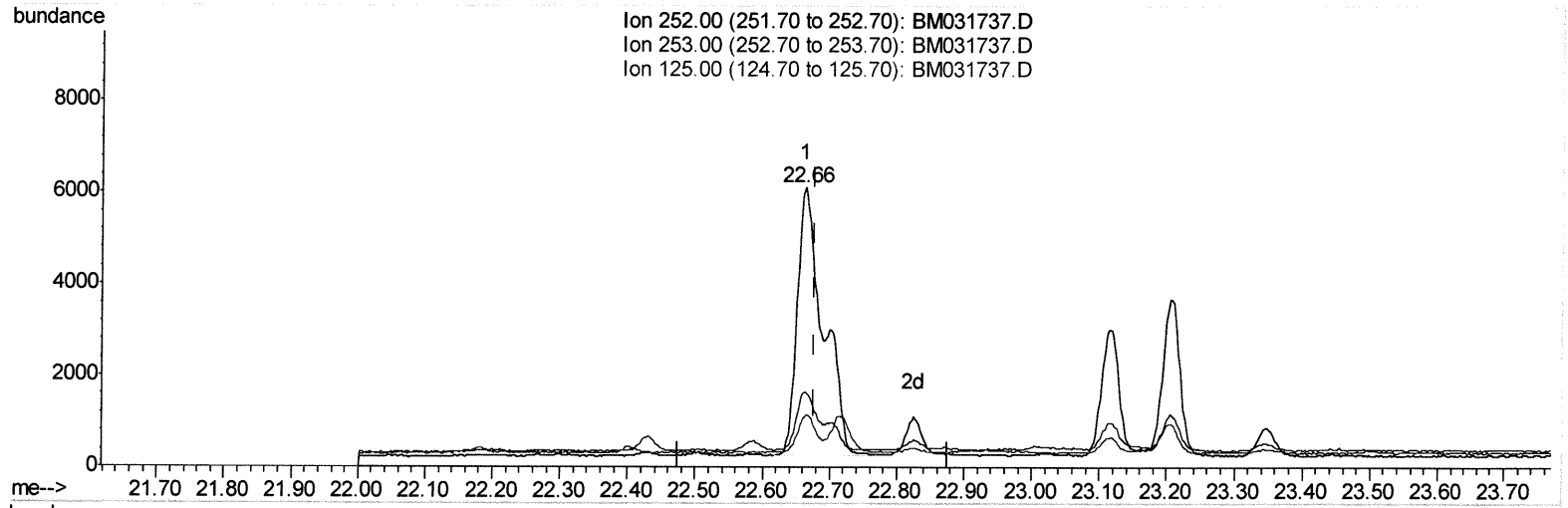
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 Data File : BM031737.D
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 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F0DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:41:04 AM

Quant Time: Aug 14 06:10:09 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 : Sat Aug 14 05:28:36 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene
 22.662min (-0.014) 706.19ng/ul
 response 15909

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.95
125.00	11.40	18.18
0.00	0.00	0.00

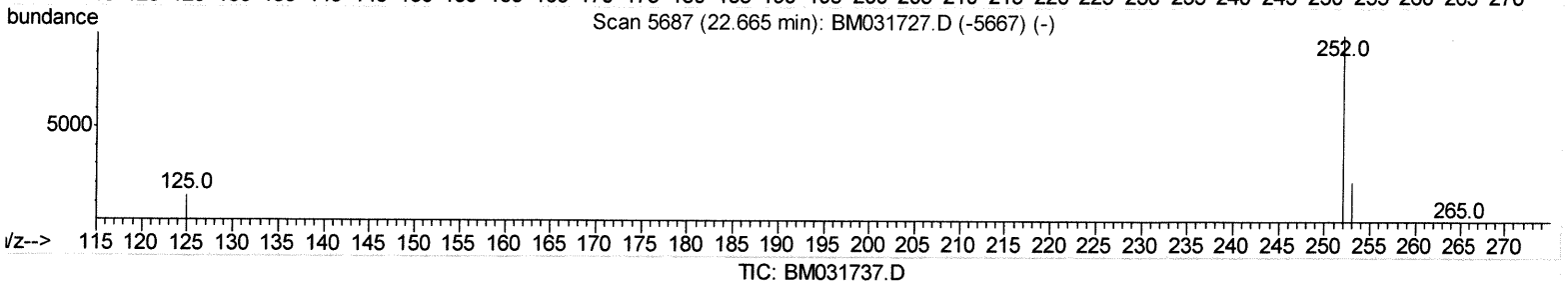
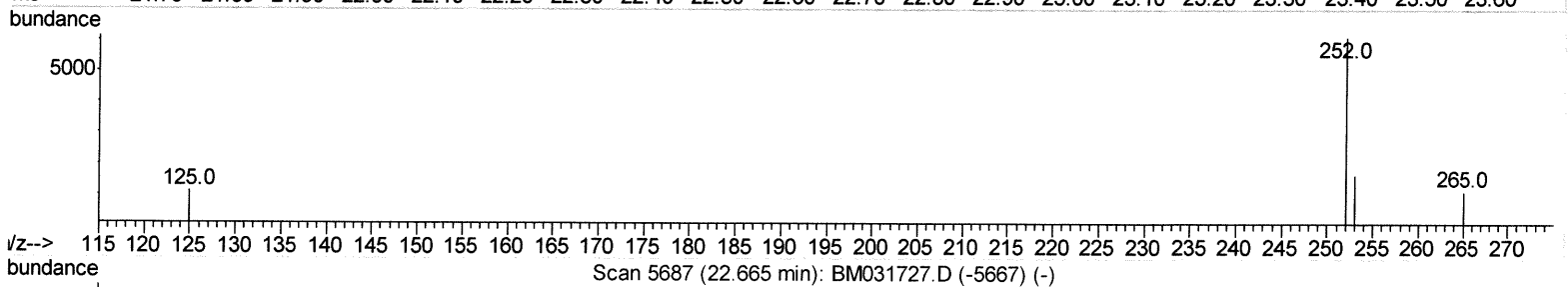
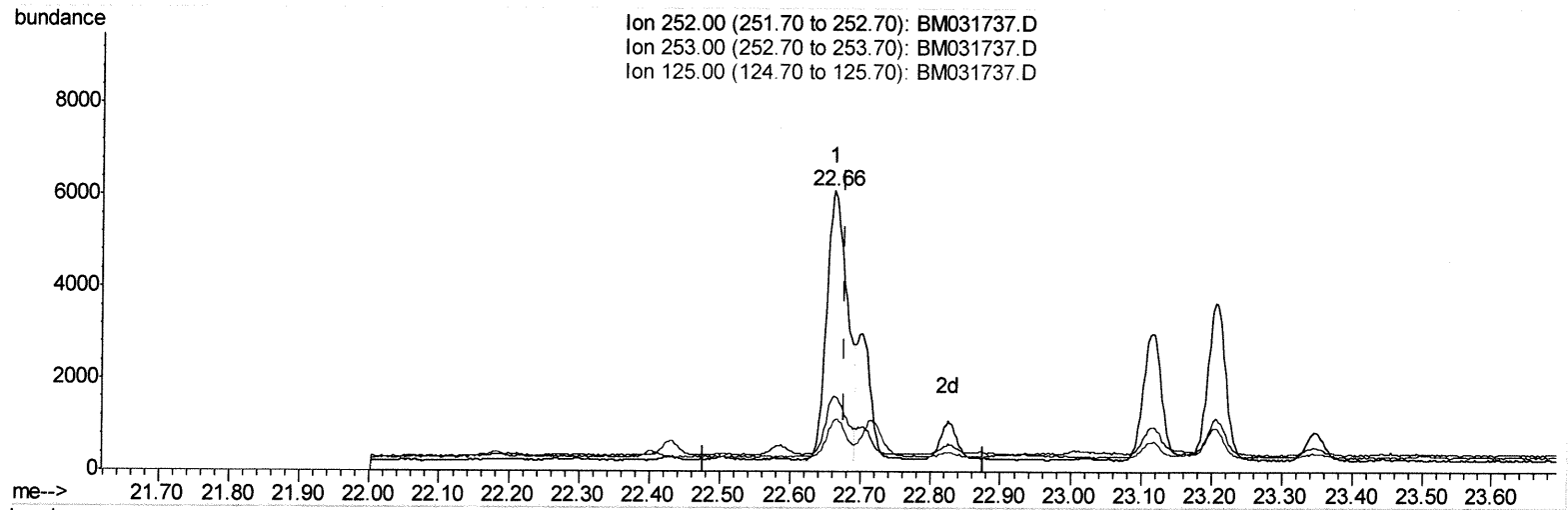
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
 Data File : BM031737.D
 Acq On : 14 Aug 2021 05:34
 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F0DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:41:04 AM

Quant Time: Aug 14 06:10:09 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 : Sat Aug 14 05:28:36 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.662min (-0.014) 537.42ng/ul m

response 12107

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.95
125.00	11.40	18.18
0.00	0.00	0.00

Handwritten signature: J48/16/21

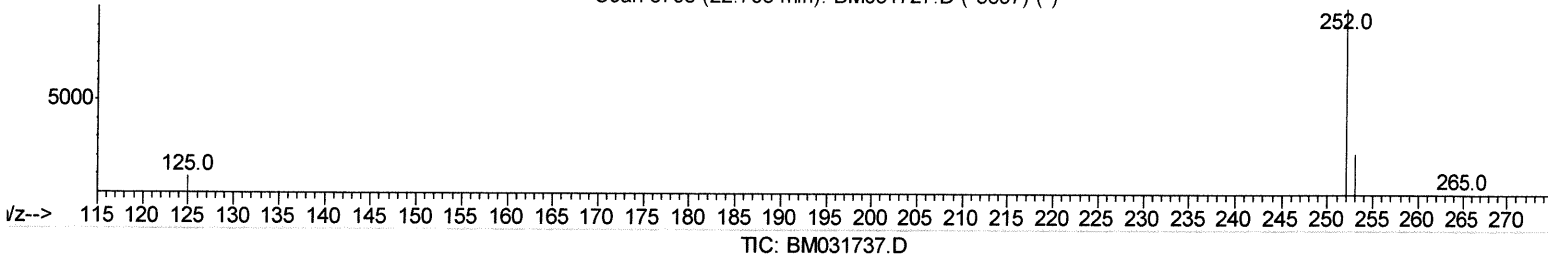
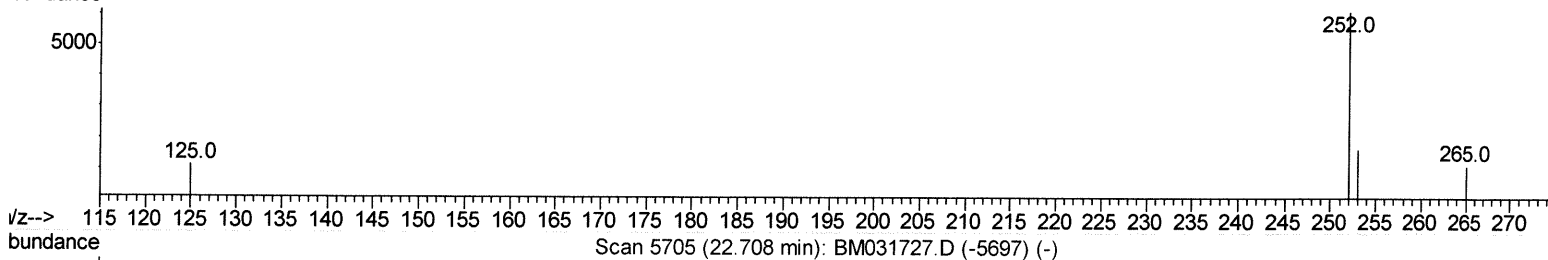
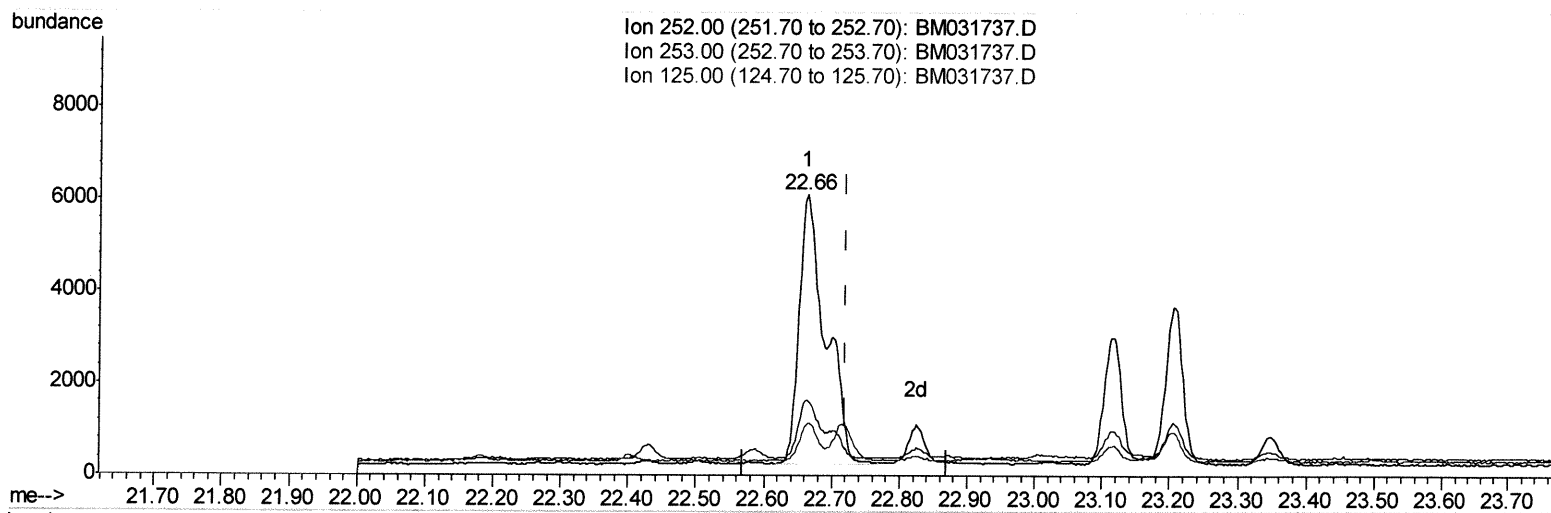
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 Data File : BM031737.D
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 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F0DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:41:04 AM

Quant Time: Aug 14 06:13:28 2021
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(25) Benzo(k)fluoranthene

22.662min (-0.058) 683.51ng/ul

response 15909

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.95
125.00	11.00	18.18#
0.00	0.00	0.00

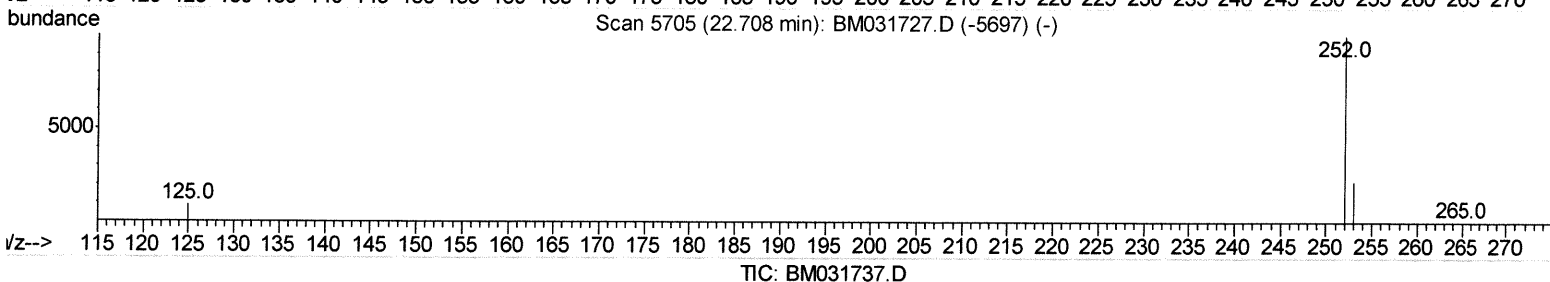
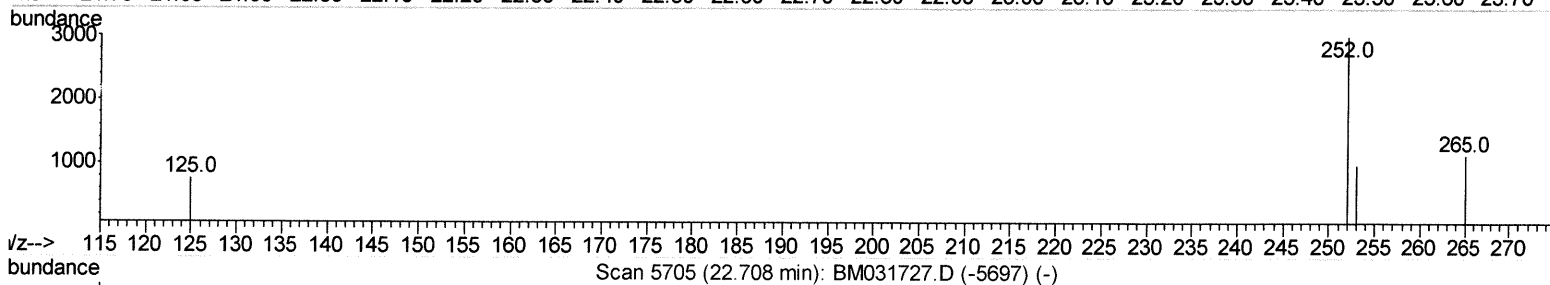
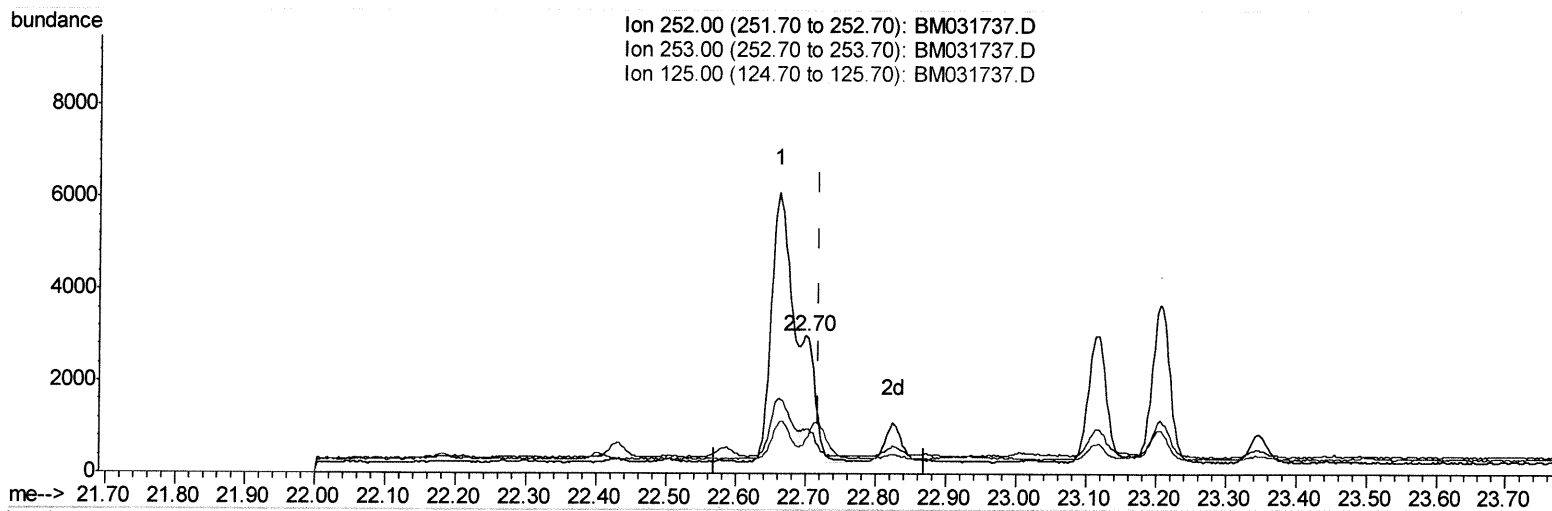
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 Data File : BM031737.D
 Acq On : 14 Aug 2021 05:34
 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F0DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:41:04 AM

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(25) Benzo(k)fluoranthene

22.701min (-0.019) 166.66ng/ul m

response 3879

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	32.81#
125.00	11.00	25.08#
0.00	0.00	0.00

JU 8/16/21

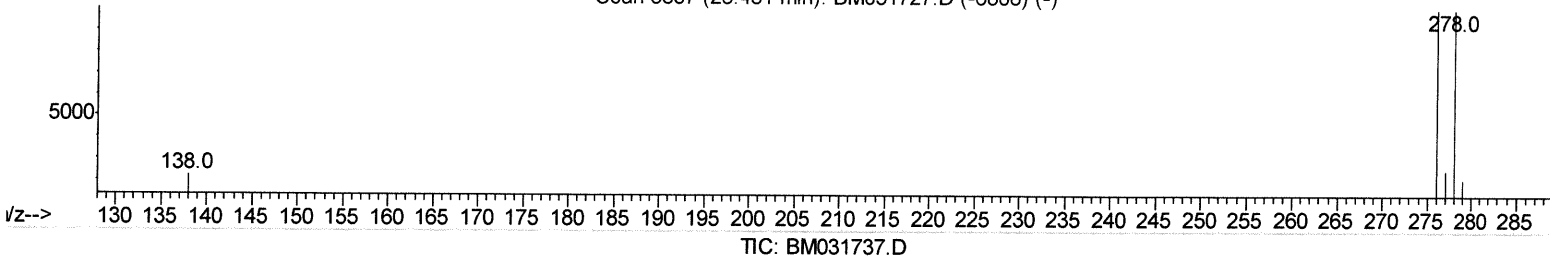
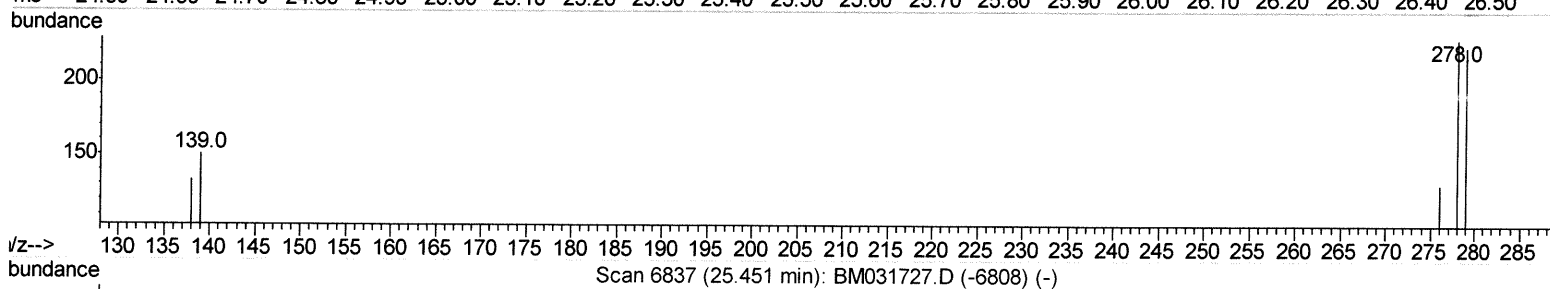
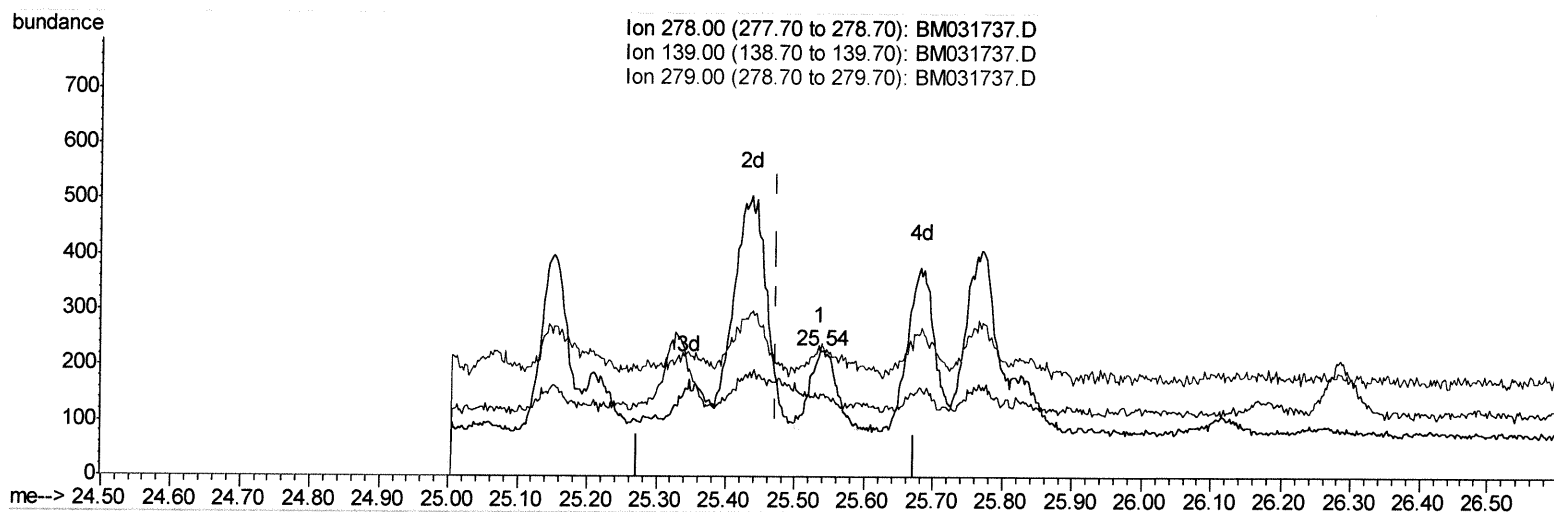
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(28) Dibenzo(a,h)anthracene

25.536min (+0.063) 18.73ng/ul

response 385

Ion	Exp%	Act%
278.00	100	100
139.00	16.60	65.79#
279.00	28.50	97.81#
0.00	0.00	0.00

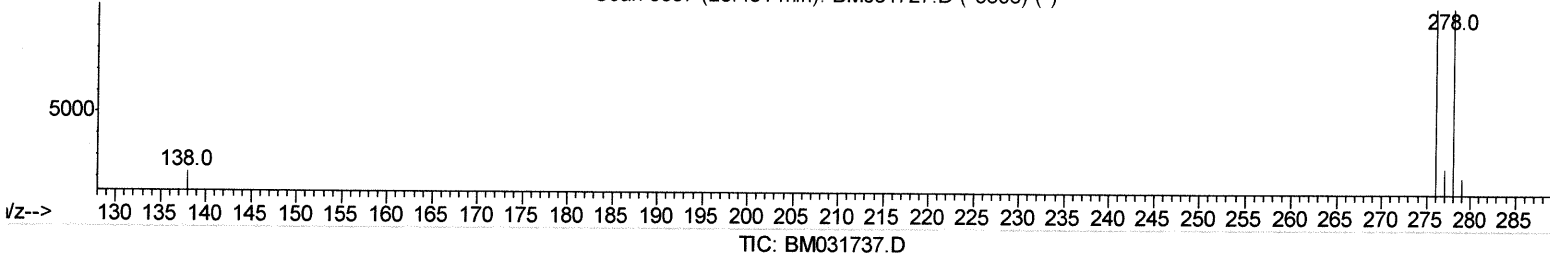
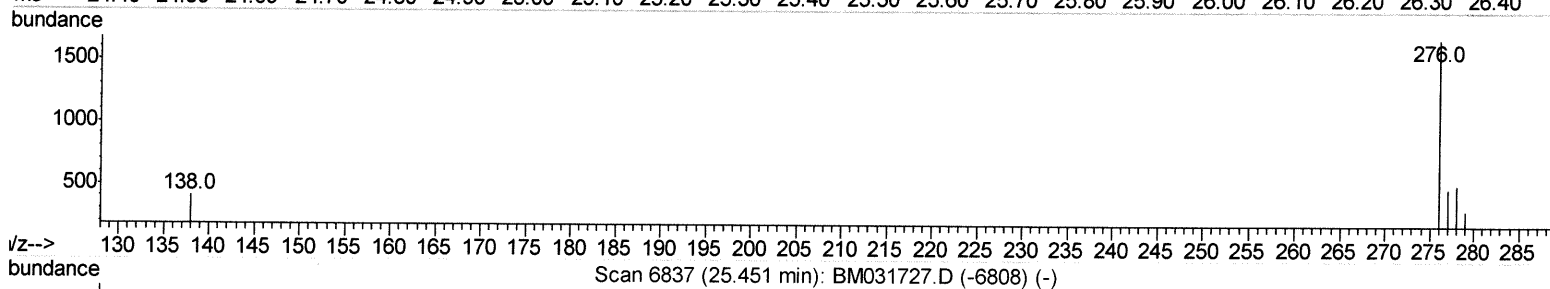
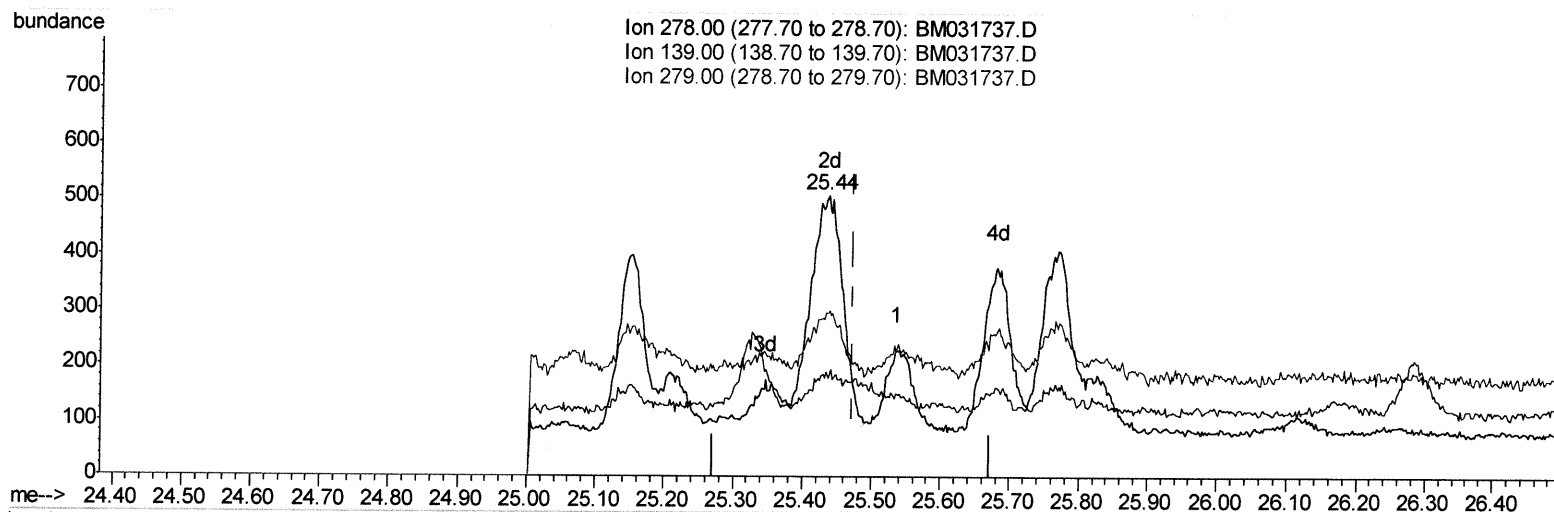
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(28) Dibenzo(a,h)anthracene

25.436min (-0.036) 65.63ng/ul m

response 1349

Ion	Exp%	Act%
278.00	100	100
139.00	16.60	35.04#
279.00	28.50	58.27#
0.00	0.00	0.00

JU 8/16/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1012	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.32	136	1457	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	87	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.95	188	72m	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	110	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.18	96	1046	0.93	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	356	0.14	ng/ul	-0.01
18) Fluoranthene-d10	18.98	212	710	1.93	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.37	128	3419	0.788	ng/ul	96
7) 2-Methylnaphthalene	12.00	142	2512	0.847	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	1357	0.463	ng/ul	99
10) Acenaphthylene	13.92	152	1078	2.909	ng/ul#	87
11) Acenaphthene	14.26	153	169m	0.542	ng/ul	74
12) Fluorene	15.25	166	191	0.532	ng/ul#	74
15) Phenanthrene	16.99	178	9065	39.649	ng/ul	99
16) Anthracene	17.08	178	1173	5.480	ng/ul#	89
19) Fluoranthene	19.01	202	15393	32.771	ng/ul	97
20) Pyrene	19.38	202	13085	27.466	ng/ul	97
21) Benzo(a)anthracene	21.13	228	7965	17.932	ng/ul	95
22) Chrysene	21.18	228	10913	23.746	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	12107m	537.424	ng/ul	97
25) Benzo(k)fluoranthene	22.70	252	3879m	166.656	ng/ul	88
26) Benzo(a)pyrene	23.21	252	6103	309.343	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.43	276	4711	184.719	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.44	278	1349m	65.634	ng/ul	66
29) Benzo(g,h,i)perylene	26.08	276	1013	46.562	ng/ul#	66

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