

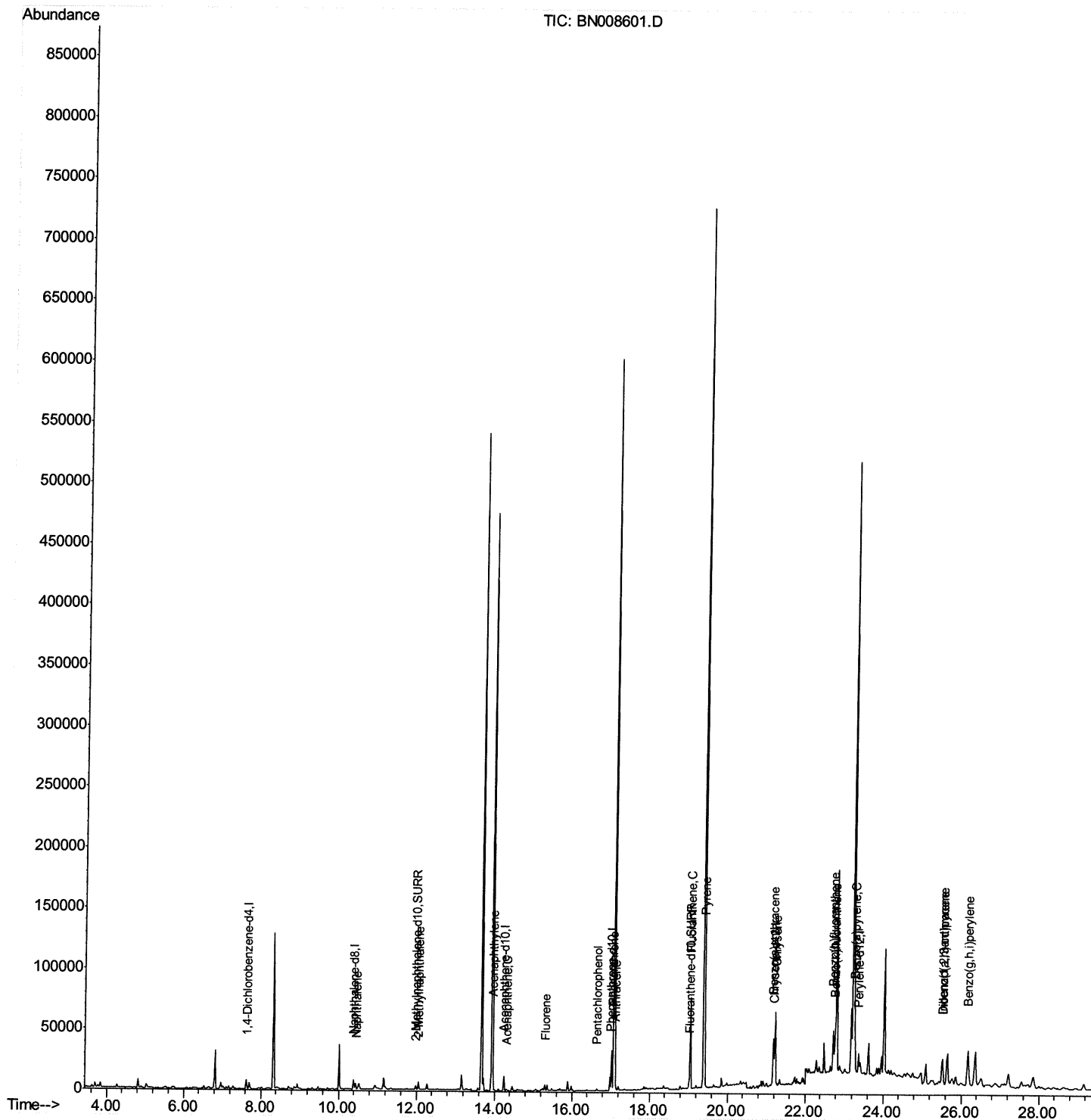
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111819\
Data File : BN008601.D
Acq On : 18 Nov 2019 13:30
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM65

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM

Quant Time: Nov 18 14:14:23 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 : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

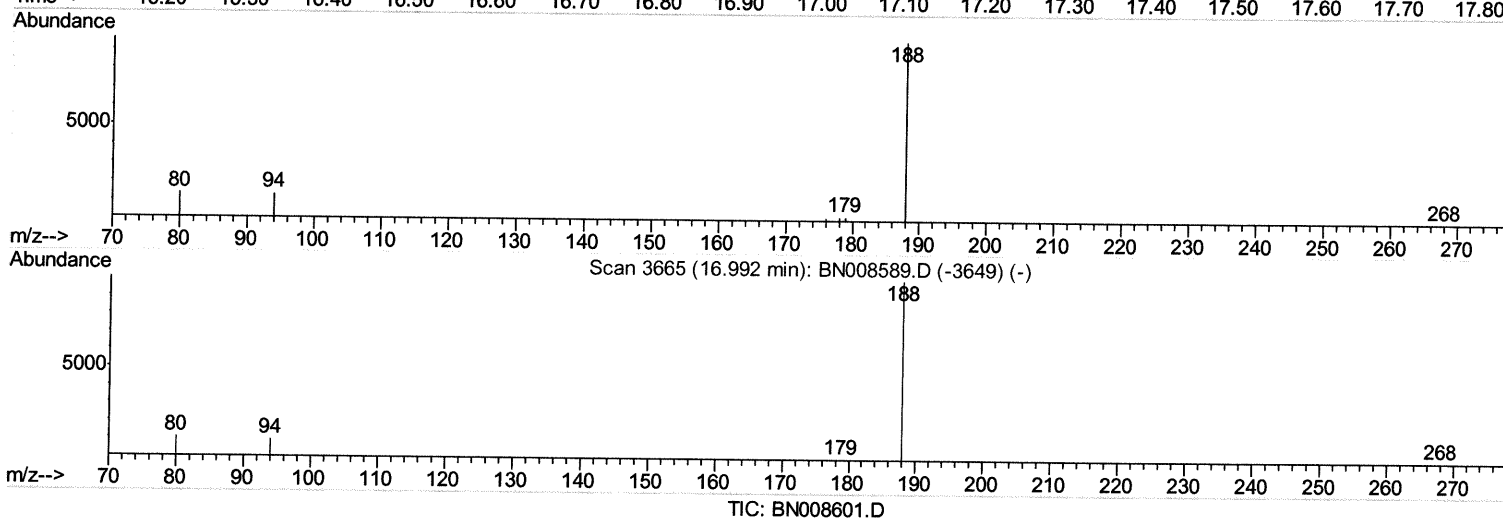
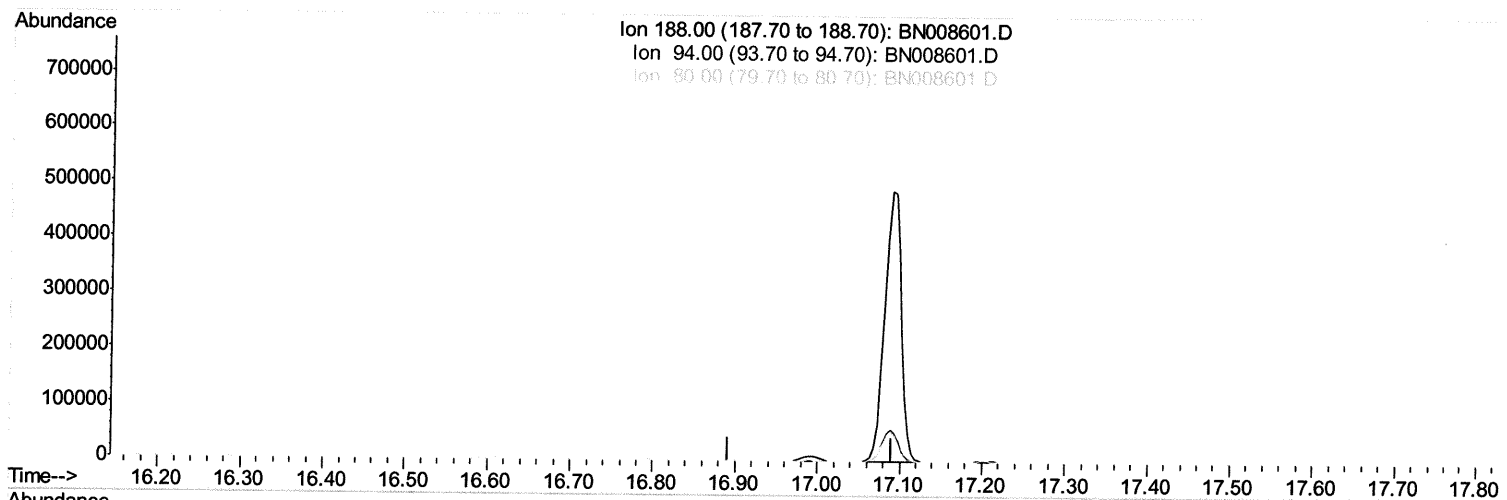
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(10) Phenanthrene-d10 (I)

16.992min (-16.992) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.60	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

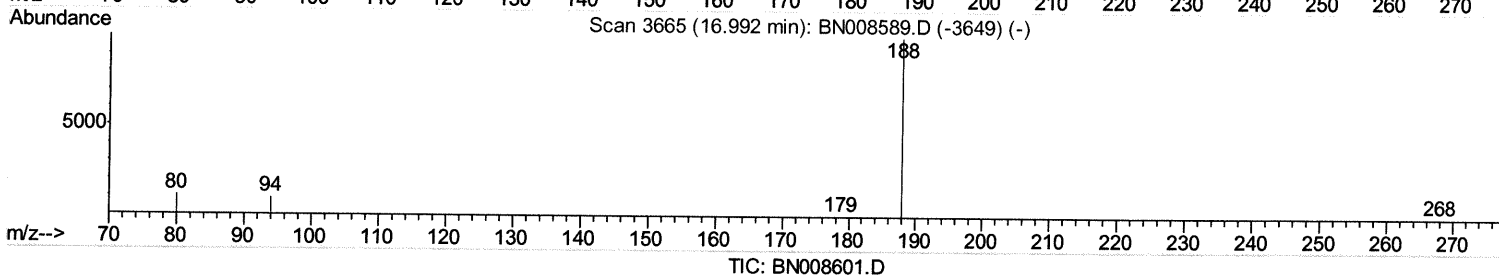
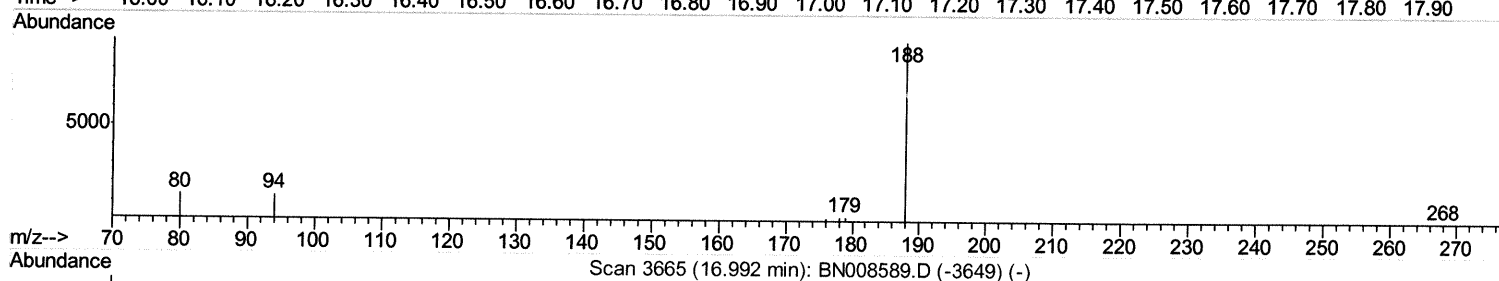
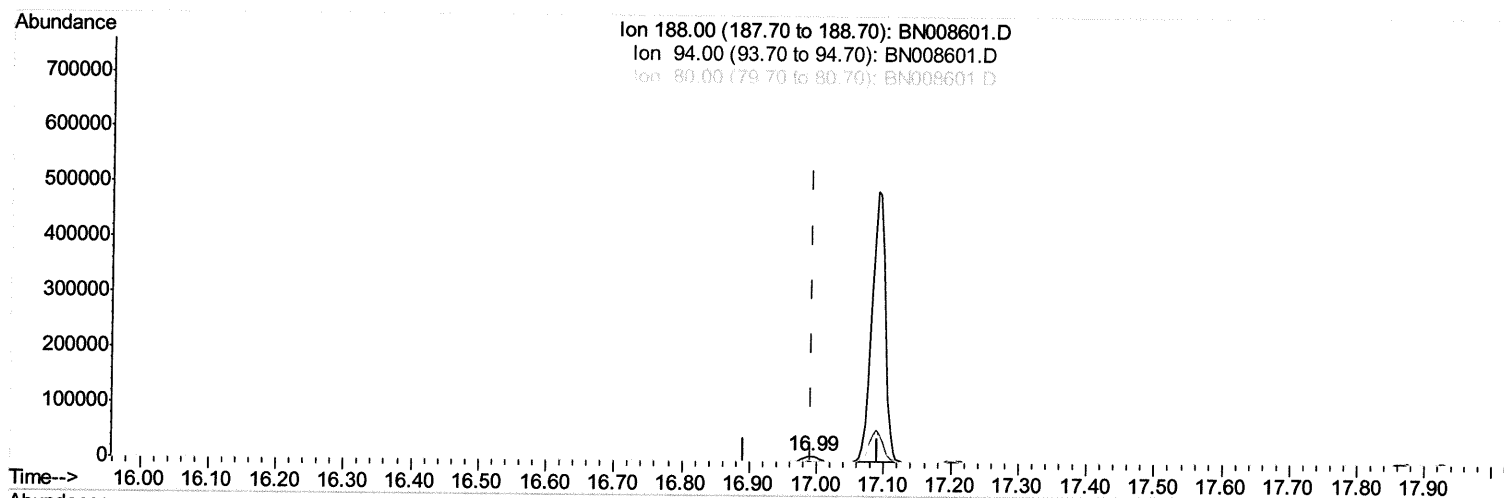
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(10) Phenanthrene-d10 (I)

16.992min (-0.000) 0.40ng/ul m

response 13298

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	13.88#
80.00	11.80	14.09
0.00	0.00	0.00

Quantitation Report (Qedit)

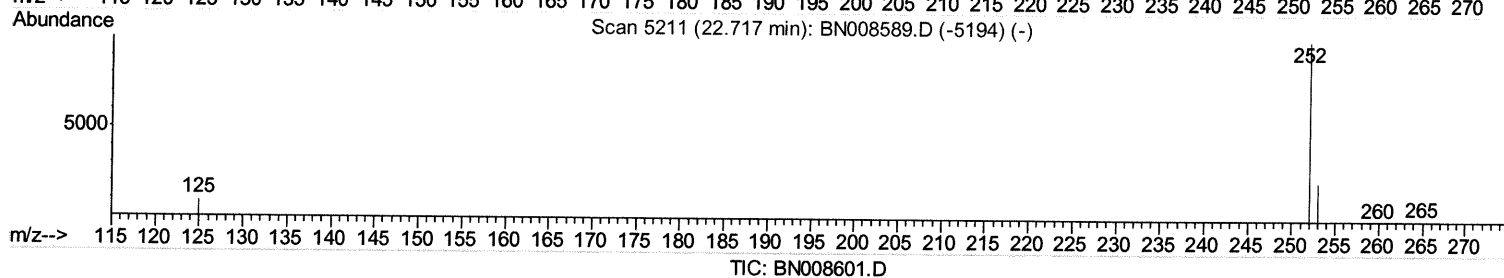
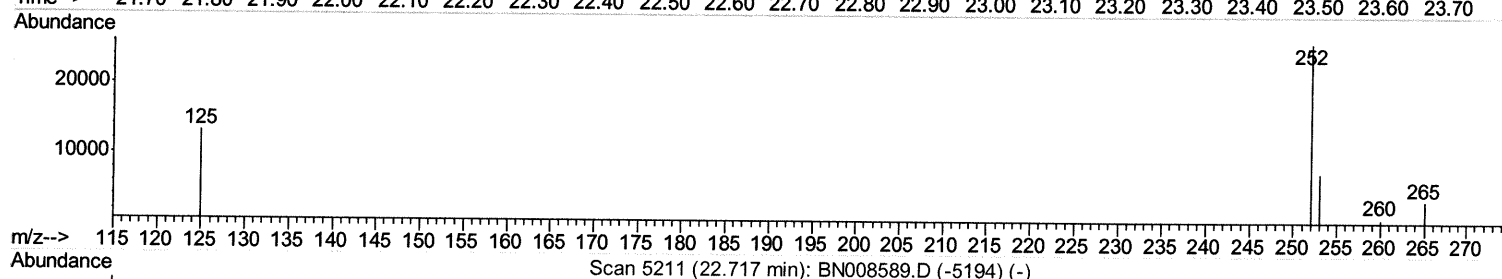
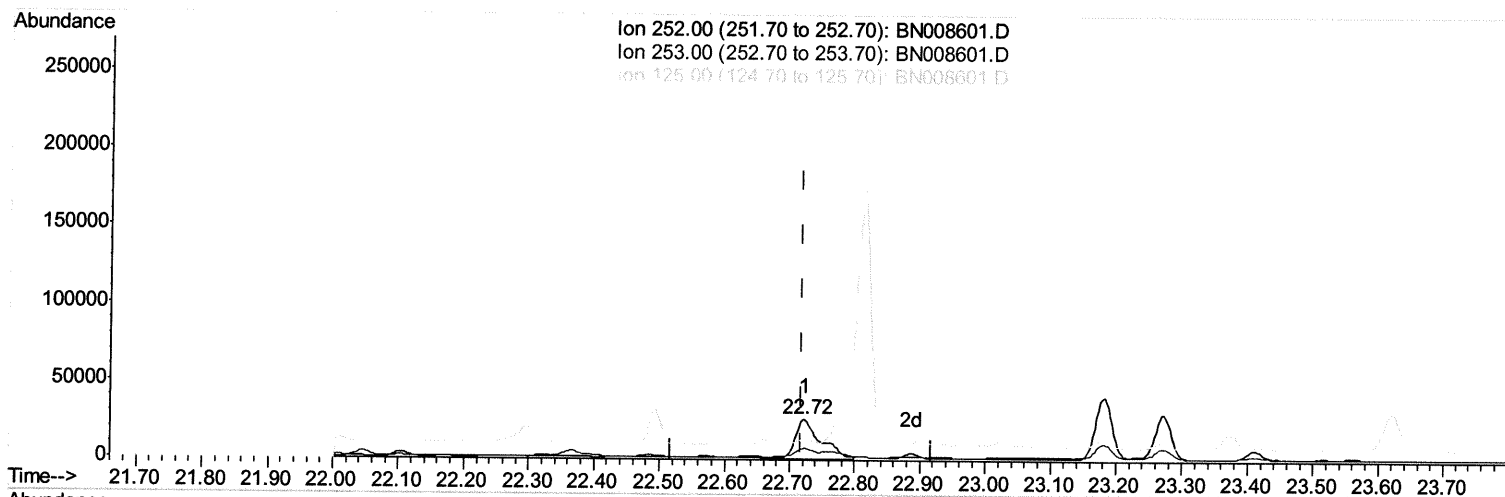
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Data File : BN008601.D
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Sample : K5678-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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11/19/2019 2:44:31 PM

Quant Time: Nov 18 14:13:01 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 : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.723min (+0.006) 1.45ng/ul

response 66035

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.99
125.00	15.00	50.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

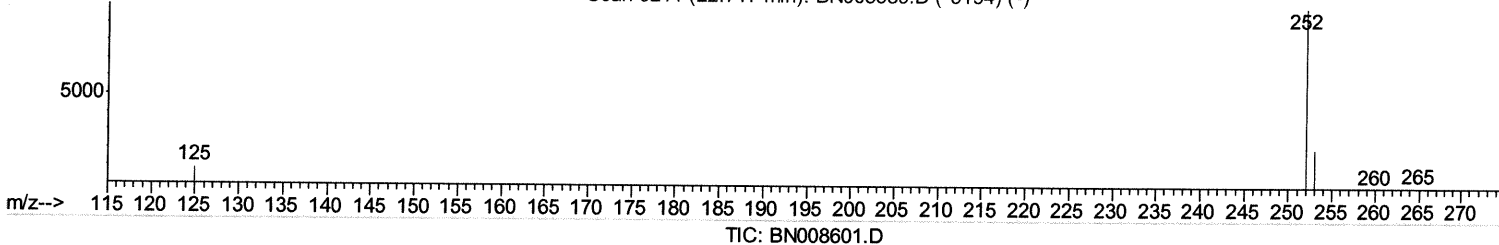
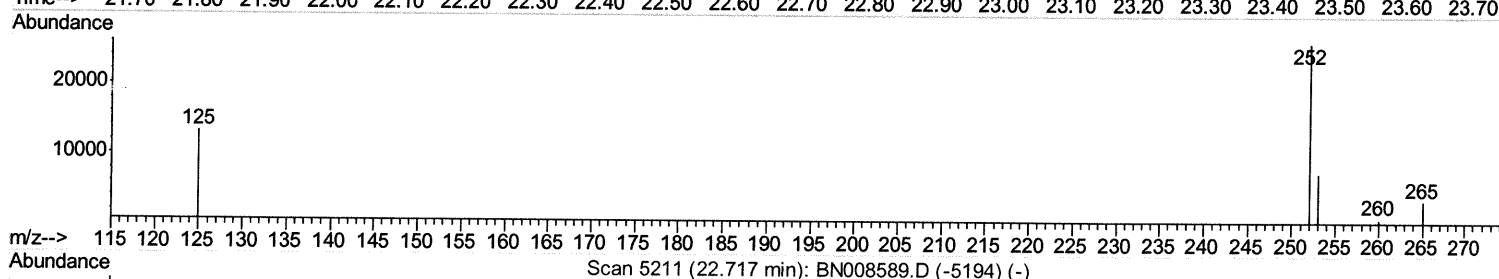
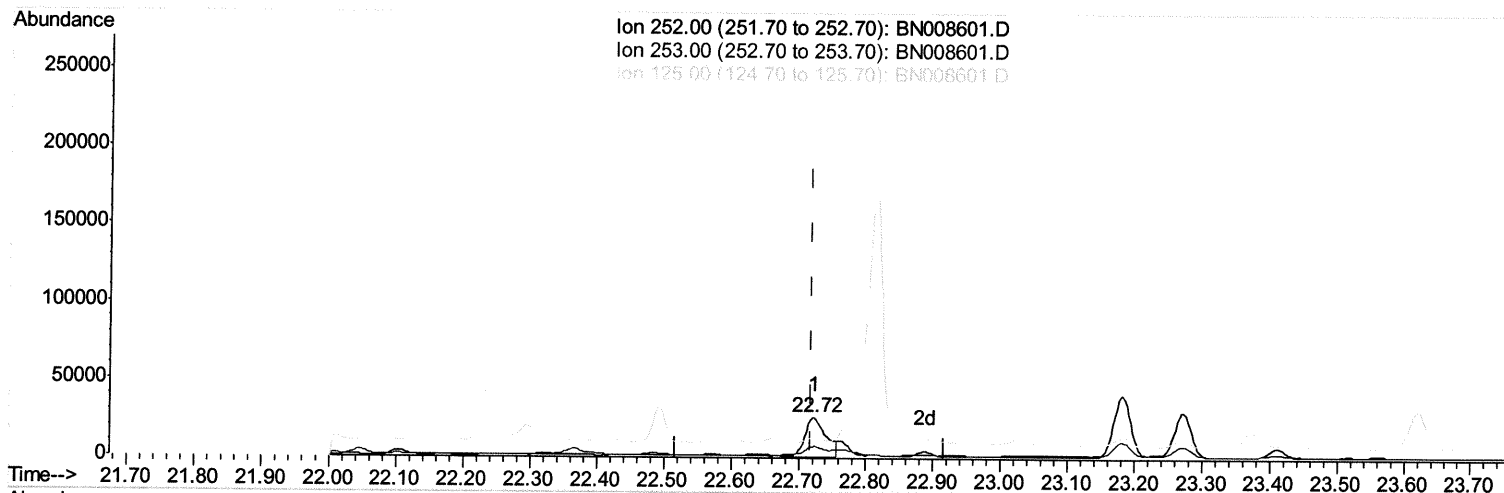
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 Sample : K5678-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Nov 18 14:13:01 2019
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(21) Benzo(b)fluoranthene

22.723min (+0.006) 1.17ng/ul m

response 53433

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.99
125.00	15.00	50.12#
0.00	0.00	0.00

Handwritten: 3411/21/19

Quantitation Report (Qedit)

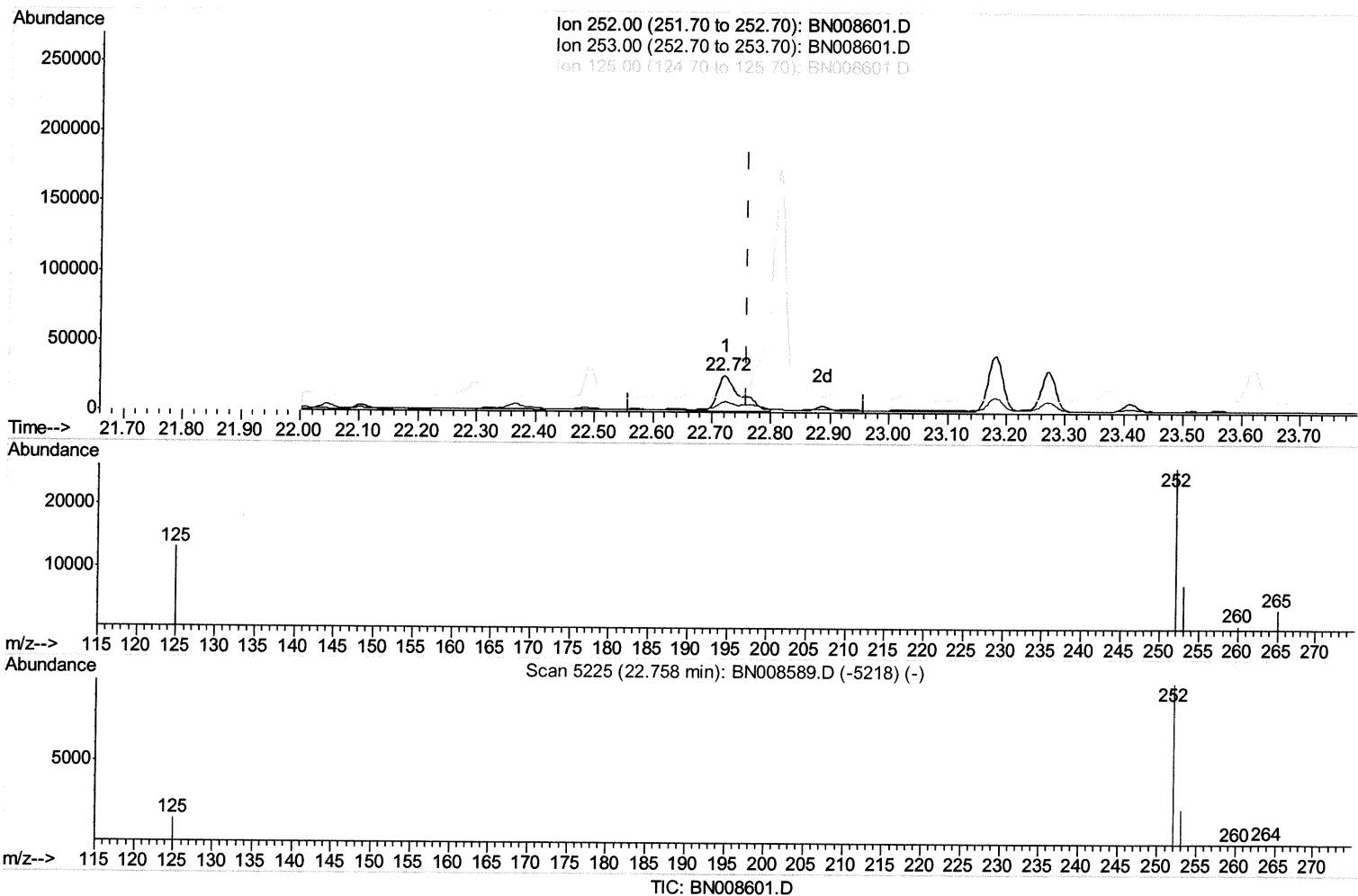
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111819\
 Data File : BN008601.D
 Acq On : 18 Nov 2019 13:30
 Operator : JU
 Sample : K5678-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM65

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:44:31 PM

Quant Time: Nov 18 14:13:01 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 15 22:41:33 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.723min (-0.035) 1.46ng/ul

response 66035

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	28.99
125.00	18.70	50.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

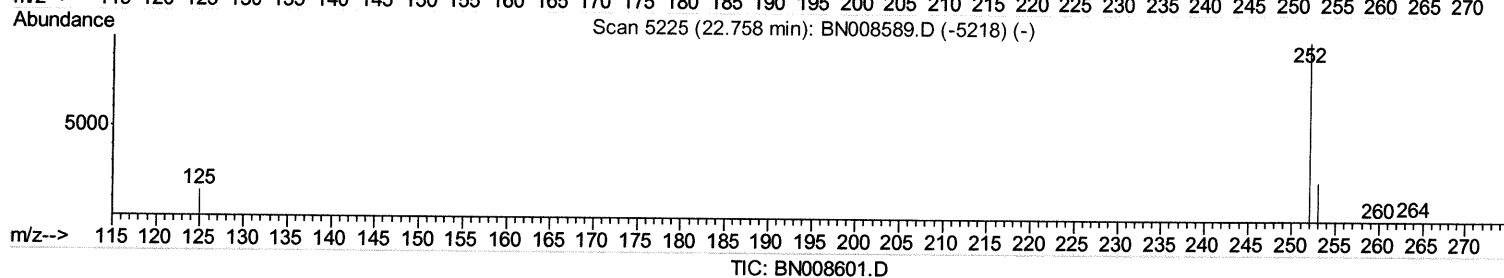
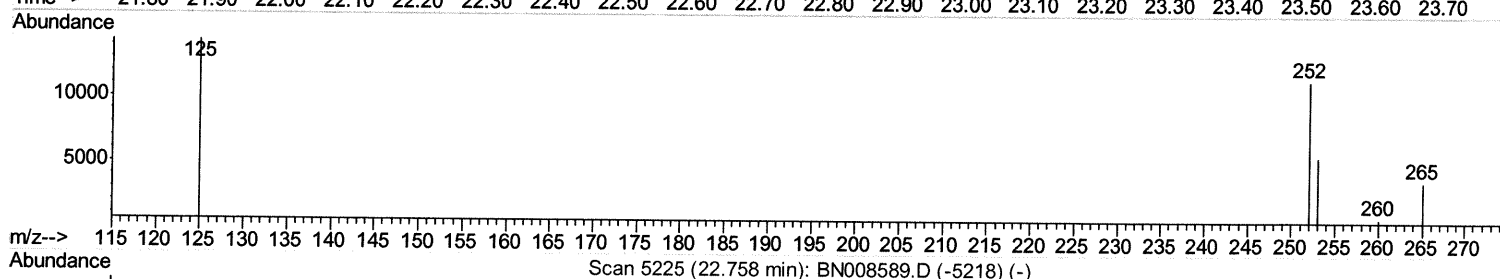
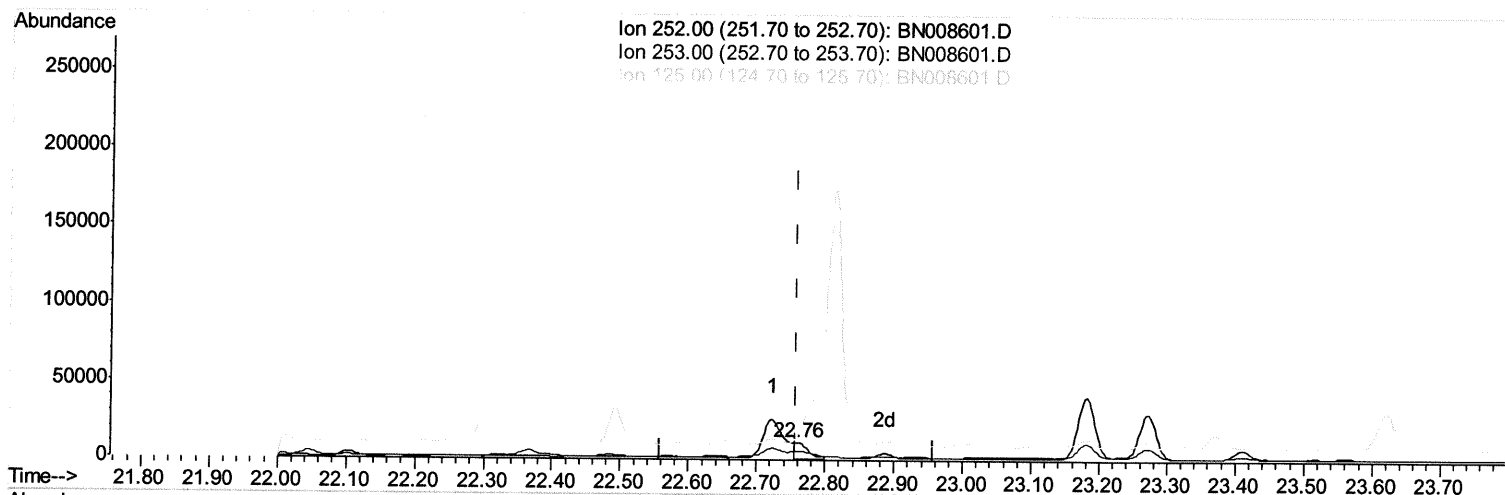
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111819\
 Data File : BN008601.D
 Acq On : 18 Nov 2019 13:30
 Operator : JU
 Sample : K5678-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM65

Manual Integrations
 APPROVED

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Quant Time: Nov 18 14:13:01 2019
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 QLast Update : Fri Nov 15 22:41:33 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.758min (-0.000) 0.29ng/ul m

response 13104

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	48.47#
125.00	18.70	125.34#
0.00	0.00	0.00

Handwritten: 3/11/21/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111819\
 Data File : BN008601.D
 Acq On : 18 Nov 2019 13:30
 Operator : JU
 Sample : K5678-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM65

Manual Integrations
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Quant Time: Nov 18 14:14:23 2019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 15 22:41:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6272	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	13298m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10649	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11042	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	4119	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9509	0.23	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	10.44	128	7010	0.215	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	4384	0.192	ng/ul	100
7) Acenaphthylene	13.97	152	3742	0.108	ng/ul#	92
8) Acenaphthene	14.31	153	774	0.030	ng/ul#	92
9) Fluorene	15.30	166	1341	0.044	ng/ul#	72
11) Pentachlorophenol	16.65	266	1042	0.207	ng/ul	97
12) Phenanthrene	17.03	178	35176	0.784	ng/ul	99
13) Anthracene	17.12	178	4854	0.115	ng/ul#	82
15) Fluoranthene	19.06	202	63703	1.156	ng/ul	100
17) Pyrene	19.42	202	70236	1.644	ng/ul	97
18) Benzo(a)anthracene	21.17	228	29921	0.699	ng/ul#	87
19) Chrysene	21.23	228	66661	1.585	ng/ul#	96
21) Benzo(b)fluoranthene	22.72	252	53433m	1.174	ng/ul	} → 20/21/17
22) Benzo(k)fluoranthene	22.76	252	13104m	0.290	ng/ul	
23) Benzo(a)pyrene	23.27	252	50331	1.178	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.52	276	26549	0.531	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	9351	0.232	ng/ul#	1
26) Benzo(g,h,i)perylene	26.17	276	52401	1.253	ng/ul#	86

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