

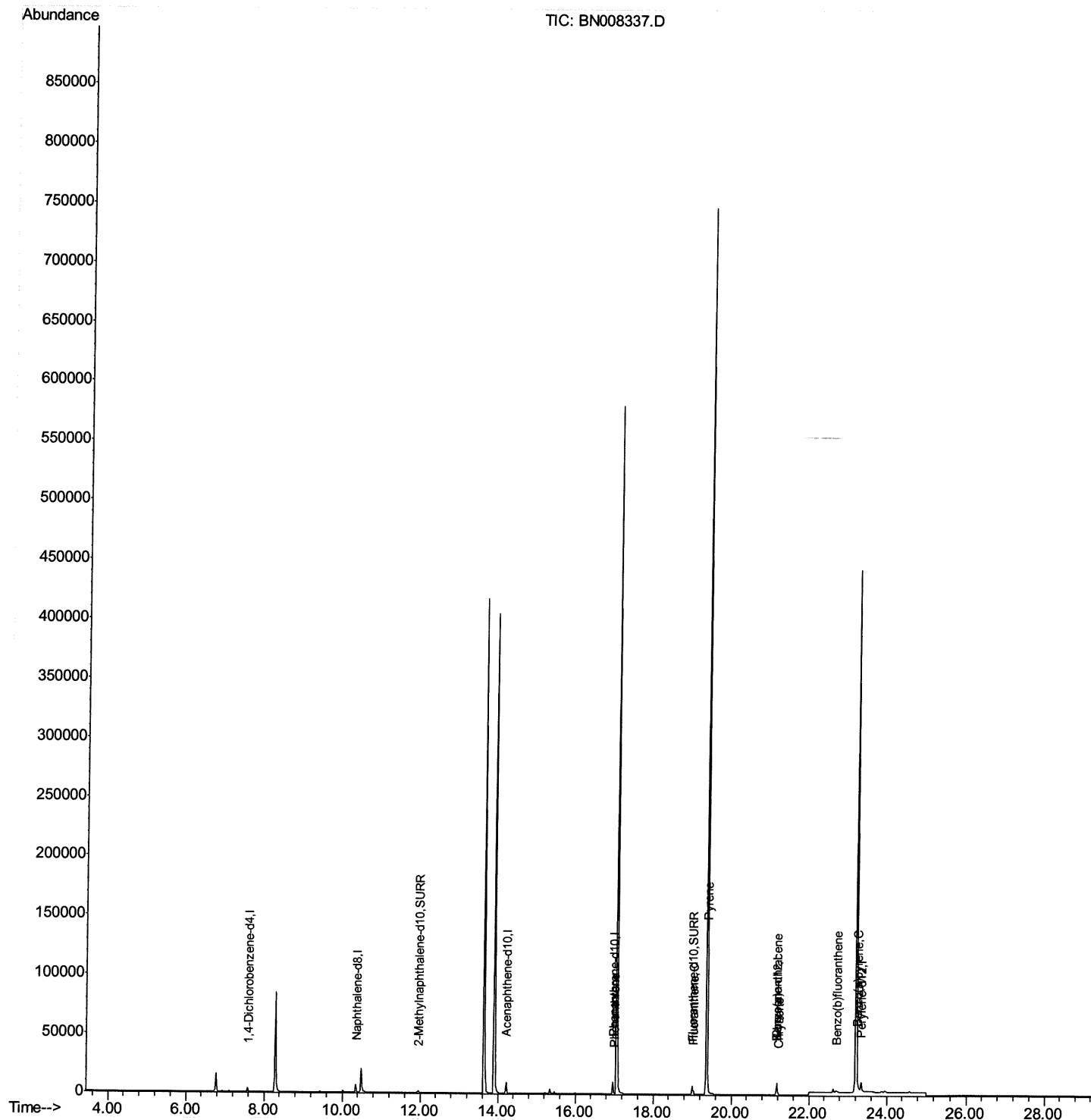
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008337.D
Acq On : 23 Oct 2019 05:08
Operator : JU
Sample : K5223-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:08 AM

Quant Time: Oct 23 07:10:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration



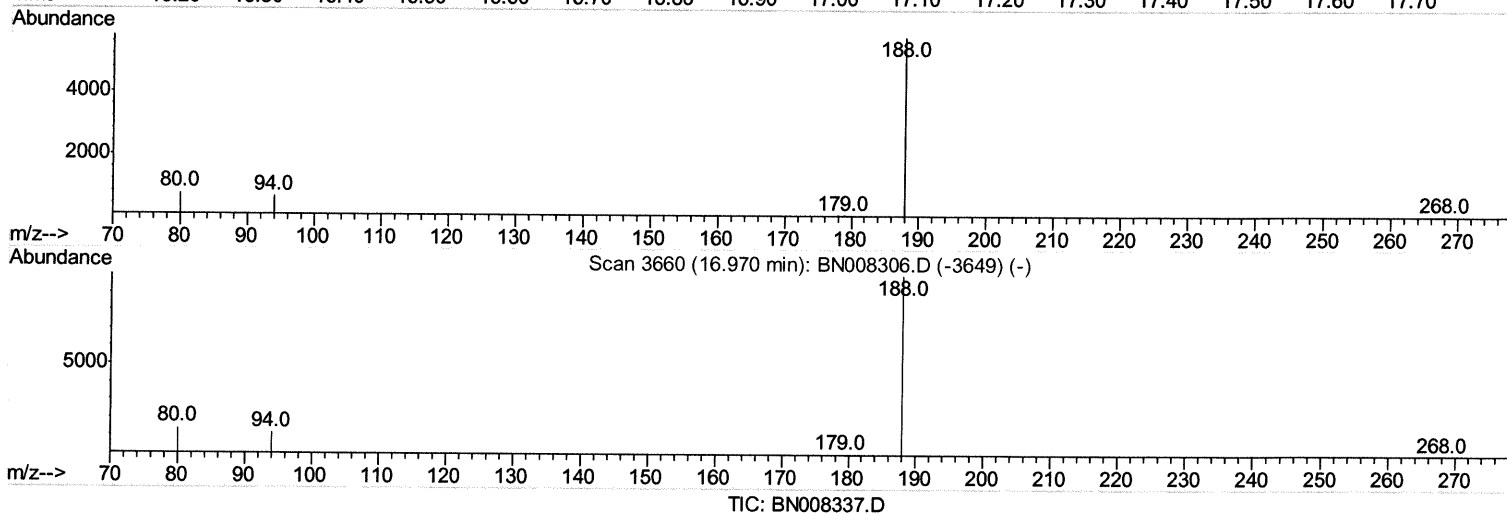
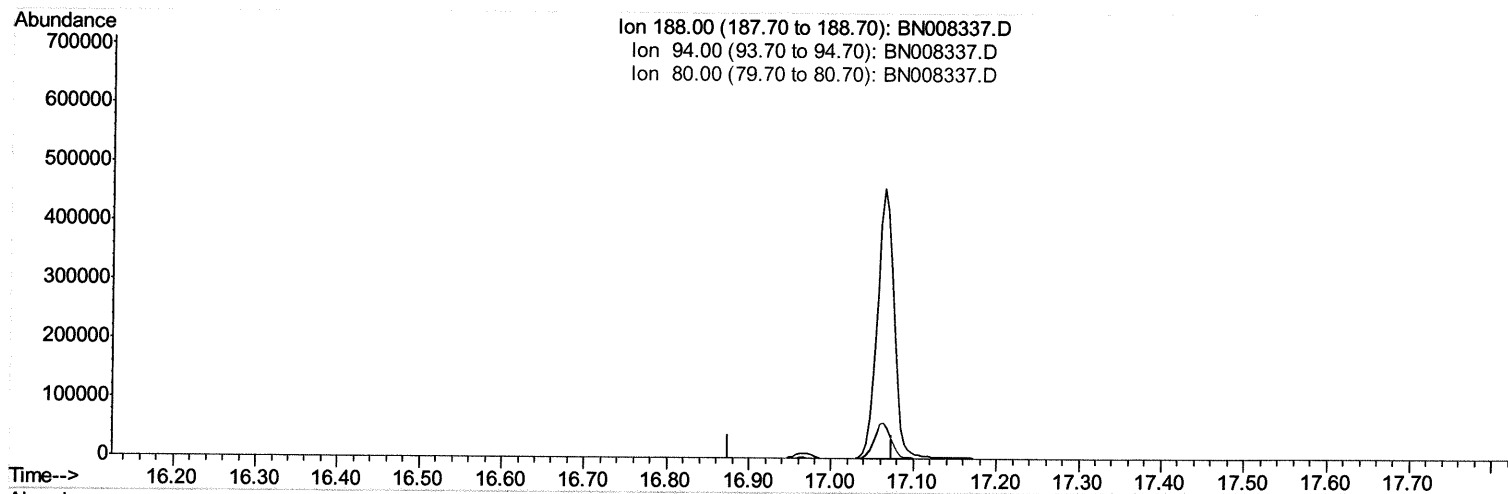
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(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

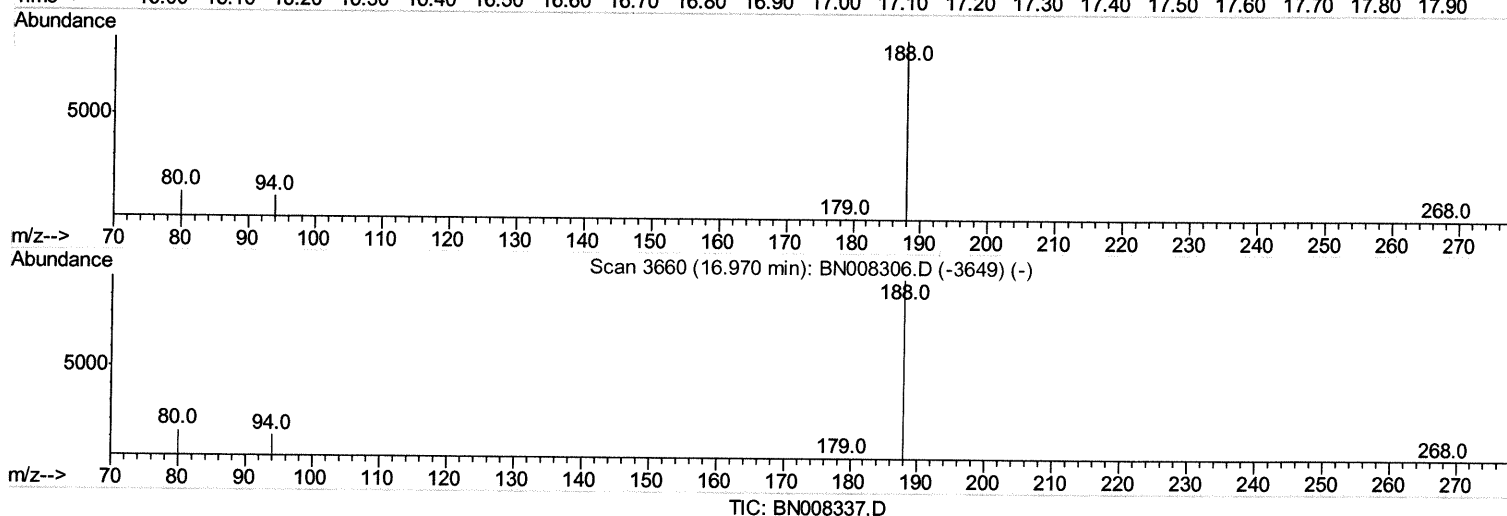
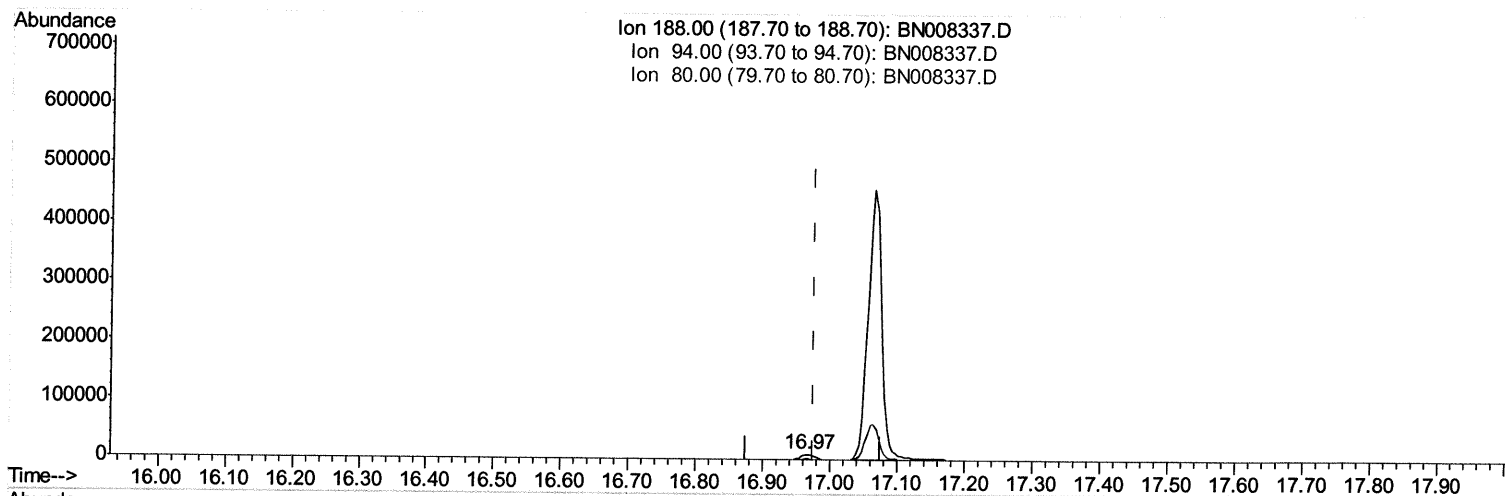
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(10) Phenanthrene-d10 (I)

16.966min (-0.008) 0.40ng/ul m *M 10.23.19*

response 12205

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.81
80.00	12.60	14.35
0.00	0.00	0.00

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Operator : JU

Sample : K5223-13

Misc :

ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

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Manual Integrations
APPROVEDmohammad
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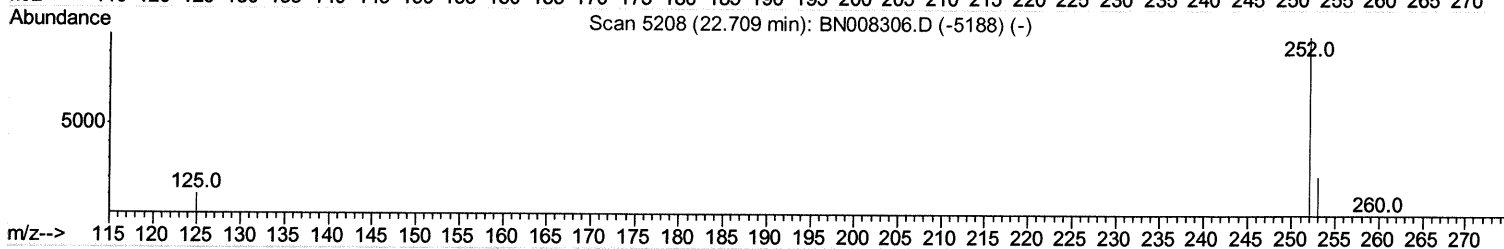
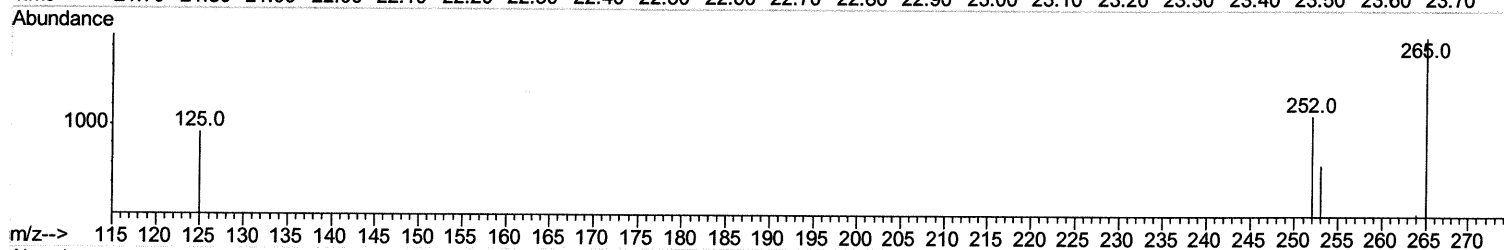
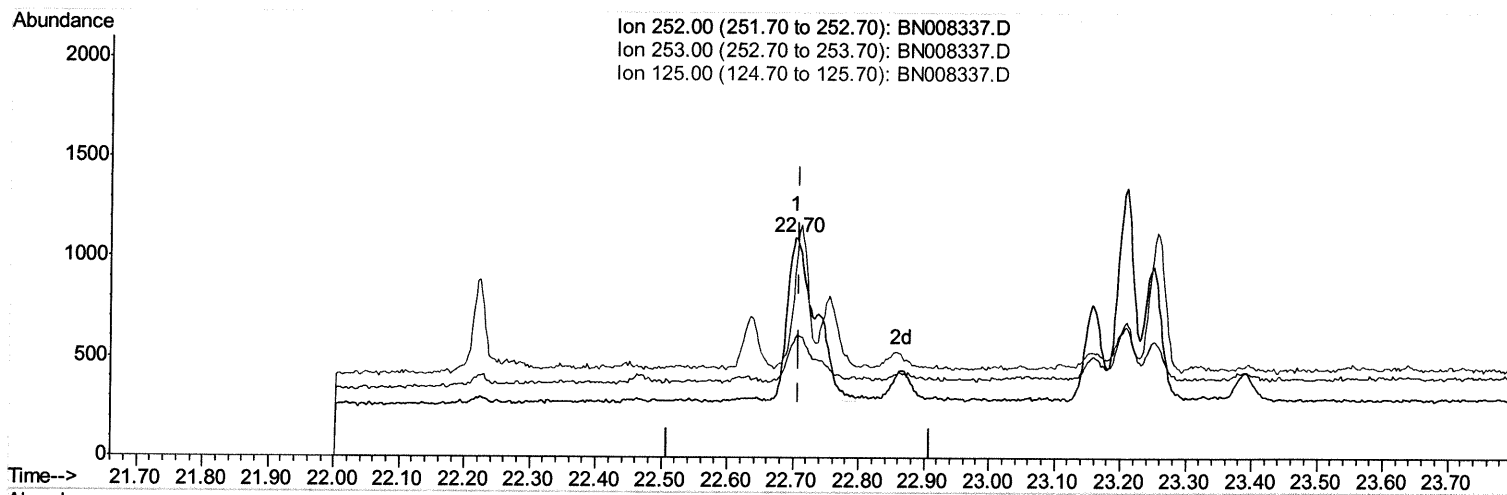
Quant Time: Oct 23 07:09:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 21 23:58:15 2019

Response via : Initial Calibration



TIC: BN008337.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.08ng/ul

response 2513

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	54.36#
125.00	16.20	82.76#
0.00	0.00	0.00

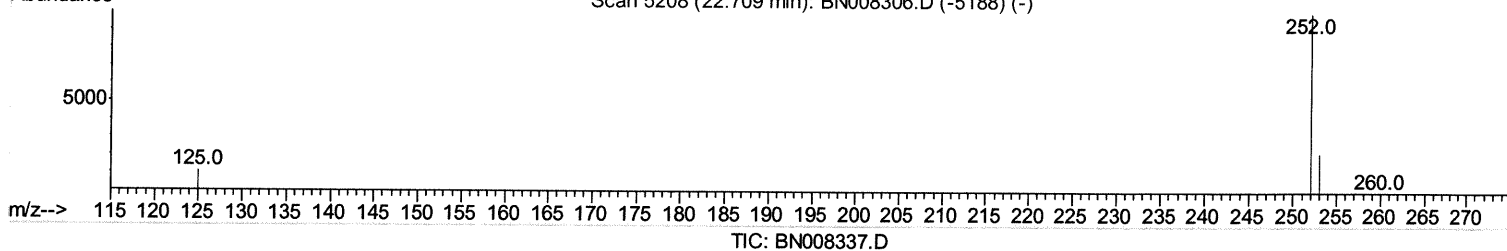
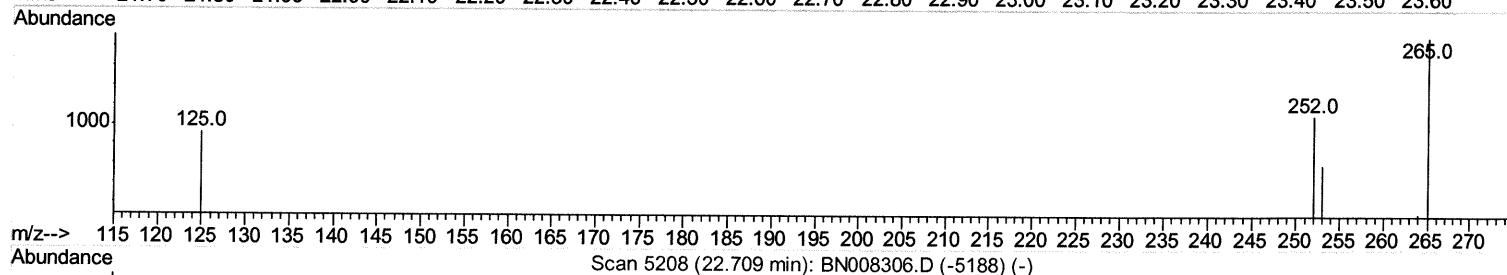
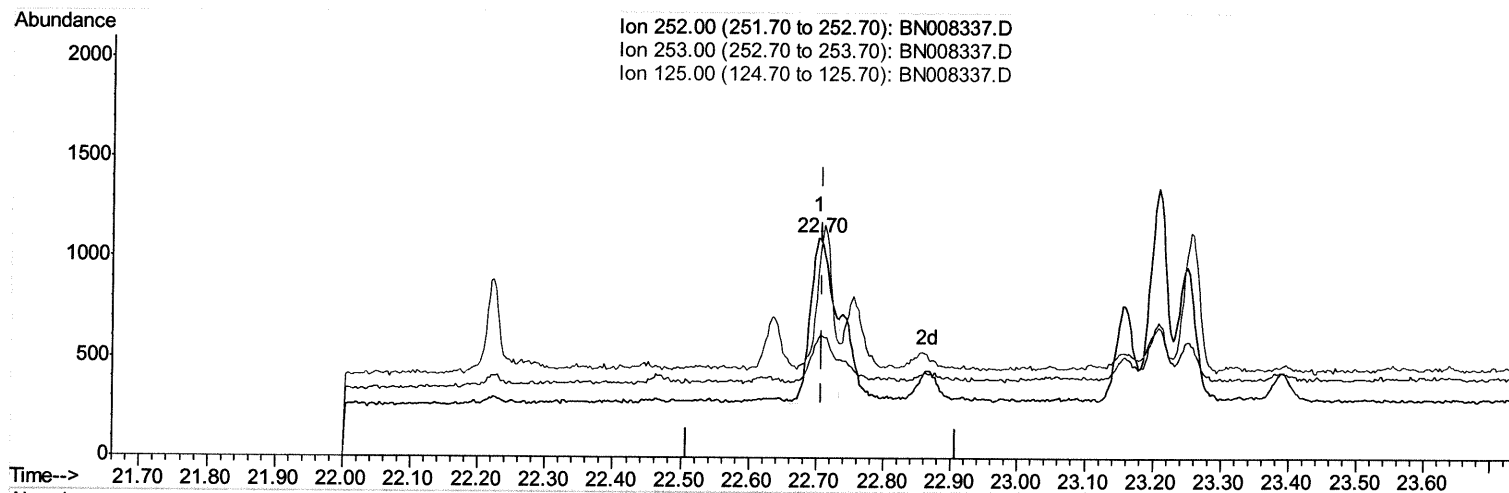
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(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.06ng/ul m *24.10.23.19*

response 1887

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	54.36#
125.00	16.20	82.76#
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	7.58	152	1901	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9158	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5607	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12205m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10705	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9481	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	3052	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8151	0.19	ng/ul	0.00

Target Compounds

					Ovalue
12) Phenanthrene	17.01	178	1210	0.034	ng/ul# 89
15) Fluoranthene	19.03	202	2949	0.062	ng/ul 91
17) Pyrene	19.39	202	2762	0.065	ng/ul# 82
18) Benzo(a)anthracene	21.16	228	1375	0.035	ng/ul# 86
19) Chrysene	21.21	228	1472	0.031	ng/ul# 88
21) Benzo(b)fluoranthene	22.70	252	1887m	0.061	ng/ul# 7
23) Benzo(a)pyrene	23.25	252	1166	0.036	ng/ul# 1

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