

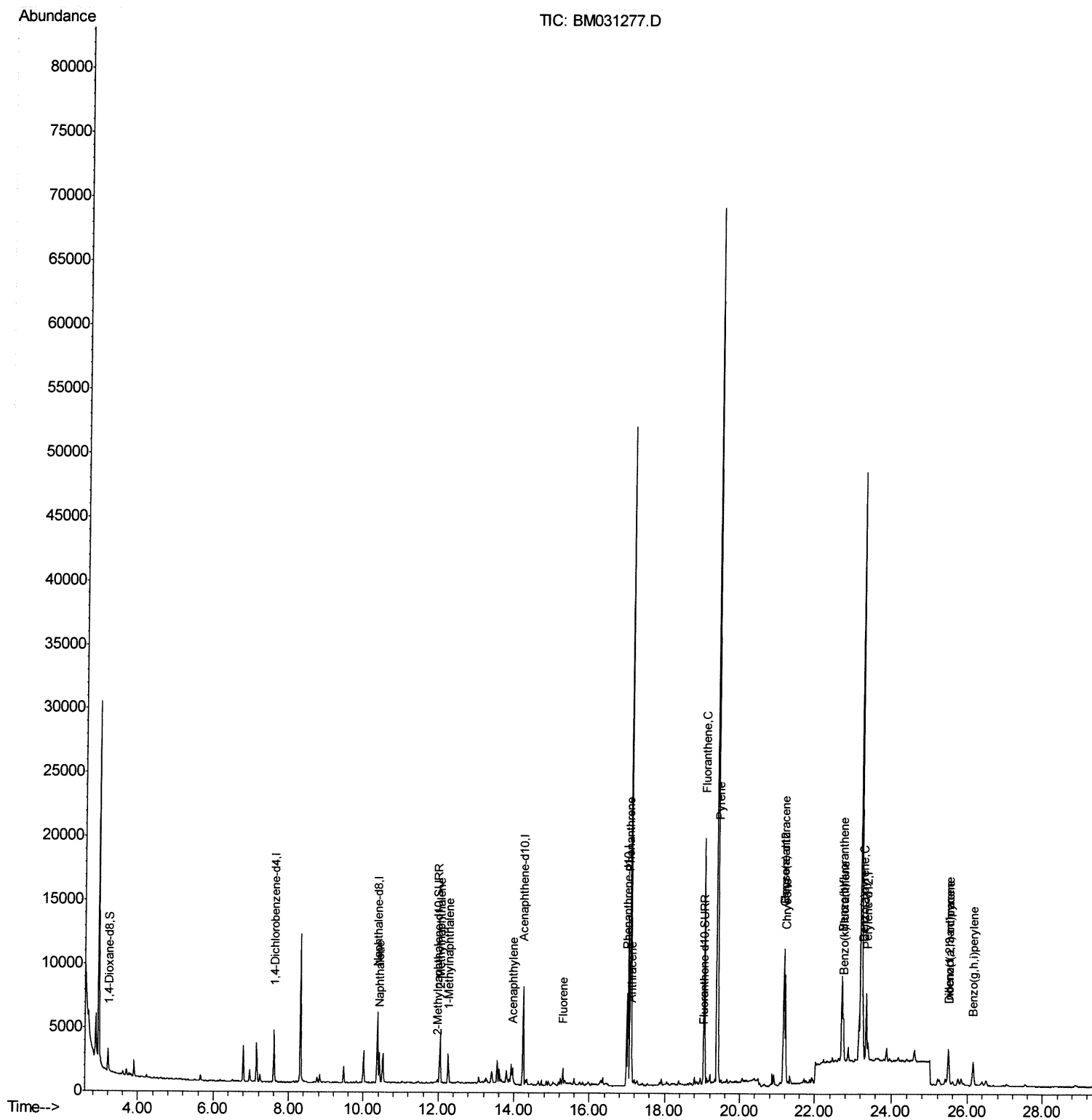
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031277.D
Acq On : 30 Jul 2021 13:45
Operator : CG/JU
Sample : M3084-04DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0024DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:04 PM

Quant Time: Jul 30 14:19:11 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 09:57:24 2021
Response via : Initial Calibration



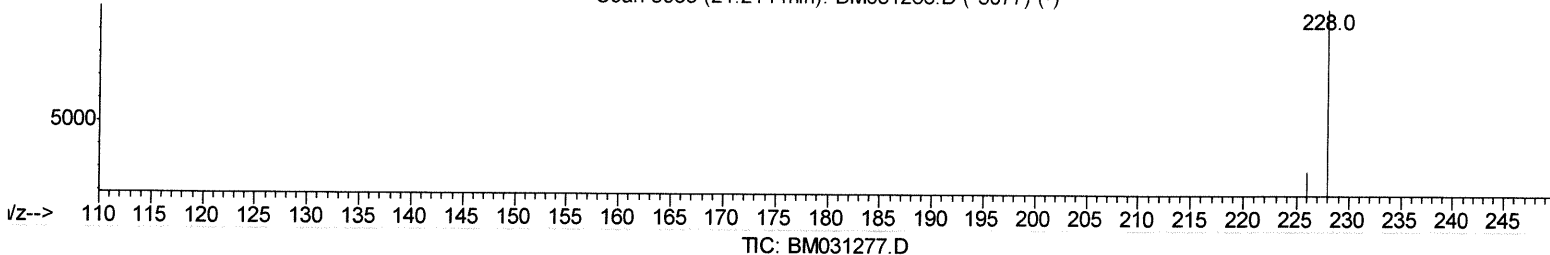
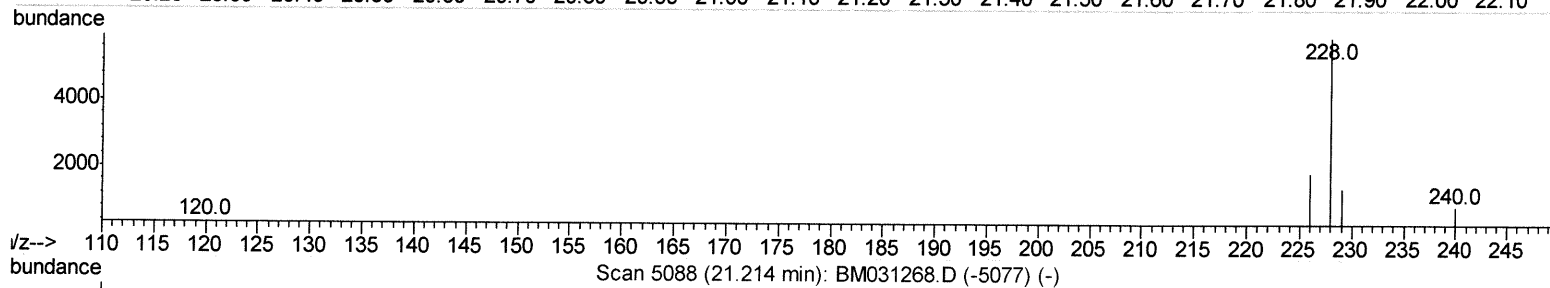
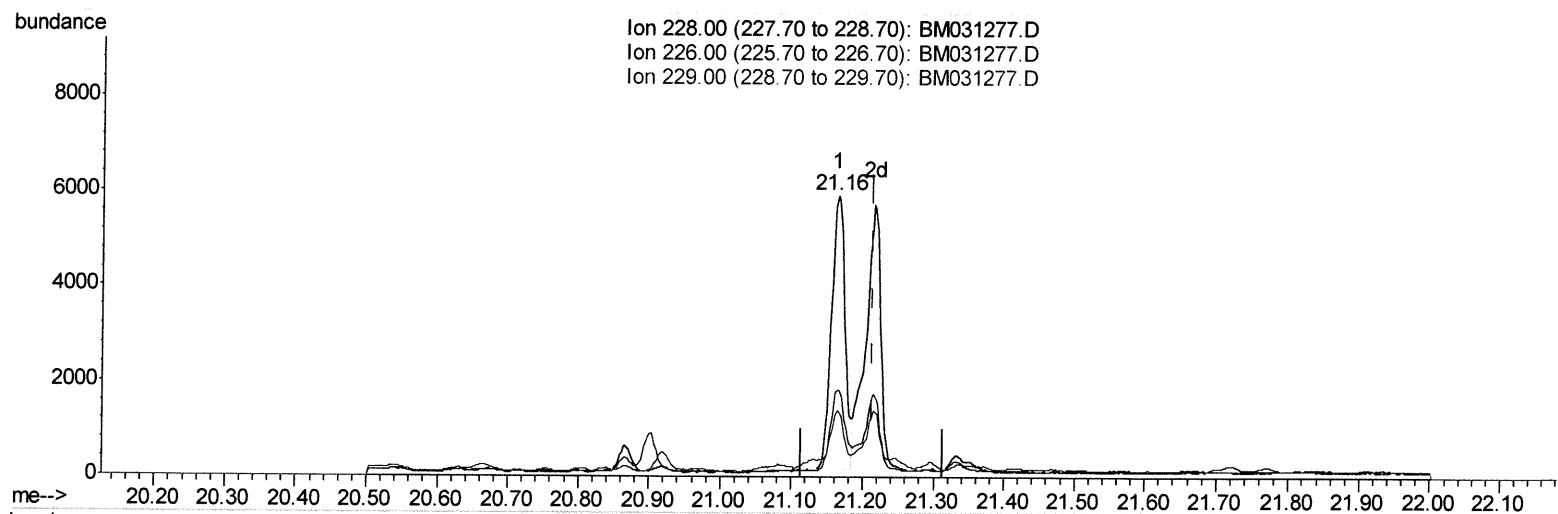
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(22) Chrysene

21.164min (-0.050) 0.27ng/ul

response 7431

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.14
229.00	20.20	23.44
0.00	0.00	0.00

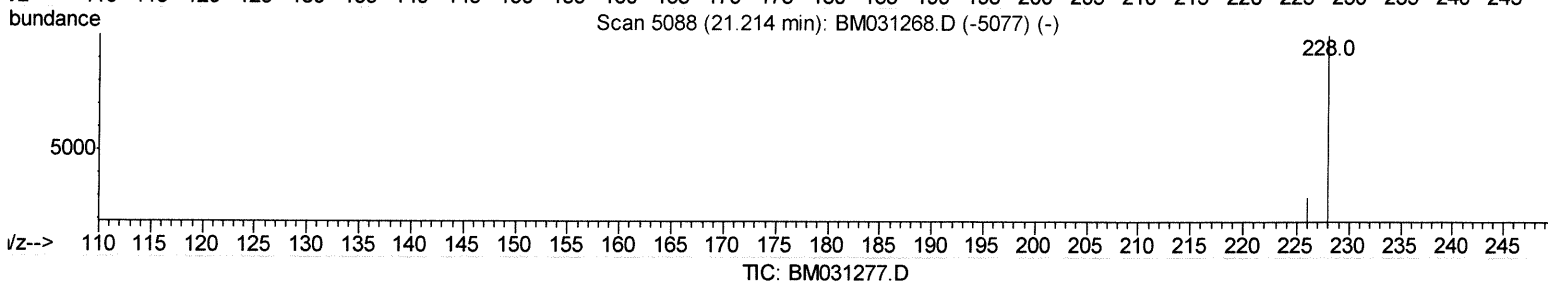
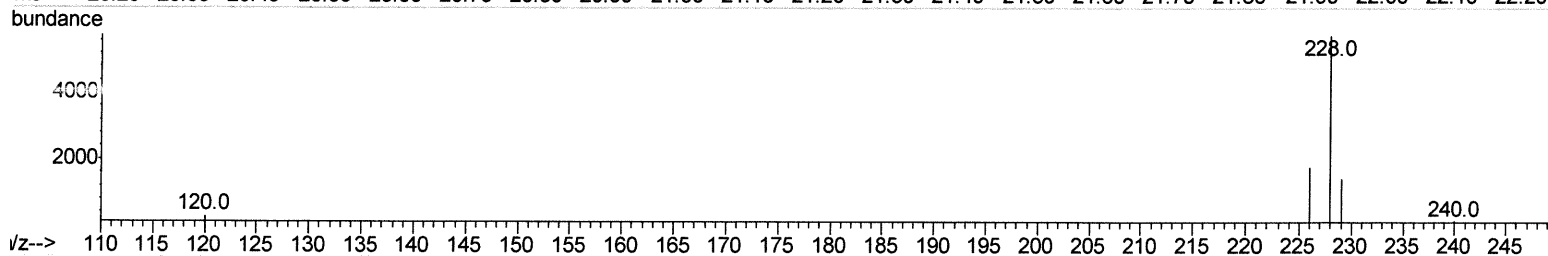
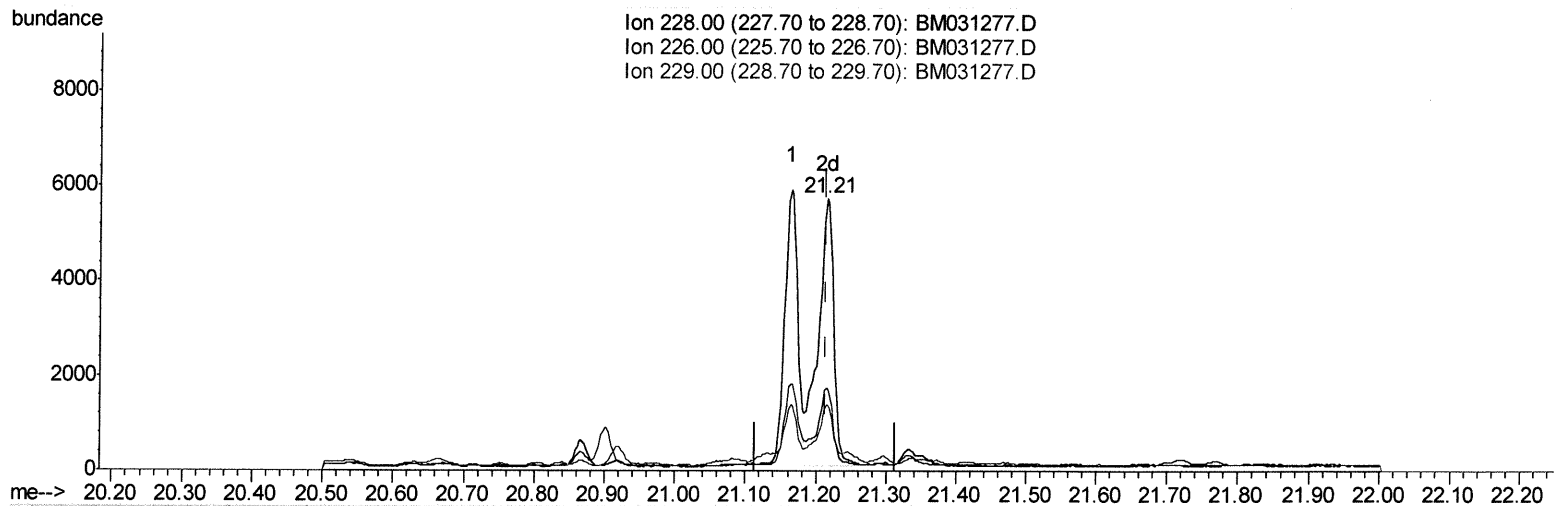
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(22) Chrysene

21.215min (+0.000) 0.32ng/ul m

response 8681

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.55
229.00	20.20	24.39#
0.00	0.00	0.00

Handwritten signature/initials

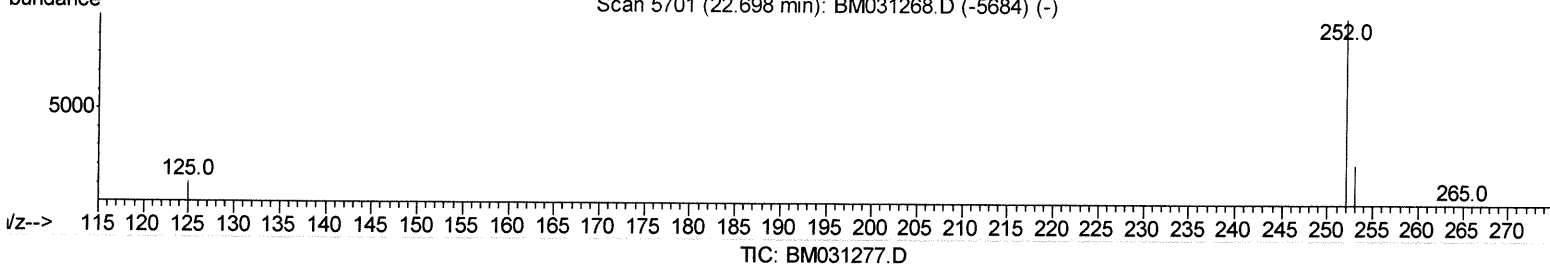
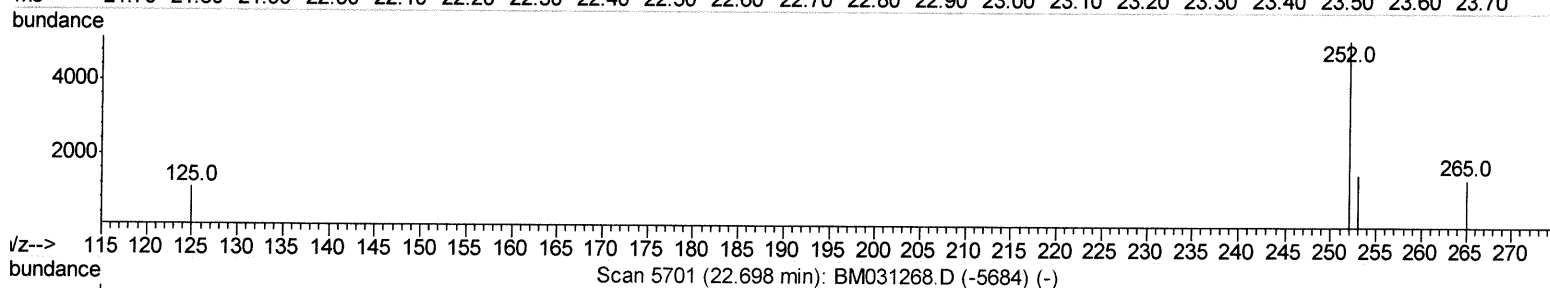
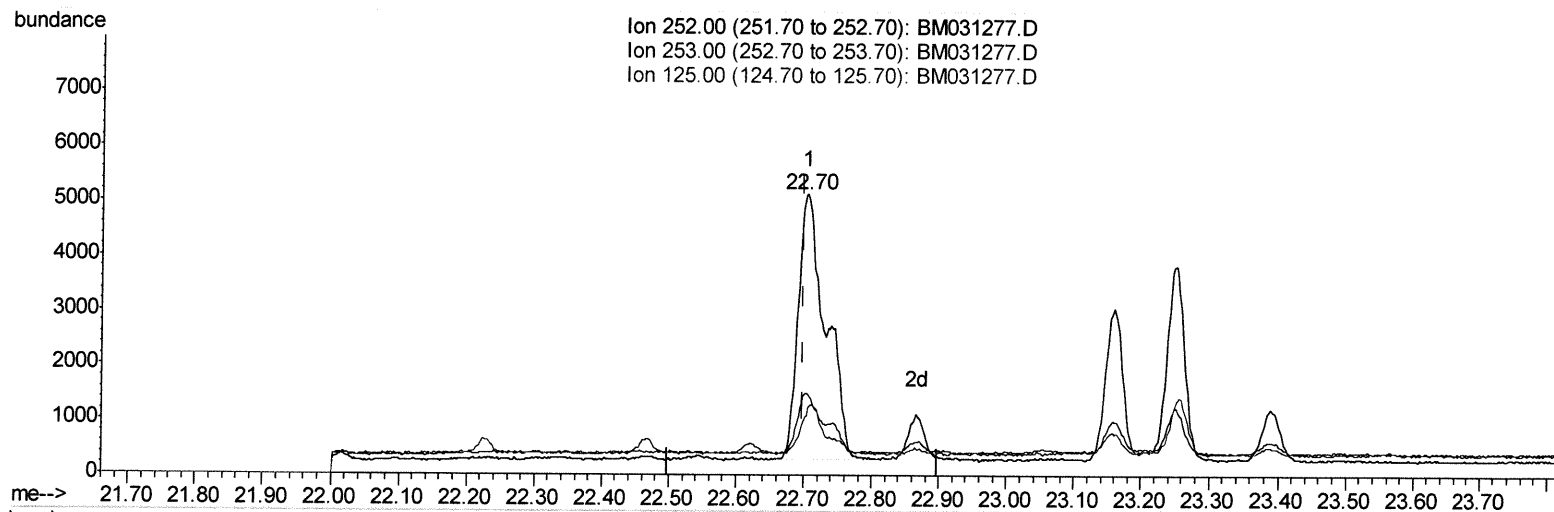
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(24) Benzo(b)fluoranthene

22.704min (+0.005) 0.48ng/ul

response 13735

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.16
125.00	11.40	20.89
0.00	0.00	0.00

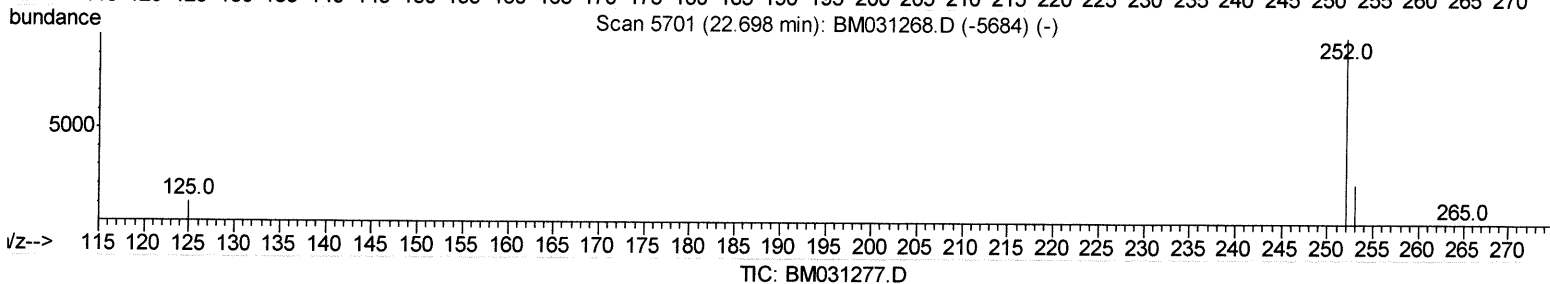
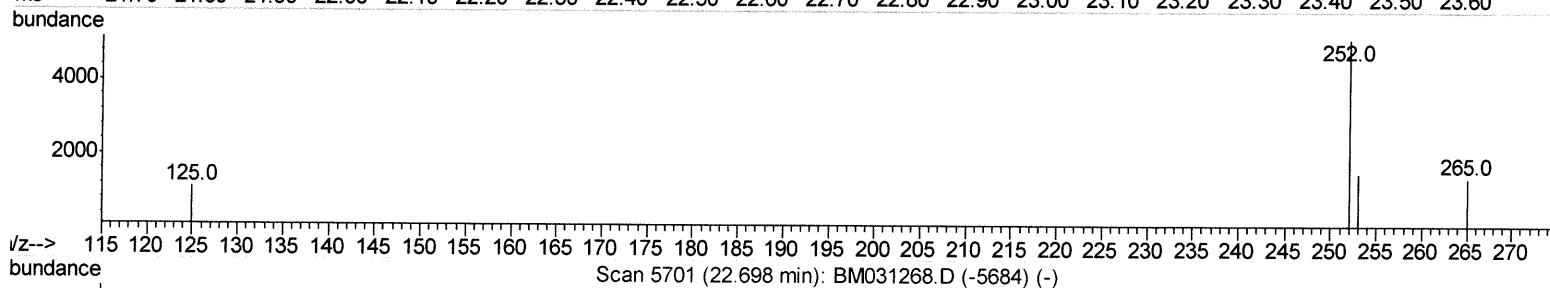
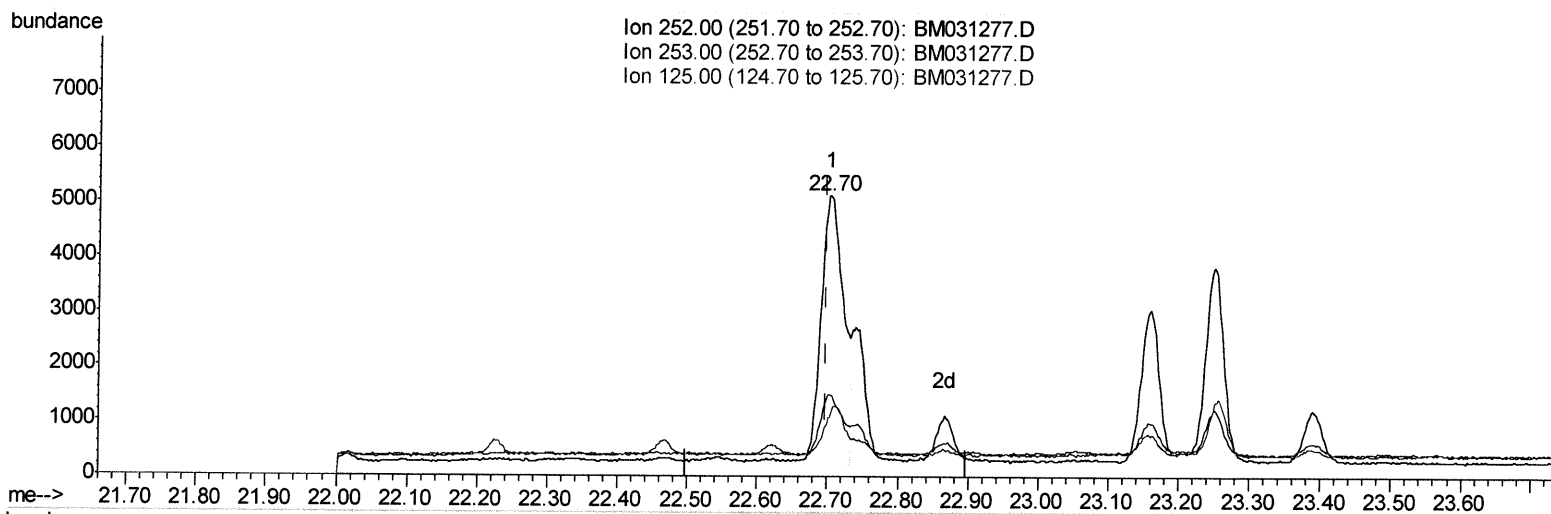
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(24) Benzo(b)fluoranthene

22.704min (+0.005) 0.38ng/ul m

response 10851

JU 8/2/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.16
125.00	11.40	20.89
0.00	0.00	0.00

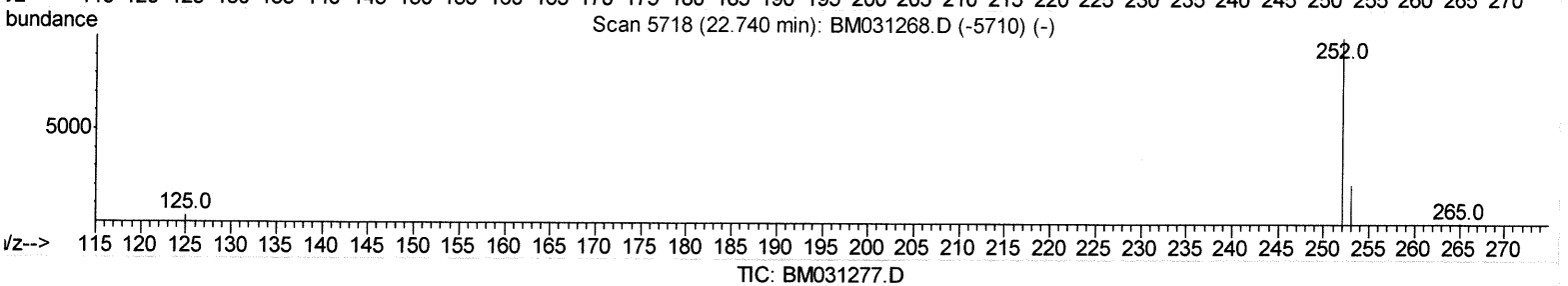
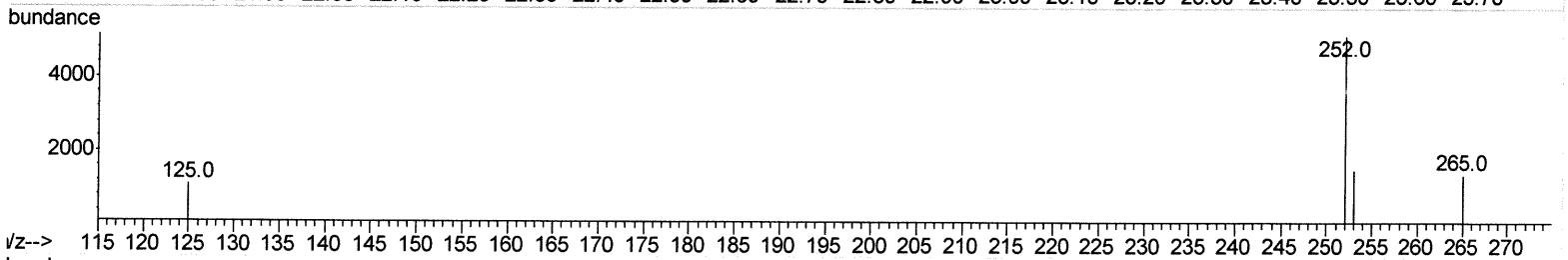
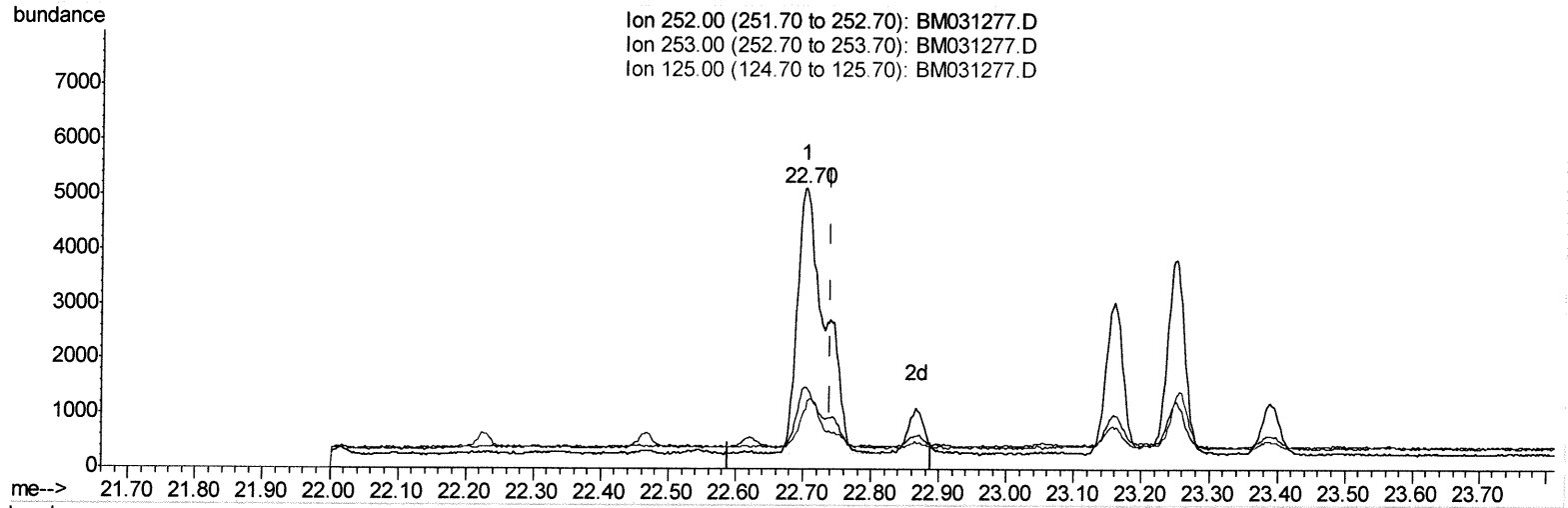
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 Sample : M3084-04DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
 8/2/2021 3:40:04 PM

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(25) Benzo(k)fluoranthene
 22.704min (-0.036) 0.47ng/ul

response 13735

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.16
125.00	11.00	20.89#
0.00	0.00	0.00

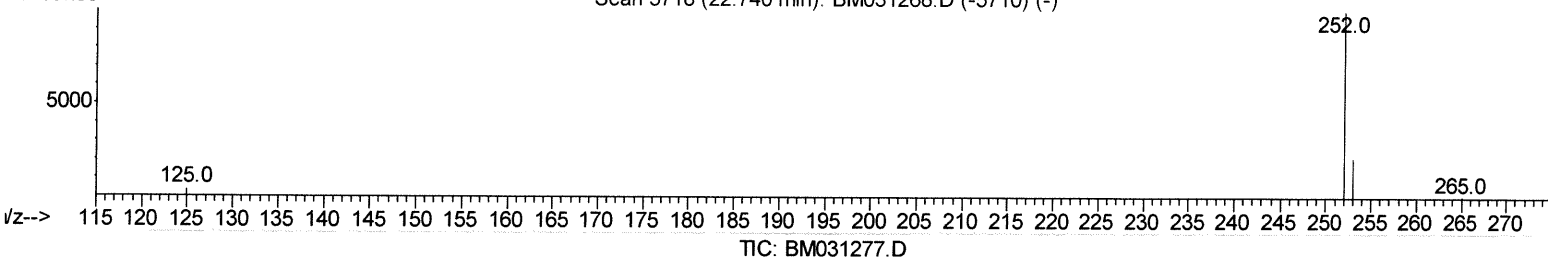
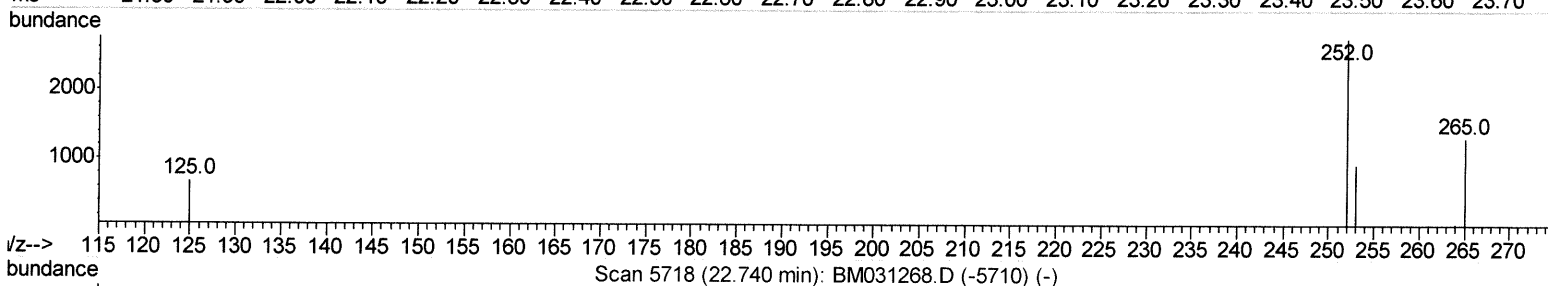
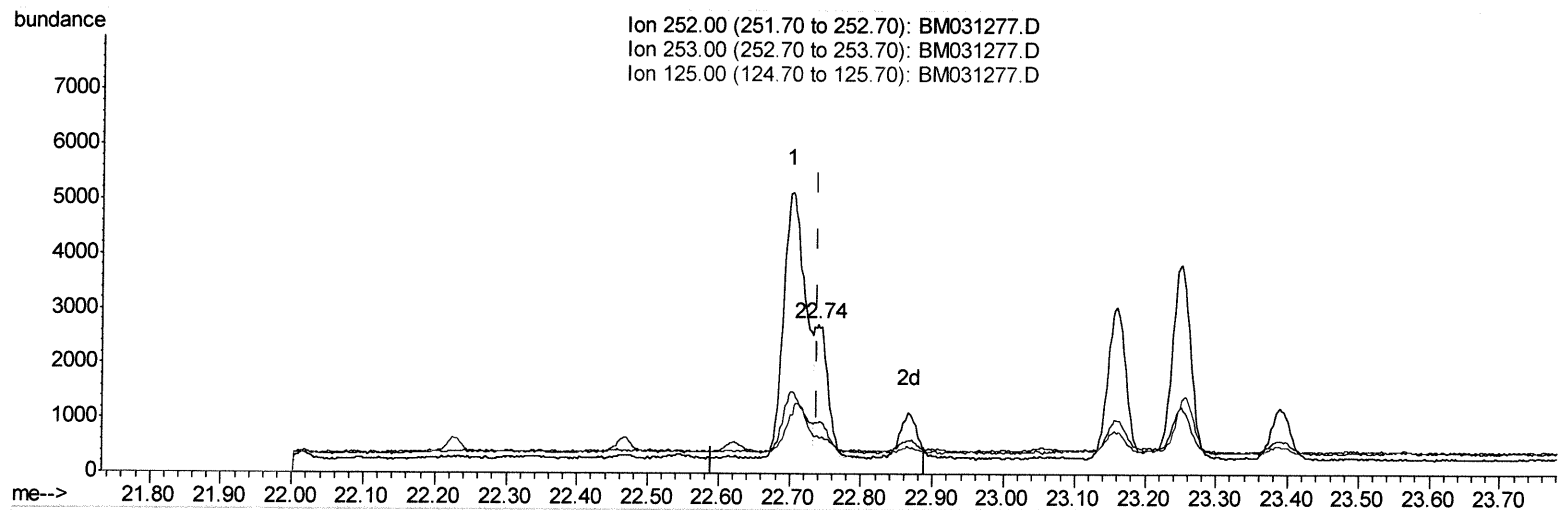
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(25) Benzo(k)fluoranthene

22.740min (+0.000) 0.11ng/ul m

ju 8/2/21

response 3152

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.22#
125.00	11.00	24.92#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1979	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	7354	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4255	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	8146	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6472	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	6313	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	1151	0.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	377	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	766	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.42	128	3046	0.139	ng/ul	96
7) 2-Methylnaphthalene	12.04	142	2911	0.195	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	1577	0.107	ng/ul	100
10) Acenaphthylene	13.96	152	1227	0.068	ng/ul#	87
12) Fluorene	15.30	166	773	0.044	ng/ul#	87
15) Phenanthrene	17.03	178	13899	0.537	ng/ul	98
16) Anthracene	17.12	178	2066	0.085	ng/ul#	92
19) Fluoranthene	19.05	202	16780	0.607	ng/ul#	96
20) Pyrene	19.41	202	14005	0.500	ng/ul#	95
21) Benzo(a)anthracene	21.16	228	7493	0.287	ng/ul#	92
22) Chrysene	21.21	228	8681m	0.321	ng/ul	} <i>See 8/3/21</i>
24) Benzo(b)fluoranthene	22.70	252	10851m	0.381	ng/ul	
25) Benzo(k)fluoranthene	22.74	252	3152m	0.107	ng/ul	
26) Benzo(a)pyrene	23.25	252	6442	0.259	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.49	276	4379	0.136	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.50	278	1183	0.046	ng/ul#	41
29) Benzo(a,h,i)perylene	26.14	276	3788	0.138	ng/ul#	87

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