

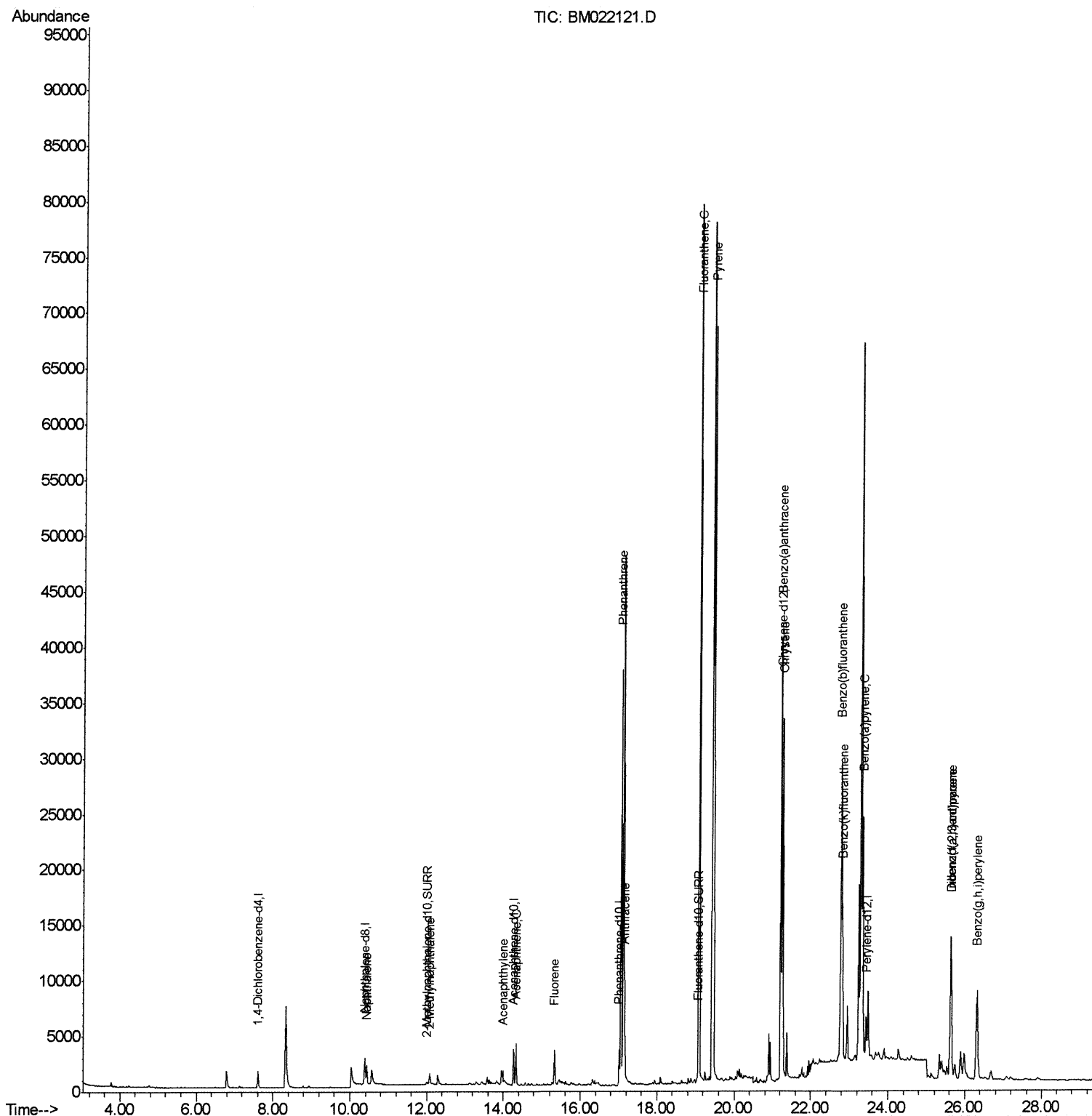
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022121.D
 Acq On : 14 Aug 2019 23:06
 Operator : HP/JU
 Sample : K4304-06DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N7DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:09:42 PM

Quant Time: Aug 15 11:25:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration



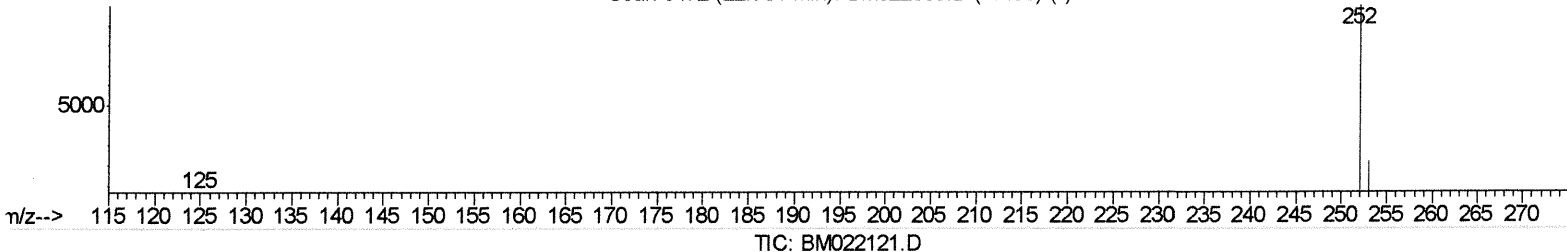
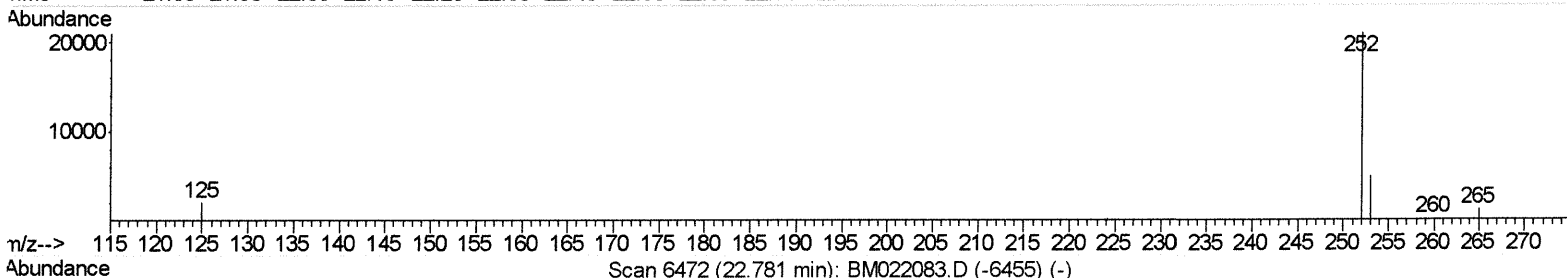
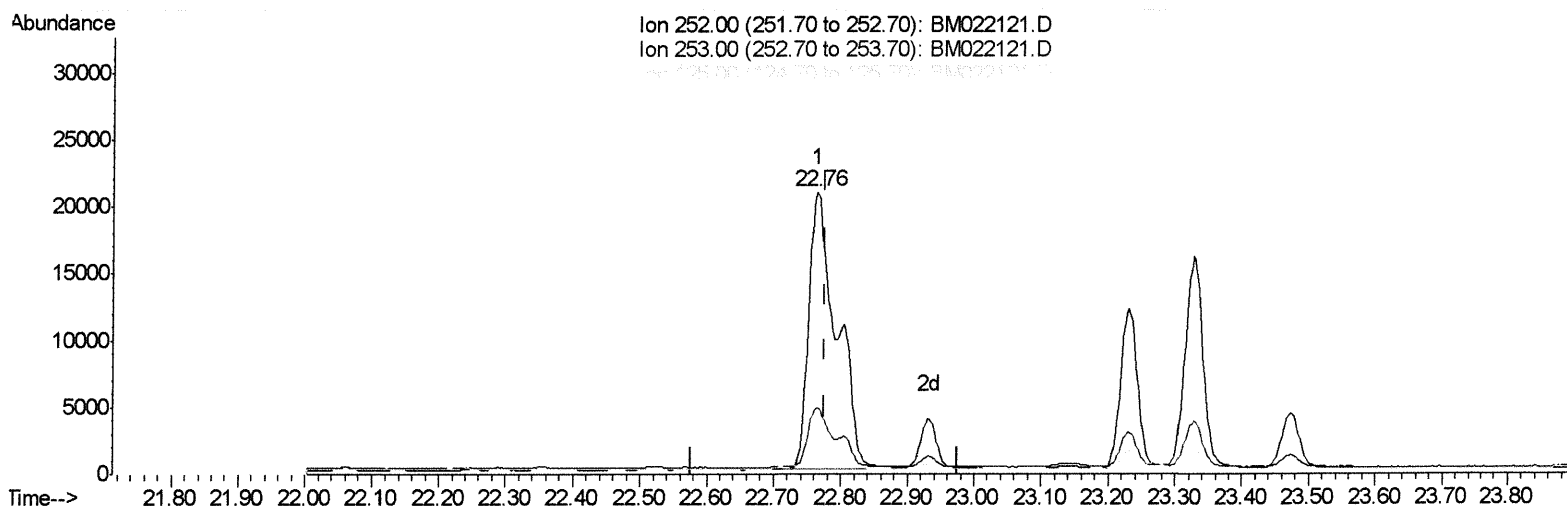
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(21) Benzo(b)fluoranthene
 22.764min (-0.012) 4.25ng/ul
 response 60647

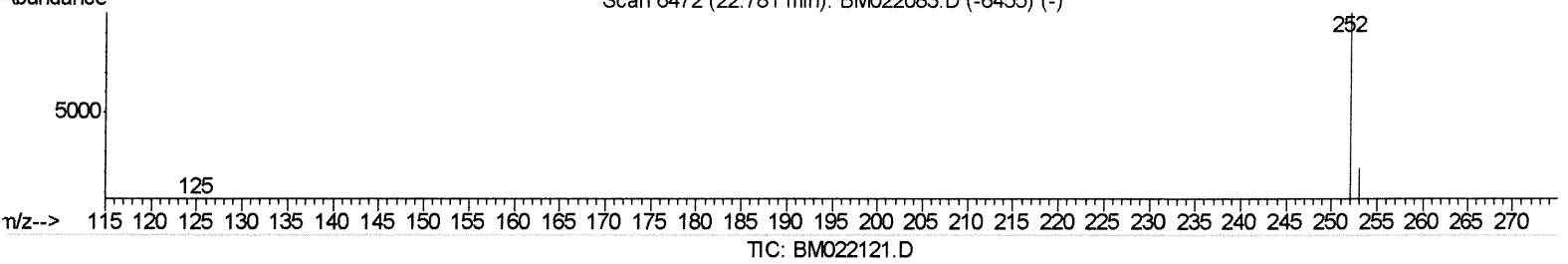
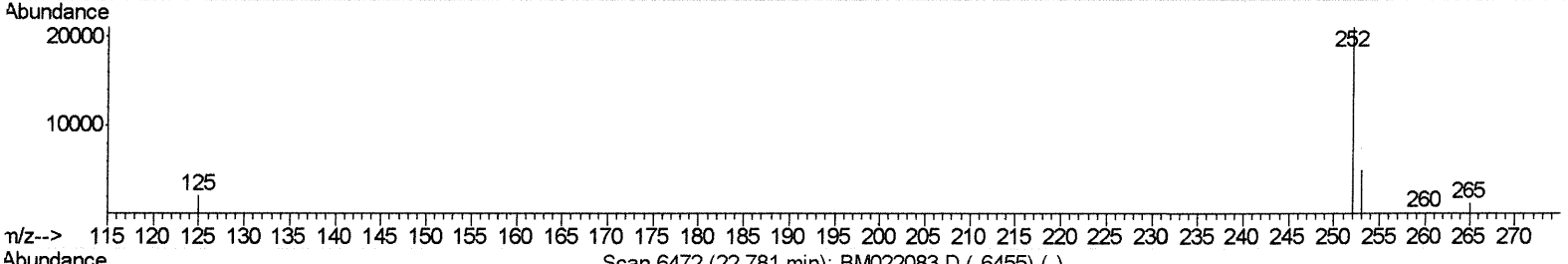
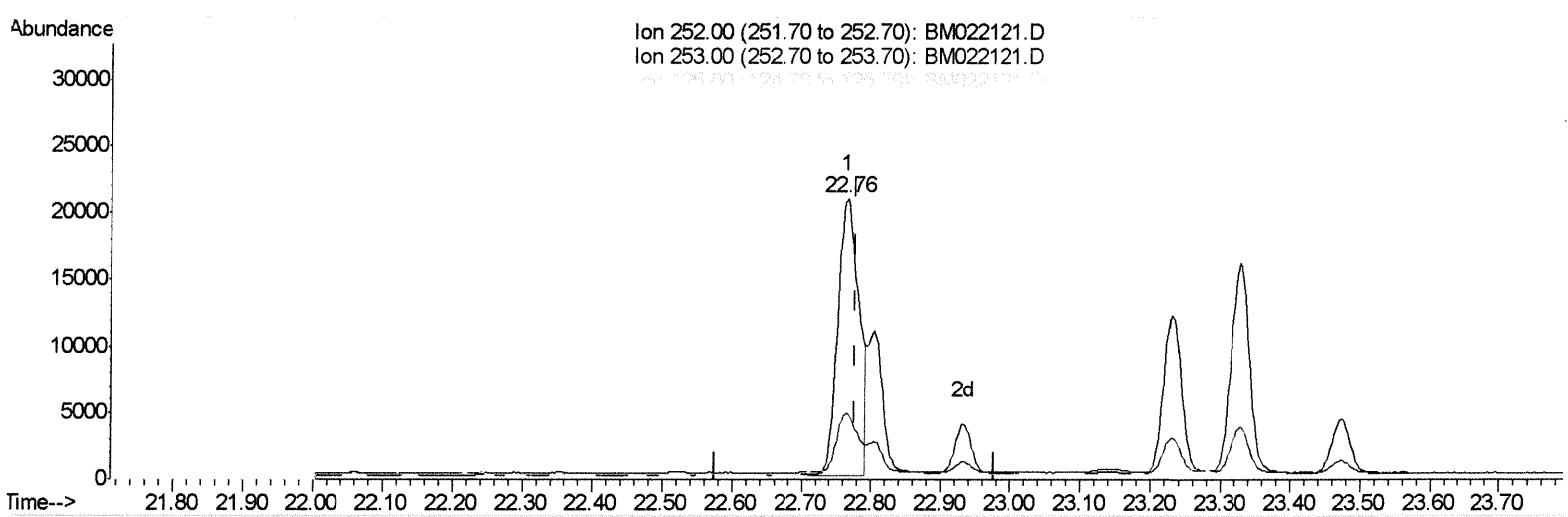
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.58
125.00	15.50	9.90
0.00	0.00	0.00

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(21) Benzo(b)fluoranthene
22.764min (-0.012) 3.09ng/ul m
response 44019
Ion Exp% Act%
252.00 100 100
253.00 33.70 23.58
125.00 15.50 9.90
0.00 0.00 0.00

JU
08/15/19

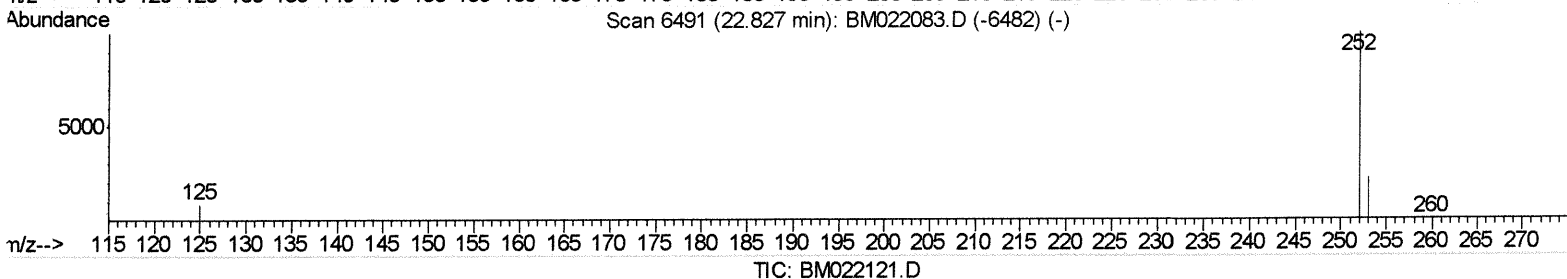
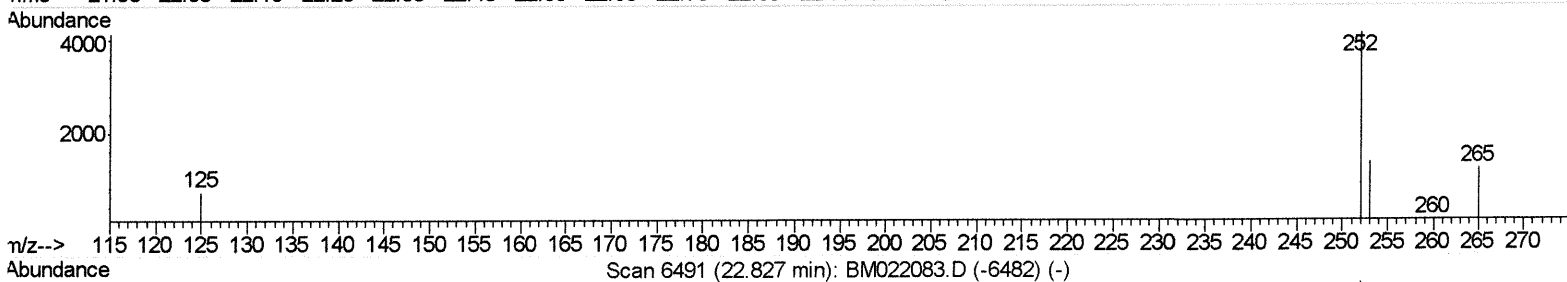
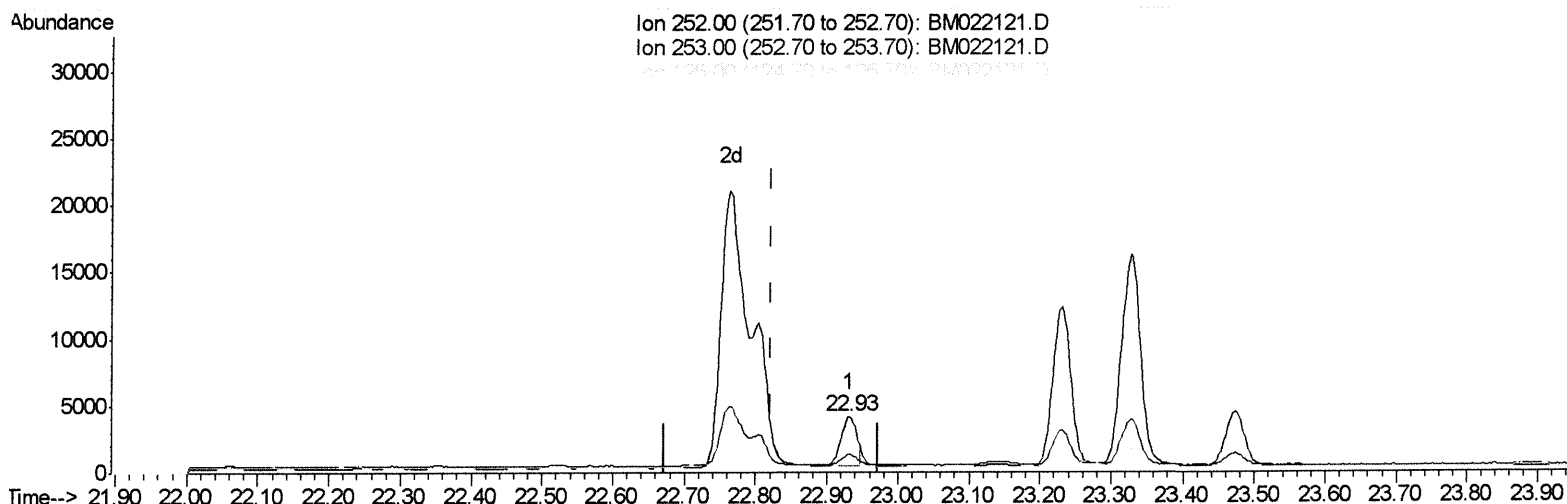
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Instrument :
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 ClientSampleId :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.931min (+0.109) 0.34ng/ul

response 5521

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.86
125.00	15.20	17.44
0.00	0.00	0.00

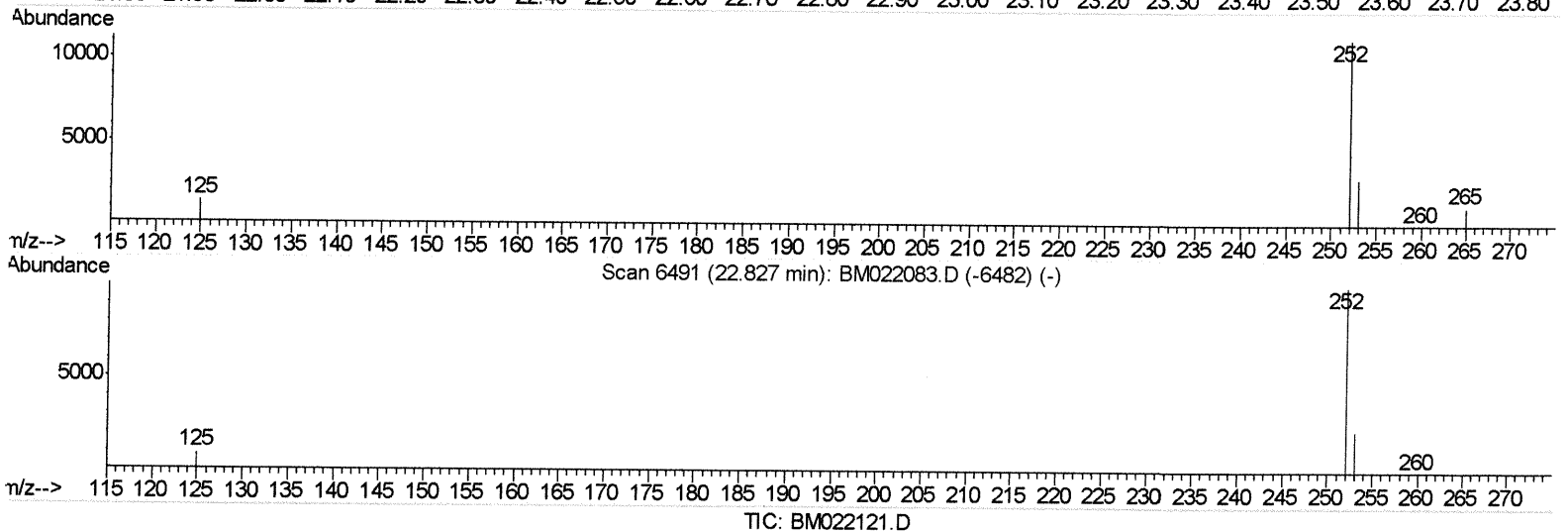
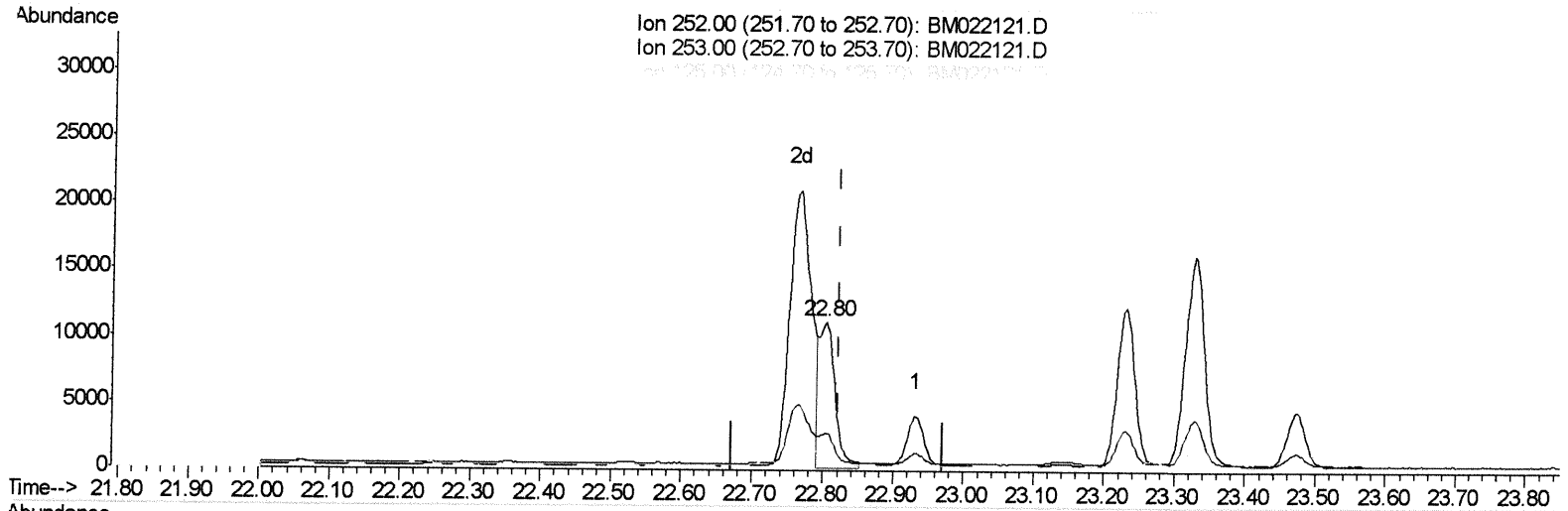
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5N7DL

Manual Integrations
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(22) Benzo(k)fluoranthene

22.803min (-0.019) 1.07ng/ul m

JU
 08/15/19

response 17224

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.53#
125.00	15.20	12.43
0.00	0.00	0.00

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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	882	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3623	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1880	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	3999	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3974	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4227	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	473	0.08	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	1019	0.08	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	2525	0.247	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	982	0.144	ng/ul	98
7) Acenaphthylene	13.98	152	1514	0.173	ng/ul#	82
8) Acenaphthene	14.32	153	2325	0.324	ng/ul	96
9) Fluorene	15.32	166	2319	0.291	ng/ul	99
12) Phenanthrene	17.05	178	39764	3.417	ng/ul	96
13) Anthracene	17.15	178	8629	0.869	ng/ul	96
15) Fluoranthene	19.08	202	71131	4.564	ng/ul	96
17) Pyrene	19.45	202	61695	3.778	ng/ul	99
18) Benzo(a)anthracene	21.20	228	33496	2.356	ng/ul	99
19) Chrysene	21.25	228	30896	1.690	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	44019m	3.088	ng/ul	99
22) Benzo(k)fluoranthene	22.80	252	17224m	1.068	ng/ul	99
23) Benzo(a)pyrene	23.33	252	29710	2.050	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.63	276	20562	1.188	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	5345	0.382	ng/ul#	96
26) Benzo(g,h,i)perylene	26.31	276	17348	1.113	ng/ul	99

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