

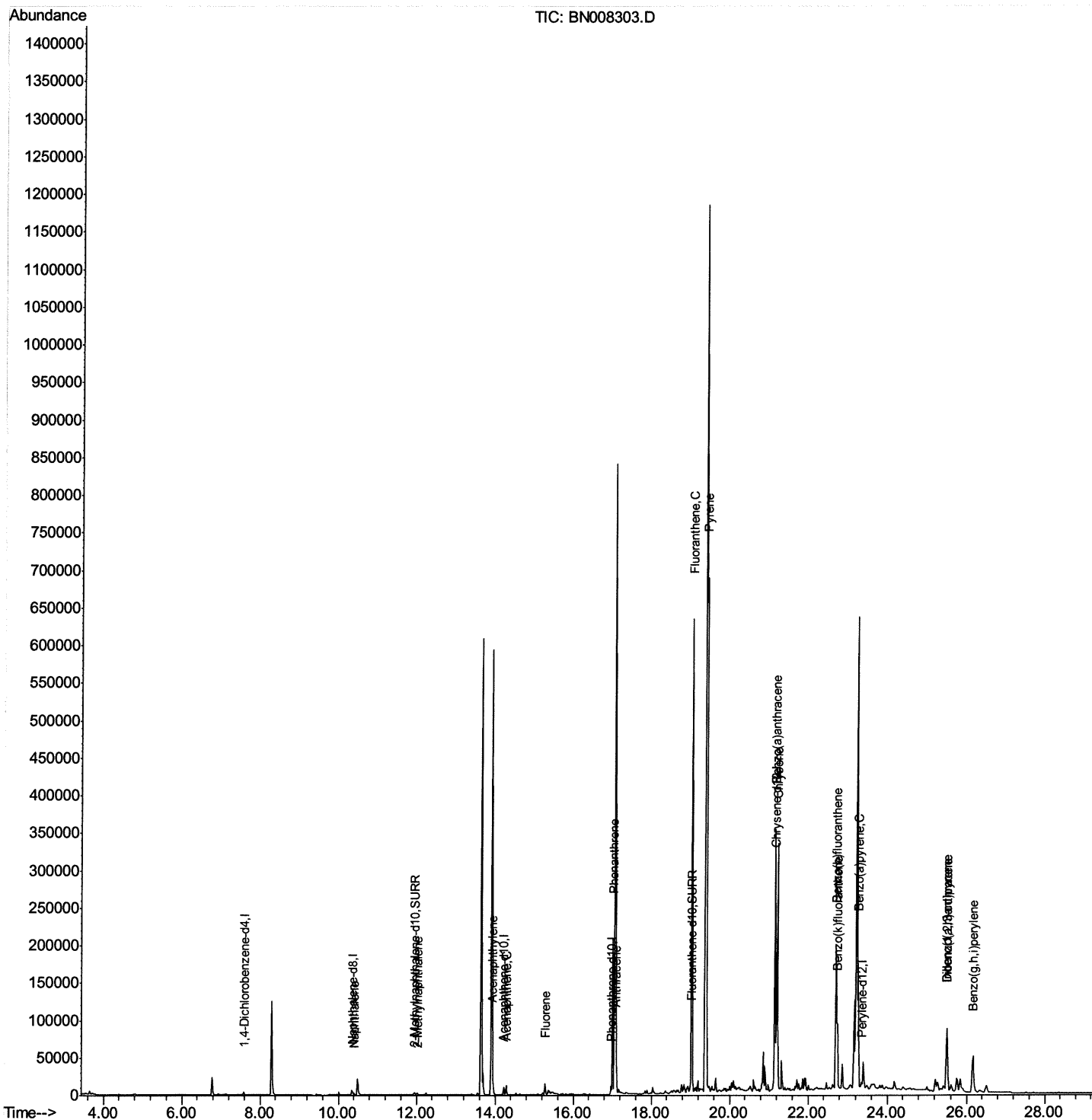
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008303.D
 Acq On : 22 Oct 2019 03:48
 Operator : JU
 Sample : K5199-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ5

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:28:20 PM

Quant Time: Oct 22 04:46:23 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



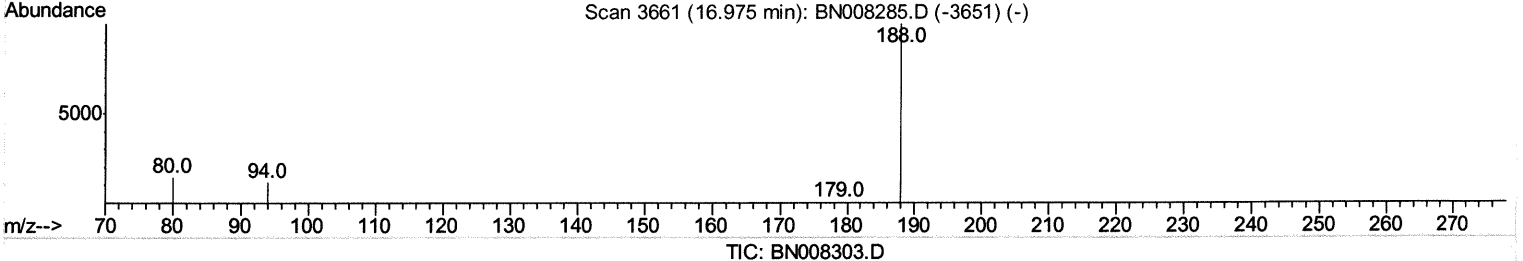
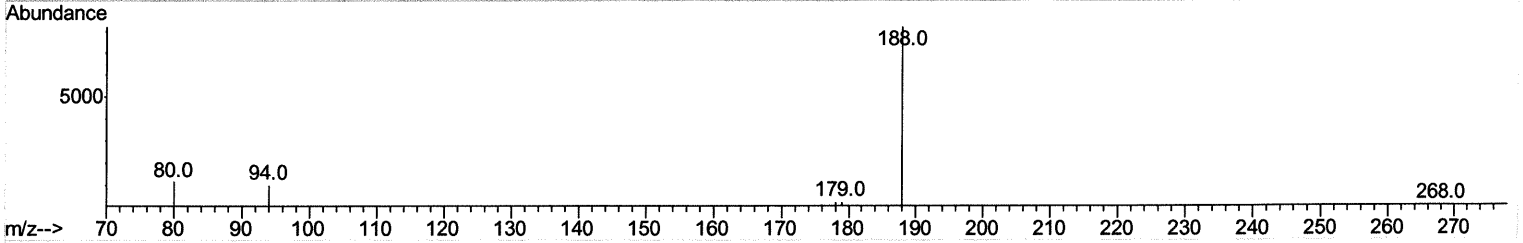
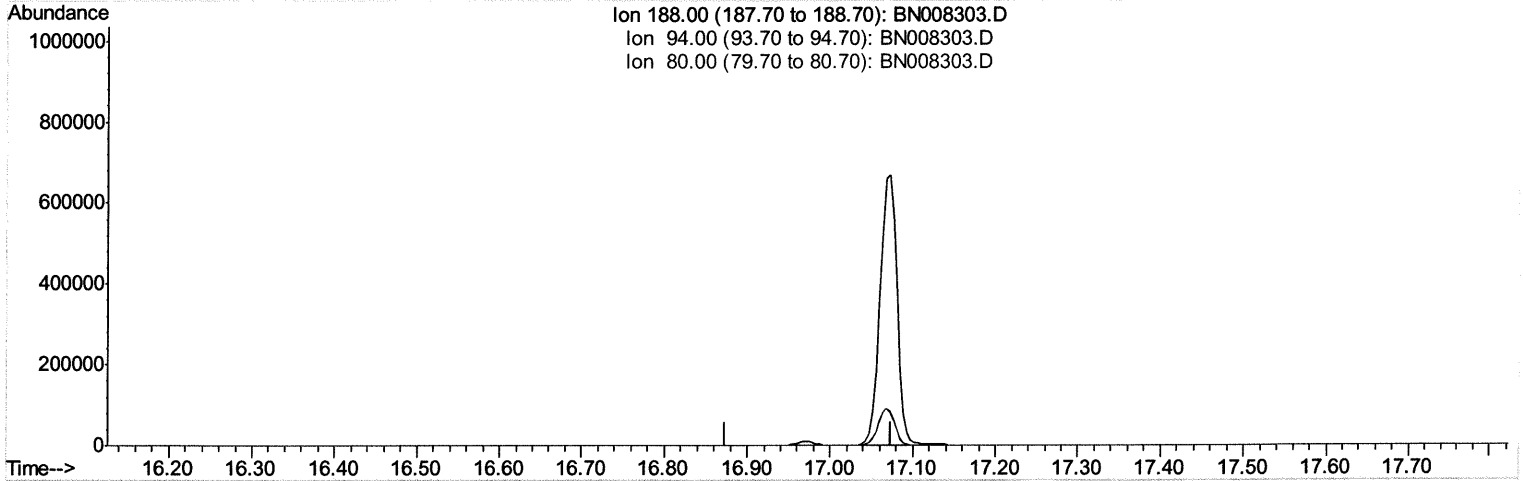
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TIC: BN008303.D

(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

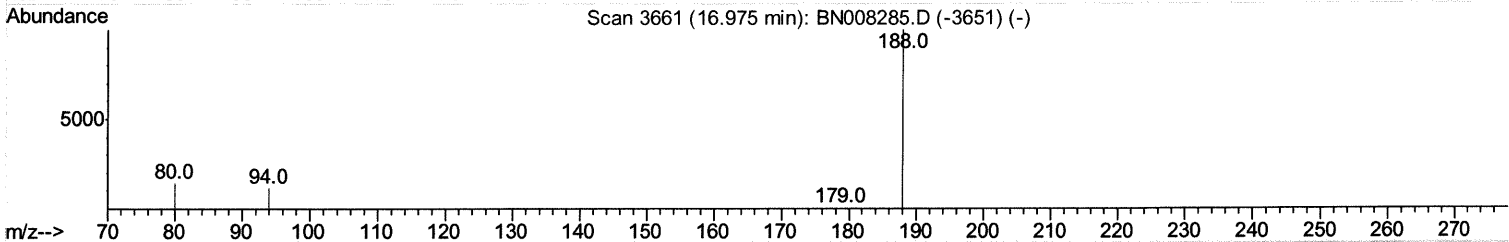
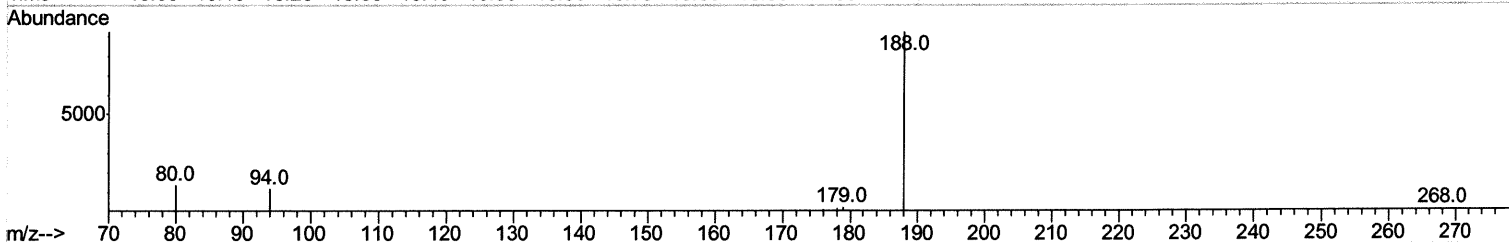
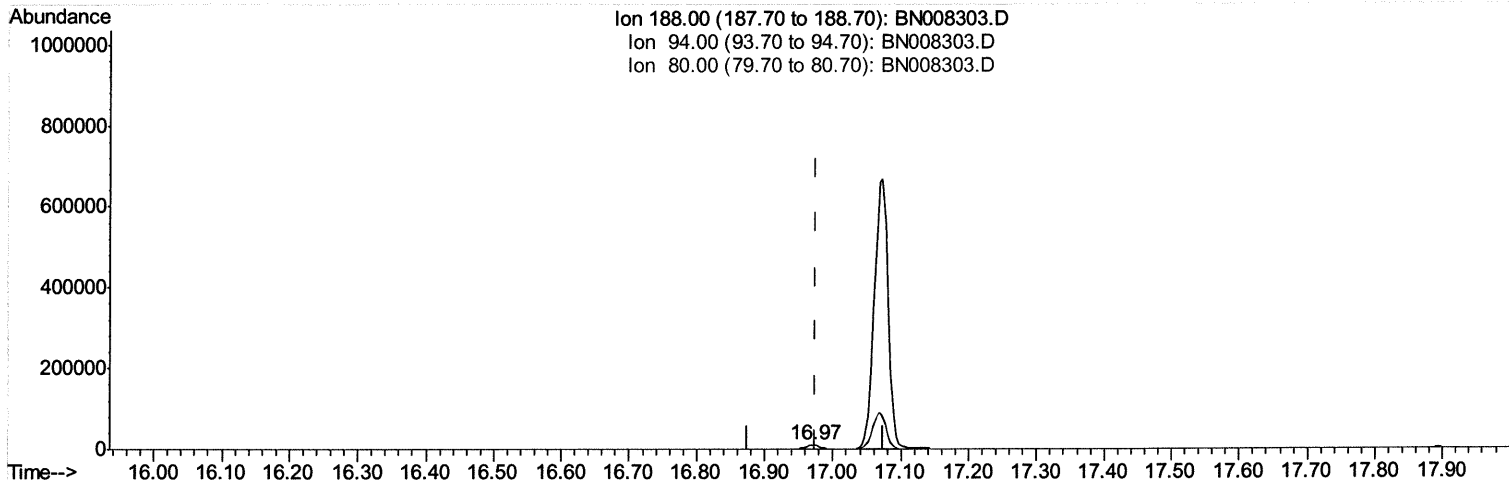
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Manual Integrations
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TIC: BN008303.D

(10) Phenanthrene-d10 (I)

16.971min (-0.004) 0.40ng/ul m *JU 10.23.19*

response 12901

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.82
80.00	12.60	14.81
0.00	0.00	0.00

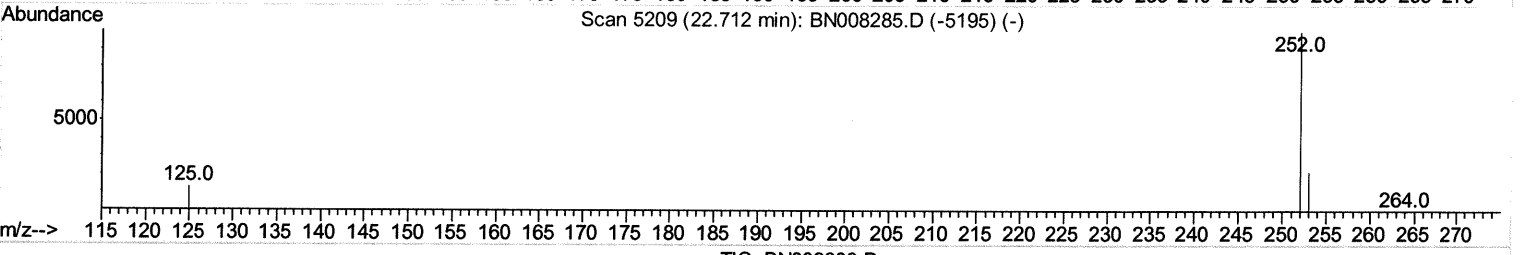
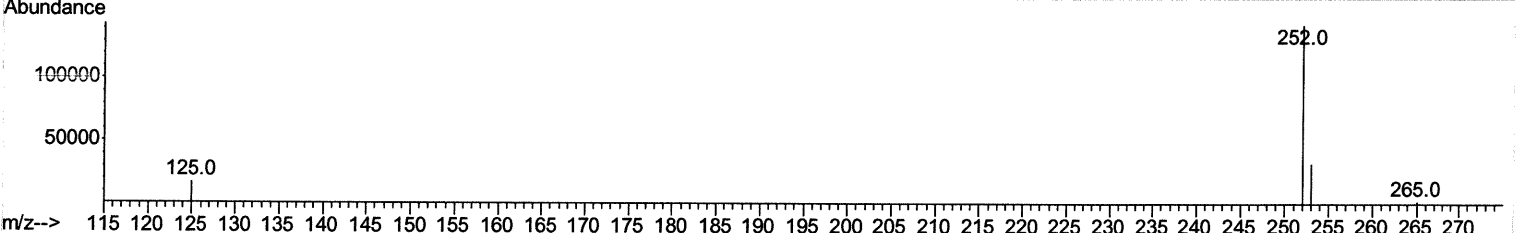
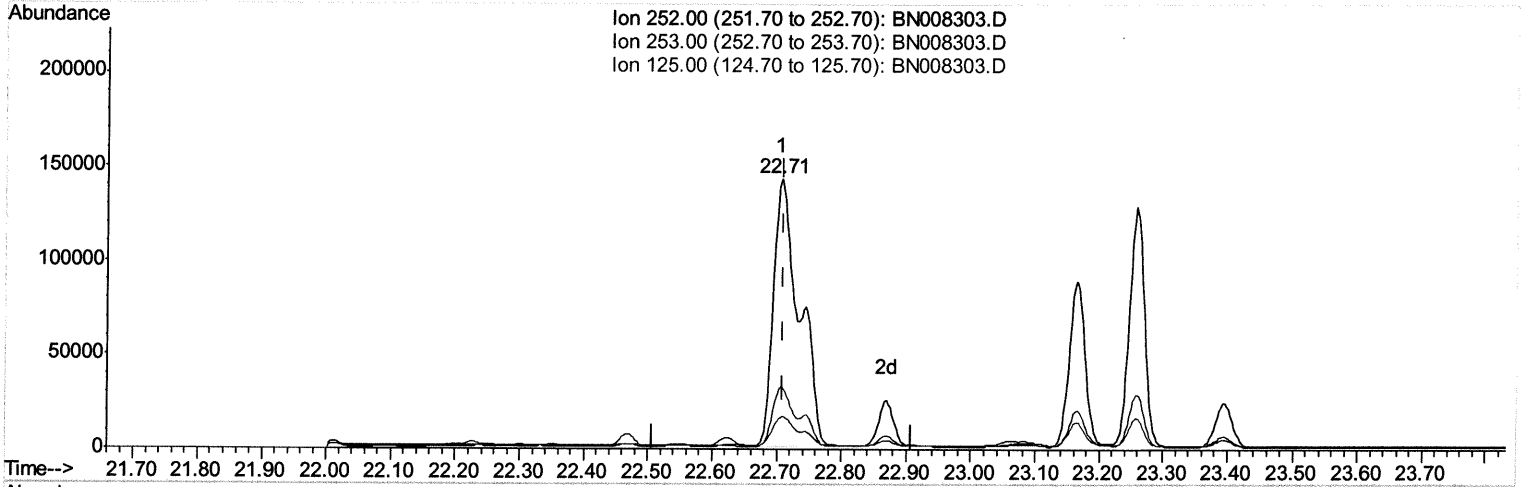
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Instrument :
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Manual Integrations
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Quant Time: Oct 22 04:45:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(21) Benzo(b)fluoranthene

22.706min (-0.003) 13.50ng/ul

response 400036

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.03
125.00	16.20	12.05
0.00	0.00	0.00

Quantitation Report (Qedit)

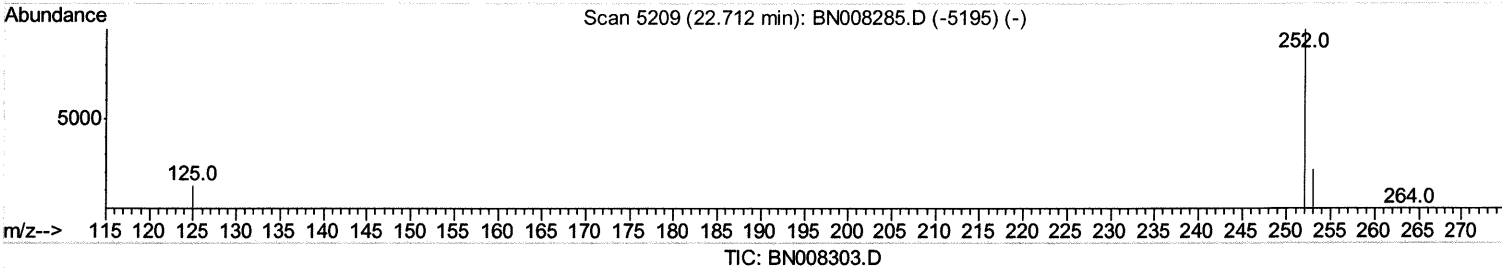
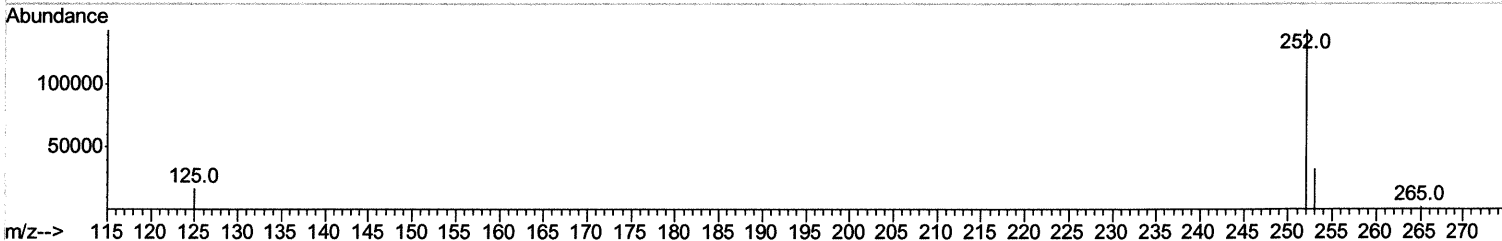
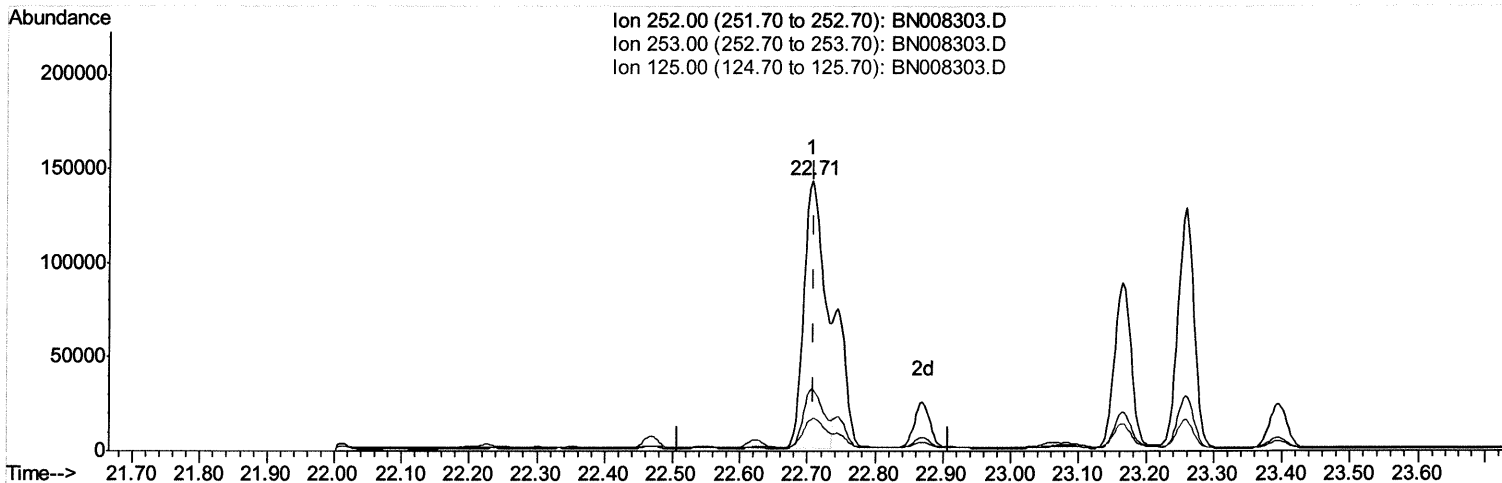
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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

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(21) Benzo(b)fluoranthene

22.706min (-0.003) 10.23ng/ul m *M 10.23.19*

response 303092

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.03
125.00	16.20	12.05
0.00	0.00	0.00

Quantitation Report (Qedit)

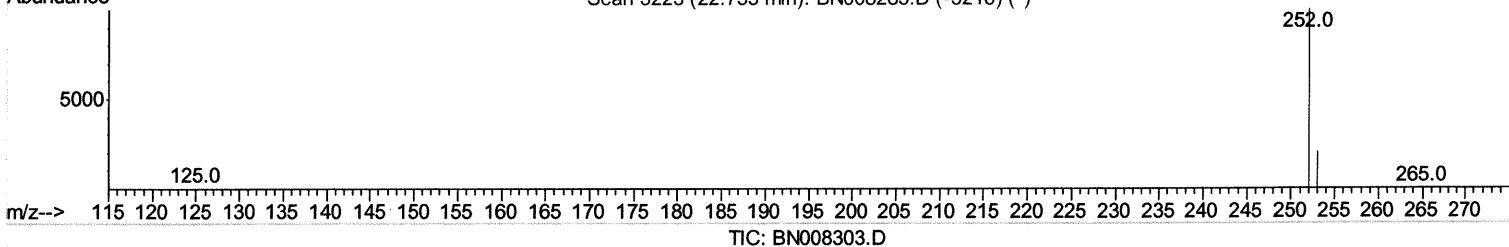
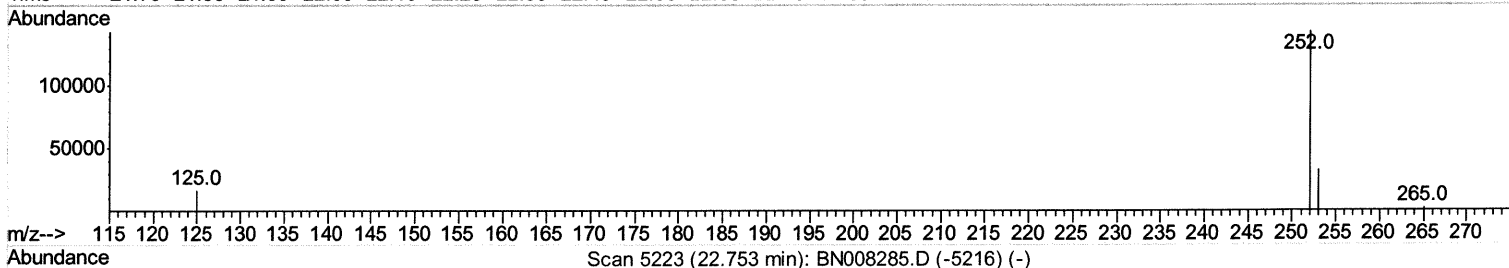
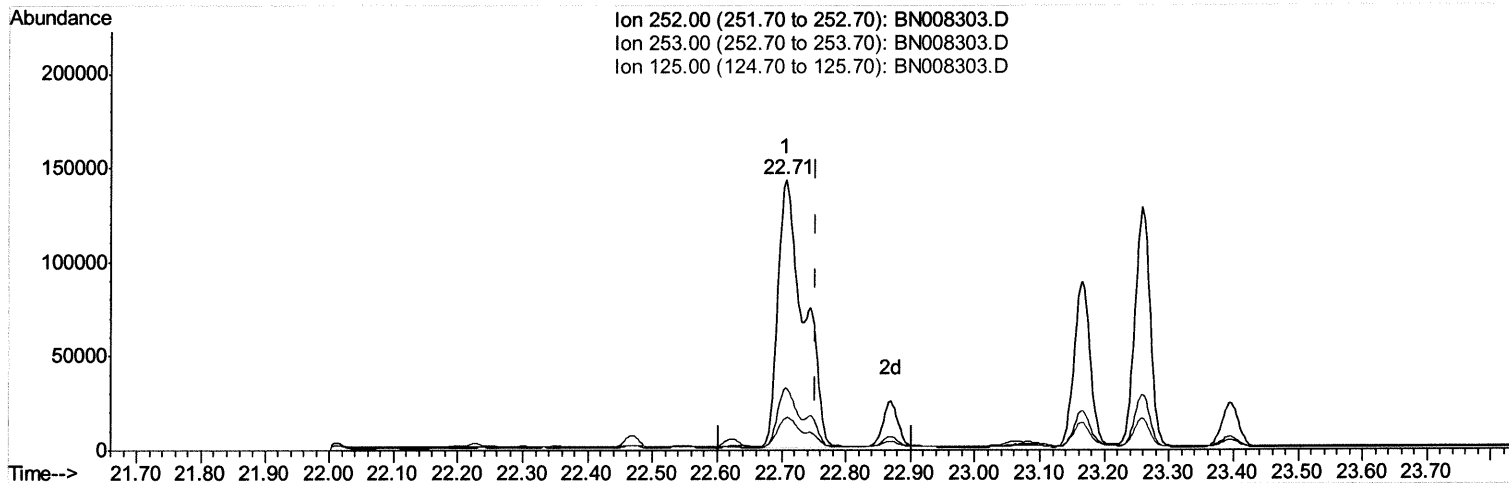
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 Data File : BN008303.D
 Acq On : 22 Oct 2019 03:48
 Operator : JU
 Sample : K5199-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ5

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:28:20 PM

Quant Time: Oct 22 04:45:03 2019
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(22) Benzo(k)fluoranthene
 22.706min (-0.047) 11.91ng/ul
 response 400036

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.03
125.00	15.40	12.05#
0.00	0.00	0.00

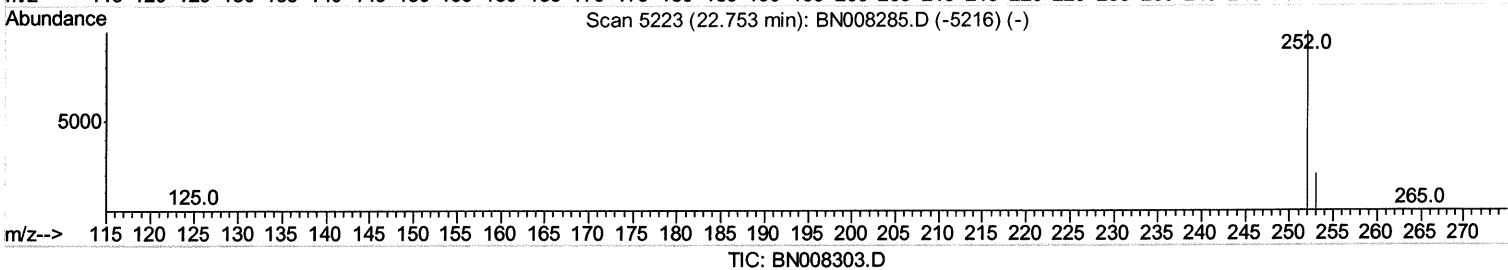
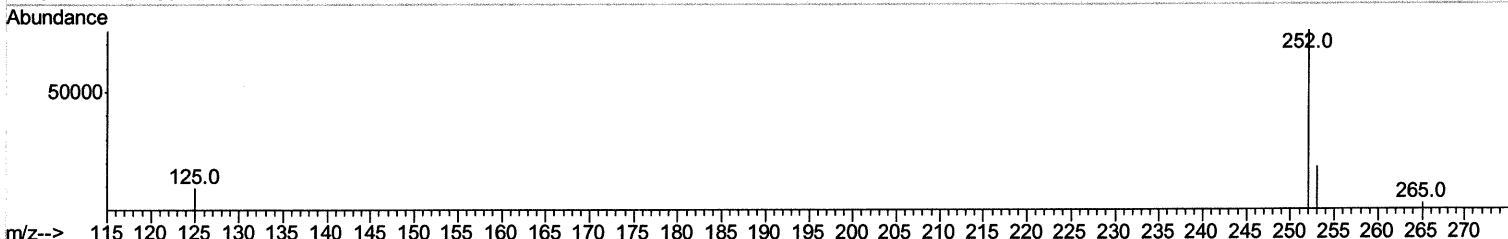
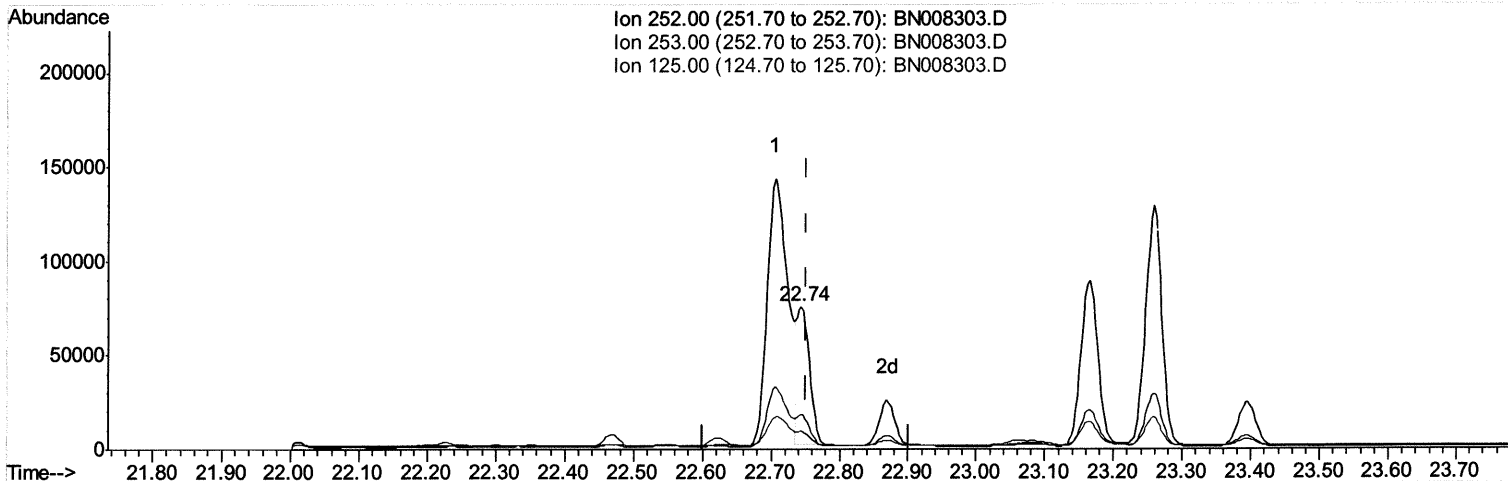
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ5

Manual Integrations
APPROVED
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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.744min (-0.009) 2.76ng/ul m *DU 10.27.19*

response 92780

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.07
125.00	15.40	12.61
0.00	0.00	0.00

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 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5893	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12901m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10624	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9105	0.40	ng/ul	0.00

JU 10-23-19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	11.95	152	4877	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	15272	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.40	128	4181	0.158	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	2224	0.122	ng/ul	100
7) Acenaphthylene	13.94	152	12277	0.437	ng/ul	99
8) Acenaphthene	14.28	153	7348	0.337	ng/ul	98
9) Fluorene	15.28	166	9546	0.385	ng/ul	97
12) Phenanthrene	17.01	178	211312	5.595	ng/ul	98
13) Anthracene	17.10	178	39379	1.185	ng/ul	100
15) Fluoranthene	19.04	202	511531	10.254	ng/ul	98
17) Pyrene	19.40	202	531555	12.566	ng/ul	99
18) Benzo (a) anthracene	21.16	228	293928	7.610	ng/ul	98
19) Chrysene	21.21	228	316478	6.677	ng/ul	98
21) Benzo (b) fluoranthene	22.71	252	303092m	10.226	ng/ul	85
22) Benzo (k) fluoranthene	22.74	252	92780m	2.763	ng/ul	
23) Benzo (a) pyrene	23.26	252	212090	6.800	ng/ul#	85
24) Indeno (1,2,3-cd) pyrene	25.50	276	122681	3.340	ng/ul	99
25) Dibenzo (a,h) anthracene	25.50	278	35416	1.220	ng/ul	96
26) Benzo (a,h,i) perylene	26.16	276	93753	2.783	ng/ul	99

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