

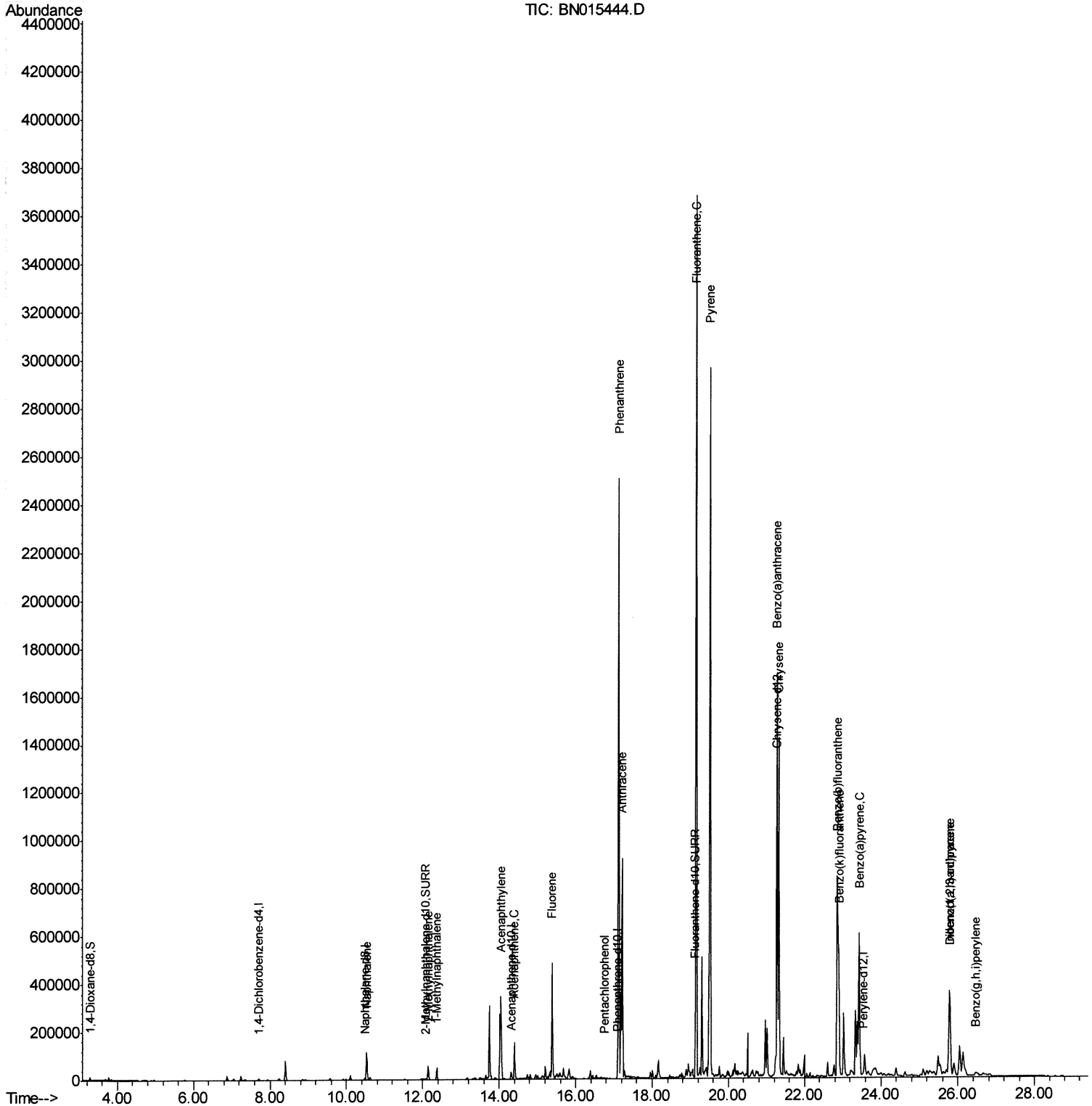
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015444.D
Acq On : 09 Jul 2021 13:58
Operator : CG/JU
Sample : M2854-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDS8

Manual Integrations
APPROVED

mohammad
7/9/2021 3:05:04 PM

Quant Time: Jul 09 14:36:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration



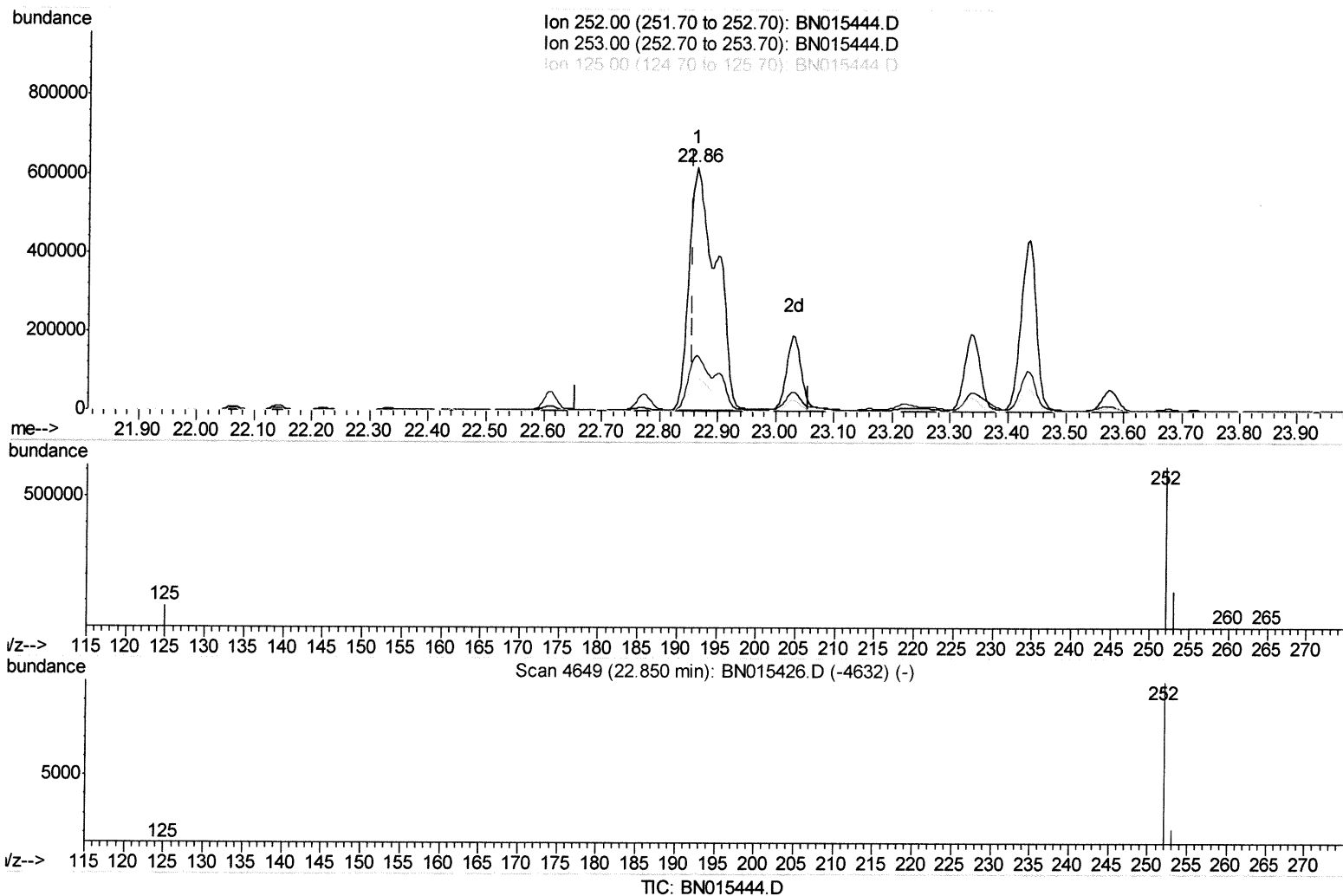
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(24) Benzo(b)fluoranthene

22.862min (+0.006) 48.25ng/ul

response 1982639

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.70
125.00	14.20	13.20
0.00	0.00	0.00

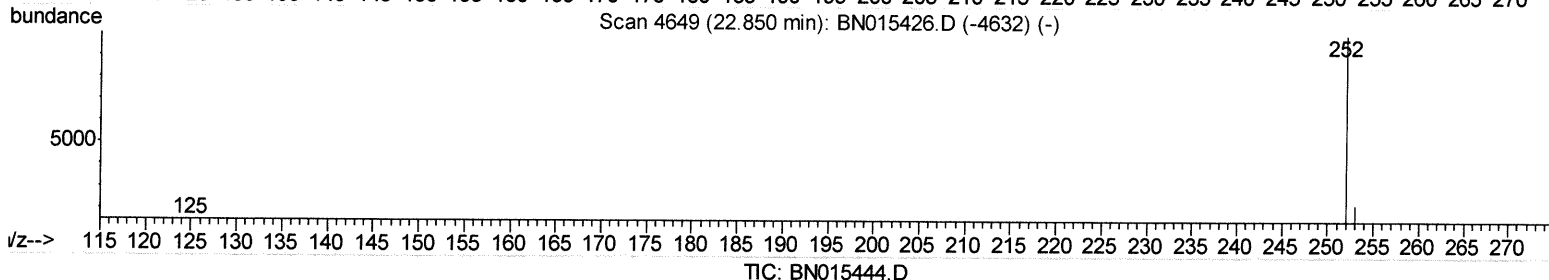
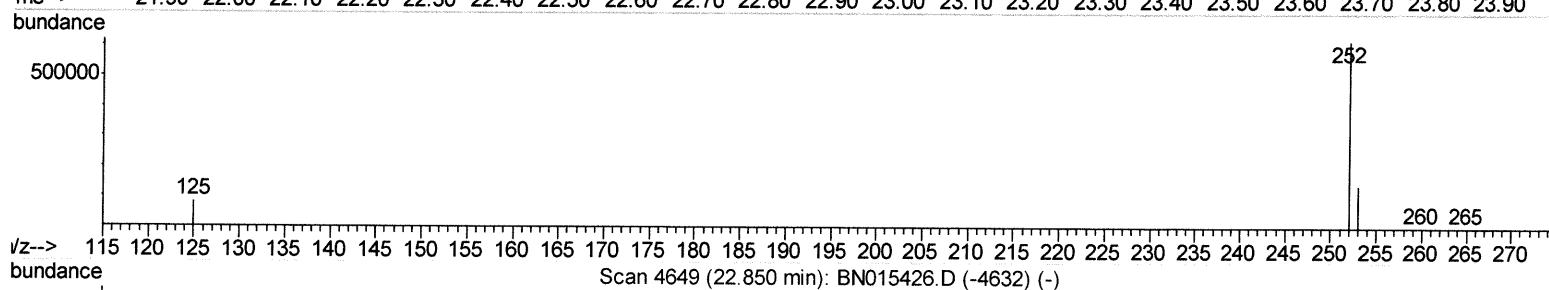
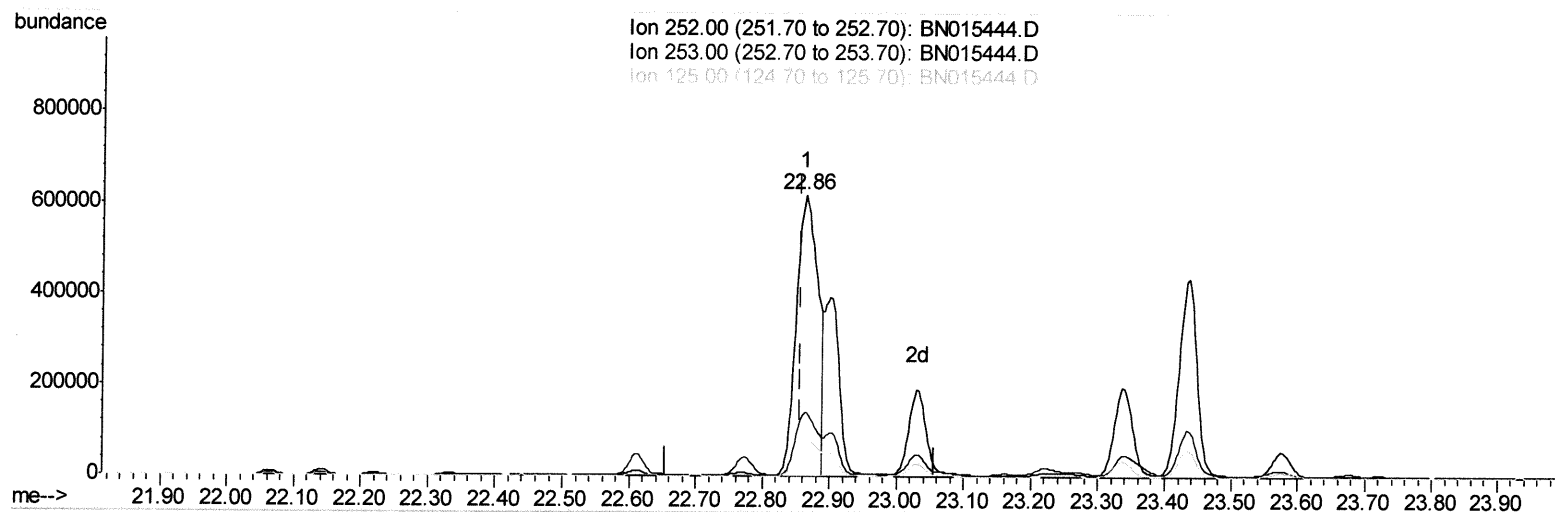
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(24) Benzo(b)fluoranthene

22.862min (+0.006) 33.69ng/ul m 07/12/21 JU

response 1384471

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.70
125.00	14.20	13.20
0.00	0.00	0.00

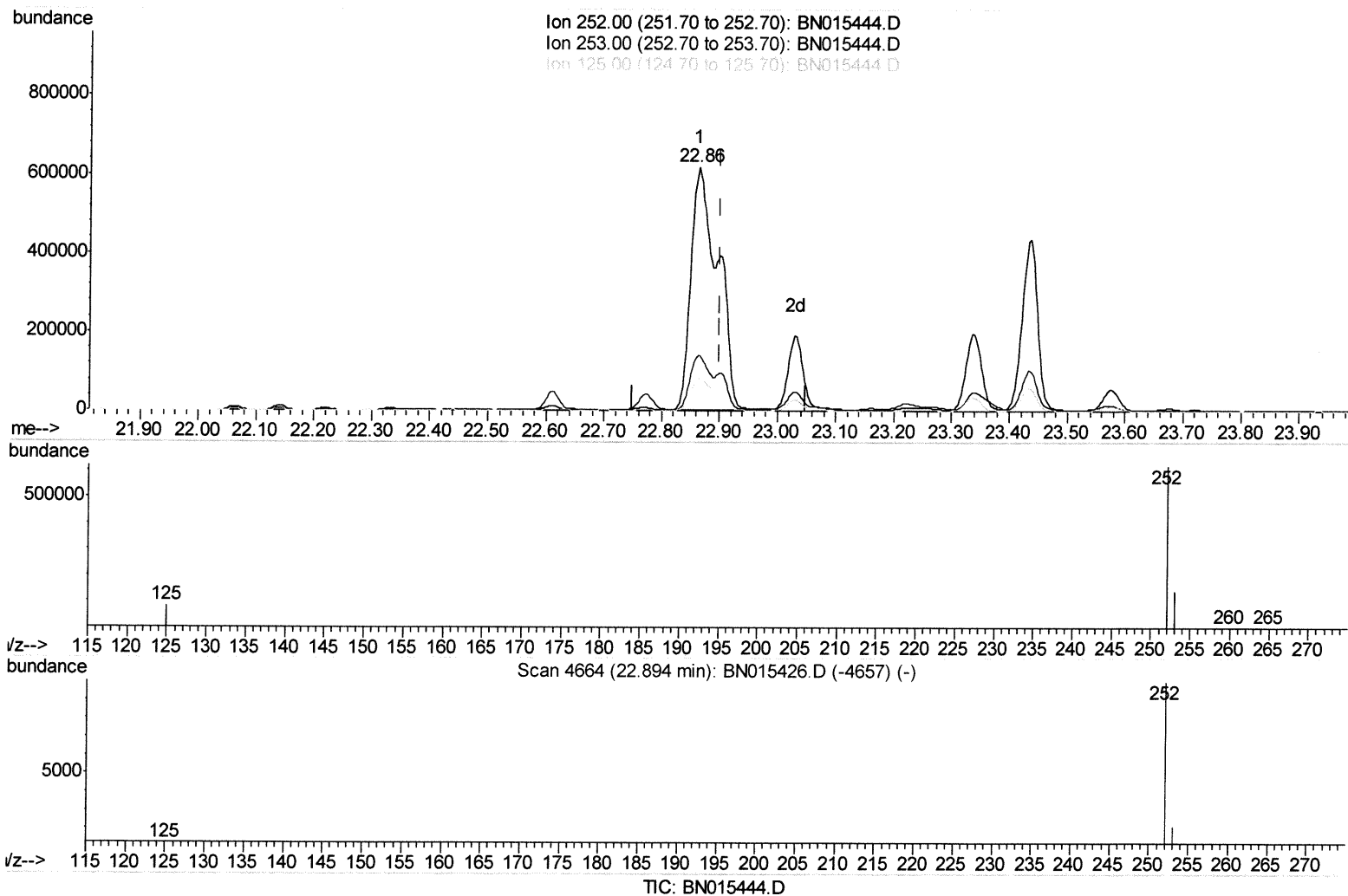
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(25) Benzo(k)fluoranthene

22.862min (-0.037) 42.75ng/ul

response 1982639

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.70
125.00	14.40	13.20
0.00	0.00	0.00

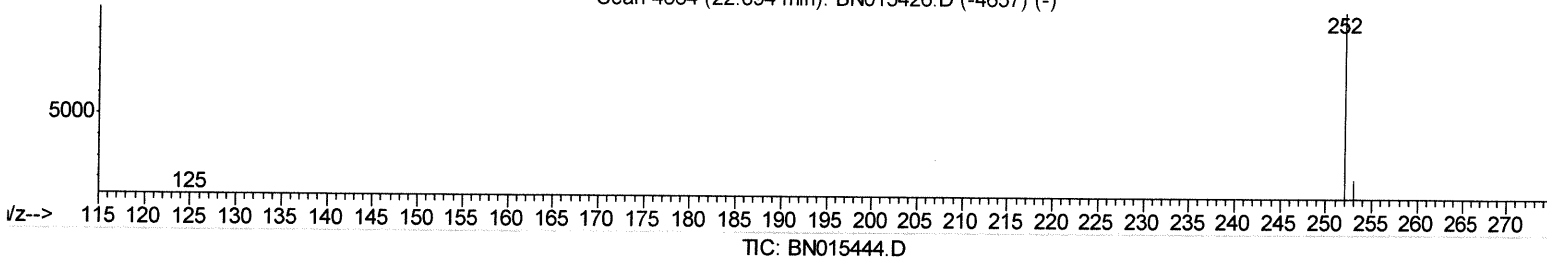
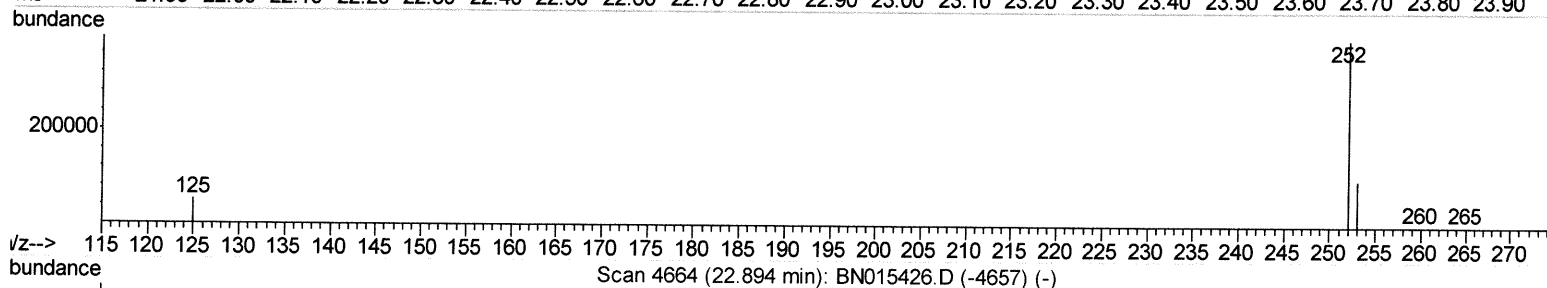
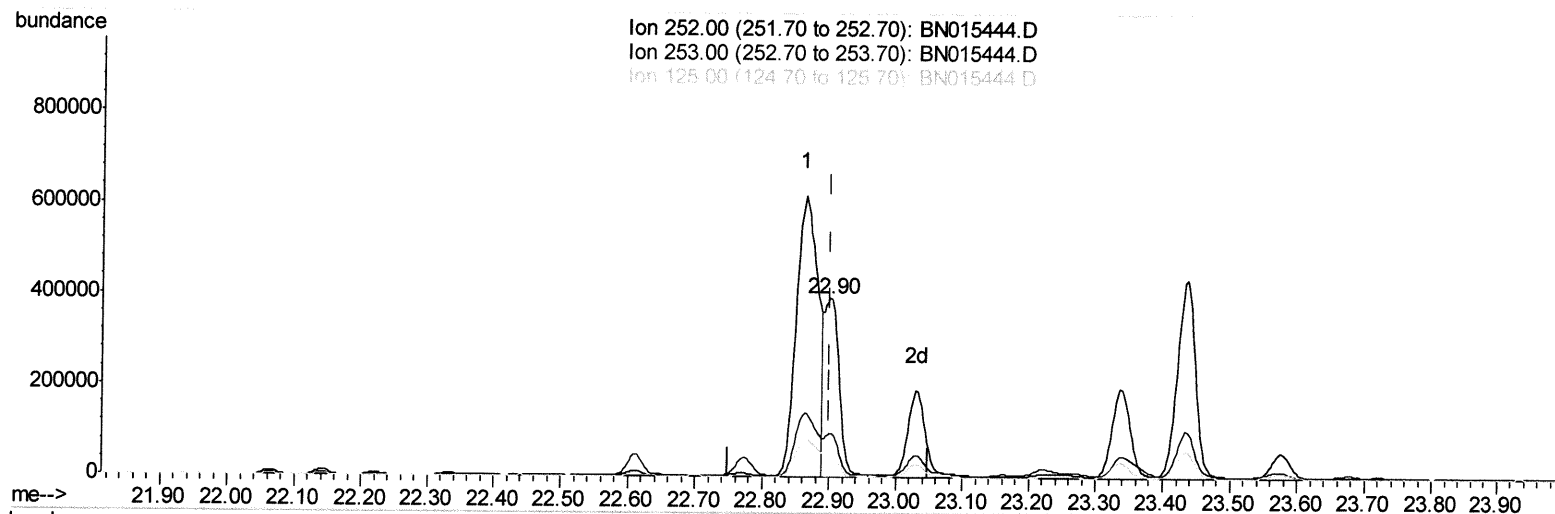
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(25) Benzo(k)fluoranthene

22.900min (+0.001) 13.11ng/ul m 07/12/21 JU

response 608137

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.66
125.00	14.40	12.82
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2526	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	8953	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	5725	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	9819	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	7620	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	8796	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7468	2.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	3217	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	7564	0.30	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.53	128	150364	5.264	ng/ul	98
7) 2-Methylnaphthalene	12.15	142	39050	2.089	ng/ul	99
8) 1-Methylnaphthalene	12.37	142	33400	1.848	ng/ul	99
10) Acenaphthylene	14.05	152	377561	12.756	ng/ul	99
11) Acenaphthene	14.40	153	85875	3.786	ng/ul	99
12) Fluorene	15.39	166	303751	12.119	ng/ul	99
14) Pentachlorophenol	16.74	266	47	0.022	ng/ul	96
15) Phenanthrene	17.13	178	2857883	80.193	ng/ul	100
16) Anthracene	17.22	178	979642	31.179	ng/ul	99
19) Fluoranthene	19.16	202	3437554	97.627	ng/ul	98
20) Pyrene	19.52	202	2553213	72.300	ng/ul	98
21) Benzo(a)anthracene	21.27	228	1507778	53.416	ng/ul	95
22) Chrysene	21.33	228	1311488	38.811	ng/ul	98
24) Benzo(b)fluoranthene	22.86	252	1384471m	33.692	ng/ul	>
25) Benzo(k)fluoranthene	22.90	252	608137m	13.112	ng/ul	>
26) Benzo(a)pyrene	23.44	252	801726	23.229	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.78	276	528843	12.687	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.79	278	170643	5.221	ng/ul	97
29) Benzo(a,h,i)perylene	26.47	276	34135	0.884	ng/ul#	91

07/12/21 Ju

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