

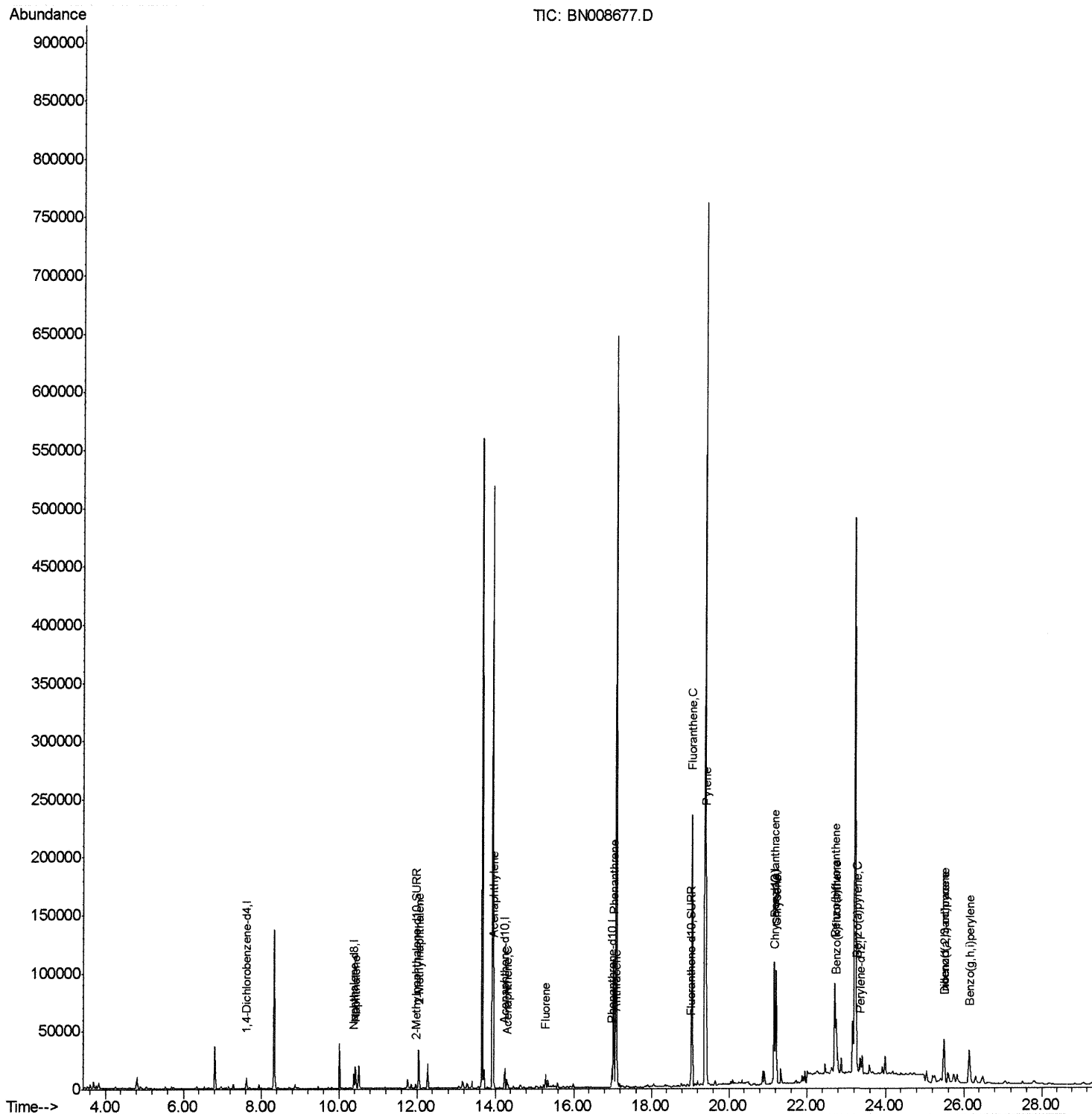
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008677.D
Acq On : 21 Nov 2019 01:07
Operator : JU
Sample : K5851-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations
APPROVED

mohammad
11/21/2019 1:06:43 PM

Quant Time: Nov 21 02:46:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 00:43:05 2019
Response via : Initial Calibration



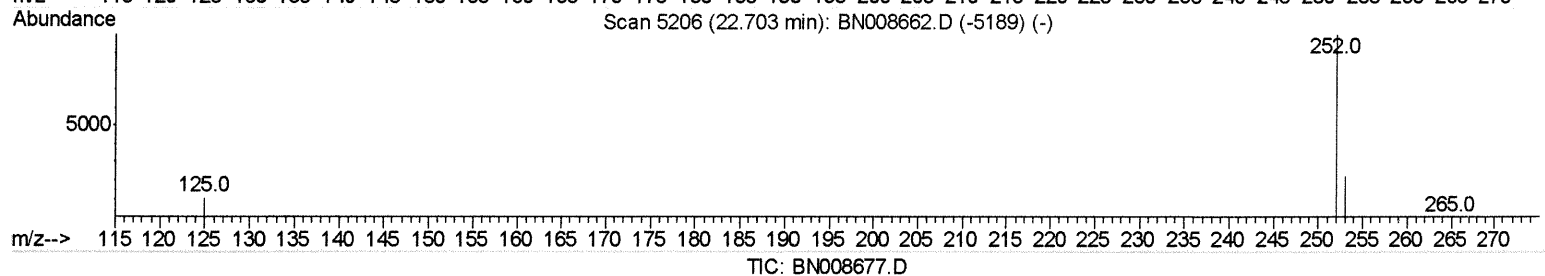
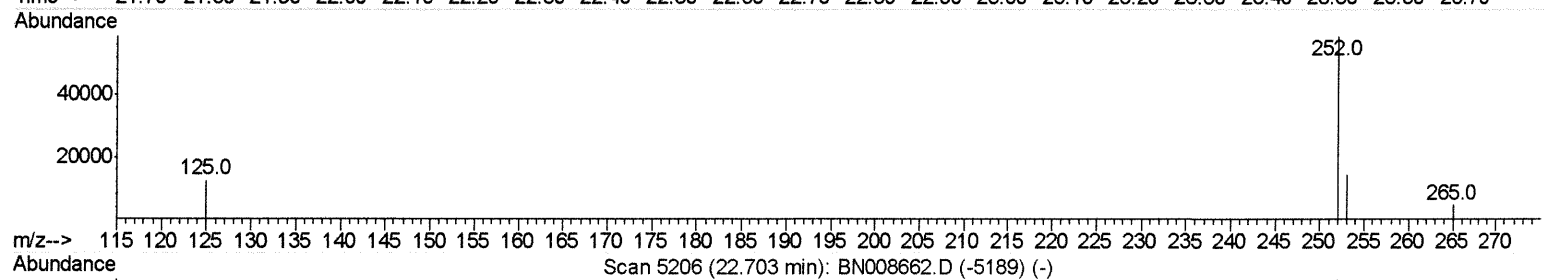
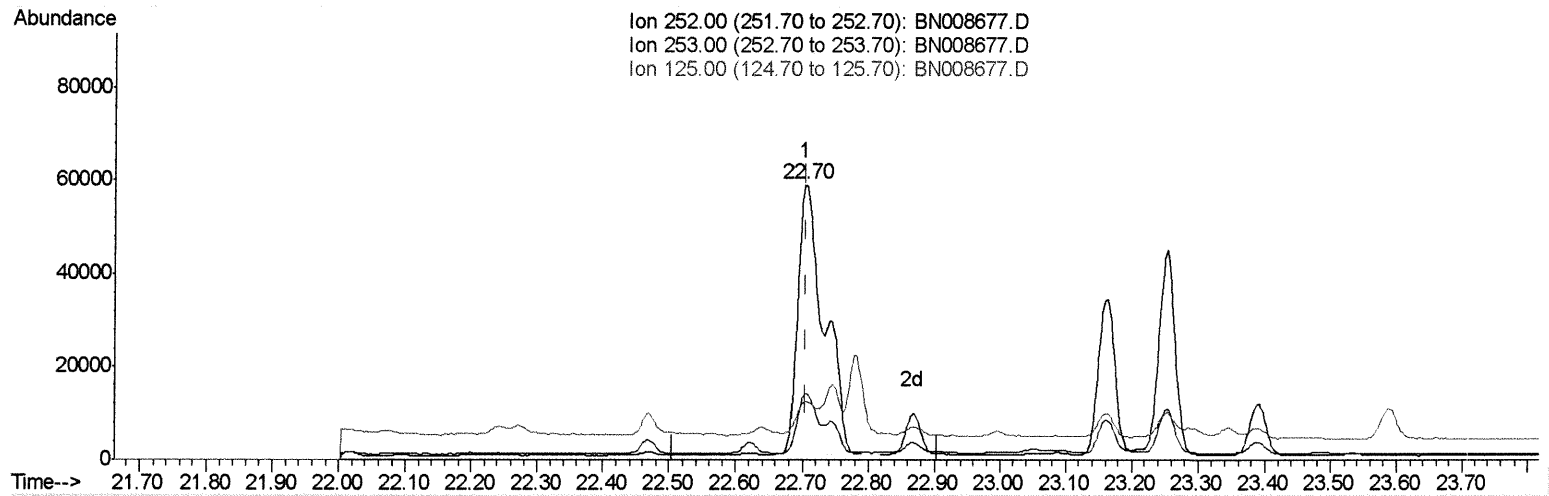
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(21) Benzo(b)fluoranthene

22.703min (-0.003) 2.86ng/ul

response 159779

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.20
125.00	15.00	21.32
0.00	0.00	0.00

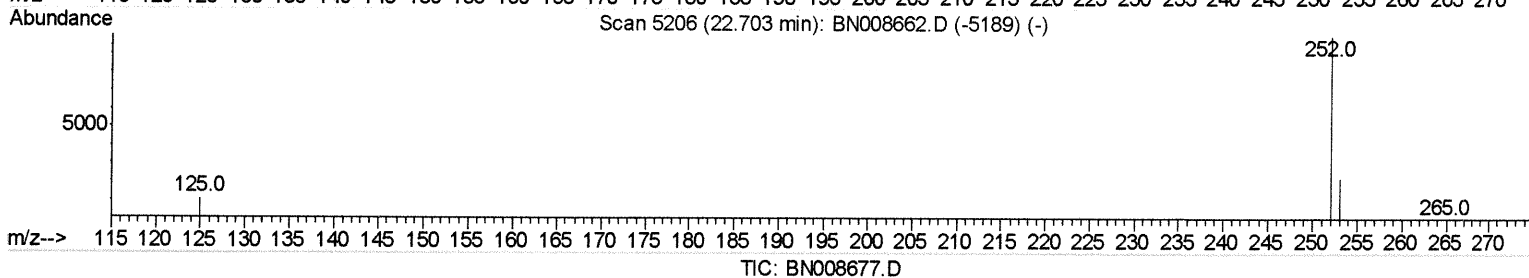
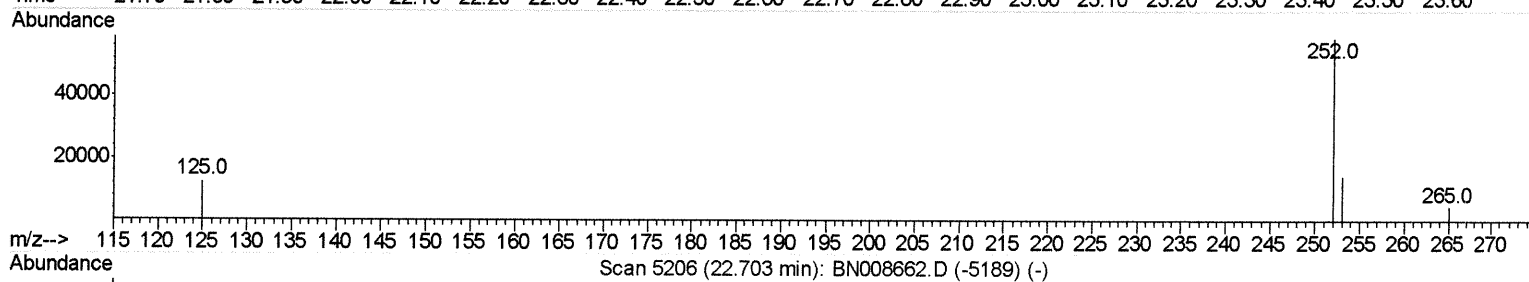
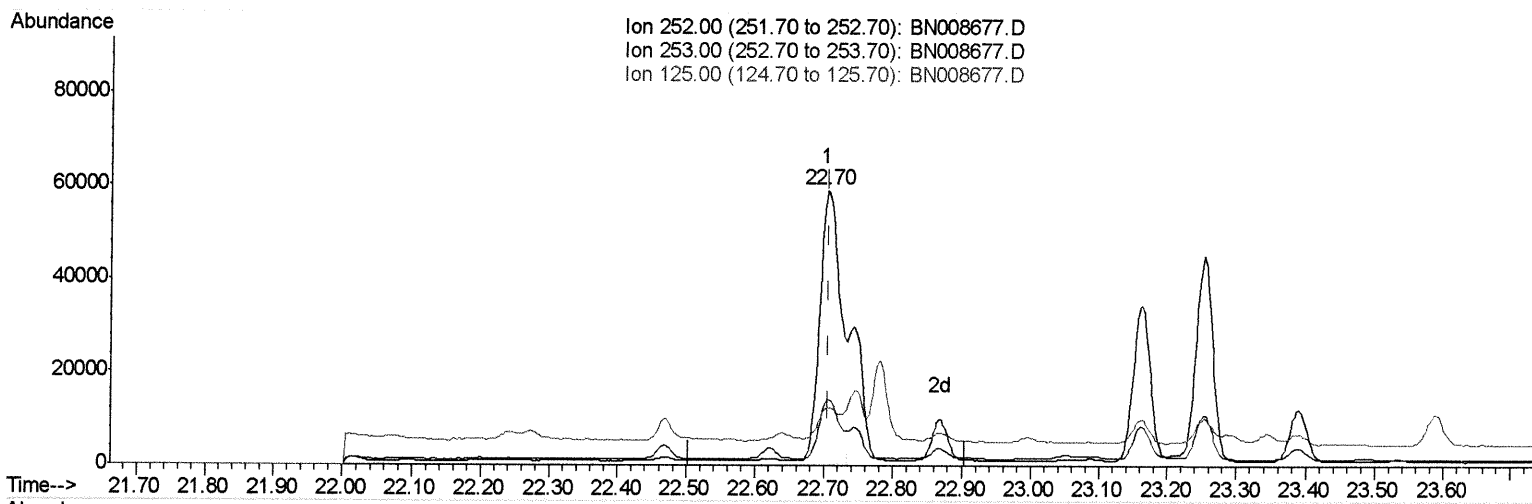
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(21) Benzo(b)fluoranthene

22.703min (-0.003) 2.16ng/ul m JU 11/25/19

response 120719

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.20
125.00	15.00	21.32
0.00	0.00	0.00

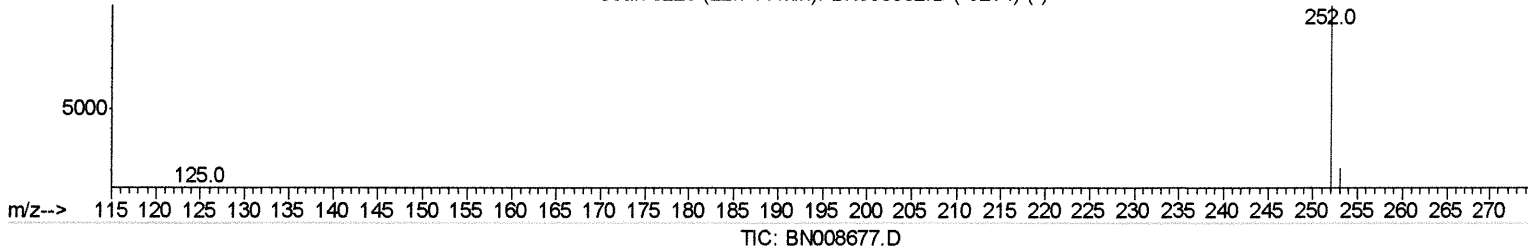
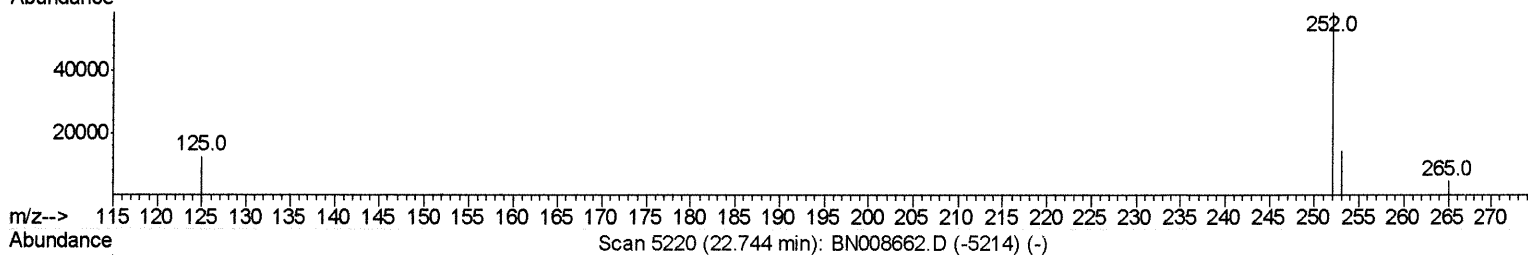
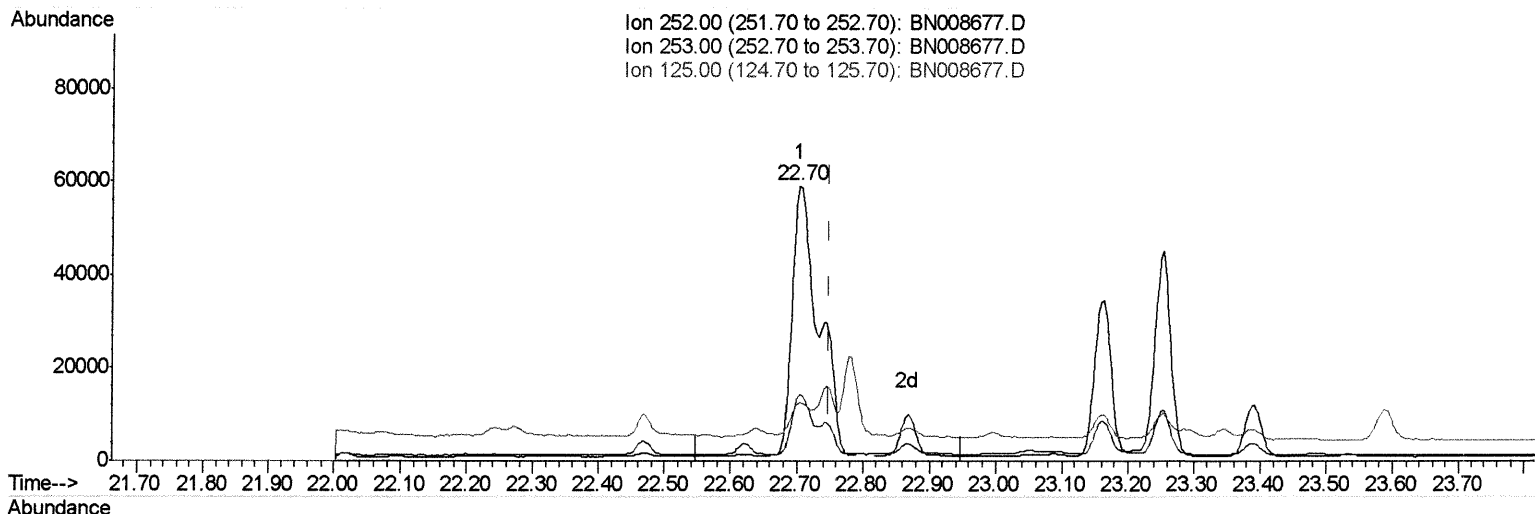
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(22) Benzo(k)fluoranthene

22.703min (-0.047) 2.88ng/ul

response 159779

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	24.20
125.00	18.70	21.32
0.00	0.00	0.00

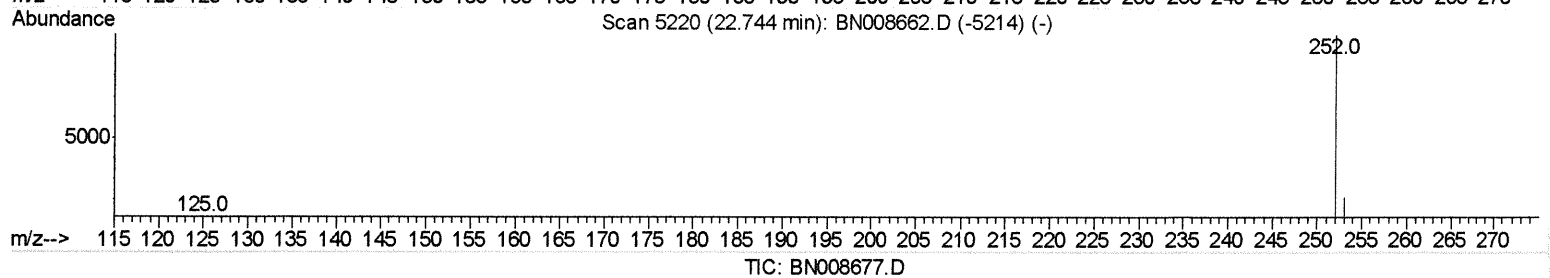
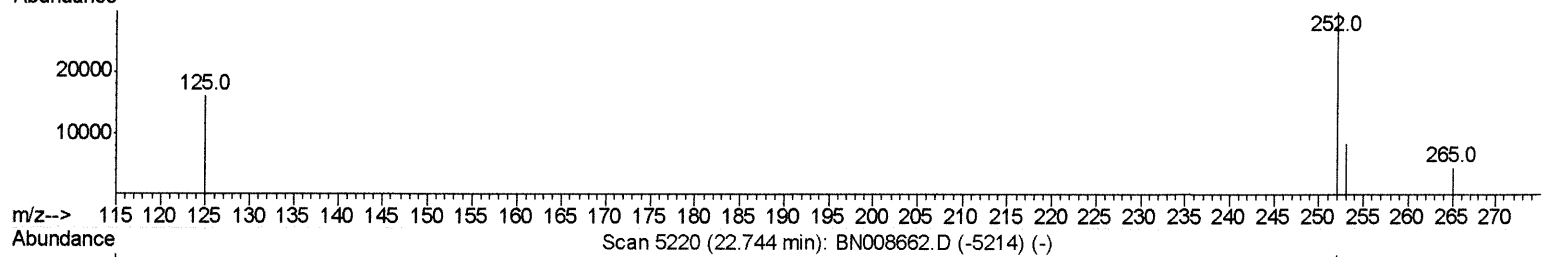
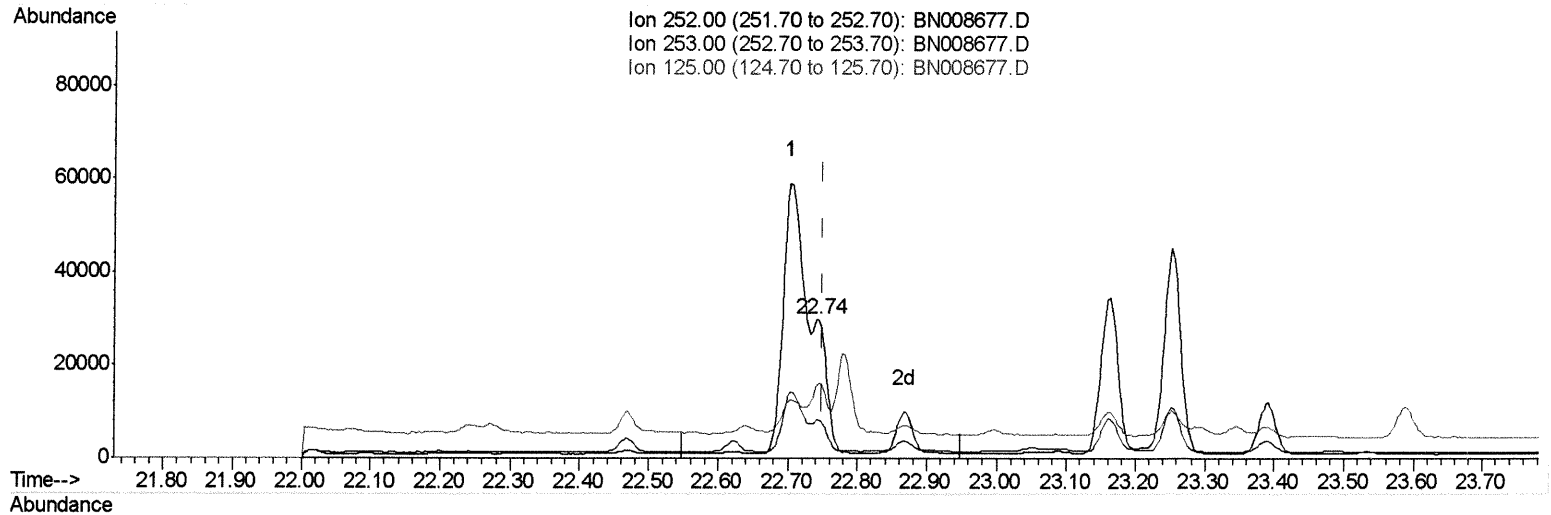
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(22) Benzo(k)fluoranthene

22.744min (-0.006) 0.73ng/ul m JU 11/23/19

response 40546

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	28.01
125.00	18.70	54.10#
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	7.62	152	3968	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15169	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8722	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17445	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13439	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13556	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.97	152	4448	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	9503	0.18	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.42	128	24349	0.532	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	23009	0.721	ng/ul	100
7) Acenaphthylene	13.95	152	5607	0.116	ng/ul#	92
8) Acenaphthene	14.30	153	4634	0.129	ng/ul	99
9) Fluorene	15.29	166	6304	0.150	ng/ul#	92
12) Phenanthrene	17.02	178	113874	1.936	ng/ul	98
13) Anthracene	17.11	178	20888	0.376	ng/ul	99
15) Fluoranthene	19.04	202	202921	2.807	ng/ul	93
17) Pyrene	19.41	202	164861	3.058	ng/ul	99
18) Benzo(a)anthracene	21.16	228	84753	1.568	ng/ul	97
19) Chrysene	21.21	228	93685	1.765	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	120719m	2.160	ng/ul	>
22) Benzo(k)fluoranthene	22.74	252	40546m	0.731	ng/ul	>
23) Benzo(a)pyrene	23.25	252	75105	1.431	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.49	276	55370	0.902	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	13703	0.276	ng/ul#	63
26) Benzo(a,h,i)perylene	26.13	276	55470	1.081	ng/ul	95

JU 11/25/19

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