

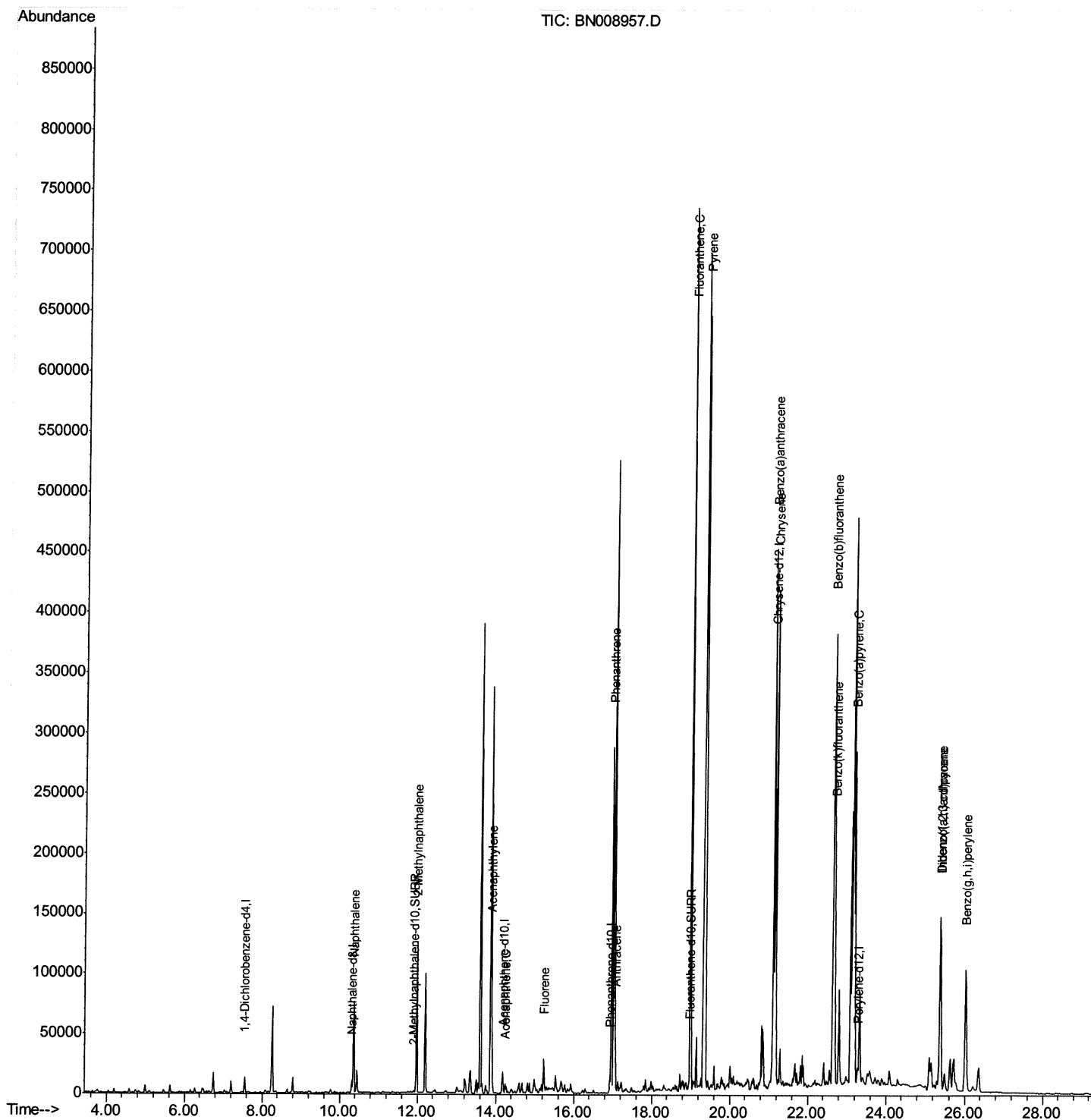
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008957.D
Acq On : 12 Dec 2019 22:01
Operator : JU
Sample : K6089-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BR3

Manual Integrations
APPROVED

mohammad
12/13/2019 9:08:29 AM

Quant Time: Dec 13 01:40:43 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 Dec 12 00:49:42 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

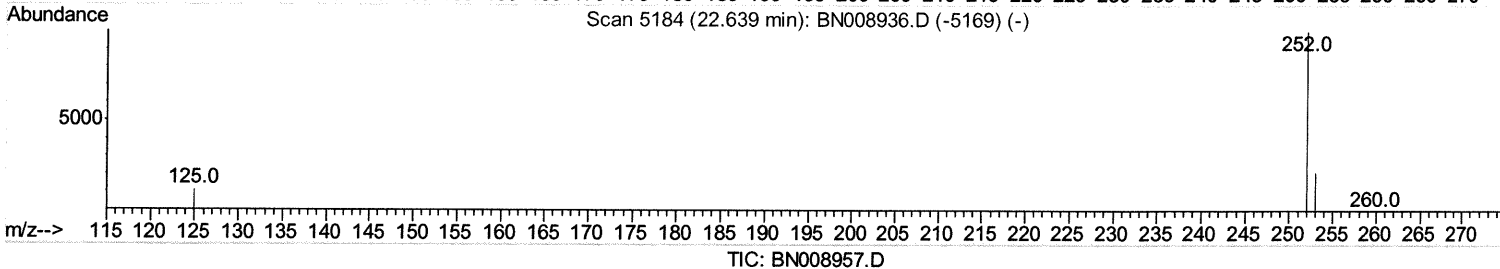
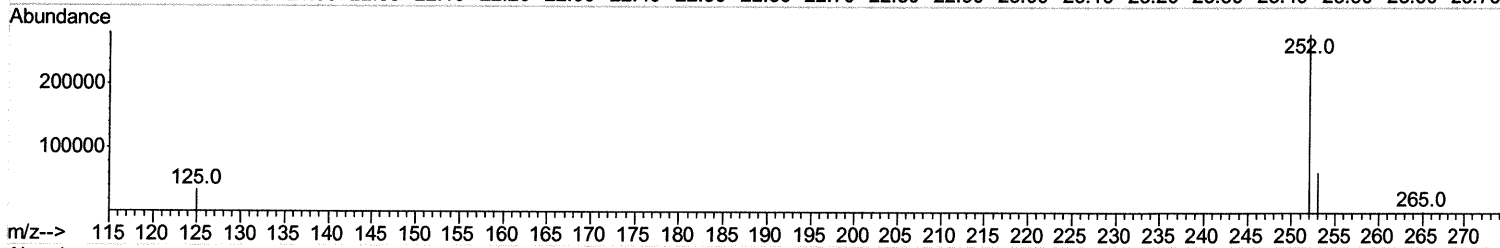
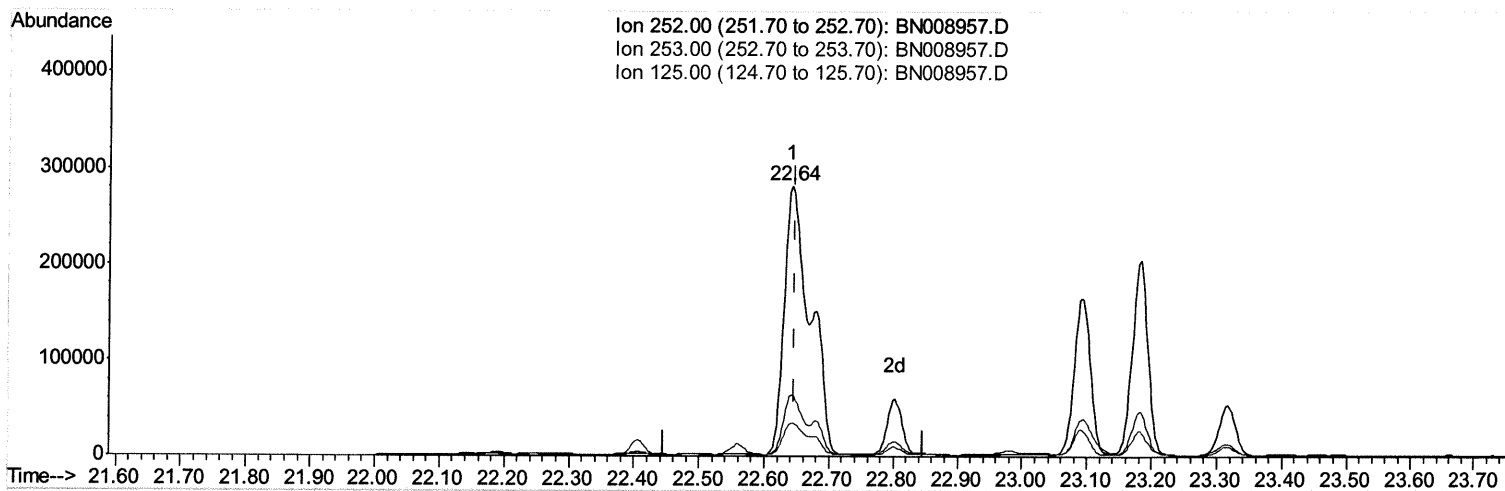
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Quant Time: Dec 13 00:51:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.641min (-0.005) 13.29ng/ul

response 778719

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.70
125.00	15.80	12.21
0.00	0.00	0.00

Quantitation Report (Qedit)

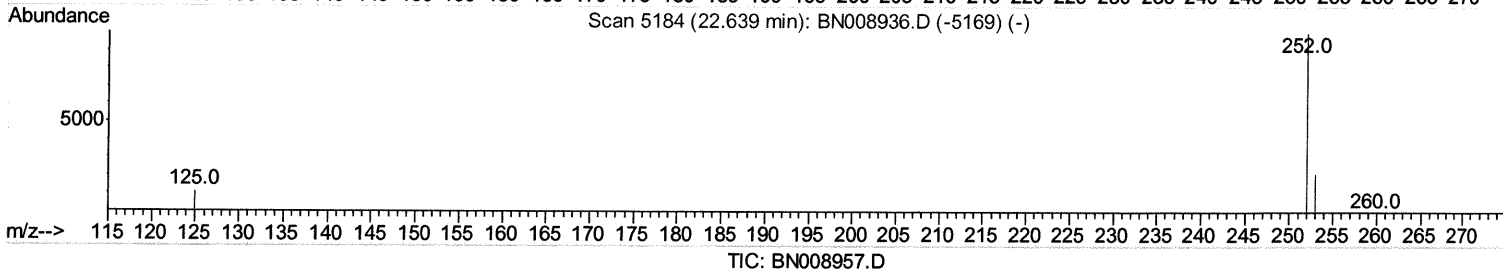
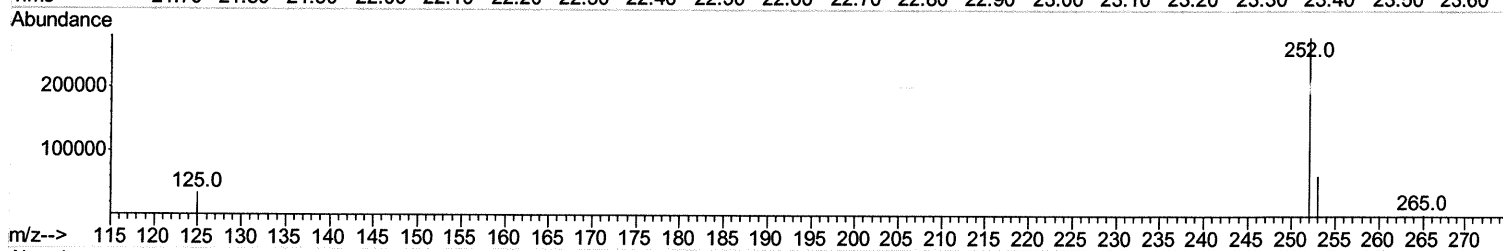
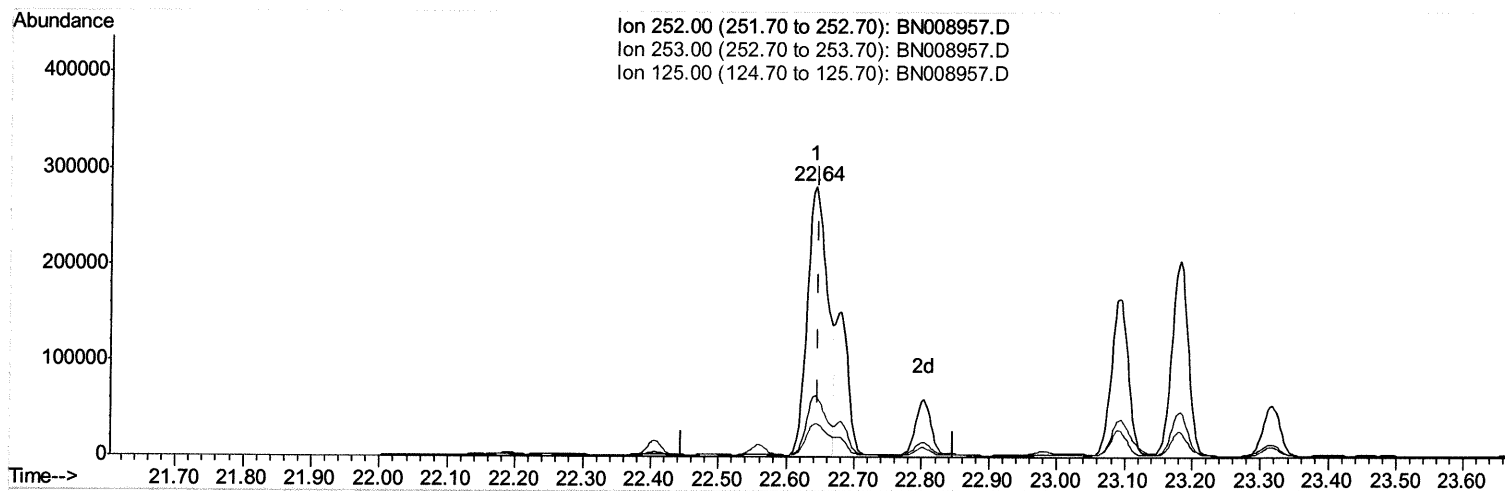
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 Operator : JU
 Sample : K6089-15
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(21) Benzo(b)fluoranthene

22.641min (-0.005) 9.75ng/ul m

JU 12/13/19

response 571243

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.70
125.00	15.80	12.21
0.00	0.00	0.00

Quantitation Report (Qedit)

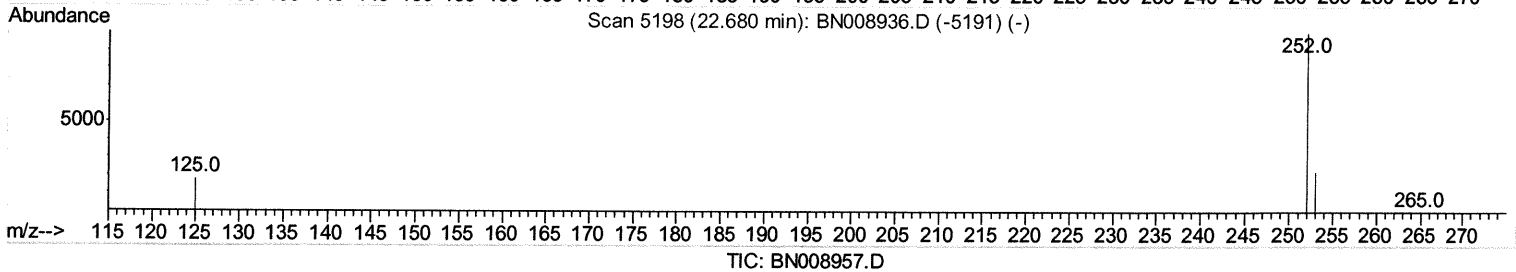
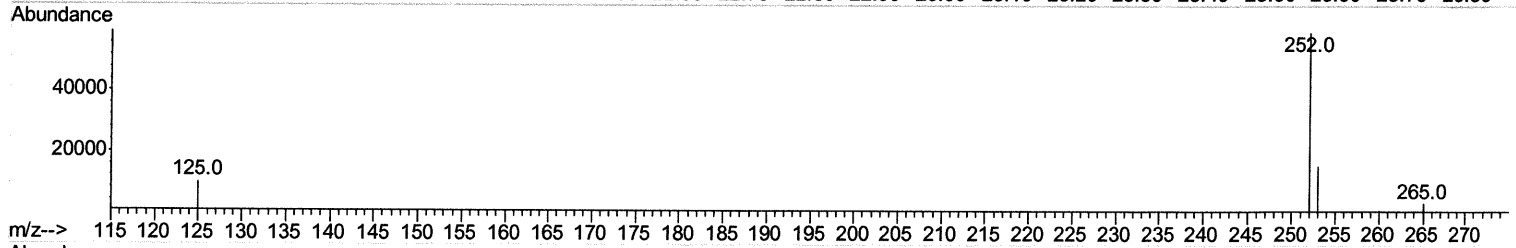
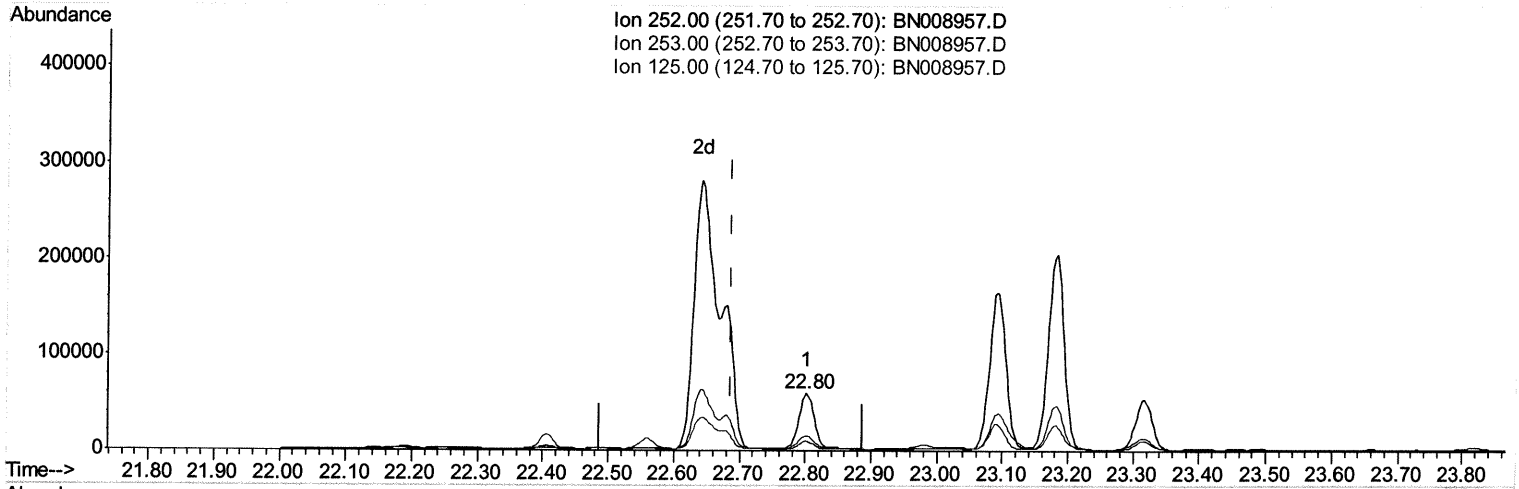
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 Operator : JU
 Sample : K6089-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.802min (+0.115) 1.65ng/ul

response 96096

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	26.03
125.00	17.20	16.38
0.00	0.00	0.00

Quantitation Report (Qedit)

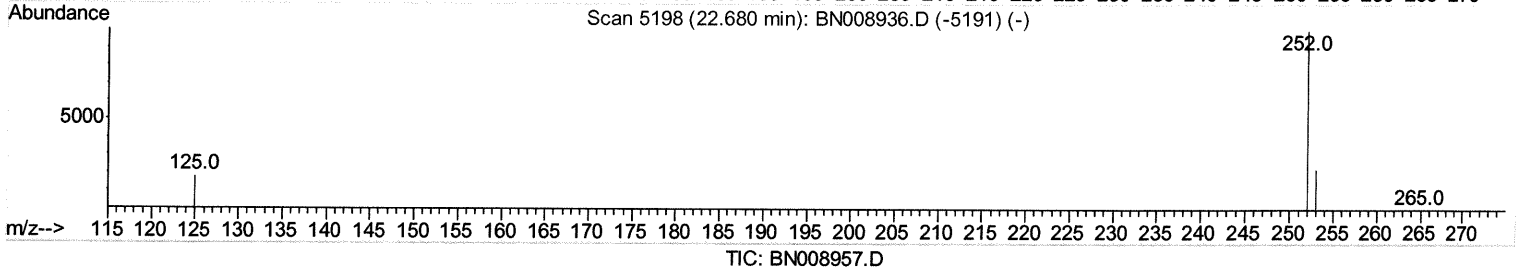
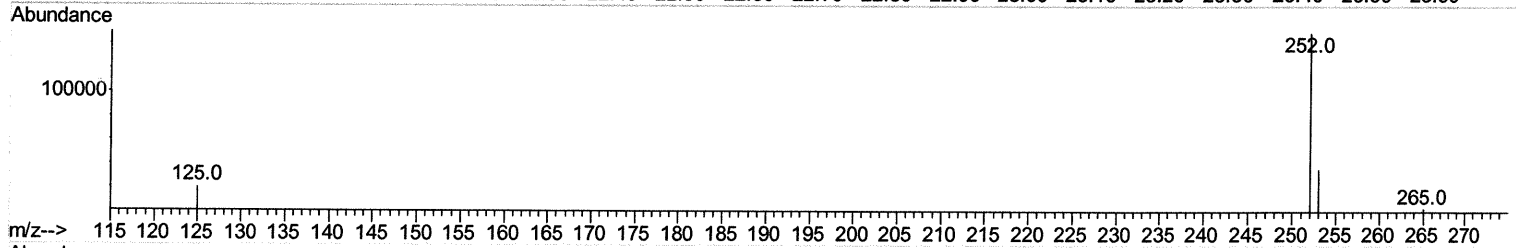
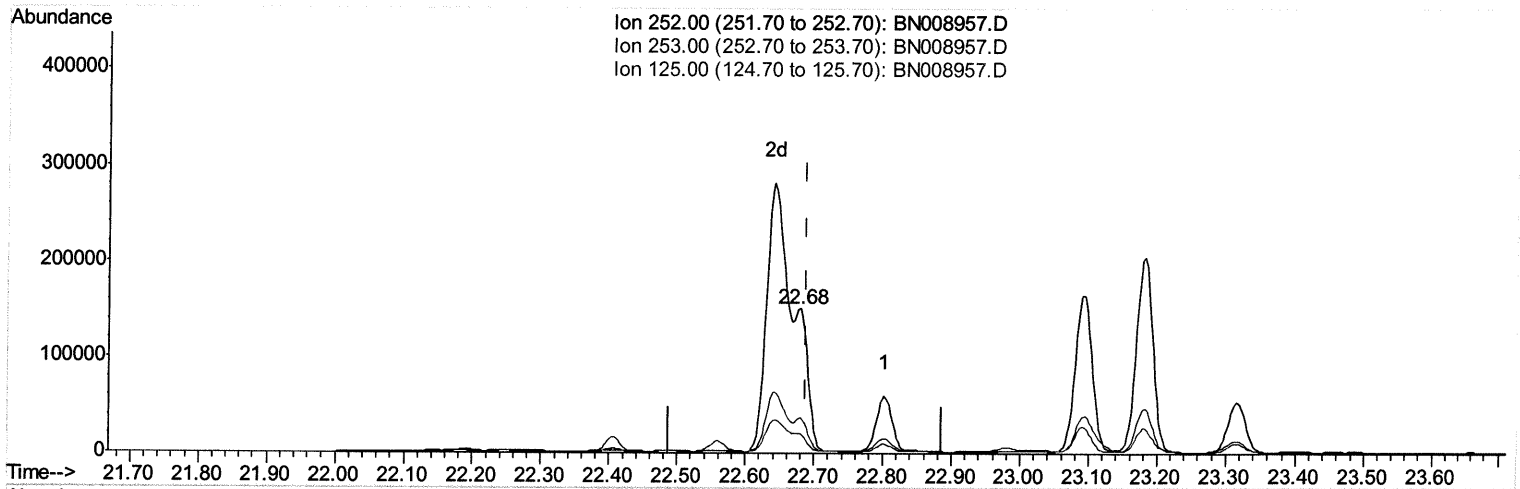
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008957.D
 Acq On : 12 Dec 2019 22:01
 Operator : JU
 Sample : K6089-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 13 00:51:36 2019
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(22) Benzo(k)fluoranthene

22.680min (-0.008) 3.47ng/ul m

JU 12/13/19

response 201850

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.26
125.00	17.20	13.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

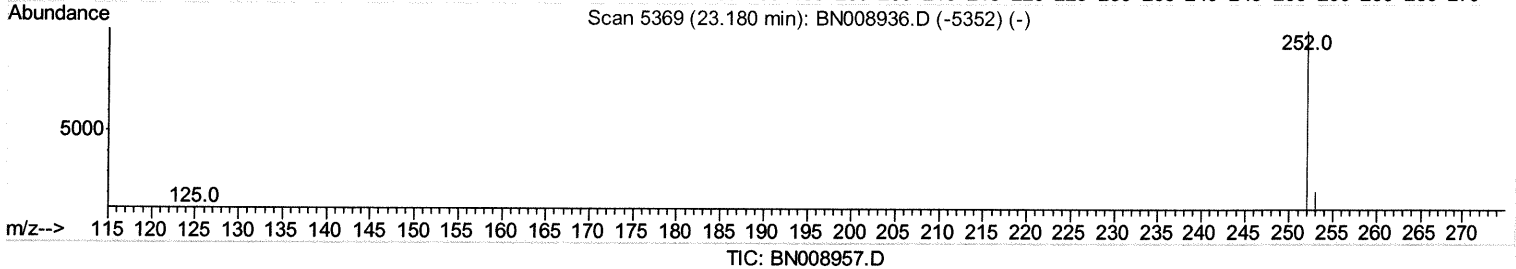
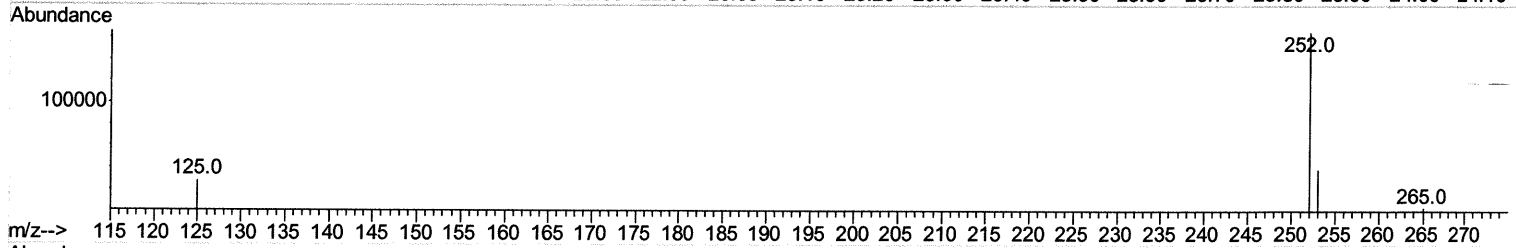
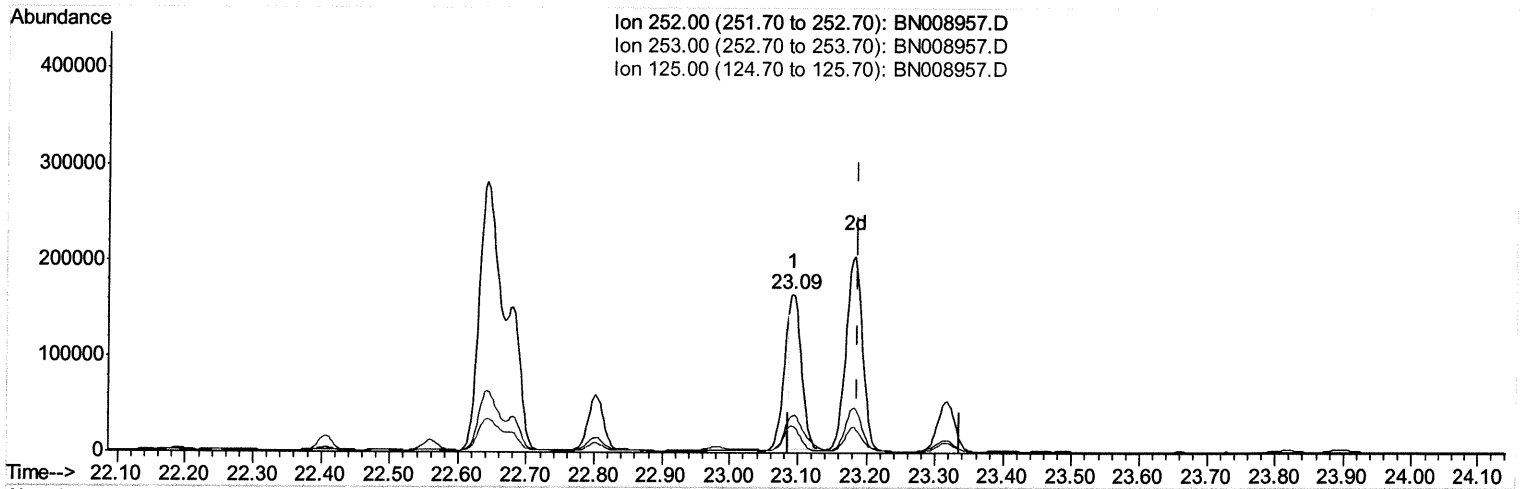
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008957.D
 Acq On : 12 Dec 2019 22:01
 Operator : JU
 Sample : K6089-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/13/2019 9:08:29 AM

Quant Time: Dec 13 00:51:36 2019
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TIC: BN008957.D

(23) Benzo(a)pyrene (C)
 23.092min (-0.096) 3.40ng/ul
 response 187202

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	23.59
125.00	18.30	17.01
0.00	0.00	0.00

Quantitation Report (Qedit)

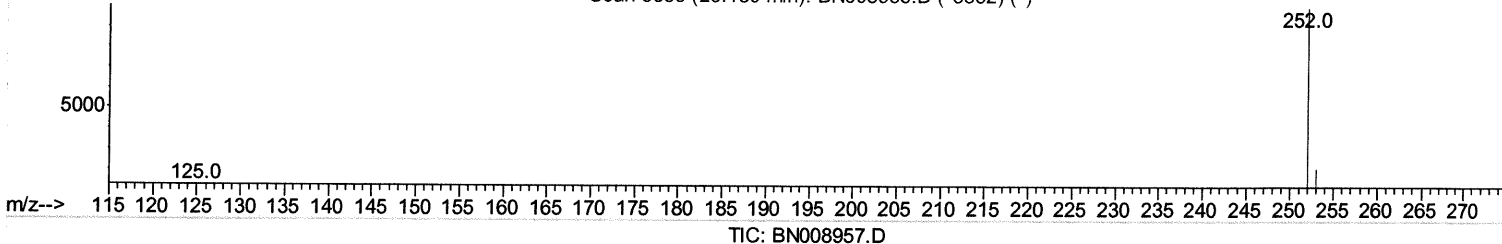
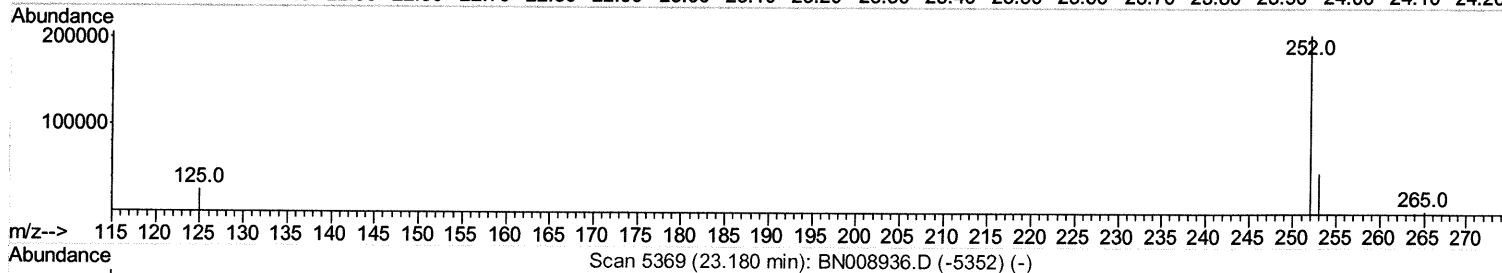
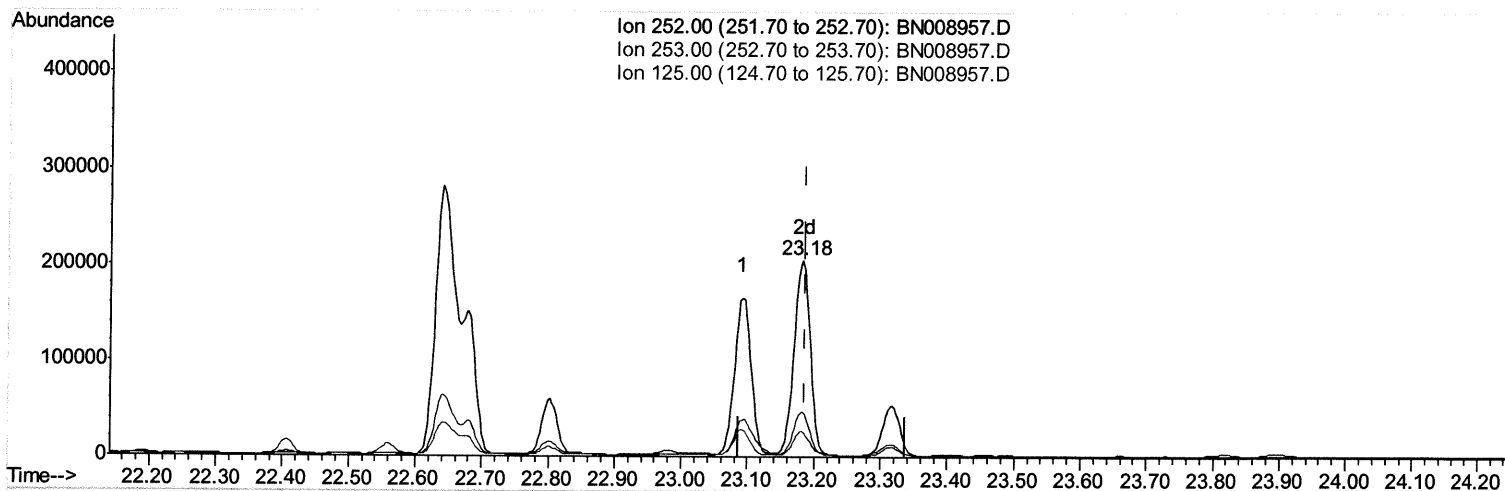
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008957.D
 Acq On : 12 Dec 2019 22:01
 Operator : JU
 Sample : K6089-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/13/2019 9:08:29 AM

Quant Time: Dec 13 00:51:36 2019
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(23) Benzo(a)pyrene (C)

23.182min (-0.005) 6.26ng/ul m **Jul 12/13/19**

response 344444

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.98
125.00	18.30	12.99#
0.00	0.00	0.00

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 Operator : JU
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 ALS Vial : 17 Sample Multiplier: 1

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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	7.56	152	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8077	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17280	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13765	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14208	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.91	152	2605	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8751	0.17	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.36	128	100691	2.790	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	87540	3.474	ng/ul	100
7) Acenaphthylene	13.89	152	69824	1.563	ng/ul	98
8) Acenaphthene	14.25	153	4765	0.144	ng/ul	97
9) Fluorene	15.24	166	8963	0.230	ng/ul#	80
12) Phenanthrene	16.97	178	300276	5.153	ng/ul	99
13) Anthracene	17.06	178	47681	0.866	ng/ul	98
15) Fluoranthene	18.99	202	585456	8.177	ng/ul	99
17) Pyrene	19.35	202	515137	9.328	ng/ul	99
18) Benzo(a)anthracene	21.11	228	367648	6.642	ng/ul	94
19) Chrysene	21.17	228	408991	7.522	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	571243m	9.750	ng/ul	} JU 12/13/19
22) Benzo(k)fluoranthene	22.68	252	201850m	3.474	ng/ul	
23) Benzo(a)pyrene	23.18	252	344444m	6.263	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.38	276	208929	3.248	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.39	278	56996	1.097	ng/ul	97
26) Benzo(a,h,i)perylene	26.02	276	187601	3.487	ng/ul	96

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