

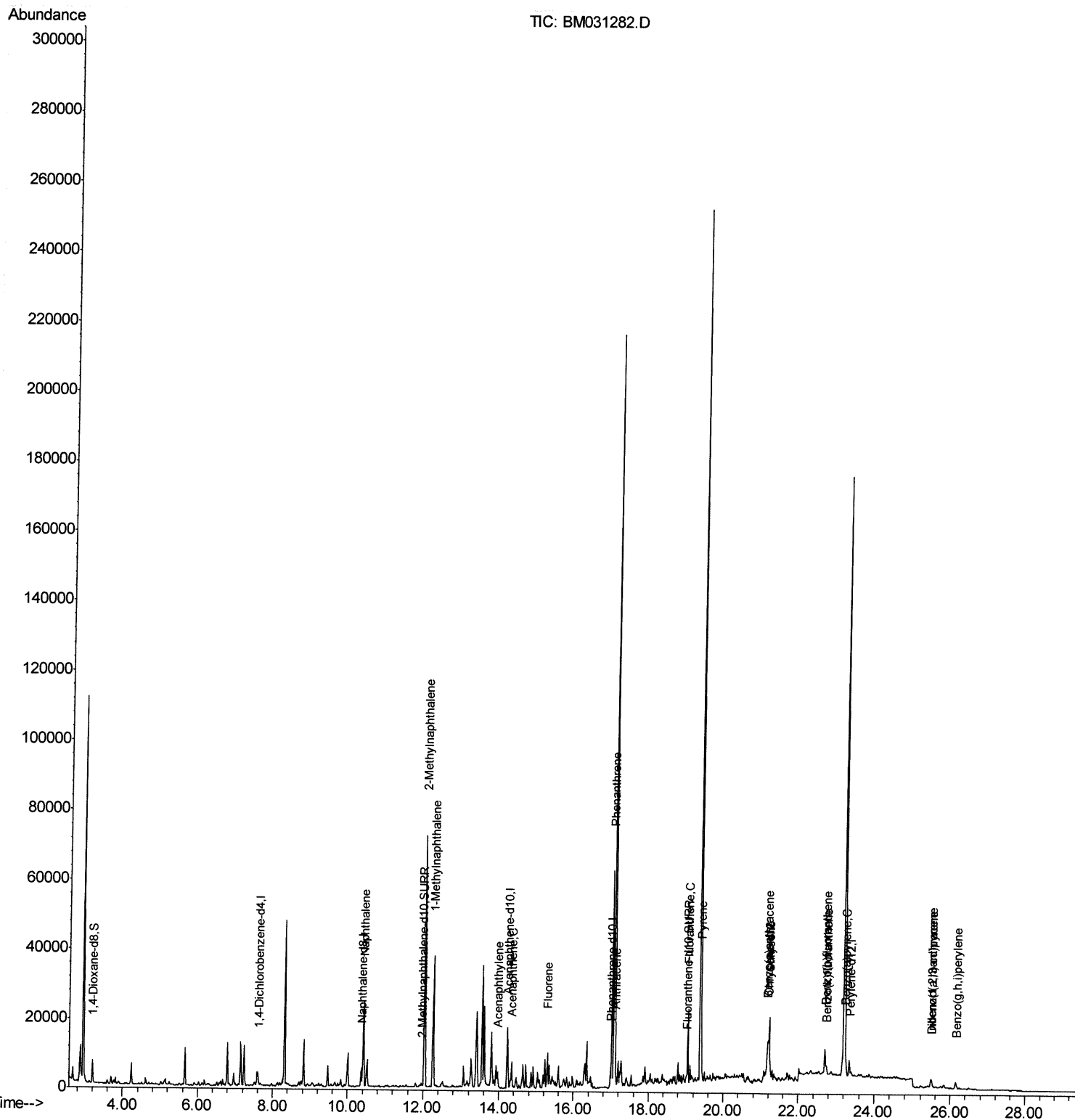
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031282.D
Acq On : 30 Jul 2021 17:28
Operator : CG/JU
Sample : M3084-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0027

Quant Time: Jul 30 18:01:37 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 : Fri Jul 30 14:17:26 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:12 PM



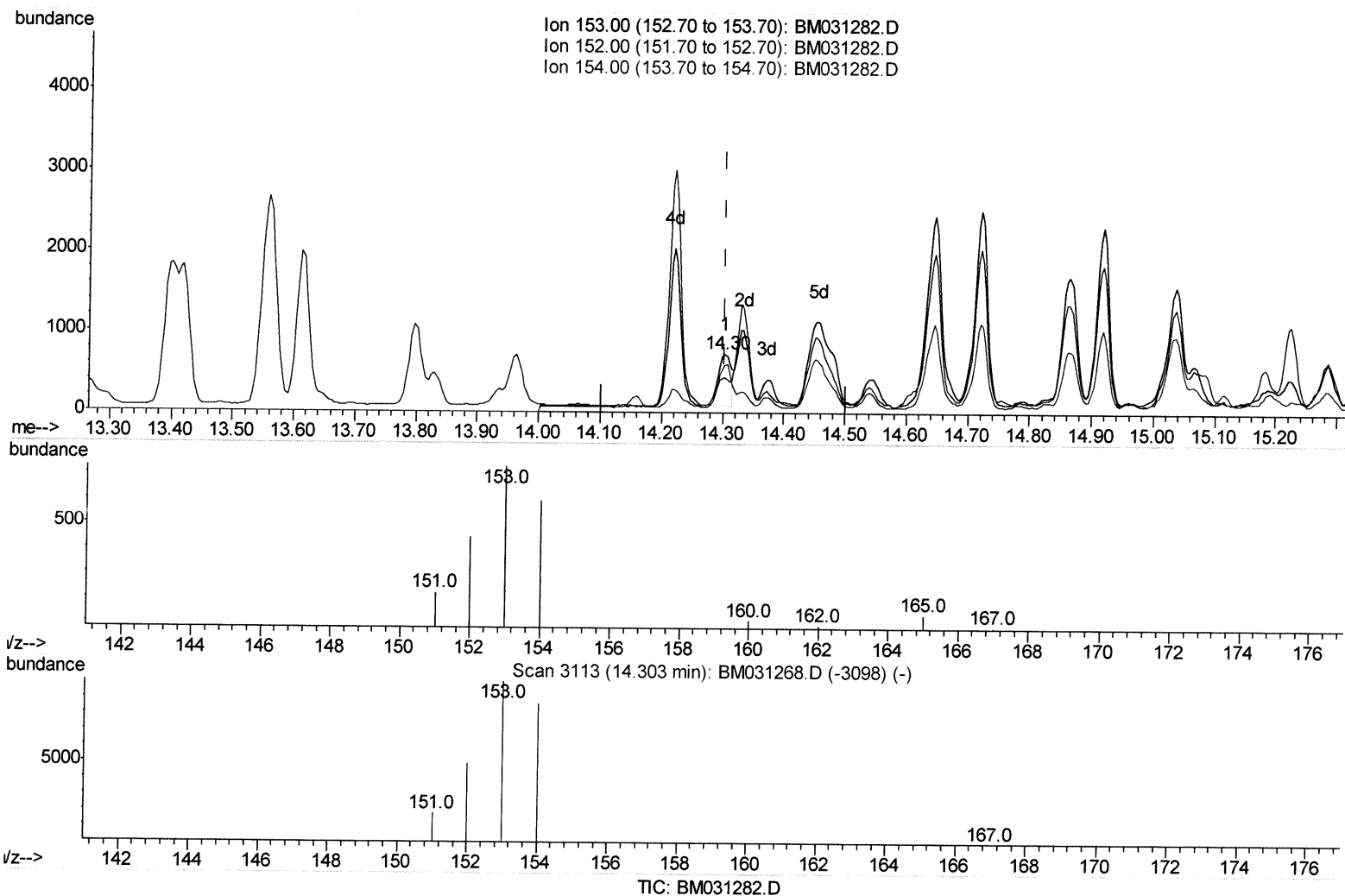
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Quant Time: Jul 30 17:59:02 2021
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(11) Acenaphthene (C)

14.303min (+0.000) 0.06ng/ul

response 940

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	60.80
154.00	87.70	81.02
0.00	0.00	0.00

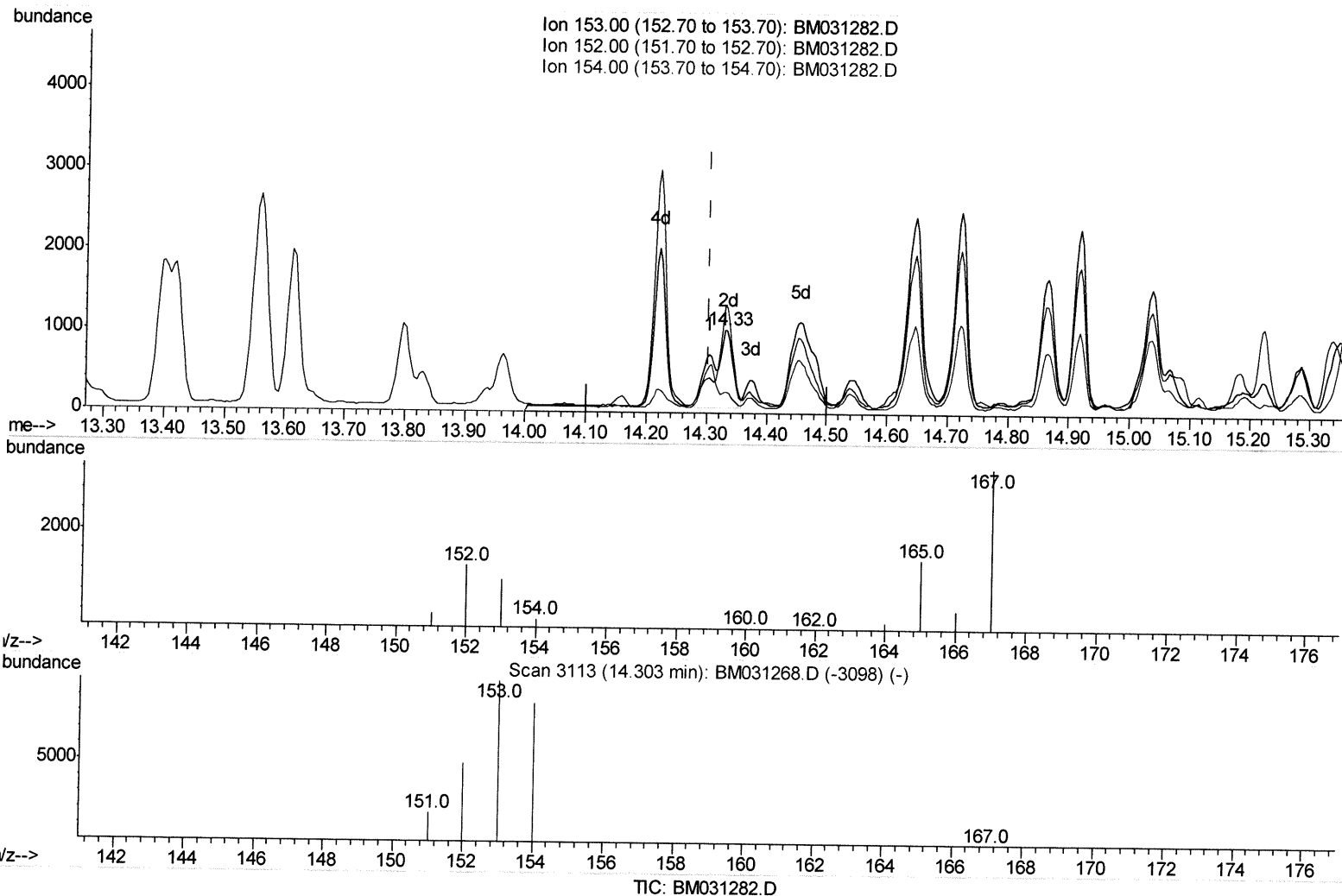
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Instrument :
 BNA_M
 ClientSampled :
 C0027

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(11) Acenaphthene (C)

14.334min (+0.031) 0.15ng/ul m

response 2361

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	127.57#
154.00	87.70	25.15#
0.00	0.00	0.00

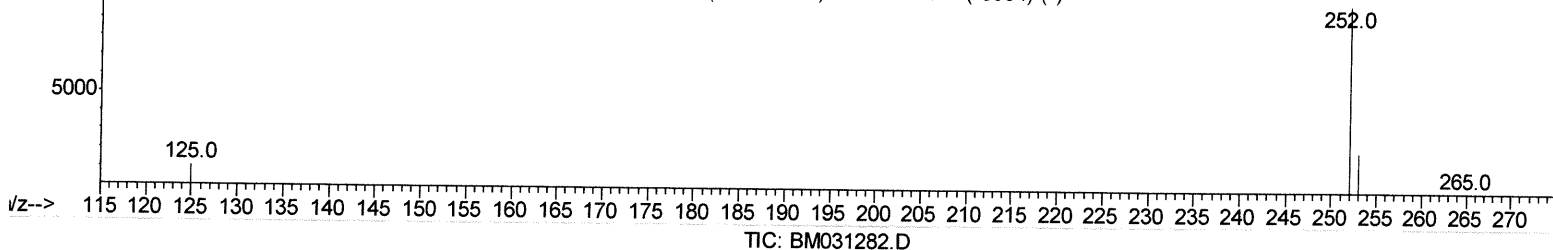
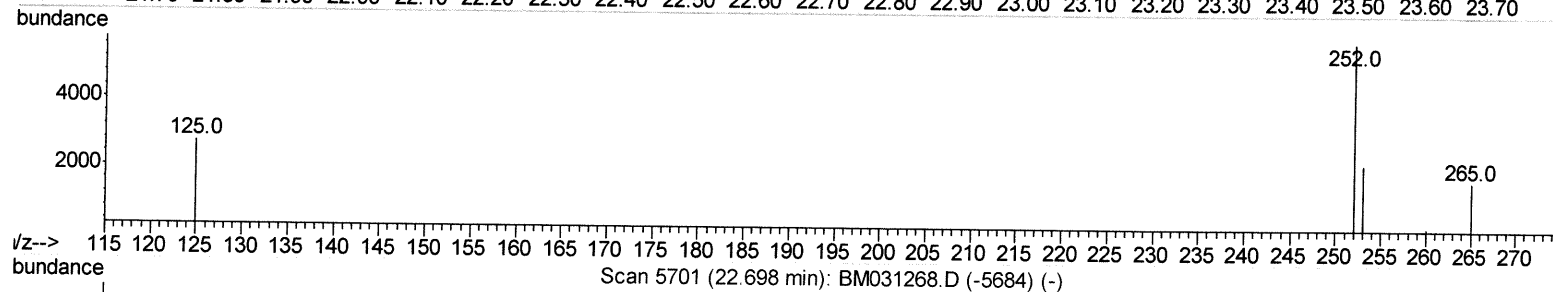
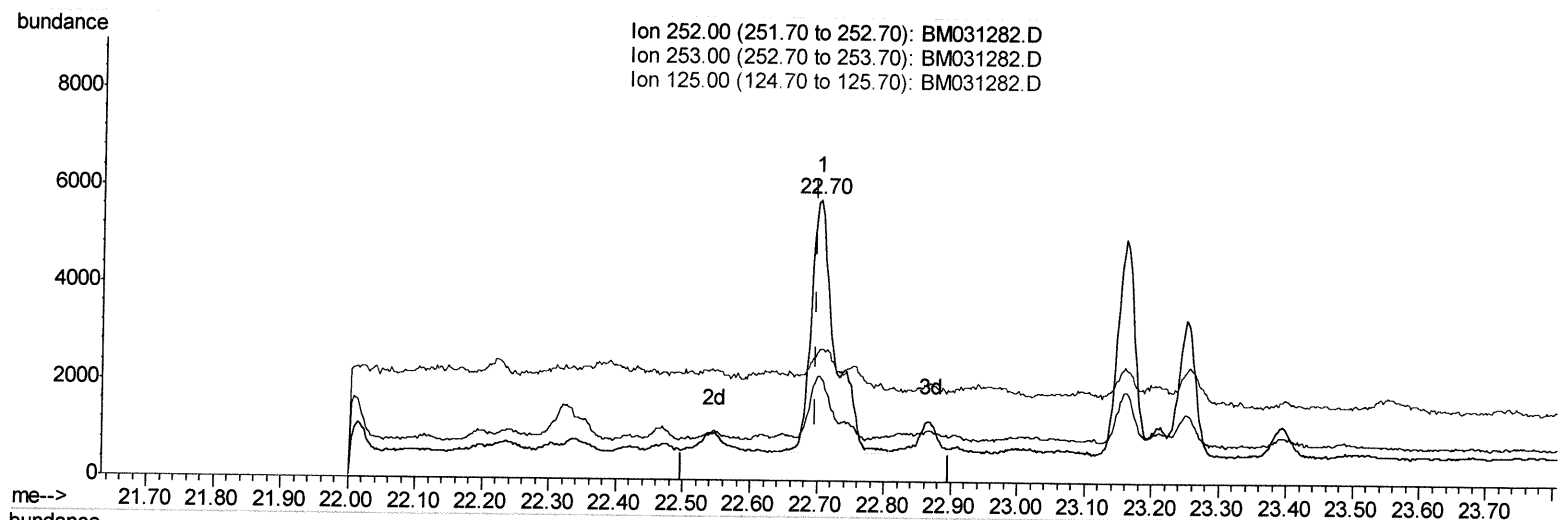
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 Acq On : 30 Jul 2021 17:28
 Operator : CG/JU
 Sample : M3084-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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(24) Benzo(b)fluoranthene

22.704min (+0.005) 0.53ng/ul

response 13104

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	37.51
125.00	11.40	46.75#
0.00	0.00	0.00

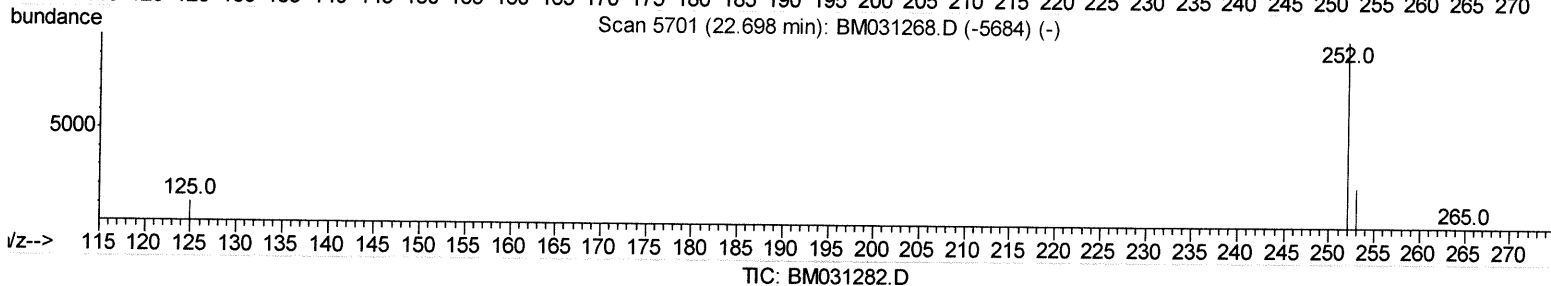
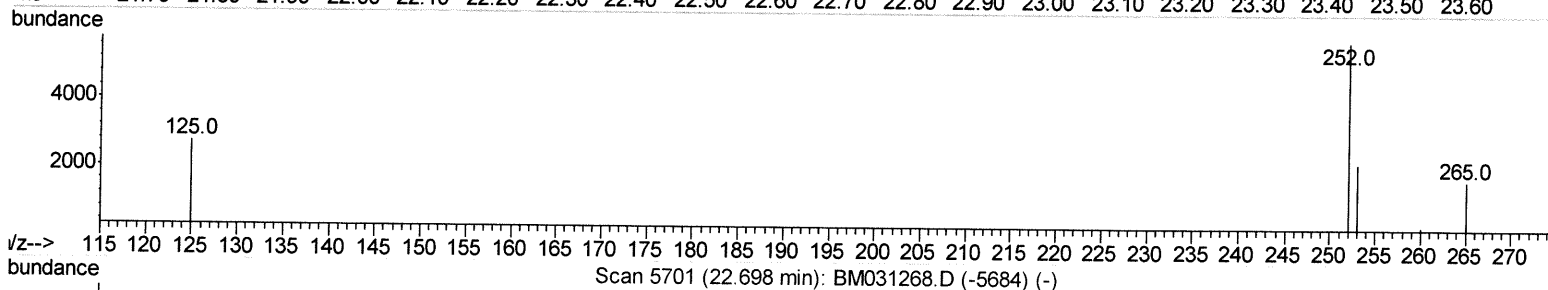
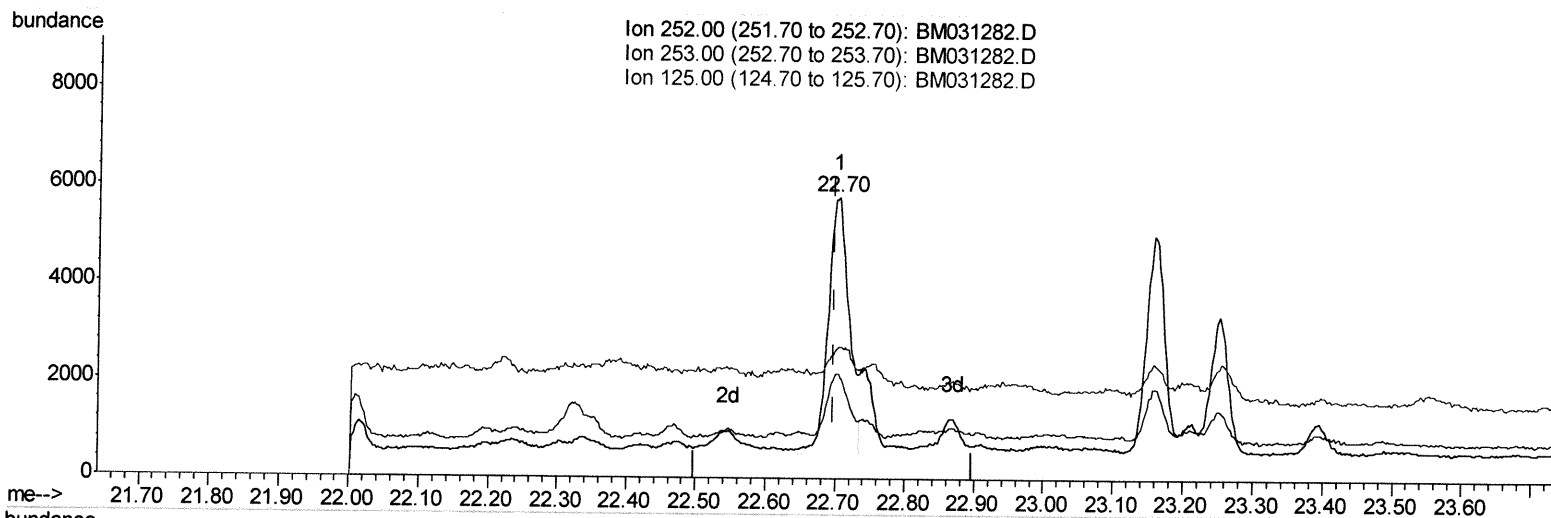
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 Sample : M3084-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(24) Benzo(b)fluoranthene

22.704min (+0.005) 0.45ng/ul m

JU 8/3/21

response 11039

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	37.51
125.00	11.40	46.75#
0.00	0.00	0.00

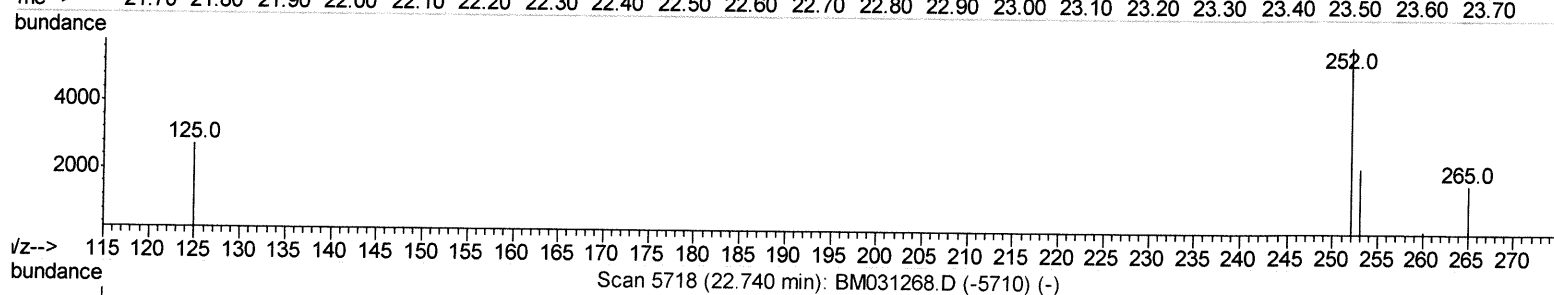
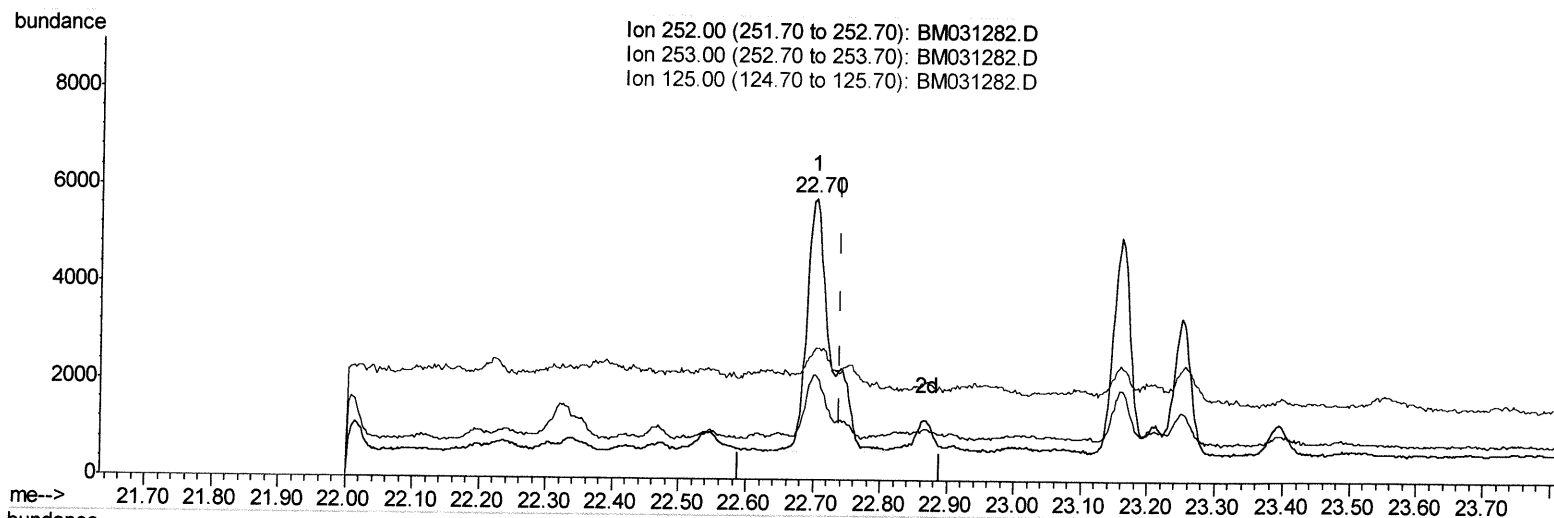
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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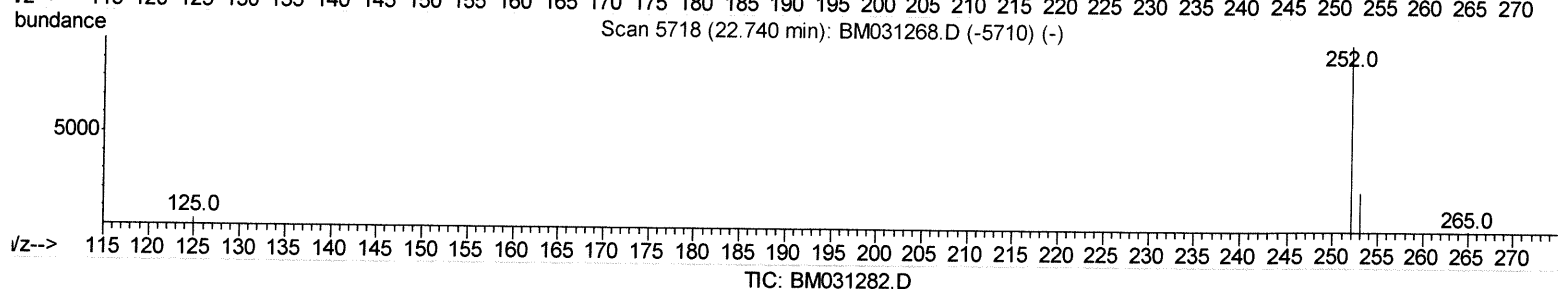
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Scan 5718 (22.740 min): BM031268.D (-5710) (-)



TIC: BM031282.D

(25) Benzo(k)fluoranthene

22.704min (-0.036) 0.51ng/ul

response 13104

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.51#
125.00	11.00	46.75#
0.00	0.00	0.00

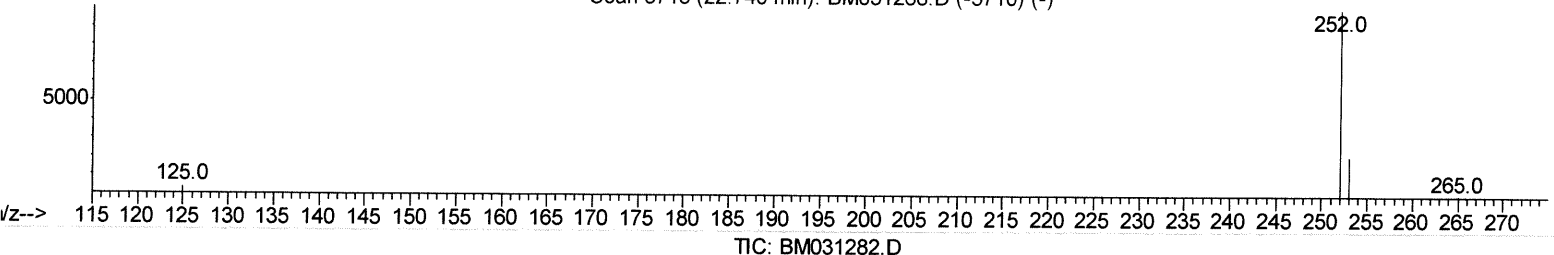
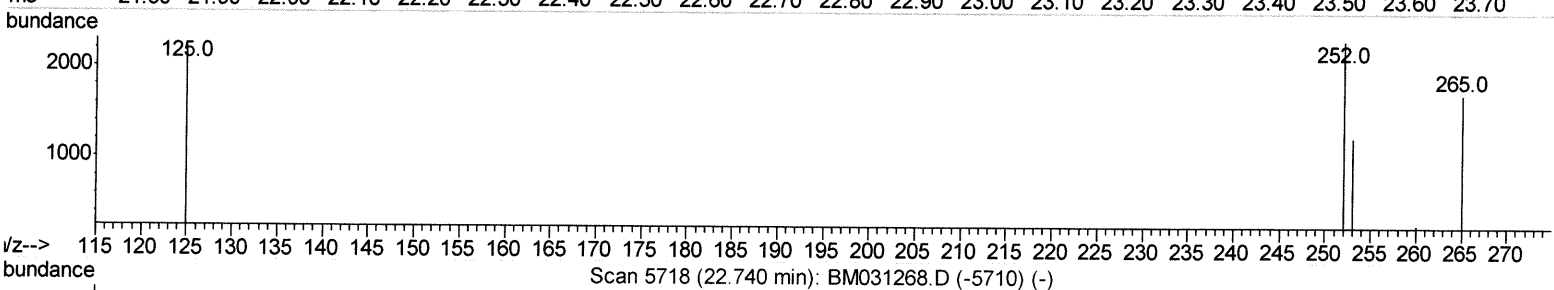
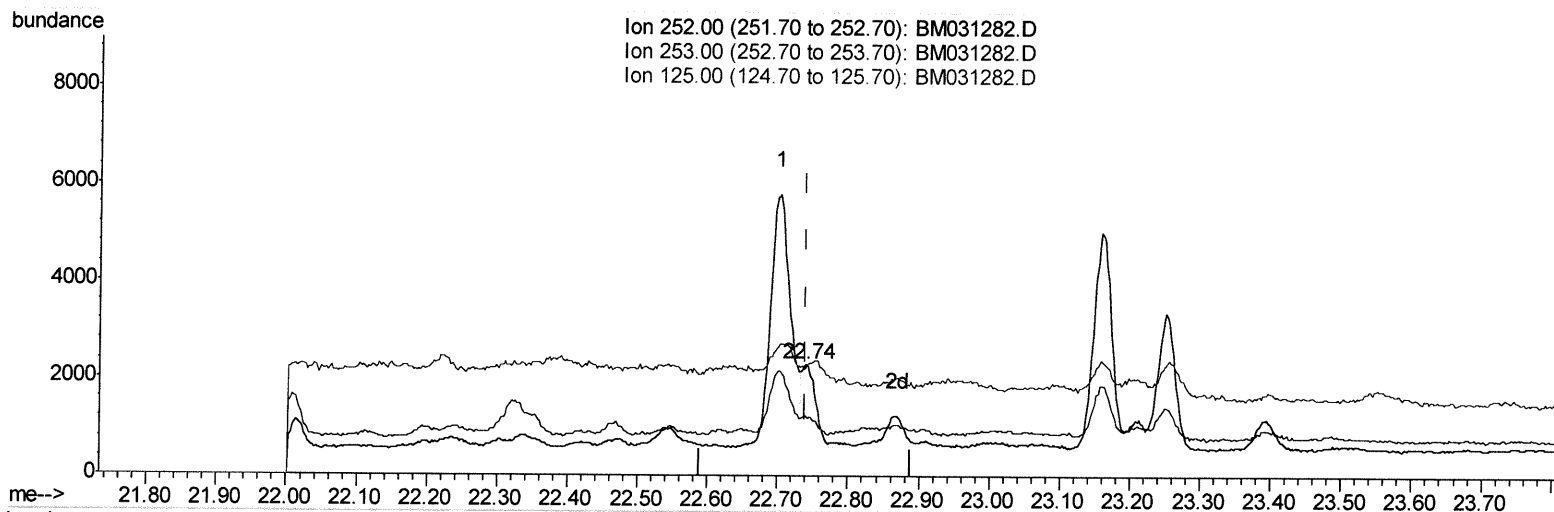
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031282.D
 Acq On : 30 Jul 2021 17:28
 Operator : CG/JU
 Sample : M3084-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0027

Manual Integrations
 APPROVED

mohammad
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(25) Benzo(k)fluoranthene

22.740min (+0.000) 0.09ng/ul m

Jul 8/2/21

response 2421

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	53.55#
125.00	11.00	96.21#
0.00	0.00	0.00

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 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1689	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6342	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4253	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7364	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	5594	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	5489	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4181	2.23	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1535	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3061	0.16	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.42	128	29083	1.539	ng/ul	98
7) 2-Methylnaphthalene	12.04	142	49114	3.805	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	25525	2.002	ng/ul	100
10) Acenaphthylene	13.96	152	1214	0.067	ng/ul#	70
11) Acenaphthene	14.33	153	2361m	0.155	ng/ul	74 8/2/21
12) Fluorene	15.29	166	4790	0.273	ng/ul#	81
15) Phenanthrene	17.03	178	63275	2.706	ng/ul	98
16) Anthracene	17.12	178	3381	0.154	ng/ul#	86
19) Fluoranthene	19.05	202	18377	0.769	ng/ul#	92
20) Pyrene	19.41	202	16247	0.671	ng/ul#	91
21) Benzo(a)anthracene	21.16	228	6889	0.305	ng/ul#	56
22) Chrysene	21.21	228	20642	0.883	ng/ul#	85
24) Benzo(b)fluoranthene	22.70	252	11039m	0.446	ng/ul	74 8/3/21
25) Benzo(k)fluoranthene	22.74	252	2421m	0.095	ng/ul	
26) Benzo(a)pyrene	23.25	252	4818	0.222	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	25.49	276	3293	0.118	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.50	278	1684	0.075	ng/ul#	1
29) Benzo(a,h,i)perylene	26.15	276	3727	0.156	ng/ul#	71

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