

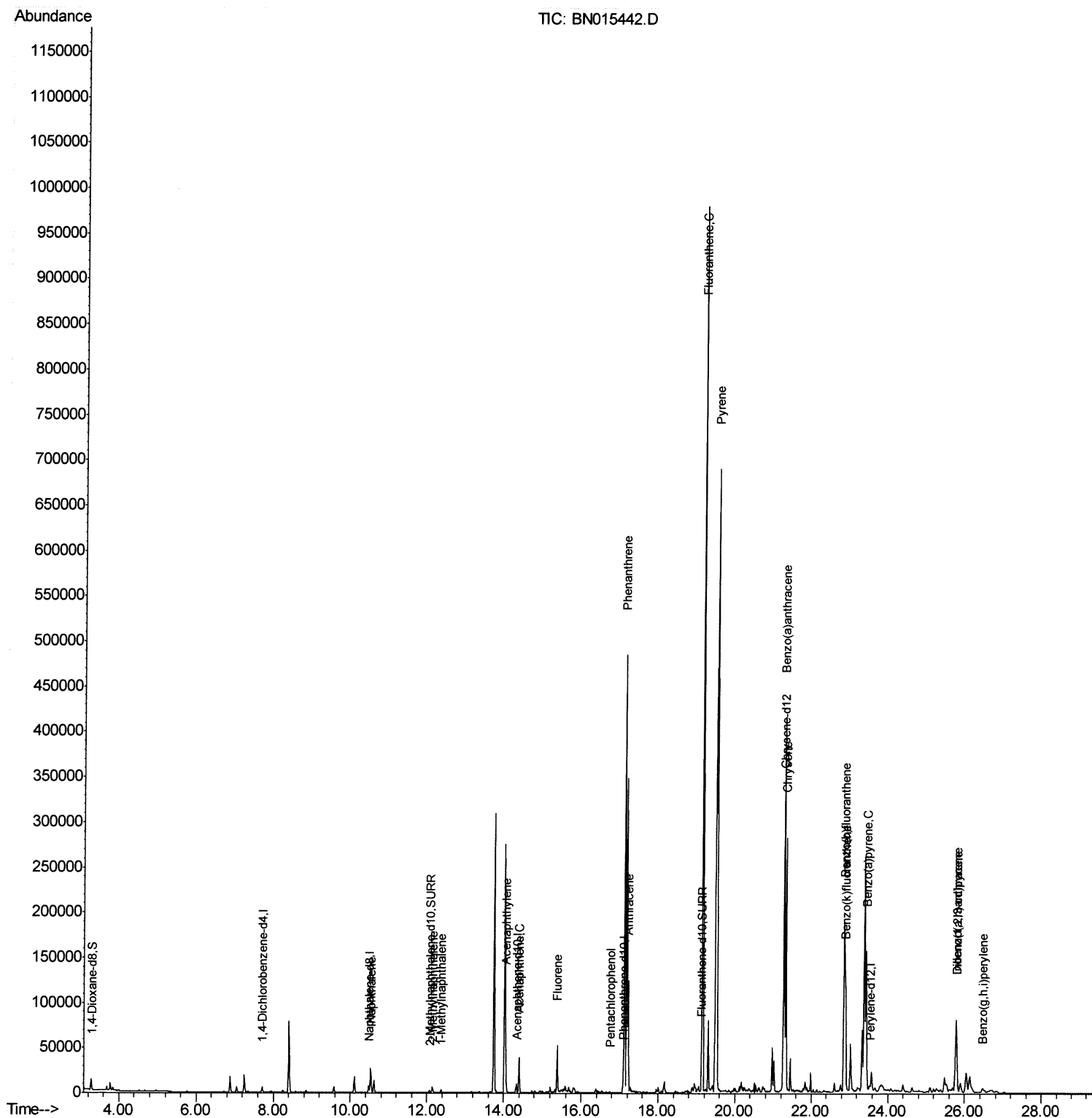
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015442.D
Acq On : 09 Jul 2021 12:45
Operator : CG/JU
Sample : M2854-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDS3

Manual Integrations
APPROVED

mohammad
7/9/2021 3:04:58 PM

Quant Time: Jul 09 13:16:55 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



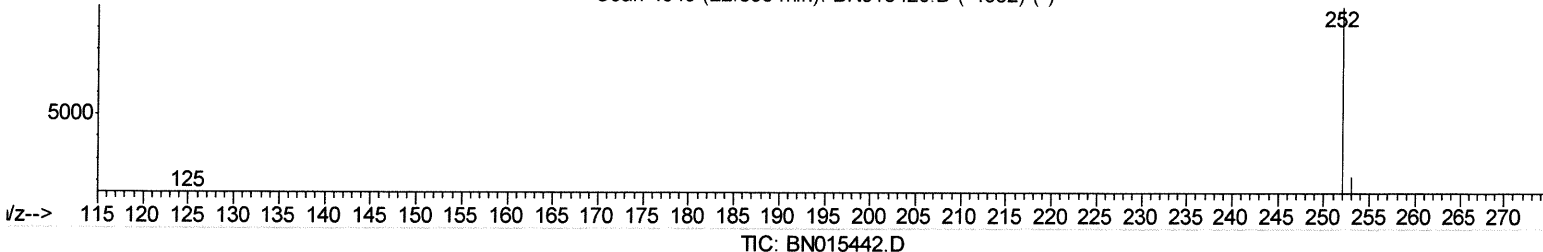
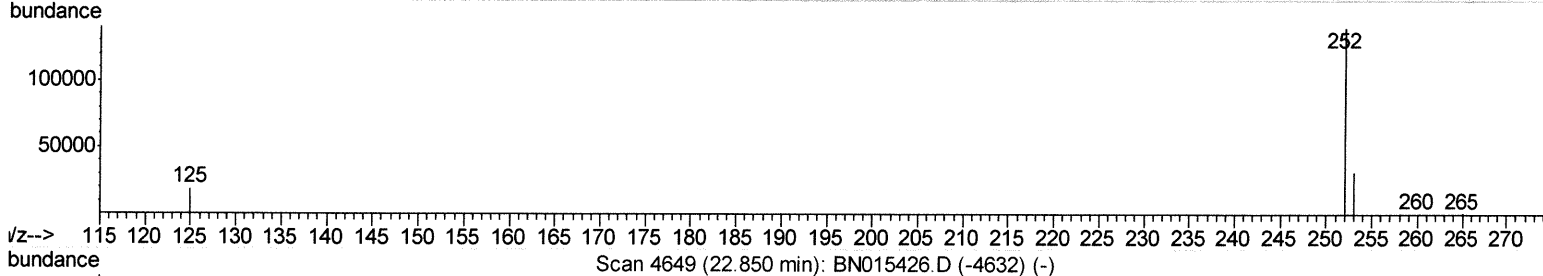
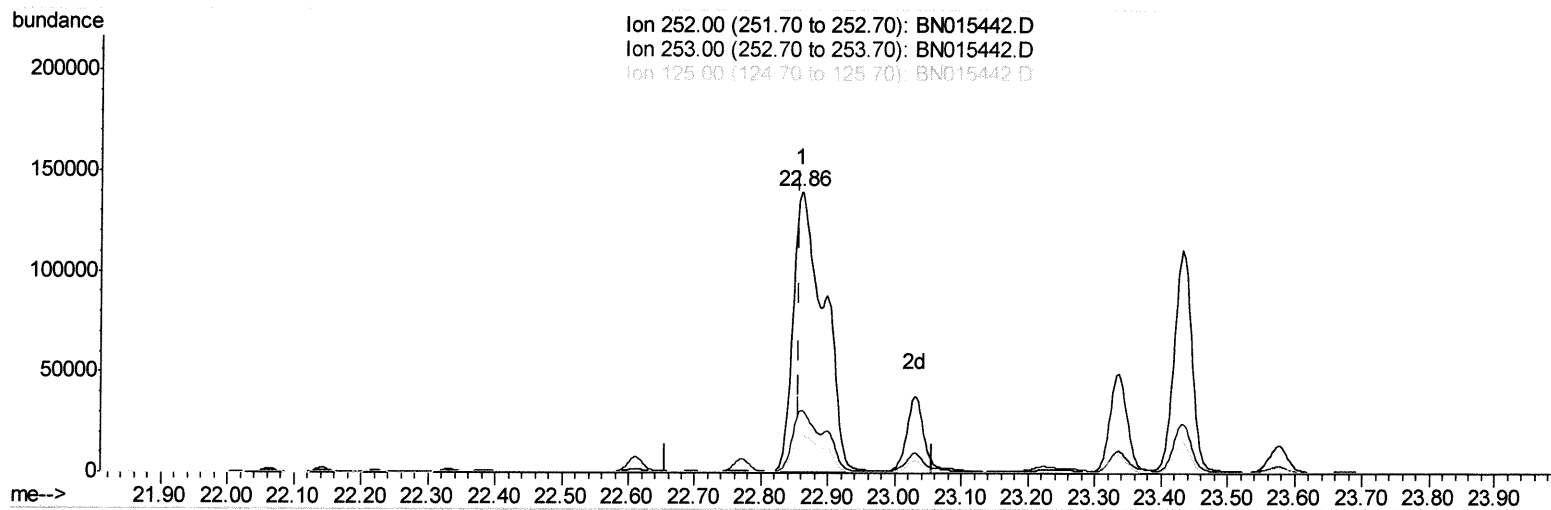
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(24) Benzo(b)fluoranthene

22.859min (+0.003) 14.00ng/ul

response 447492

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.36
125.00	14.20	13.36
0.00	0.00	0.00

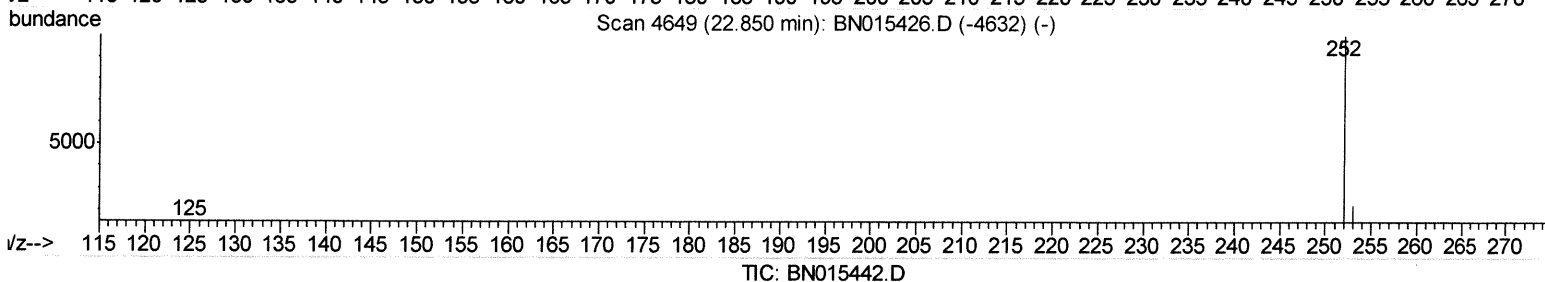
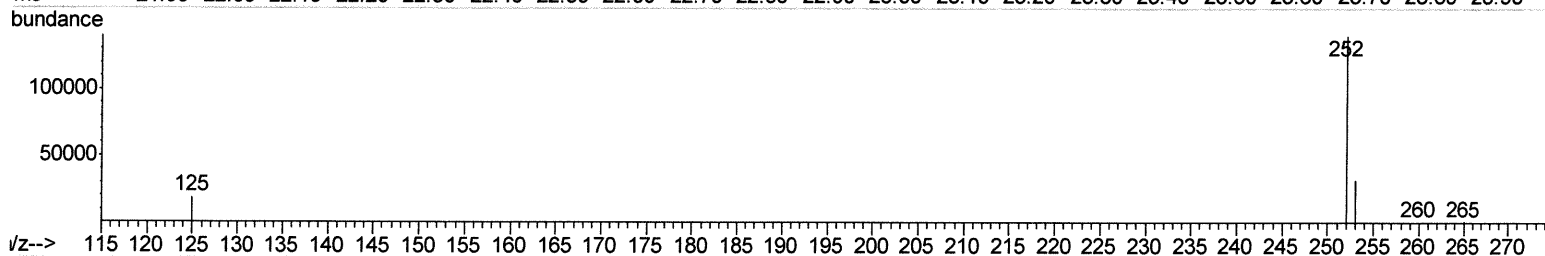
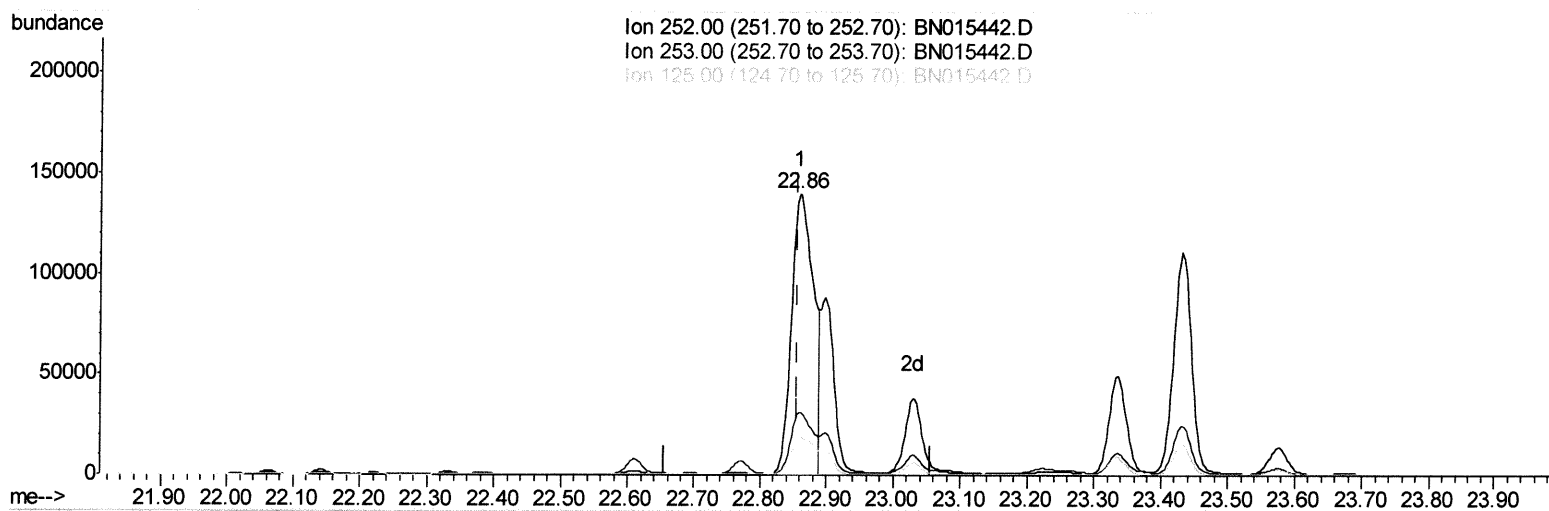
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(24) Benzo(b)fluoranthene

22.859min (+0.003) 10.10ng/ul m 07/12/21 JU

response 322897

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.36
125.00	14.20	13.36
0.00	0.00	0.00

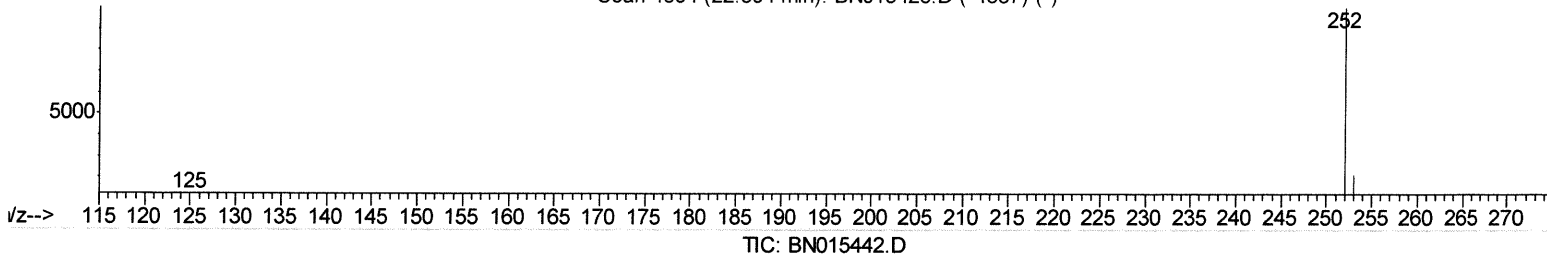
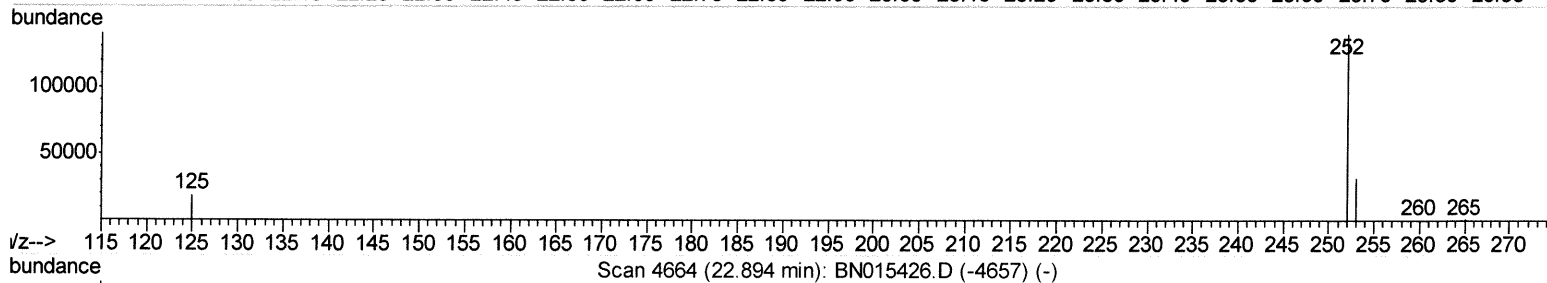
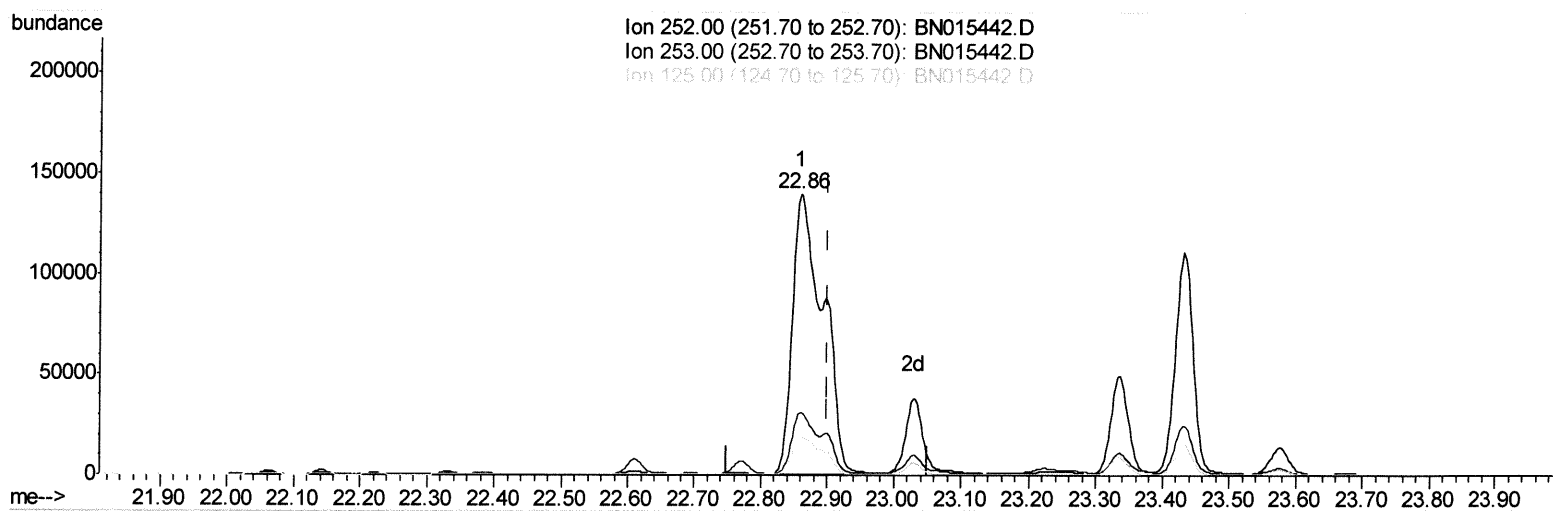
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(25) Benzo(k)fluoranthene

22.859min (-0.041) 12.40ng/ui

response 447492

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.36
125.00	14.40	13.36
0.00	0.00	0.00

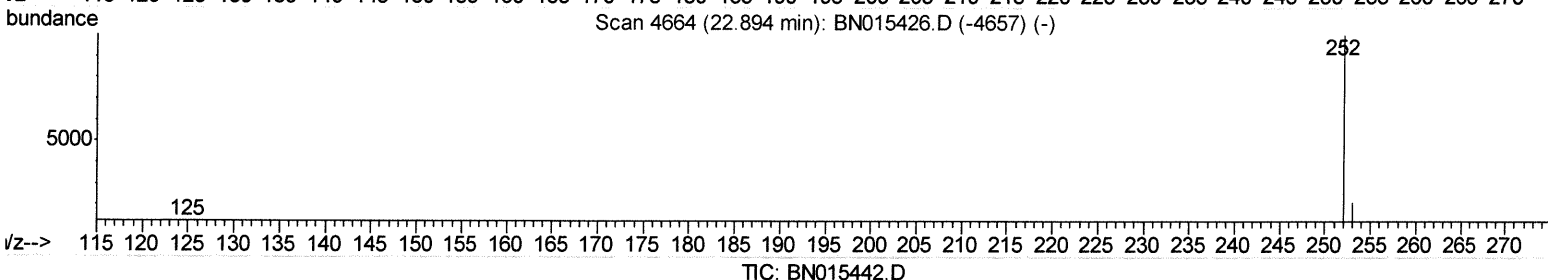
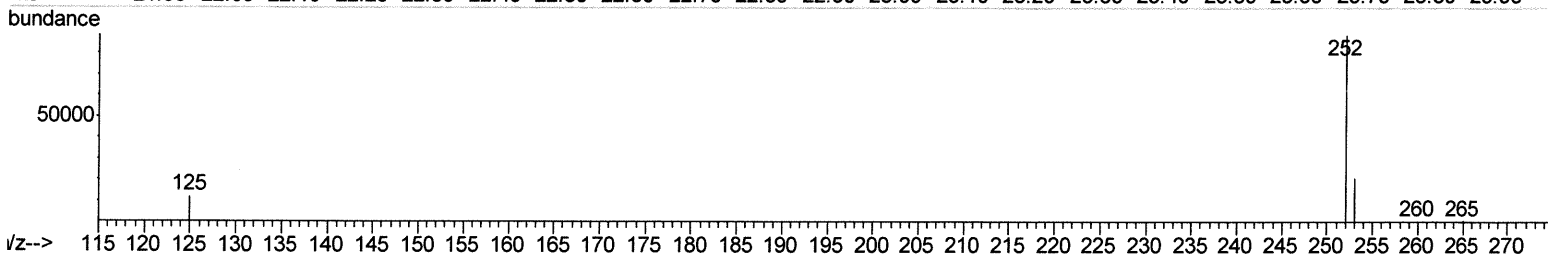
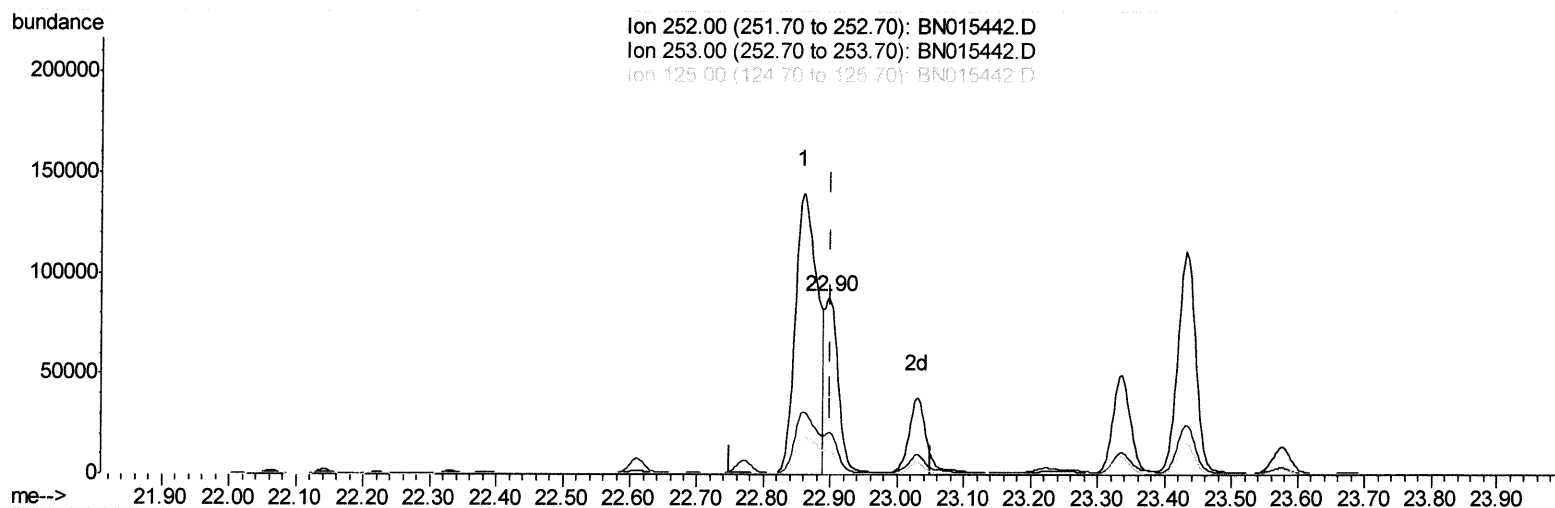
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(25) Benzo(k)fluoranthene

22.897min (-0.003) 3.53ng/ul m 07/12/21 JU

response 127452

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.51
125.00	14.40	13.26
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	7.72	152	2691	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	9428	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	5107	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	10053	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	8138	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	6843	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	8174	2.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	3101	0.21	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	7082	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.53	128	35582	1.183	ng/ul	99
7) 2-Methylnaphthalene	12.15	142	4377	0.222	ng/ul	99
8) 1-Methylnaphthalene	12.37	142	2413	0.127	ng/ul	100
10) Acenaphthylene	14.05	152	53368	2.021	ng/ul	100
11) Acenaphthene	14.40	153	22176	1.096	ng/ul	99
12) Fluorene	15.39	166	32177	1.439	ng/ul	99
14) Pentachlorophenol	16.74	266	149	0.067	ng/ul	96
15) Phenanthrene	17.12	178	498308	13.657	ng/ul	100
16) Anthracene	17.22	178	122876	3.820	ng/ul	99
19) Fluoranthene	19.15	202	802625	21.344	ng/ul	98
20) Pyrene	19.52	202	567044	15.035	ng/ul	99
21) Benzo(a)anthracene	21.27	228	355719	11.800	ng/ul	97
22) Chrysene	21.32	228	262185	7.265	ng/ul	98
24) Benzo(b)fluoranthene	22.86	252	322897m	10.100	ng/ul	> 07/12/21 JU
25) Benzo(k)fluoranthene	22.90	252	127452m	3.532	ng/ul	>
26) Benzo(a)pyrene	23.43	252	203839	7.592	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.77	276	118035	3.640	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.78	278	35602	1.400	ng/ul	98
29) Benzo(g,h,i)perylene	26.46	276	10428	0.347	ng/ul#	91

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