

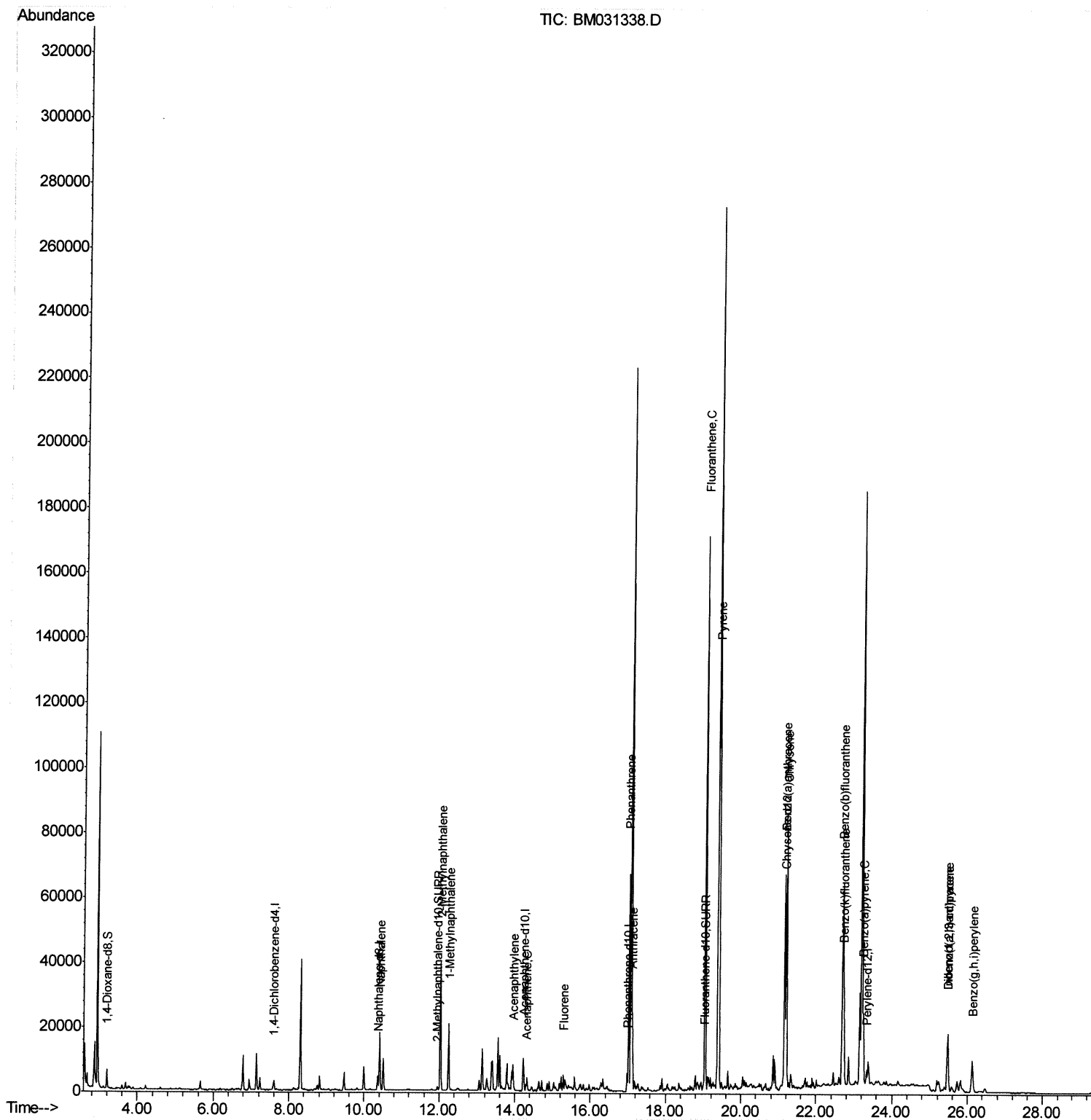
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031338.D
Acq On : 01 Aug 2021 07:41
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0046

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:58 PM

Quant Time: Aug 02 04:45:45 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



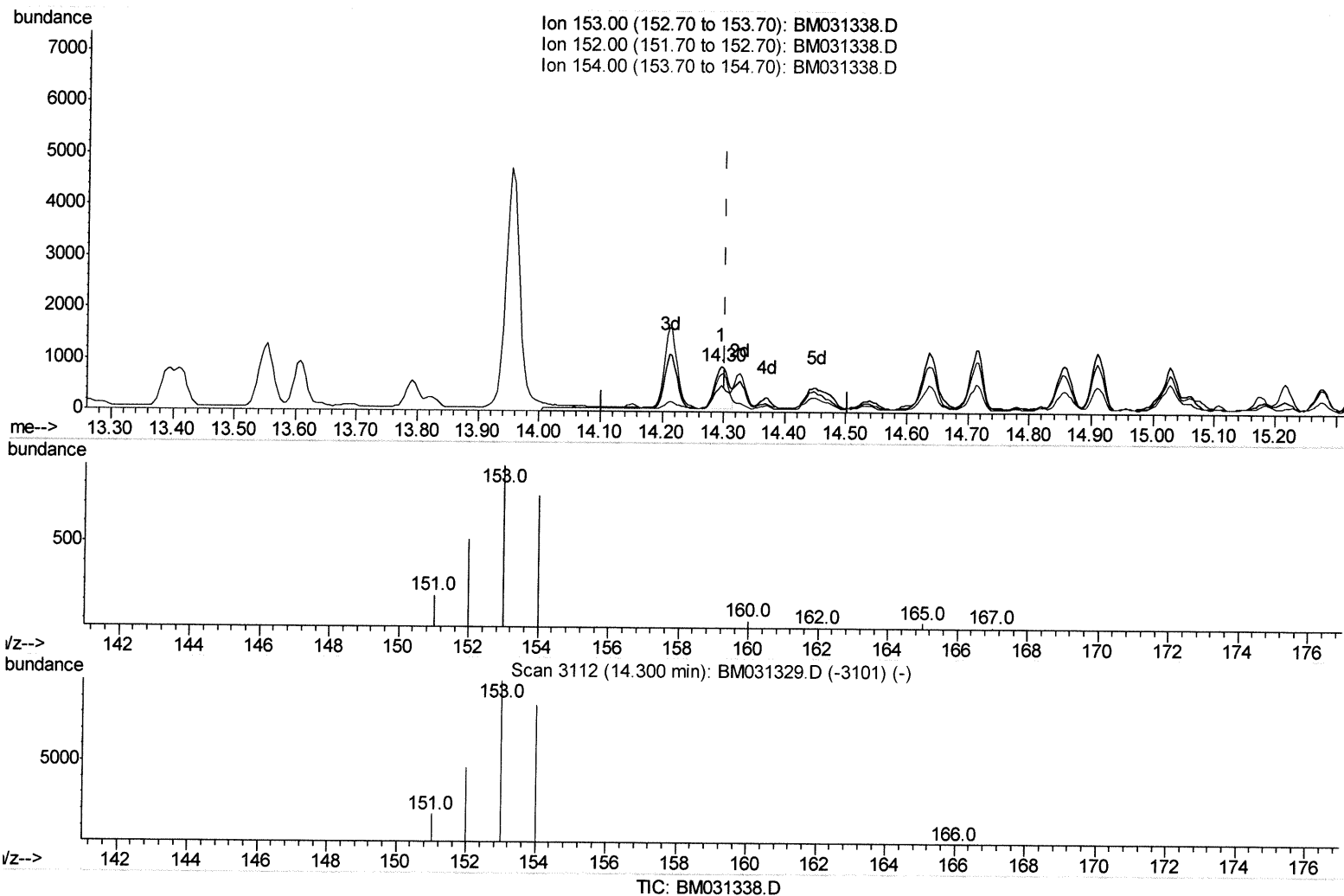
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(11) Acenaphthene (C)

14.295min (-0.008) 0.10ng/ul

response 1301

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	57.29
154.00	87.70	82.74
0.00	0.00	0.00

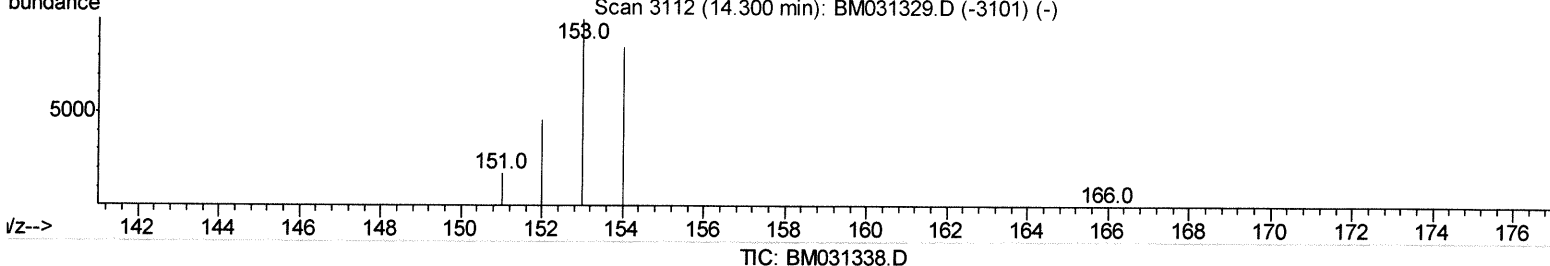
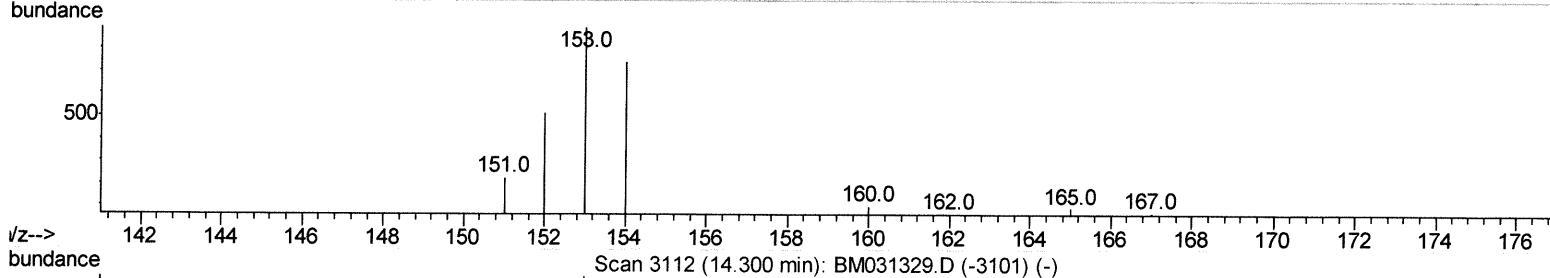
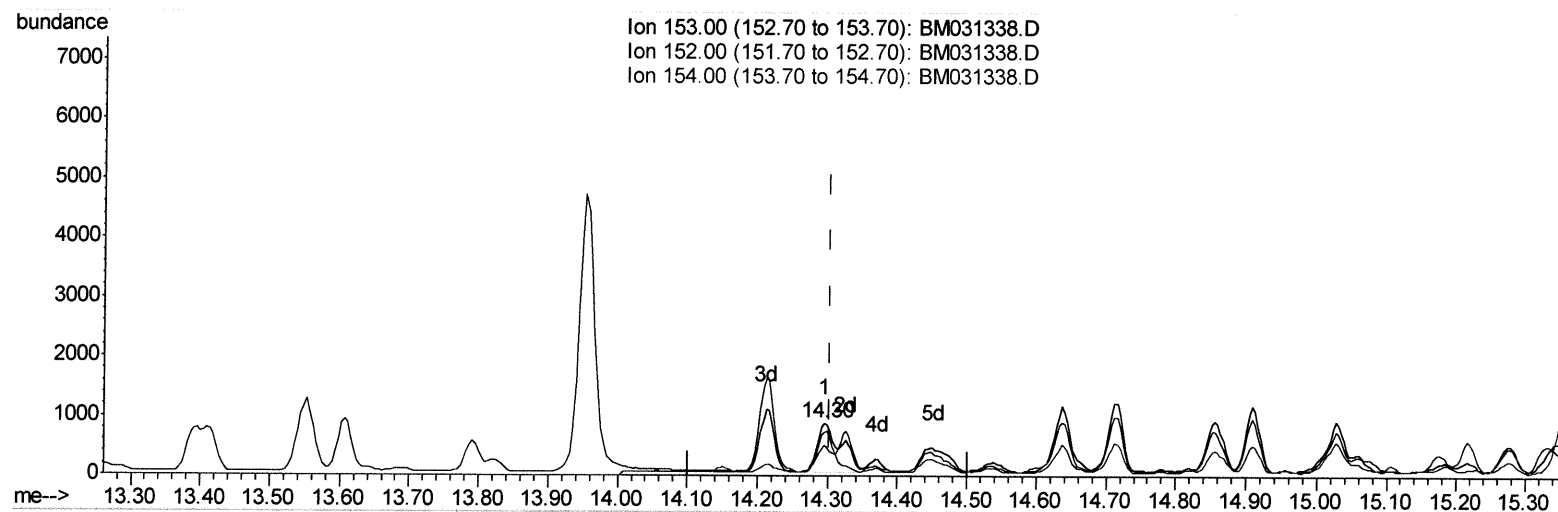
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(11) Acenaphthene (C)

14.295min (-0.008) 0.15ng/ul m

response 1966

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	57.29
154.00	87.70	82.74
0.00	0.00	0.00

Handwritten signature/initials

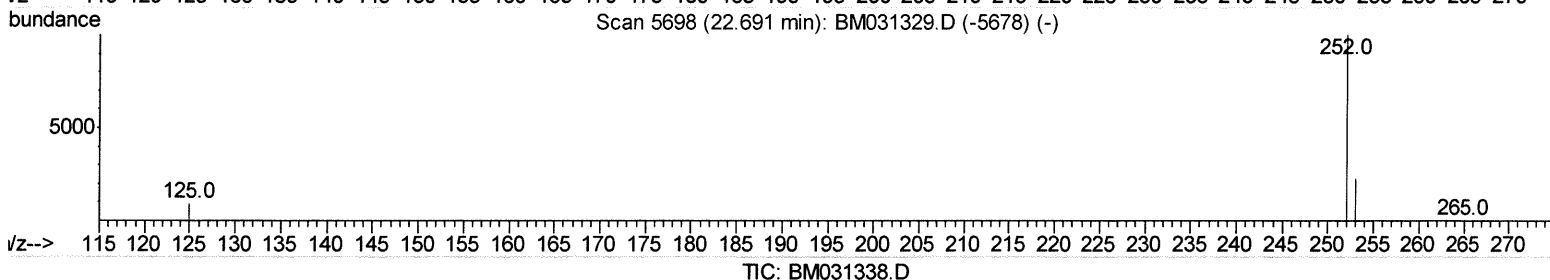
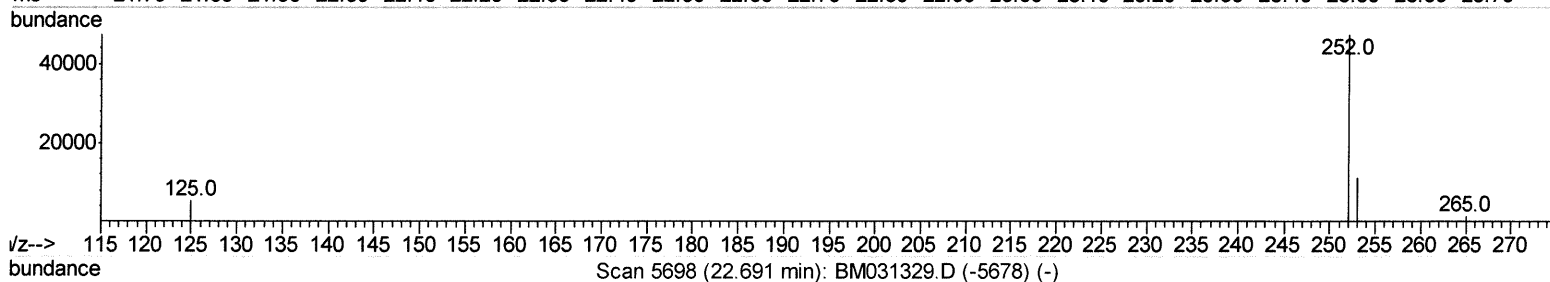
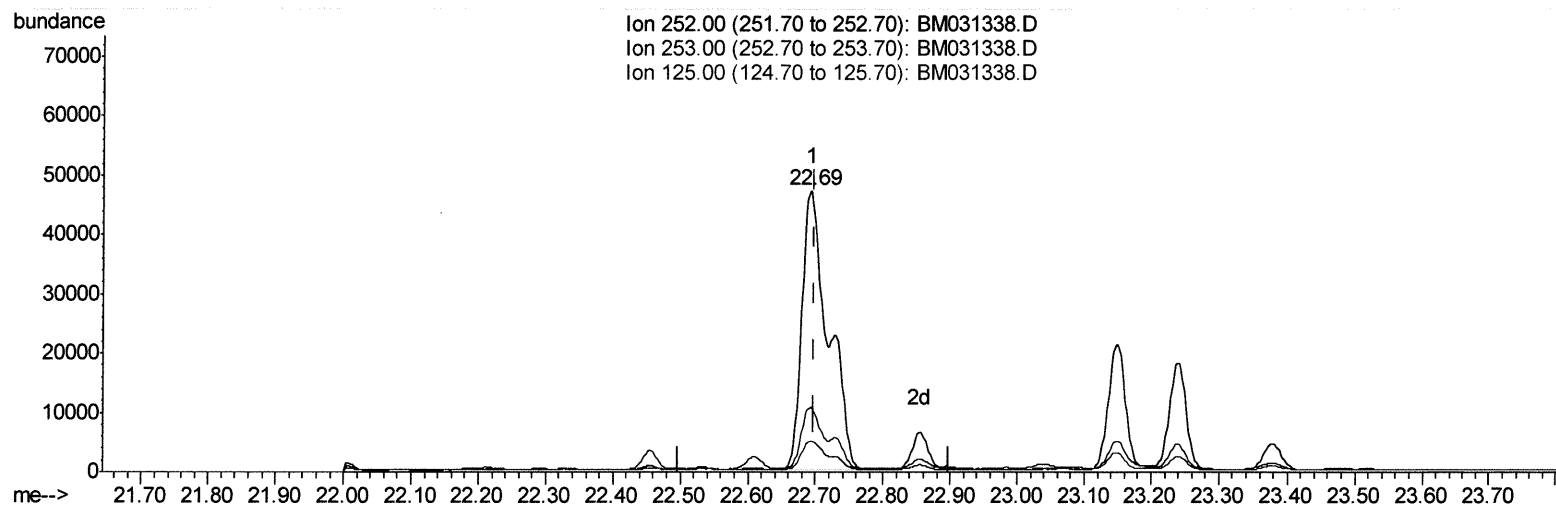
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
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(24) Benzo(b)fluoranthene

22.694min (-0.005) 5.52ng/ul

response 127373

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.19
125.00	11.40	10.94
0.00	0.00	0.00

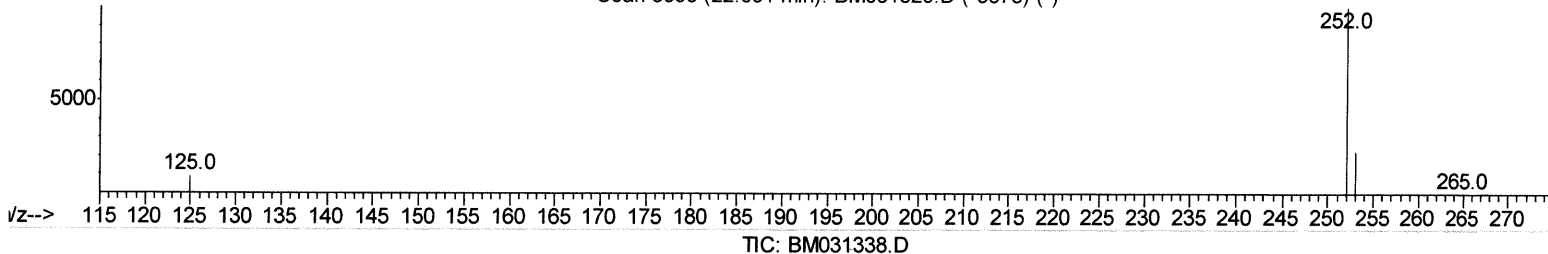
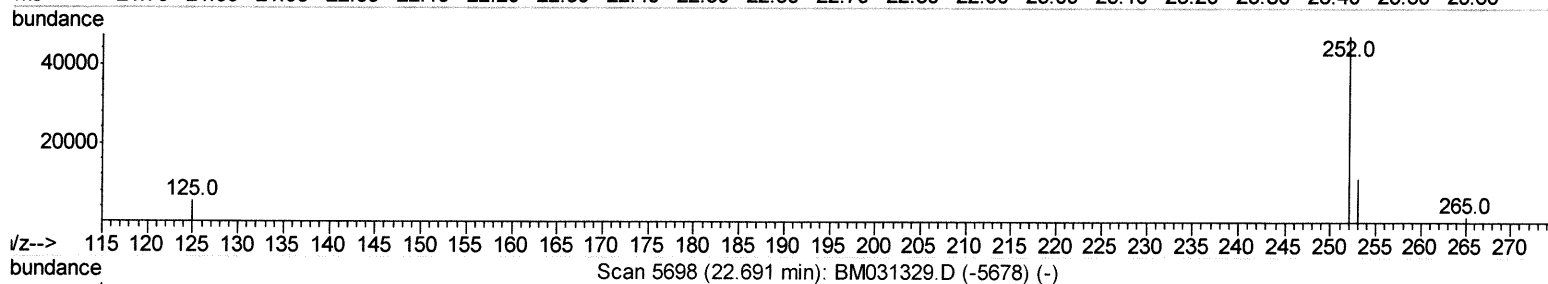
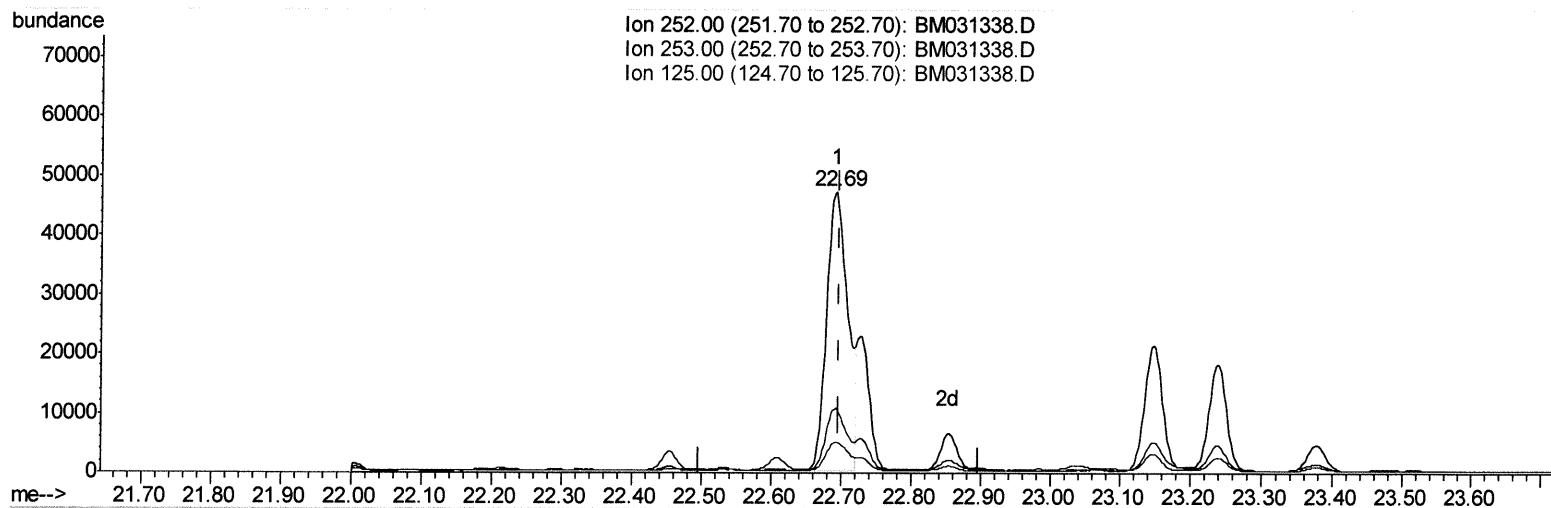
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Manual Integrations
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(24) Benzo(b)fluoranthene

22.694min (-0.005) 4.25ng/ul m

response 98080

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.19
125.00	11.40	10.94
0.00	0.00	0.00

Handwritten signature/initials

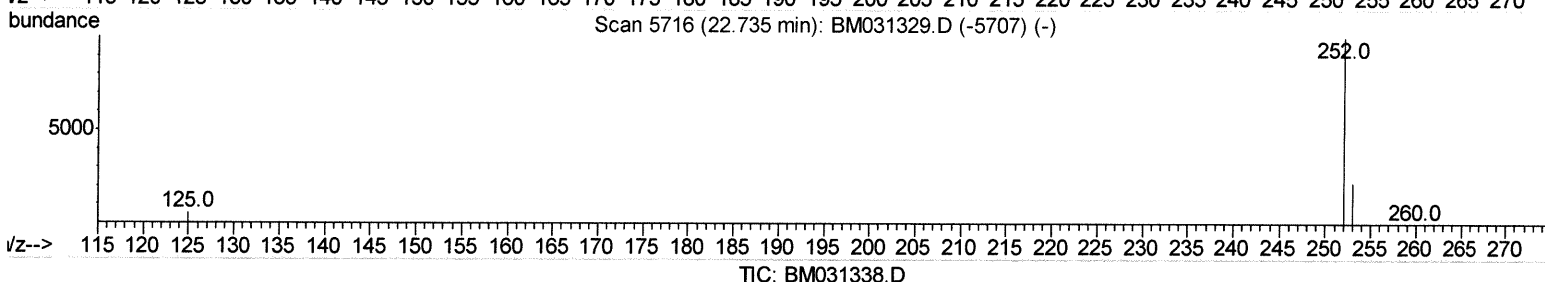
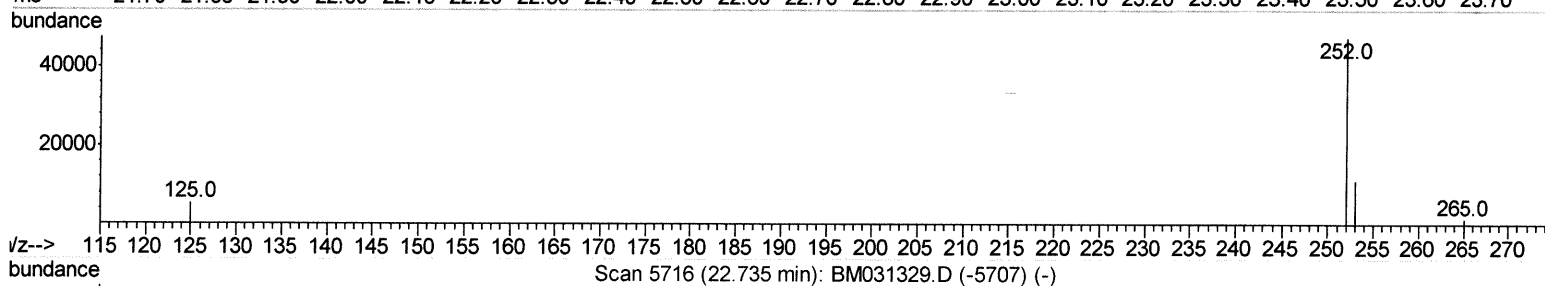
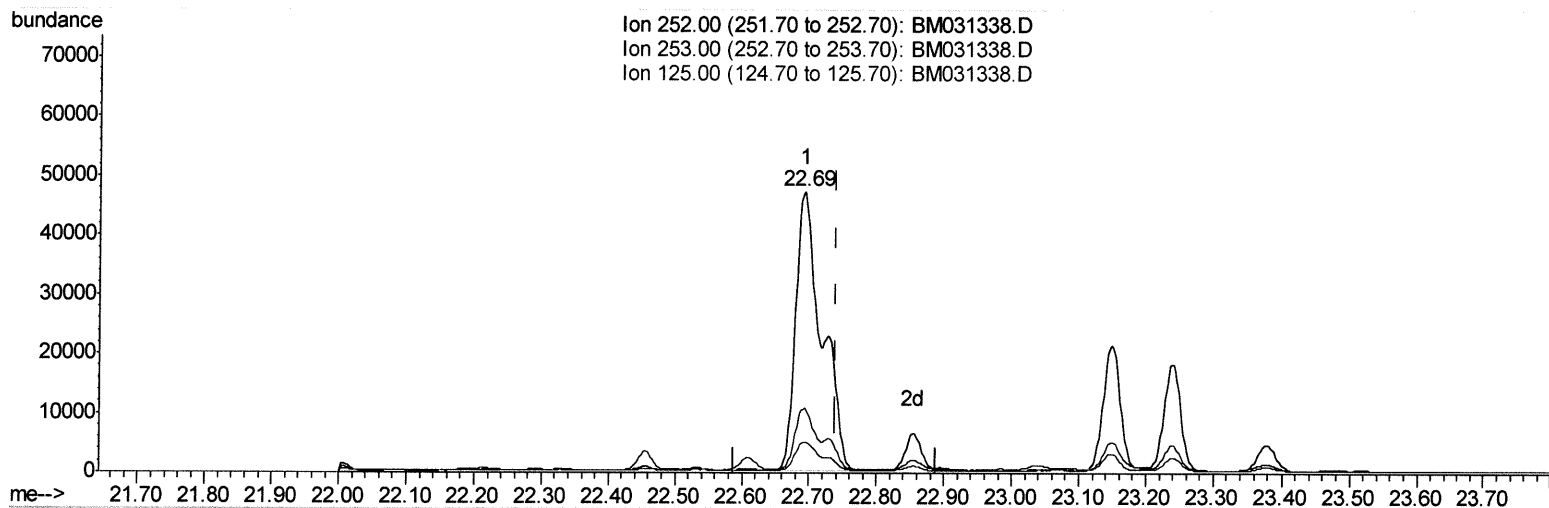
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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 02 04:44:42 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(25) Benzo(k)fluoranthene

22.694min (-0.046) 5.34ng/ul

response 127373

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.19
125.00	11.00	10.94
0.00	0.00	0.00

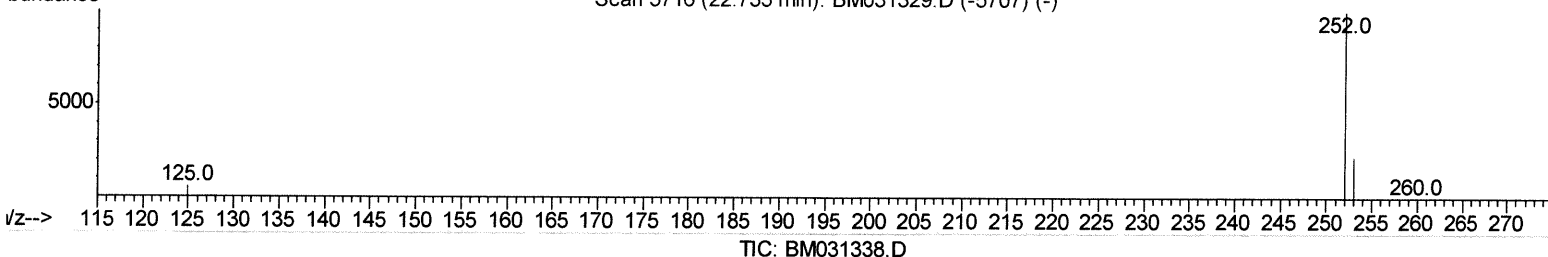
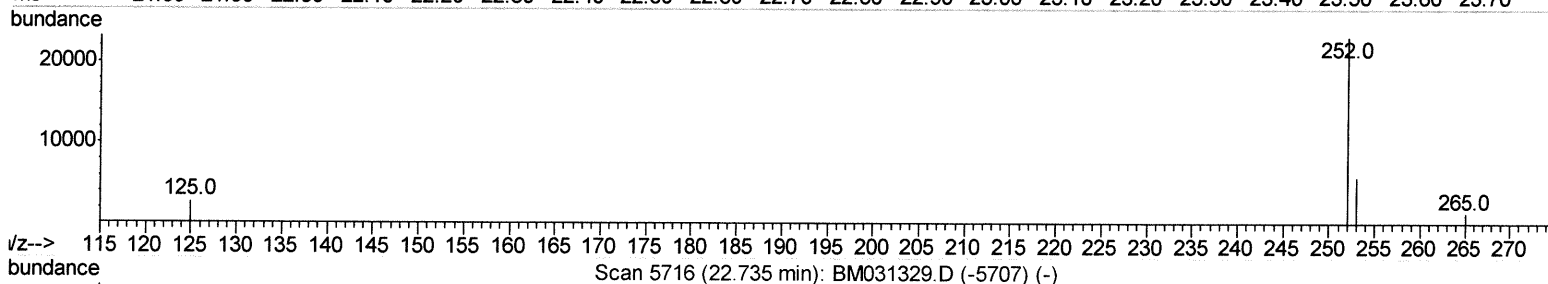
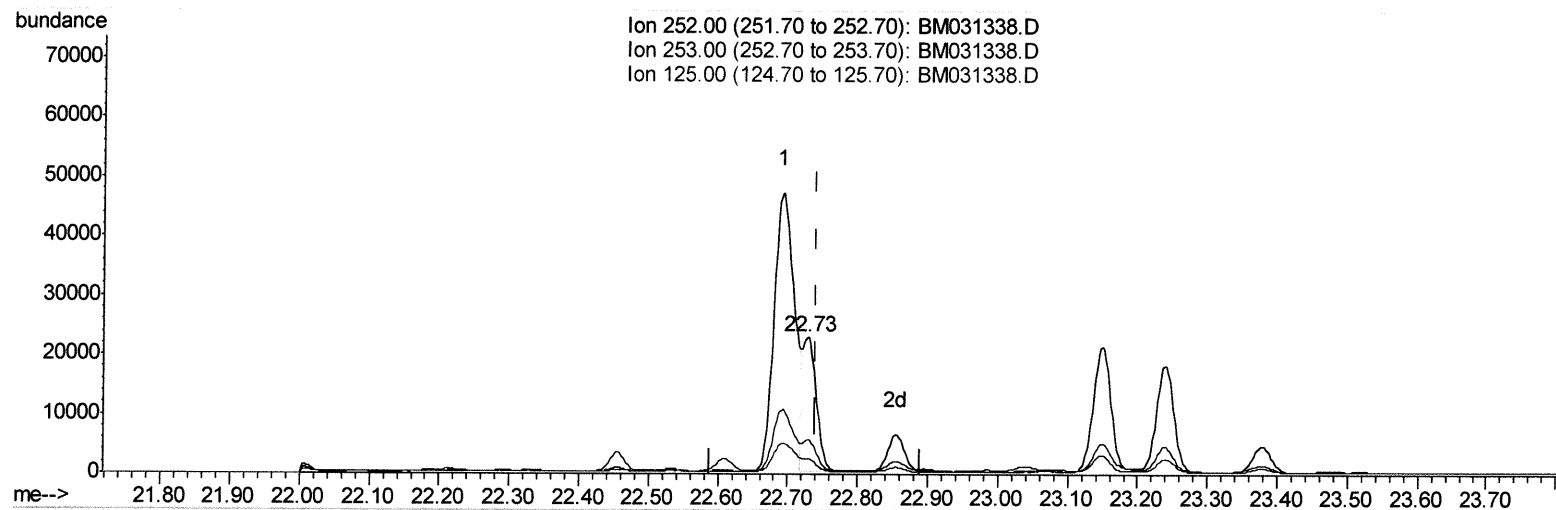
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 Operator : CG/JU
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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

22.727min (-0.012) 1.36ng/ul m

response 32372

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.17
125.00	11.00	11.62
0.00	0.00	0.00

Je 8/3/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1385	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	5355	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3641	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.98	188	6721	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5505	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	5126	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3682	2.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1416	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	3160	0.17	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.41	128	23824	1.494	ng/ul	97
7) 2-Methylnaphthalene	12.03	142	27596	2.532	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	13719	1.274	ng/ul	100
10) Acenaphthylene	13.95	152	7209	0.465	ng/ul	99
11) Acenaphthene	14.30	153	1966m	0.151	ng/ul	99
12) Fluorene	15.29	166	2257	0.150	ng/ul#	84
15) Phenanthrene	17.02	178	67769	3.175	ng/ul	97
16) Anthracene	17.11	178	23284	1.165	ng/ul	99
19) Fluoranthene	19.04	202	147647	6.281	ng/ul	97
20) Pyrene	19.41	202	105263	4.415	ng/ul	98
21) Benzo(a)anthracene	21.16	228	53980	2.428	ng/ul	95
22) Chrysene	21.21	228	83161	3.616	ng/ul	96
24) Benzo(b)fluoranthene	22.69	252	98080m	4.247	ng/ul	96
25) Benzo(k)fluoranthene	22.73	252	32372m	1.357	ng/ul	96
26) Benzo(a)pyrene	23.24	252	31410	1.553	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.47	276	26017	0.995	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.48	278	7876	0.374	ng/ul#	87
29) Benzo(a,h,i)perylene	26.13	276	19345	0.867	ng/ul	98

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