

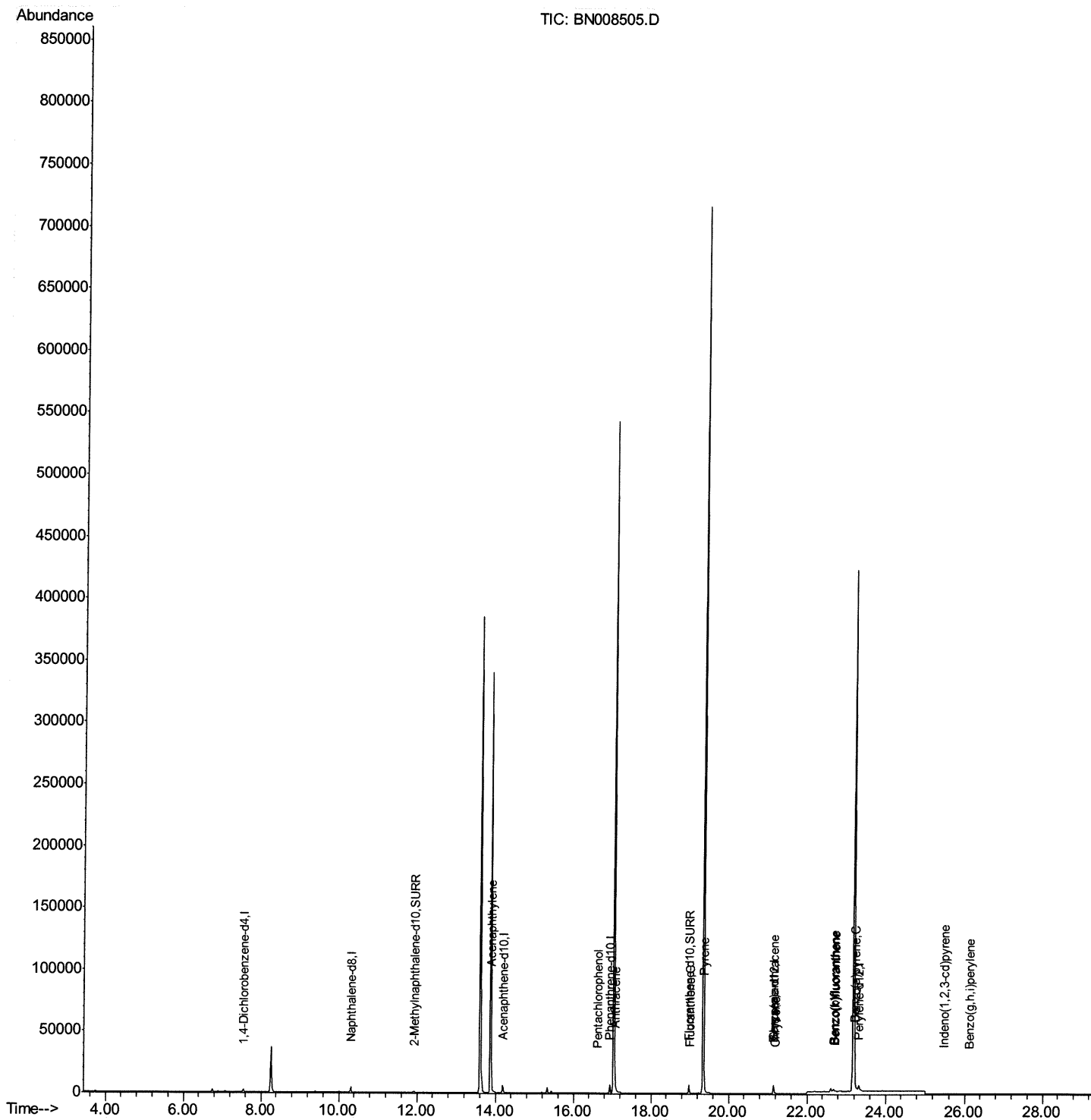
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008505.D
Acq On : 08 Nov 2019 12:52
Operator : JU
Sample : K5699-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F2J04

Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:45:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration



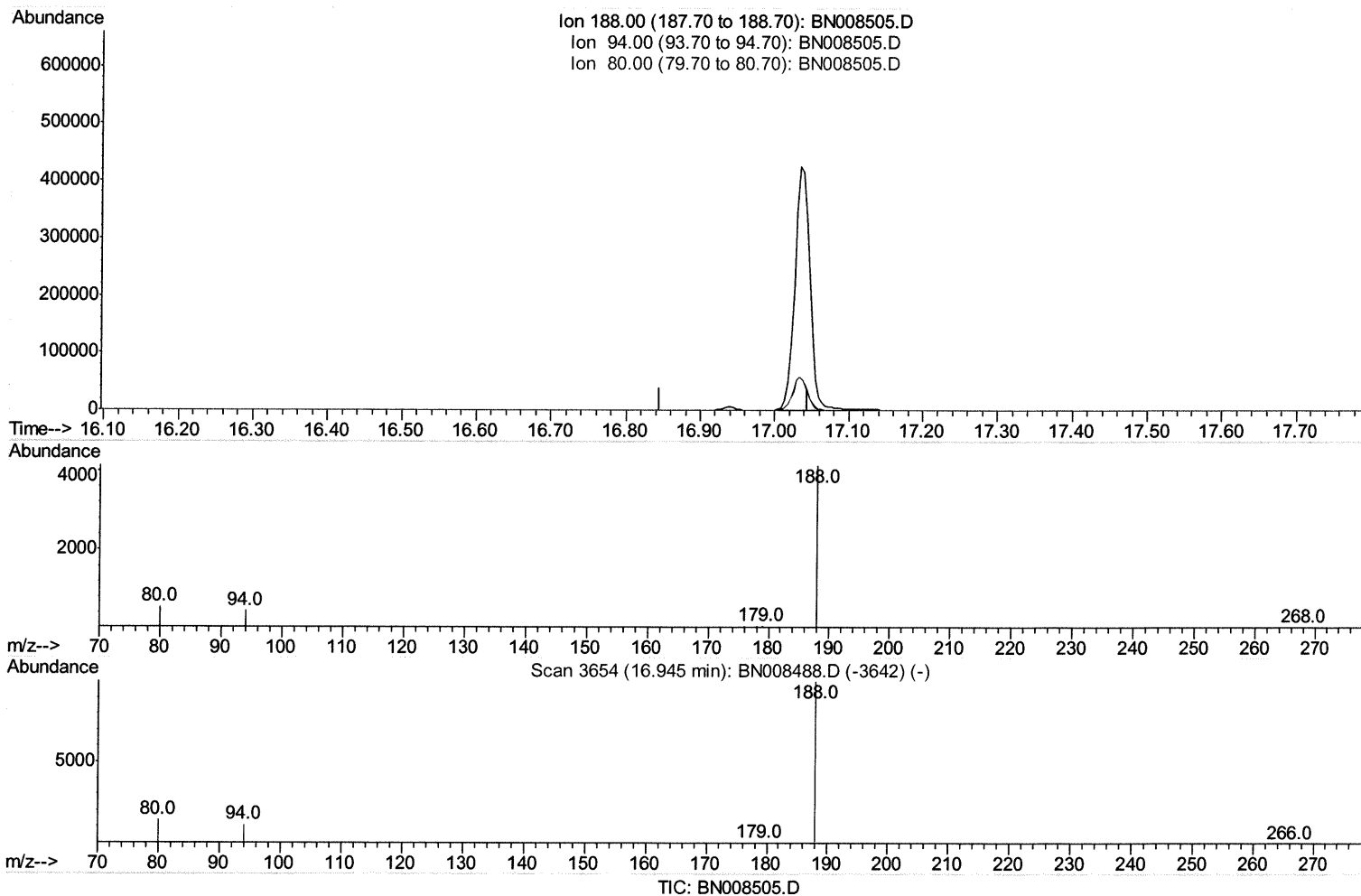
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.945min (-16.945) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	12.40	0.00#
80.00	15.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

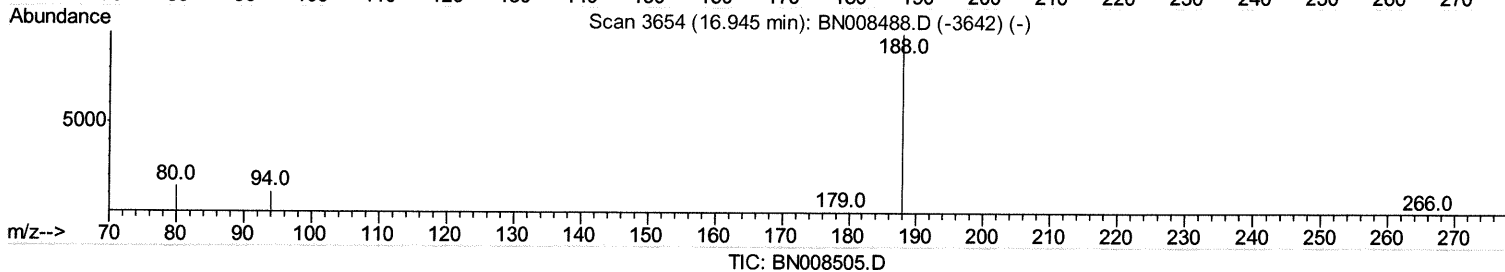
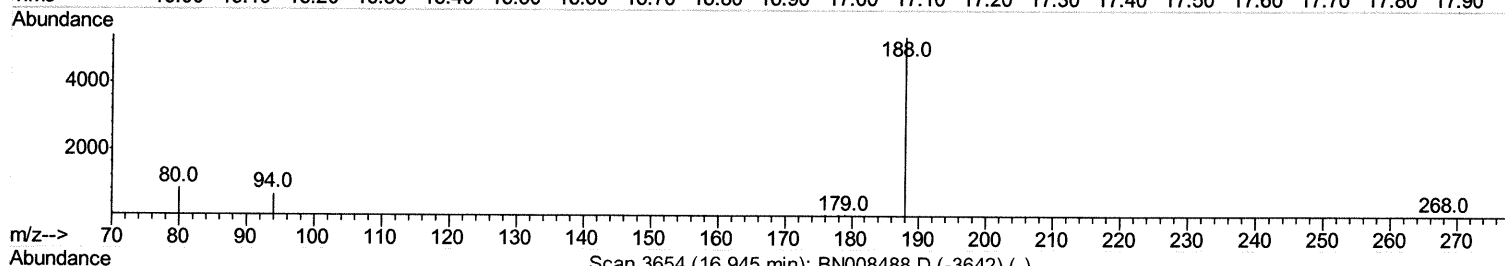
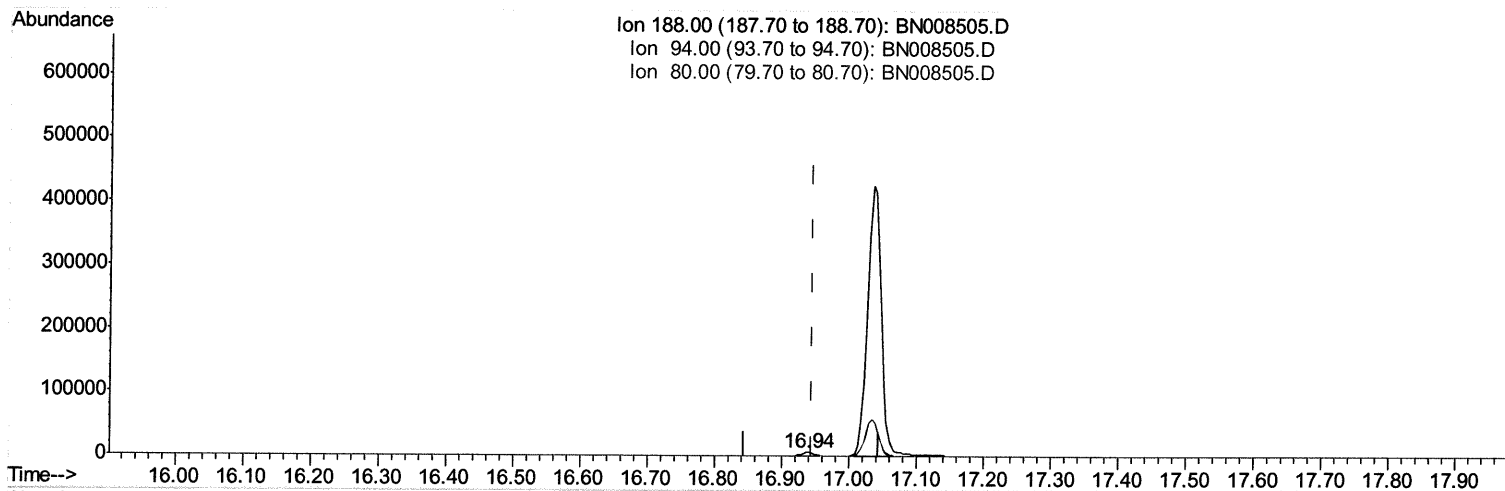
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.937min (-0.008) 0.40ng/ul m *JU 11/11/19*

response 7606

Ion	Exp%	Act%
188.00	100	100
94.00	12.40	12.62
80.00	15.50	15.61
0.00	0.00	0.00

Quantitation Report (Qedit)

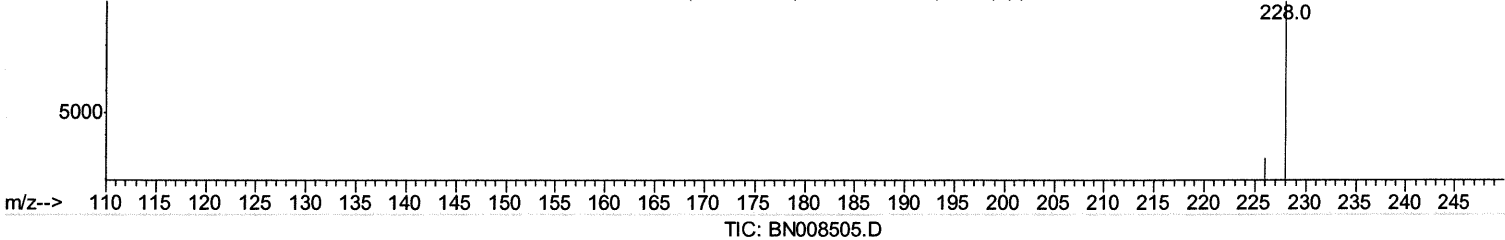
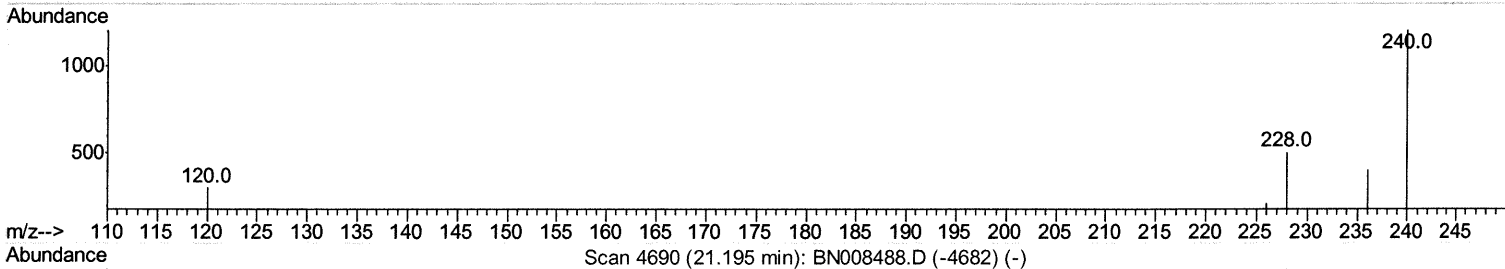
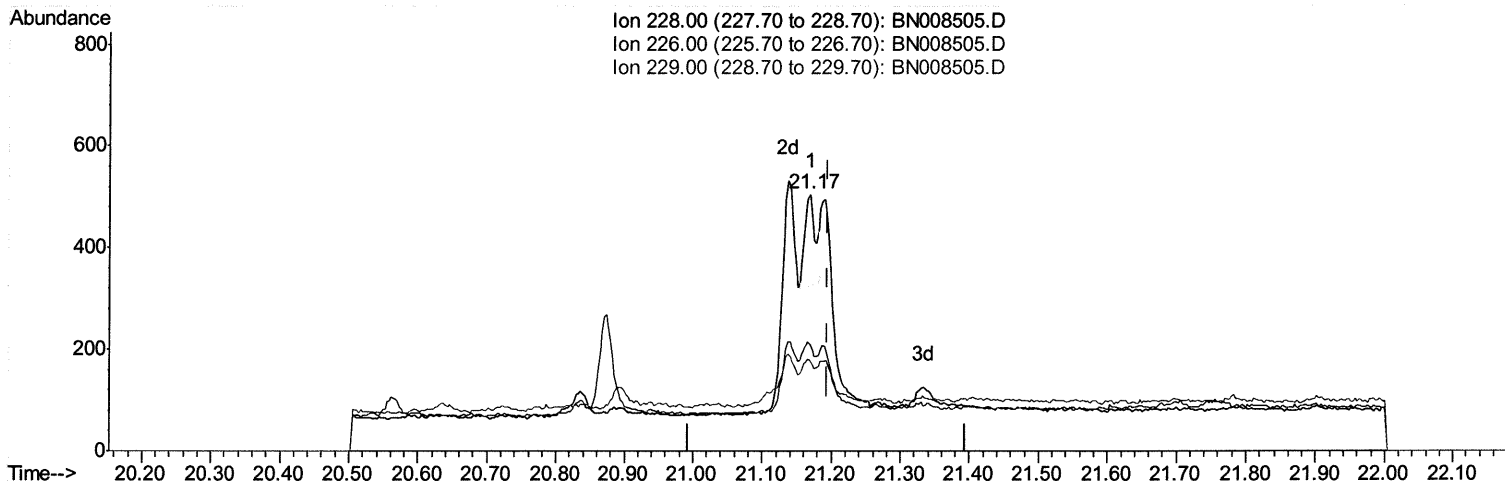
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008505.D
 Acq On : 08 Nov 2019 12:52
 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J04

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration



TIC: BN008505.D

(19) Chrysene

21.169min (-0.026) 0.01ng/ul

response 186

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	41.78#
229.00	20.80	35.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

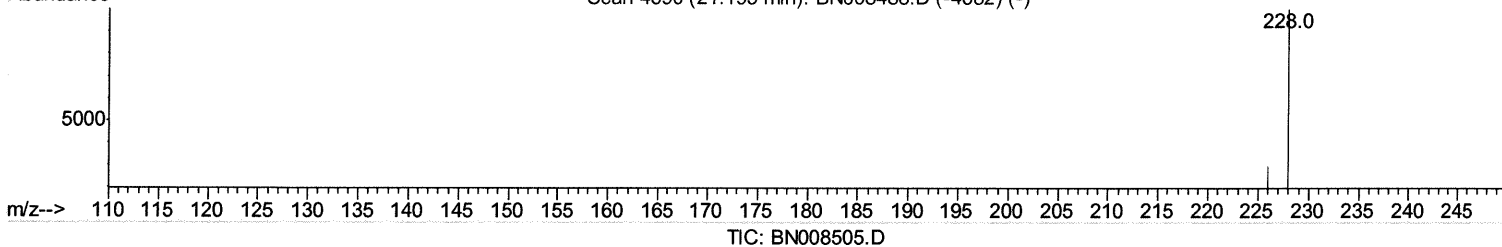
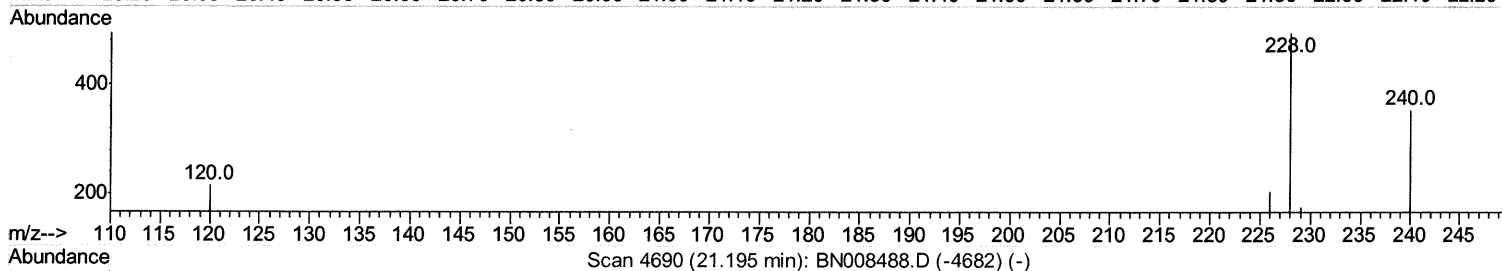
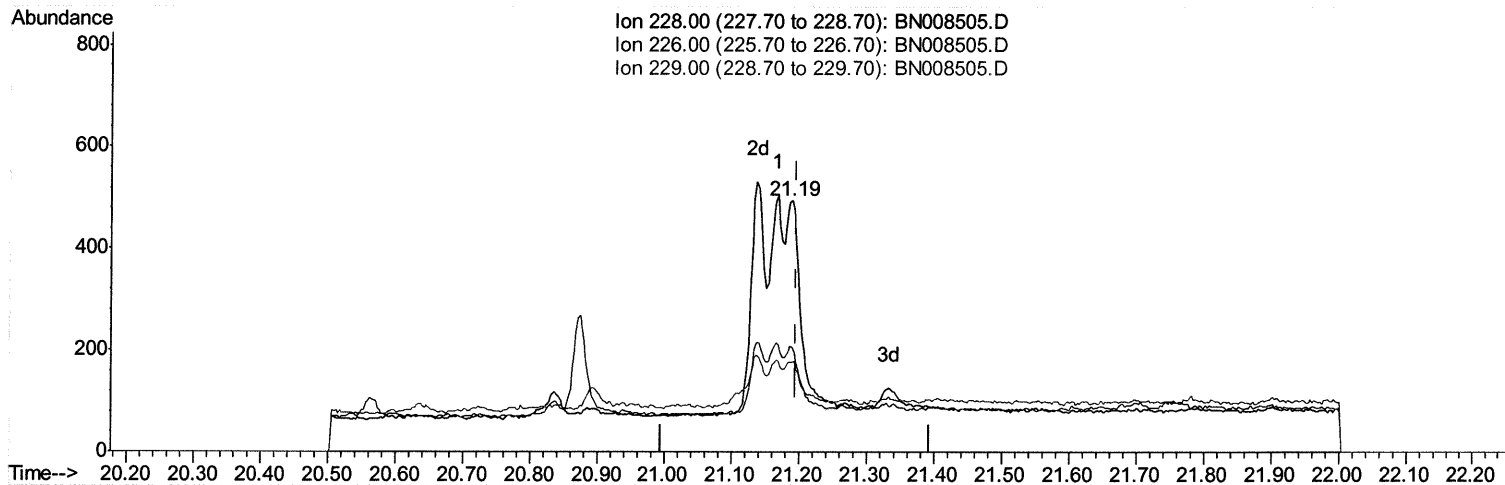
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008505.D
 Acq On : 08 Nov 2019 12:52
 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J04

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration



(19) Chrysene

21.189min (-0.006) 0.02ng/ul m JU 11/11/19

response 627

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	41.50#
229.00	20.80	35.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

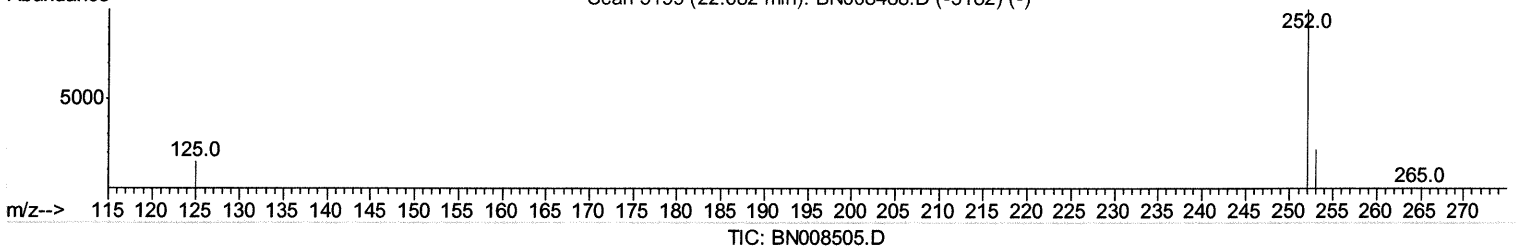
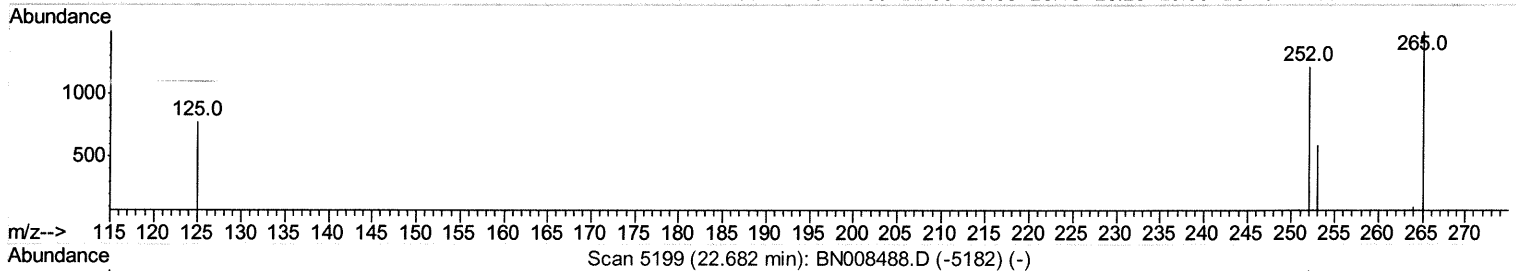
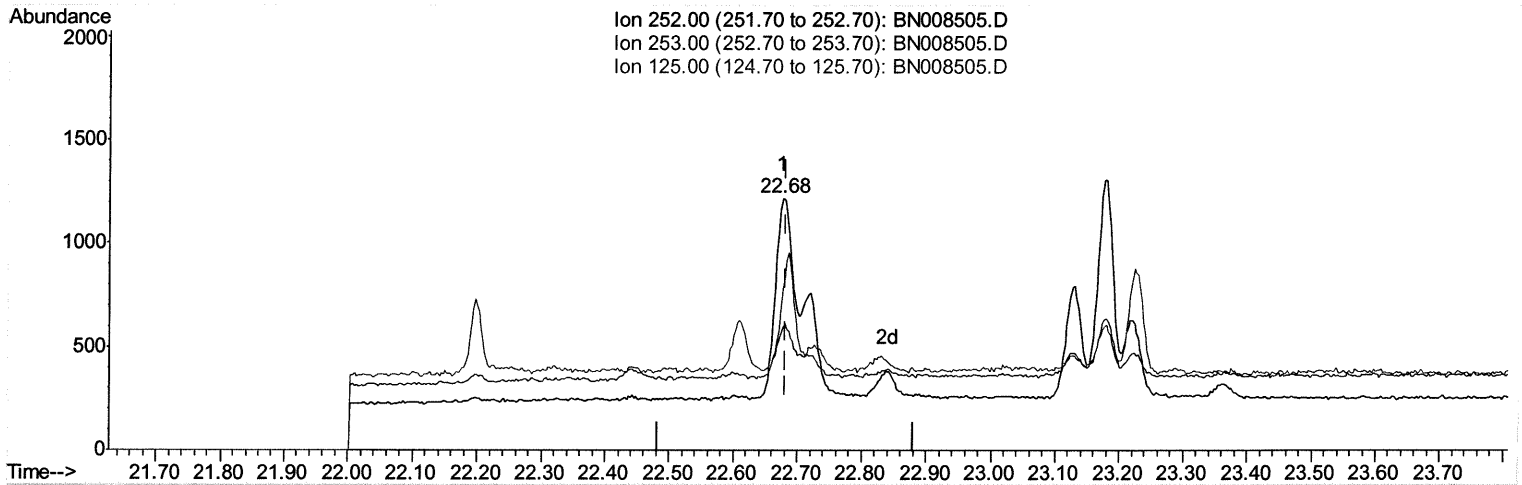
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008505.D
 Acq On : 08 Nov 2019 12:52
 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J04

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.677min (-0.006) 0.11ng/ul
 response 2850

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	48.60
125.00	29.30	63.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

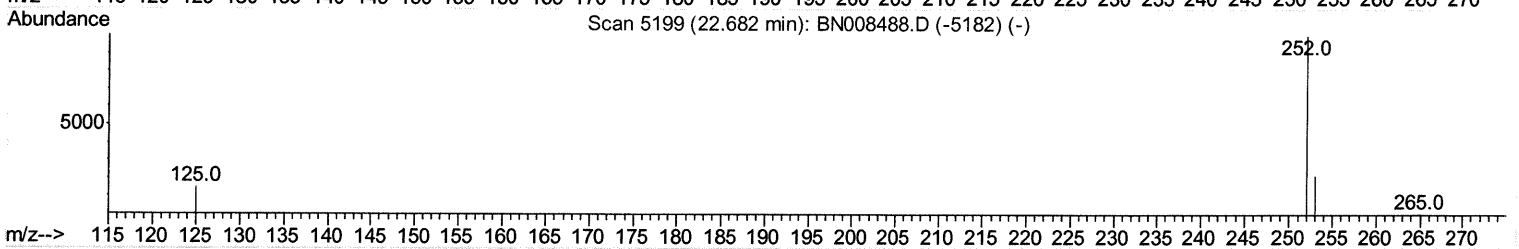
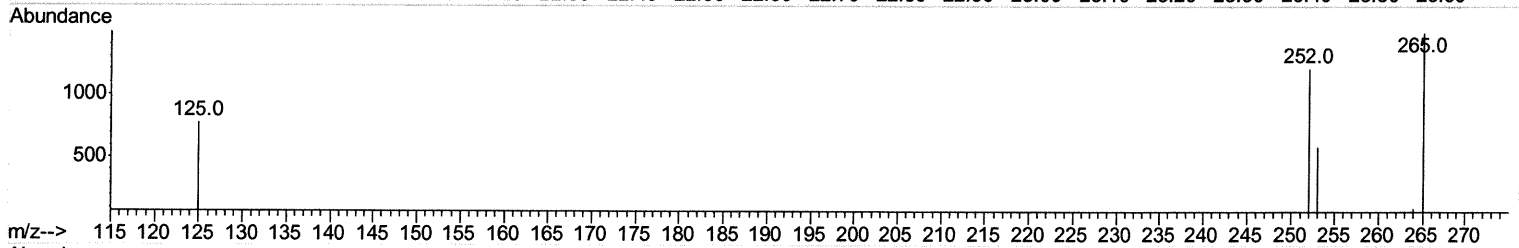
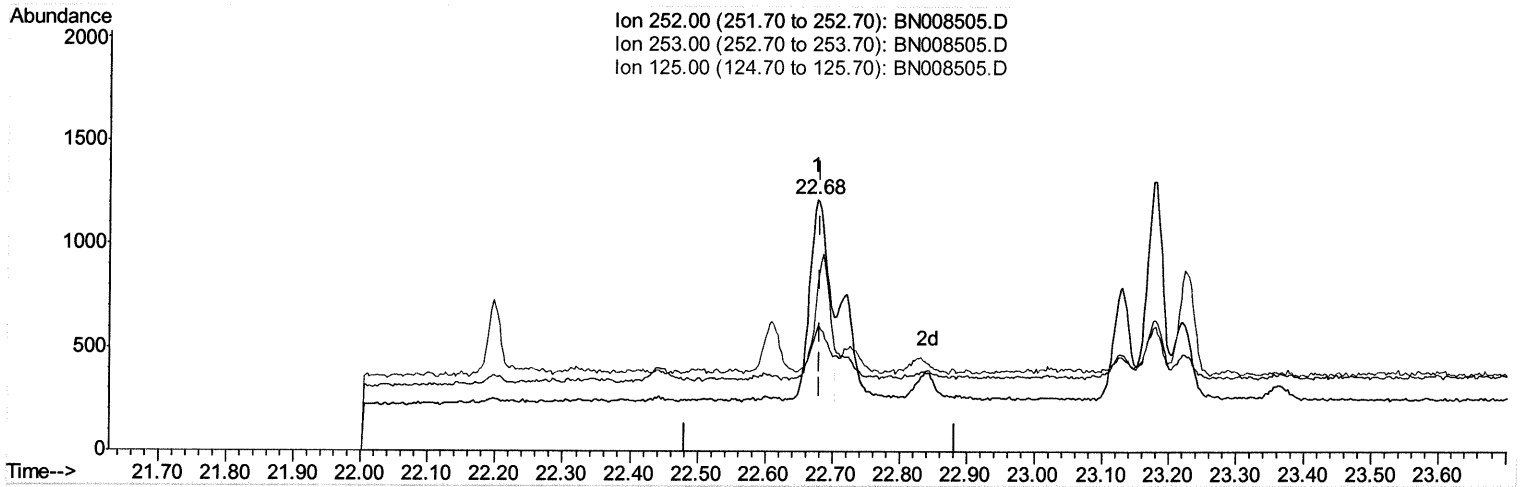
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008505.D
 Acq On : 08 Nov 2019 12:52
 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J04

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration



TIC: BN008505.D

(21) Benzo(b)fluoranthene

22.677min (-0.006) 0.07ng/ul m

JU 11/11/19

response 1961

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	48.60
125.00	29.30	63.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

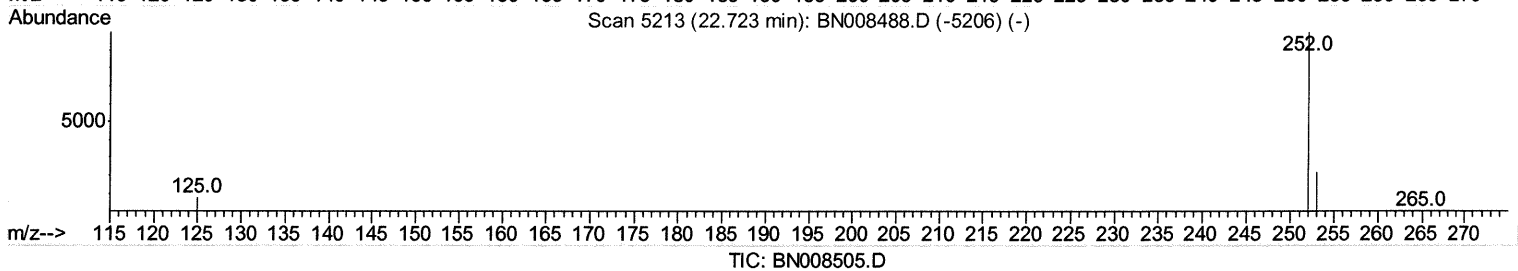
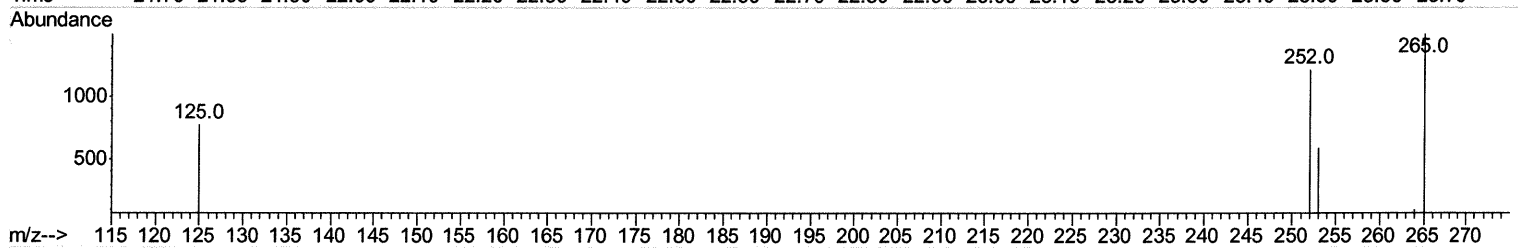
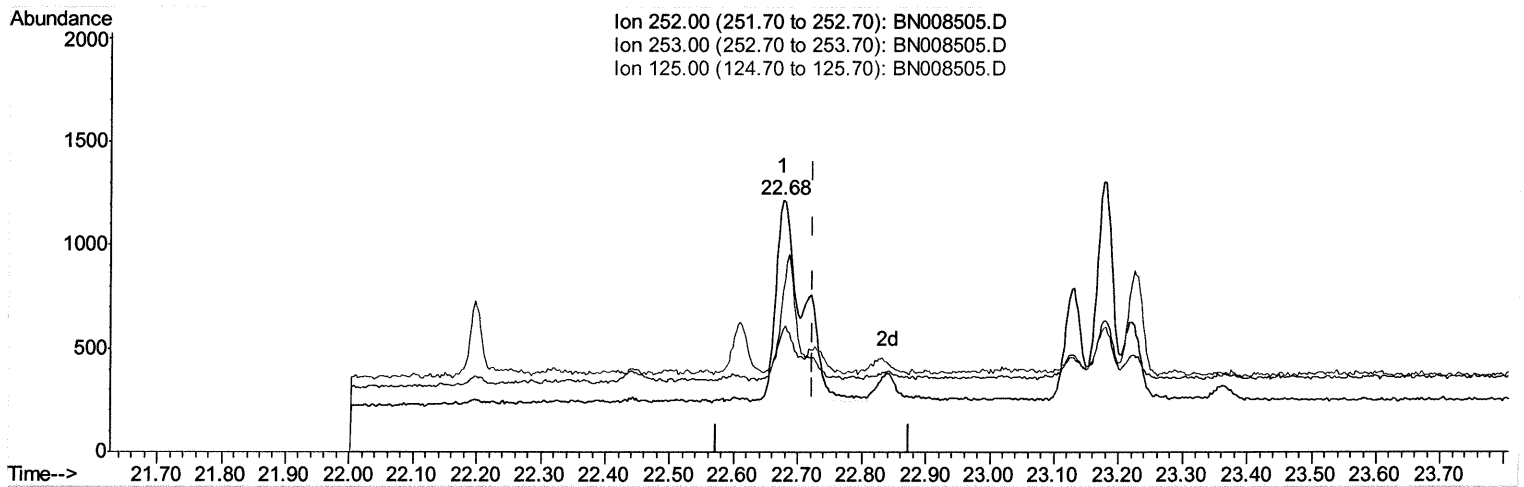
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008505.D
Acq On : 08 Nov 2019 12:52
Operator : JU
Sample : K5699-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F2J04

Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:53 AM

Quant Time: Nov 08 13:43:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.677min (-0.047) 0.09ng/ul

response 2850

Ion	Exp%	Act%
252.00	100	100
253.00	28.30	48.60#
125.00	18.40	63.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

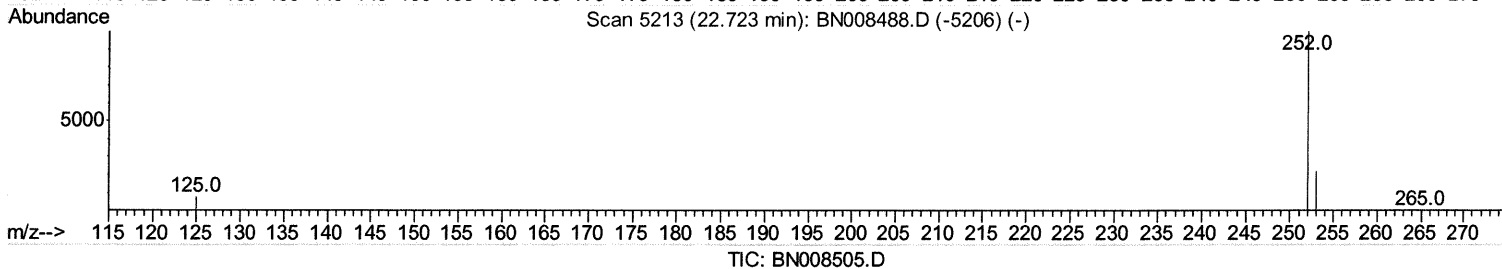
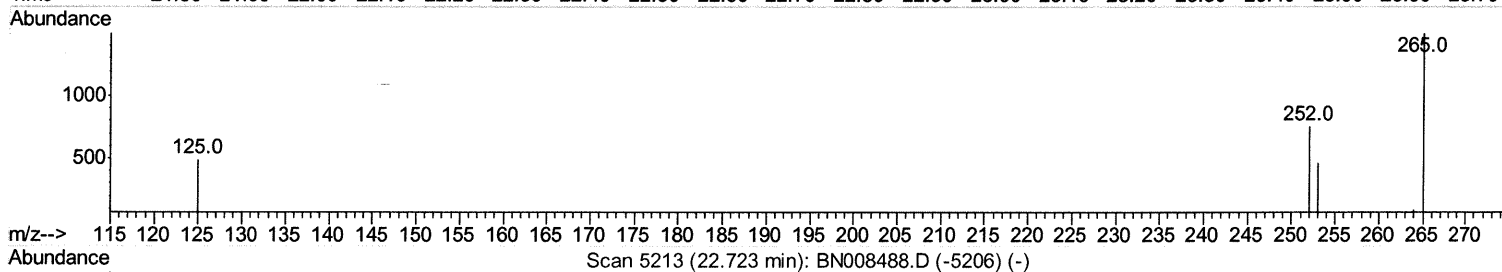
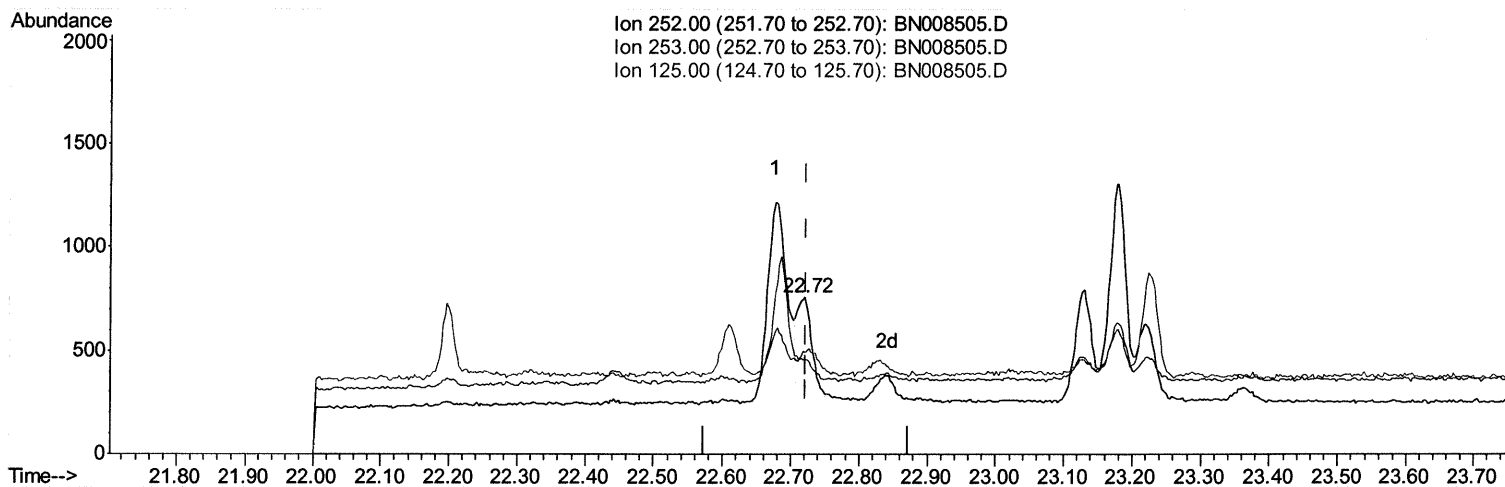
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008505.D
 Acq On : 08 Nov 2019 12:52
 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J04

Manual Integrations
 APPROVED

mohammad
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Quant Time: Nov 08 13:43:58 2019
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 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.720min (-0.003) 0.02ng/ul m

Handwritten: 24 11/11/19

response 683

Ion	Exp%	Act%
252.00	100	100
253.00	28.30	60.42#
125.00	18.40	64.64#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008505.D
 Acq On : 08 Nov 2019 12:52
 Operator : JU
 Sample : K5699-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1389	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6204	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3578	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7606m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	6541	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7082	0.40	ng/ul	0.00

JU 11/11/19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.92	152	2436	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	7944	0.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	13.90	152	463	0.028	ng/ul#	66
11) Pentachlorophenol	16.61	266	63	0.038	ng/ul	92
13) Anthracene	17.07	178	2107	0.104	ng/ul#	93
15) Fluoranthene	19.01	202	808	0.030	ng/ul	77
17) Pyrene	19.37	202	1697	0.053	ng/ul#	83
18) Benzo(a)anthracene	21.14	228	661	0.029	ng/ul#	73
19) Chrysene	21.19	228	627m	0.022	ng/ul	
21) Benzo(b)fluoranthene	22.68	252	1961m	0.074	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	683m	0.023	ng/ul	
23) Benzo(a)pyrene	23.22	252	646	0.024	ng/ul#	9
24) Indeno(1,2,3-cd)pyrene	25.47	276	661	0.022	ng/ul#	71
26) Benzo(g,h,i)perylene	26.11	276	591	0.022	ng/ul#	48

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