

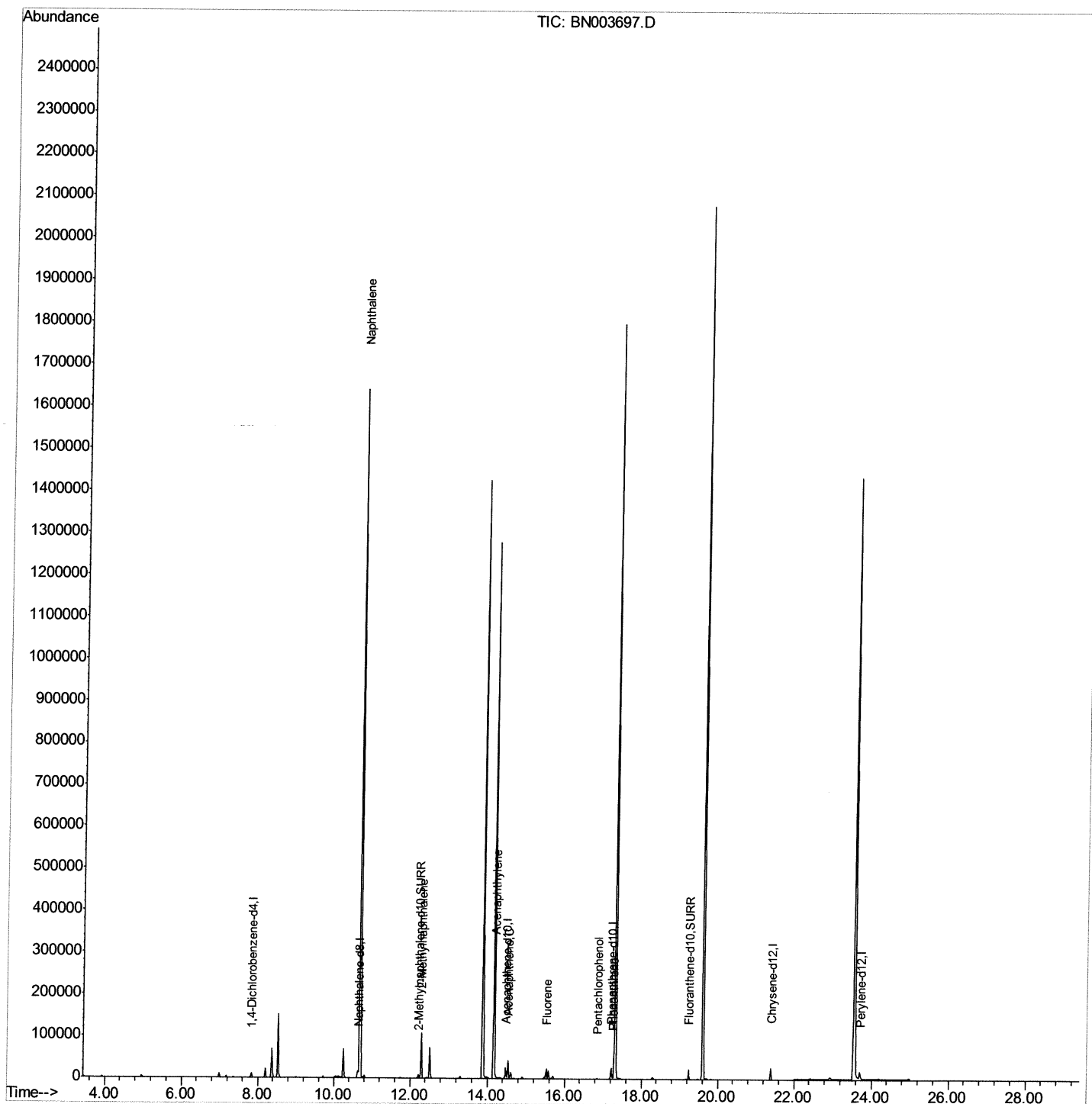
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003697.D
Acq On : 04 Dec 2018 12:40
Operator : JU/SJ
Sample : J6137-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J00

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:12:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

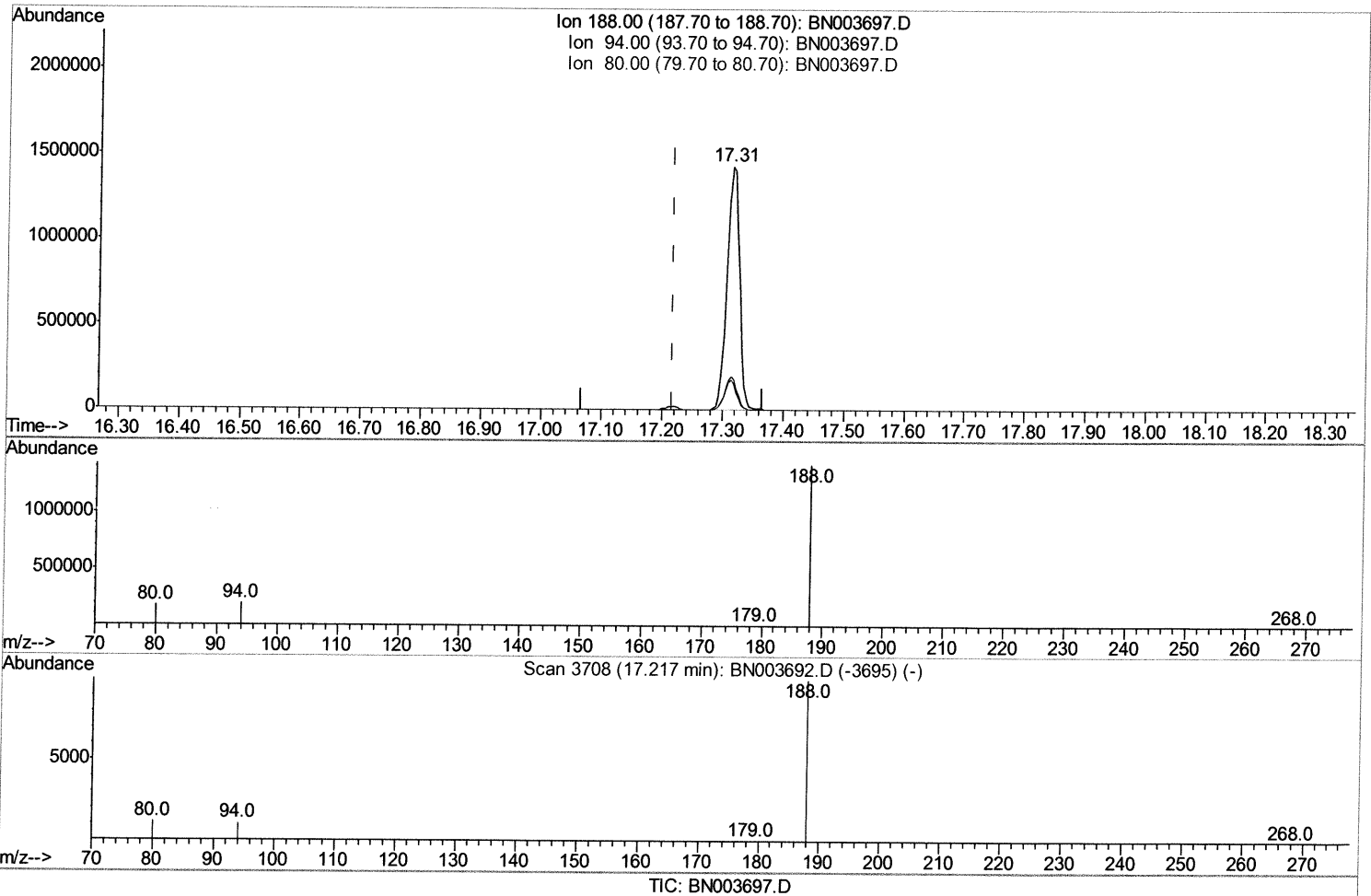
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003697.D
 Acq On : 04 Dec 2018 12:40
 Operator : JU/SJ
 Sample : J6137-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9J00

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:07:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 11:17:33 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.314min (+0.097) 0.40ng/ul
 response 2011799

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.60#
80.00	11.60	12.16
0.00	0.00	0.00

Quantitation Report (Qedit)

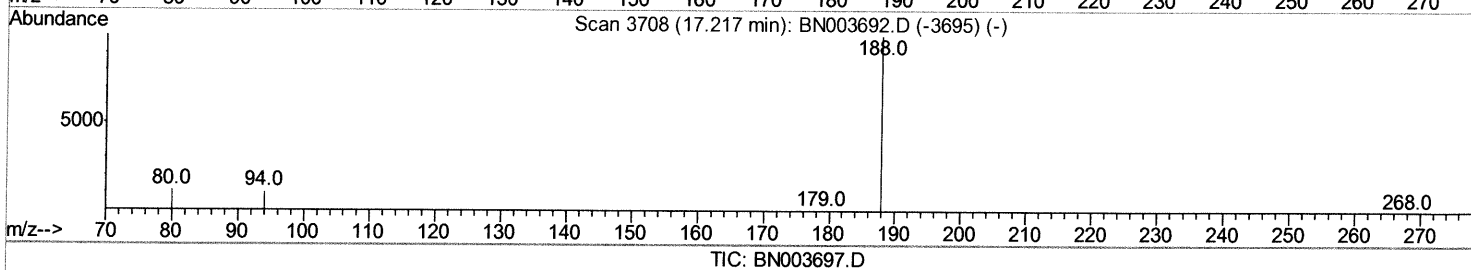
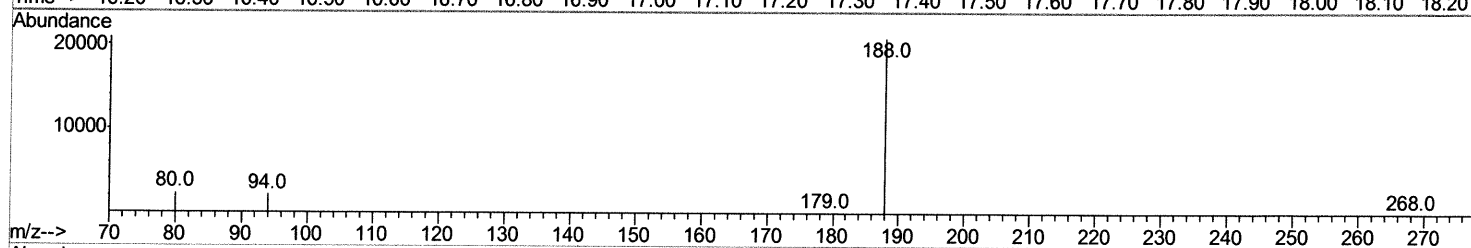
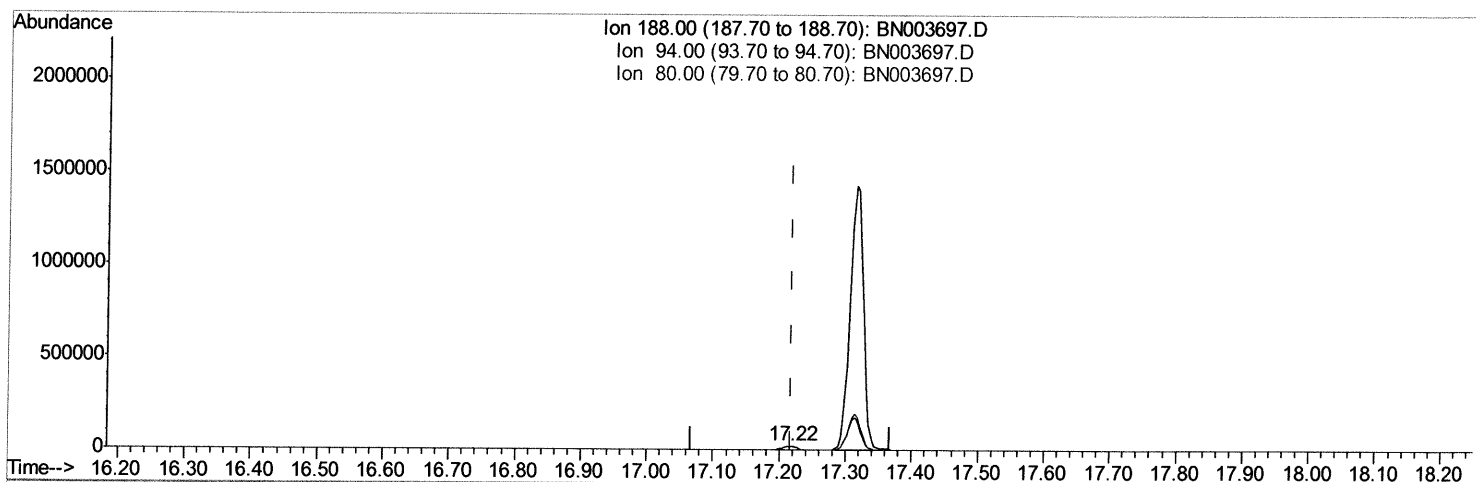
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003697.D
Acq On : 04 Dec 2018 12:40
Operator : JU/SJ
Sample : J6137-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9J00

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:07:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m > 50 12/11/18

response 28905

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.35
80.00	11.60	11.42
0.00	0.00	0.00

Quantitation Report (Qedit)

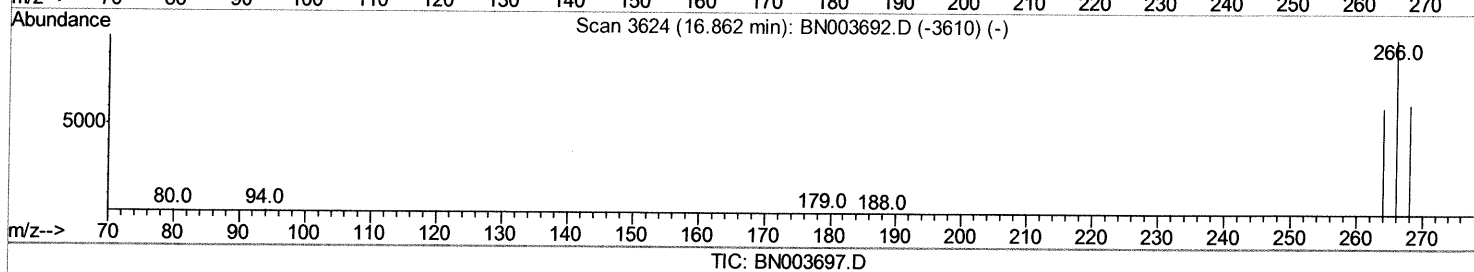
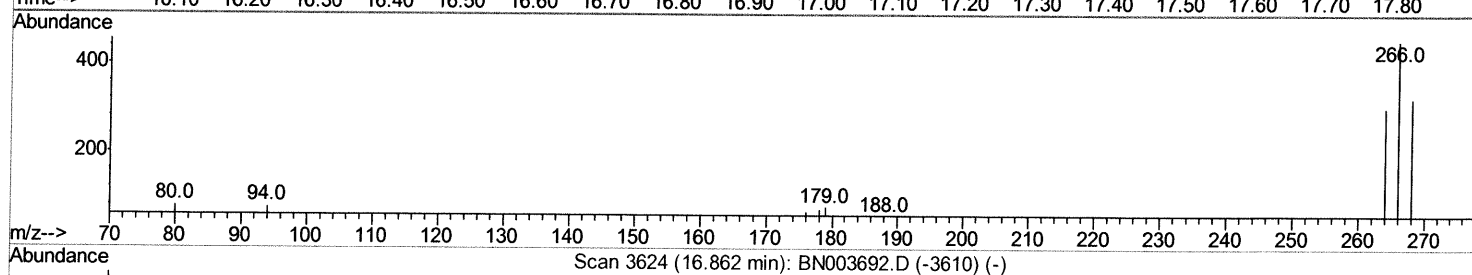
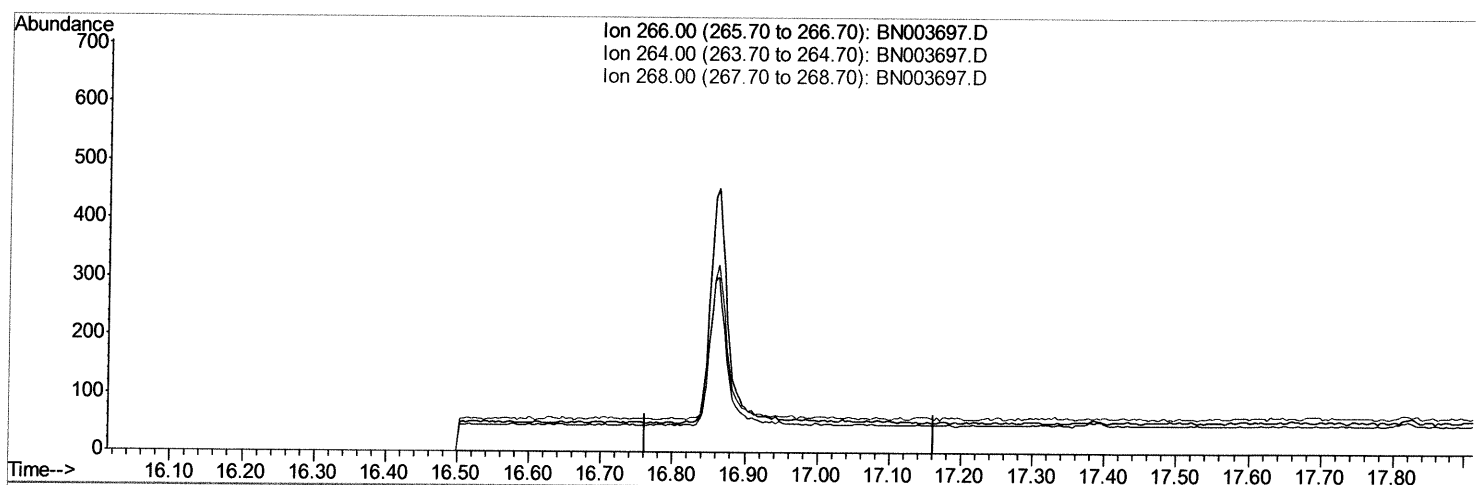
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003697.D
 Acq On : 04 Dec 2018 12:40
 Operator : JU/SJ
 Sample : J6137-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9J00

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:09:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 11:17:33 2018
 Response via : Initial Calibration



(11) Pentachlorophenol

16.862min (-16.862) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	61.80	0.00#
268.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

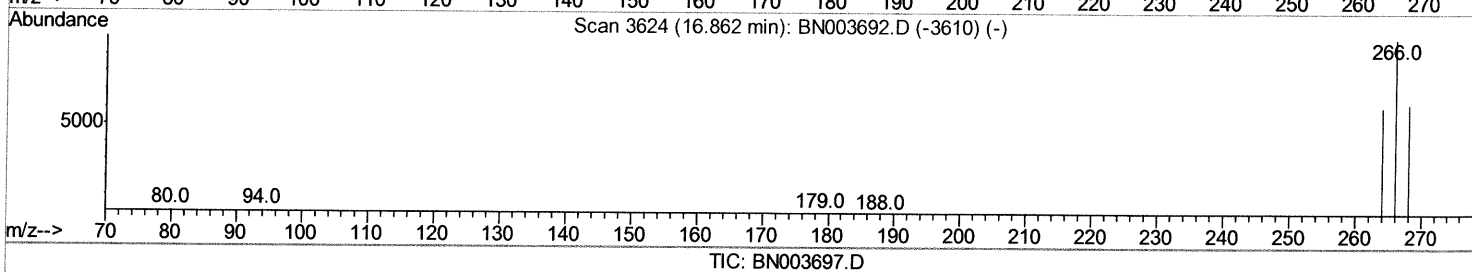
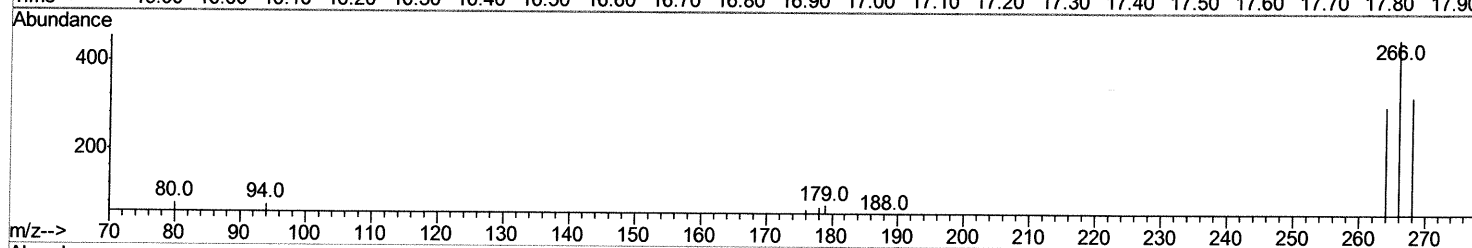
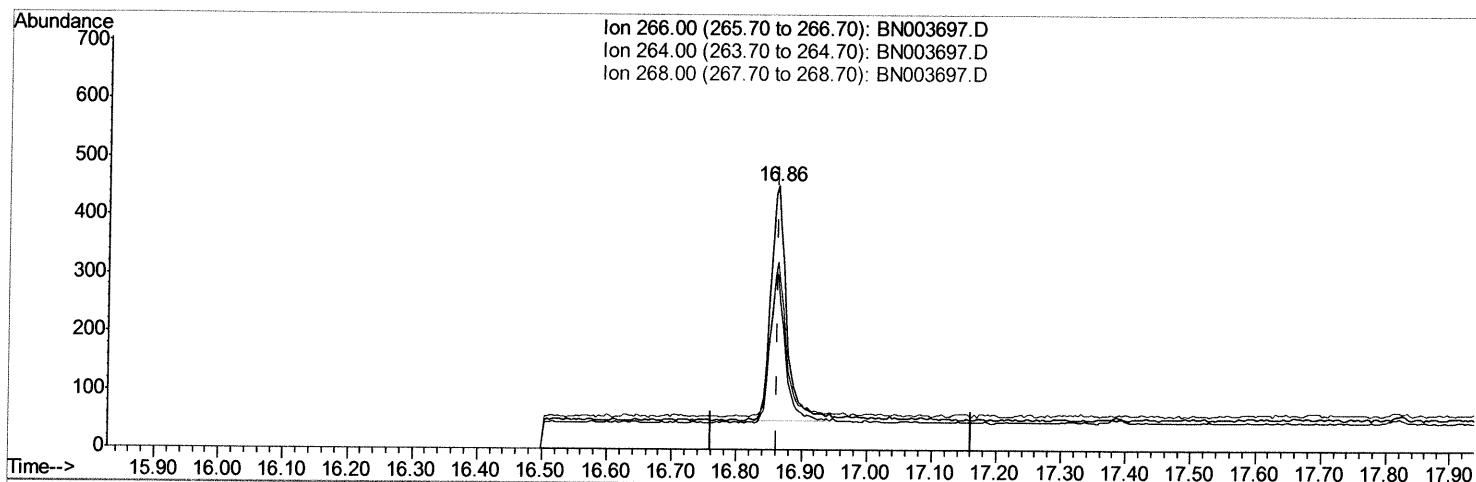
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003697.D
 Acq On : 04 Dec 2018 12:40
 Operator : JU/SJ
 Sample : J6137-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9J00

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:09:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 11:17:33 2018
 Response via : Initial Calibration



(11) Pentachlorophenol

16.862min (-0.000) 0.13ng/ul m) SJ 12/11/18

response 685

Ion	Exp%	Act%
266.00	100	100
264.00	61.80	0.00#
268.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

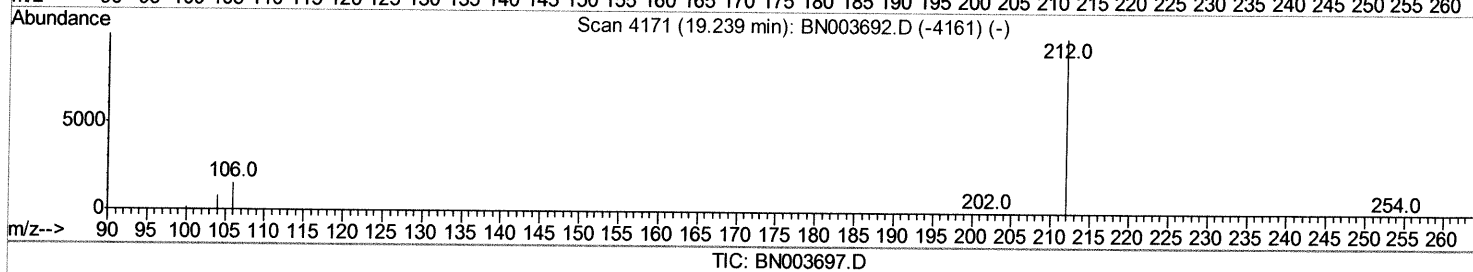
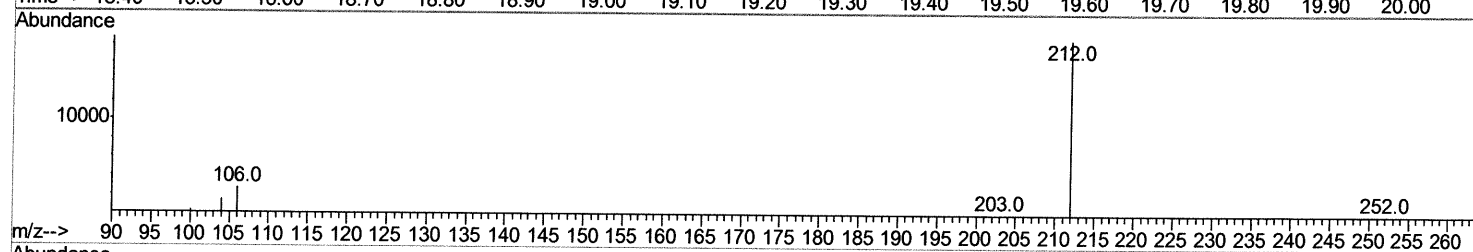
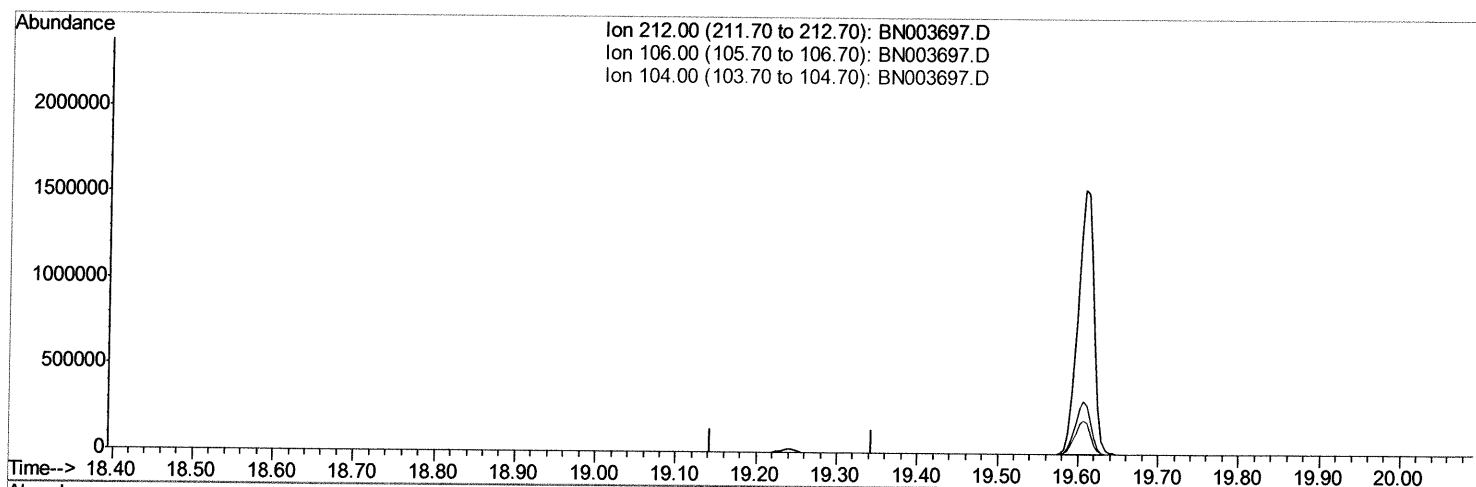
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003697.D
Acq On : 04 Dec 2018 12:40
Operator : JU/SJ
Sample : J6137-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J00

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:09:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

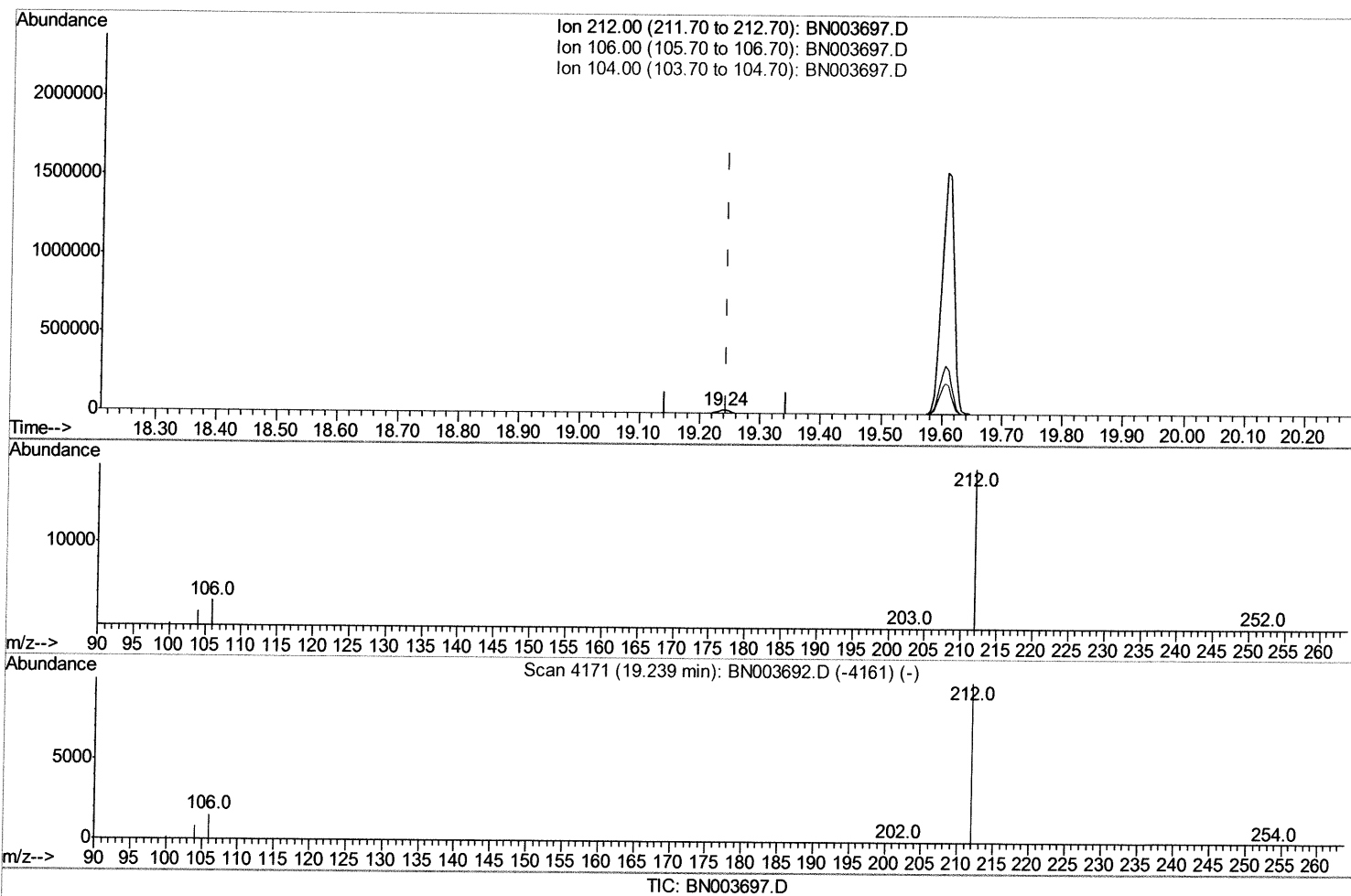
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003697.D
Acq On : 04 Dec 2018 12:40
Operator : JU/SJ
Sample : J6137-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J00

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:09:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.239min (-0.005) 0.31ng/ul m > 50 12/11/18

response 26345

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

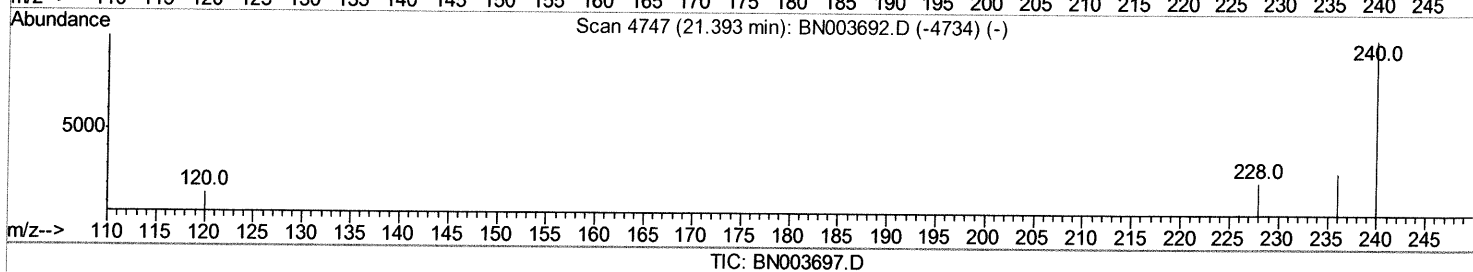
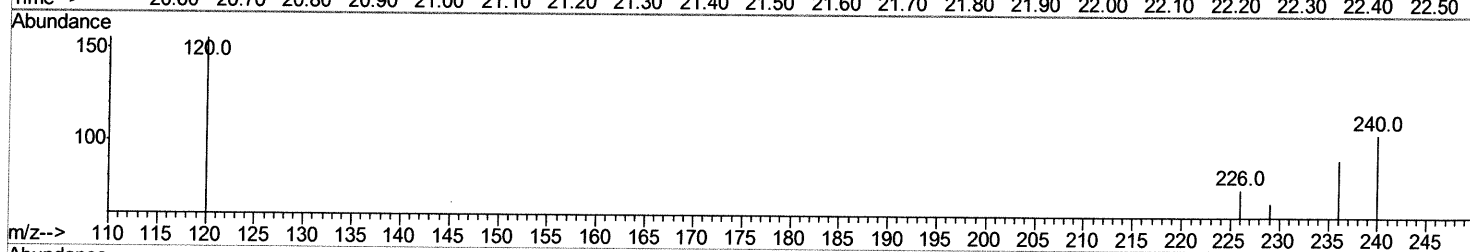
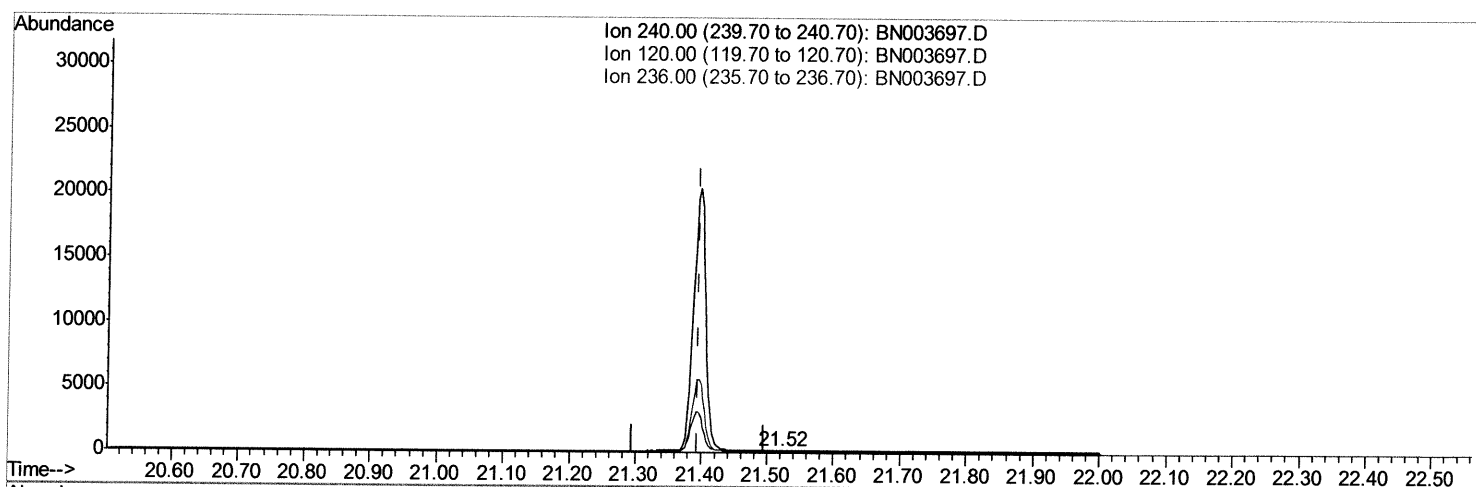
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003697.D
 Acq On : 04 Dec 2018 12:40
 Operator : JU/SJ
 Sample : J6137-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9J00

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:09:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 11:17:33 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.521min (+0.125) 0.40ng/ul

response 57

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	147.62#
236.00	27.60	86.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

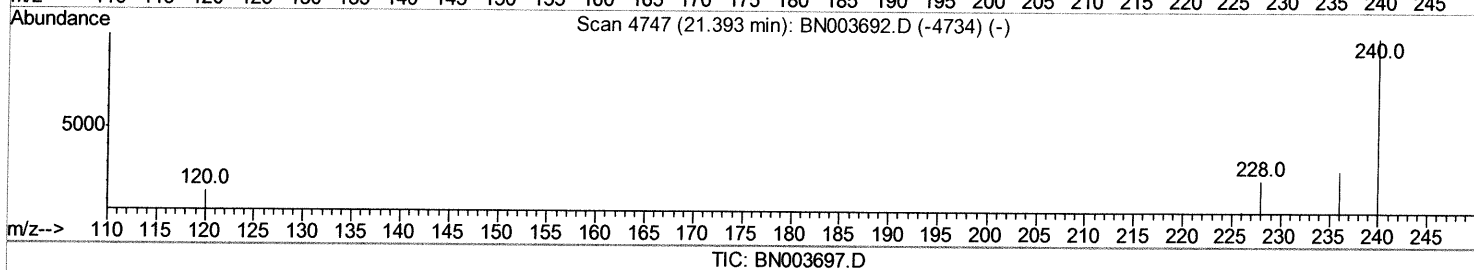
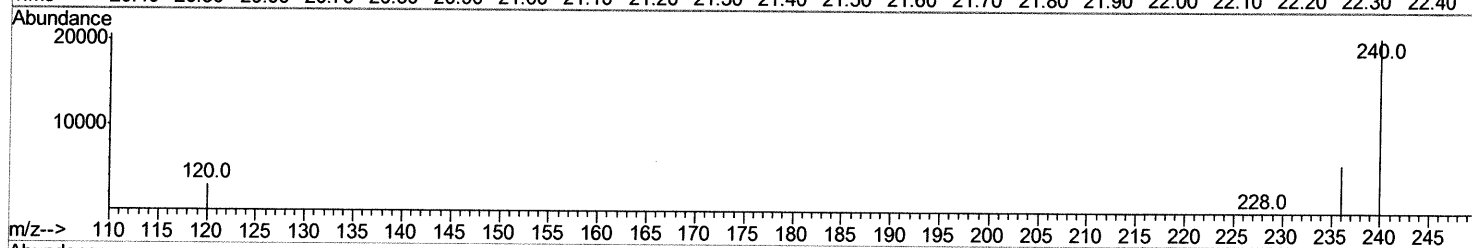
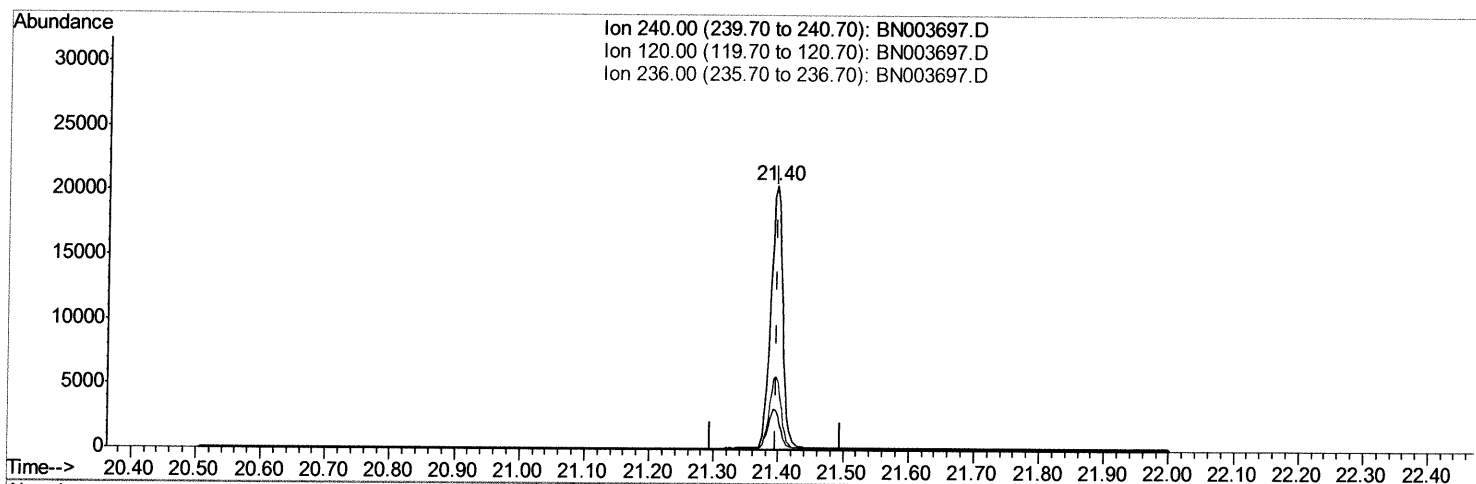
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003697.D
Acq On : 04 Dec 2018 12:40
Operator : JU/SJ
Sample : J6137-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9J00

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:09:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.395min (-0.000) 0.40ng/ul m > 50 12/11/18

response 25917

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	14.96
236.00	27.60	27.60
0.00	0.00	0.00

Quantitation Report (Qedit)

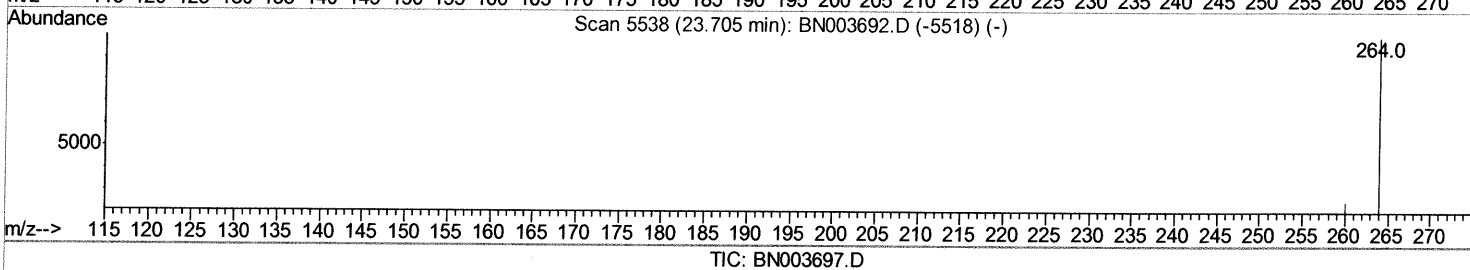
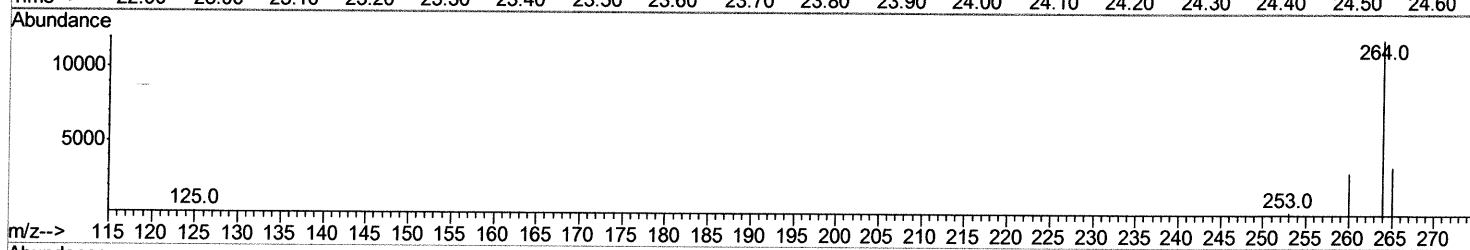
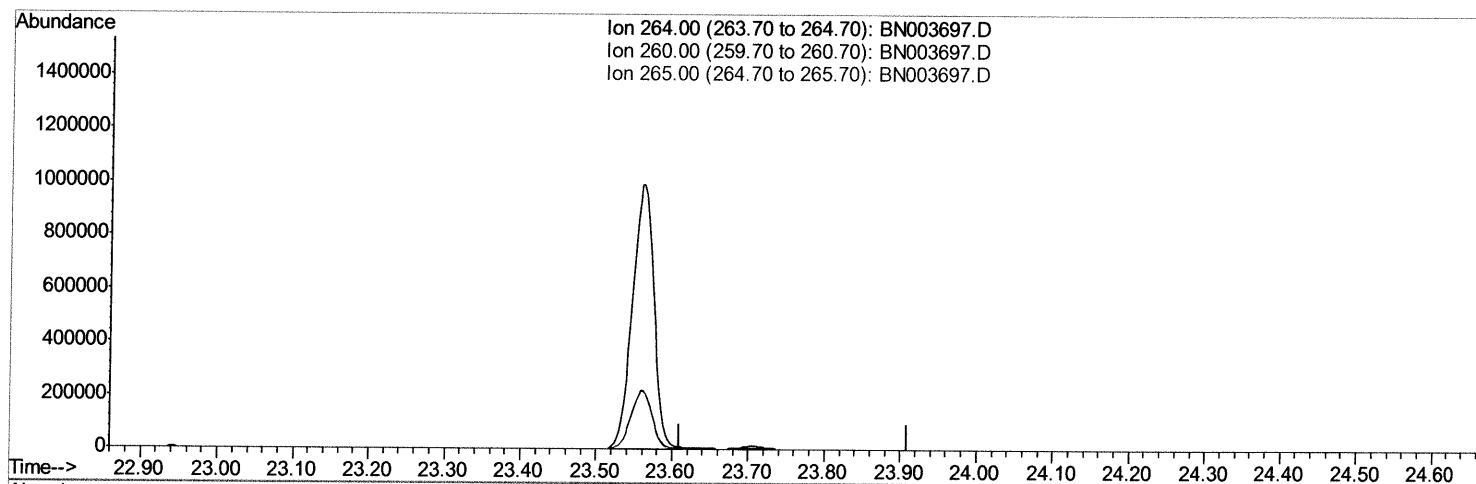
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003697.D
 Acq On : 04 Dec 2018 12:40
 Operator : JU/SJ
 Sample : J6137-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J00

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:11:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 11:17:33 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.710min (-23.710) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	26.20	0.00#
265.00	33.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

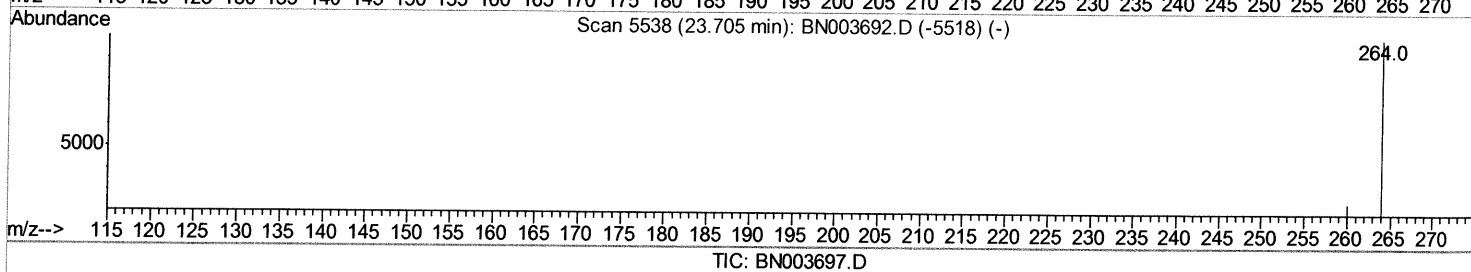
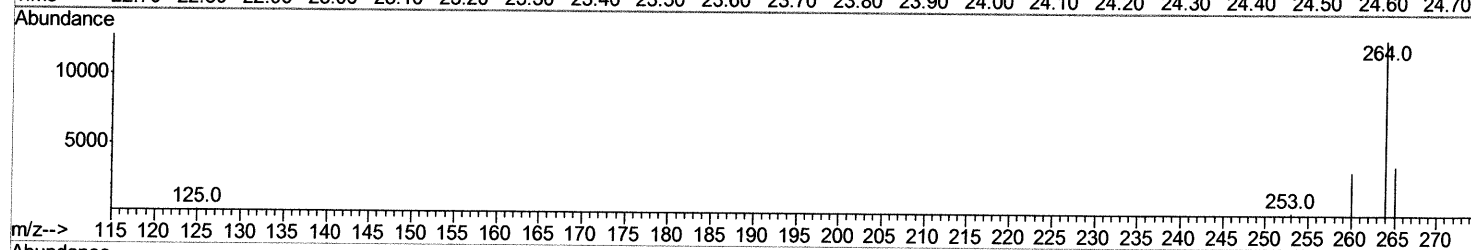
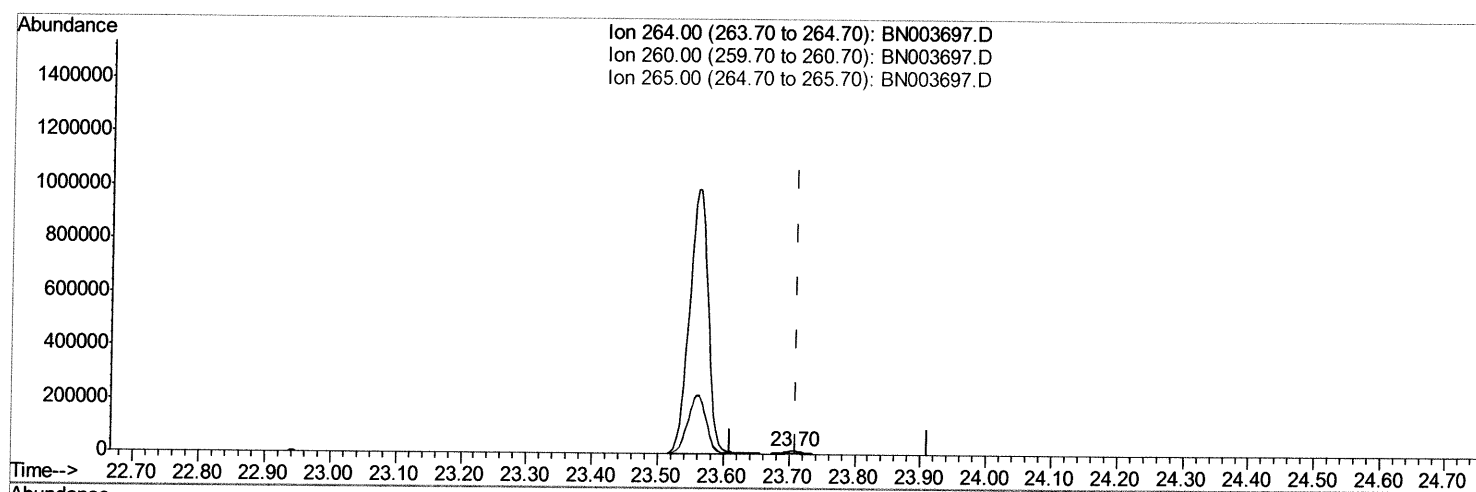
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003697.D
Acq On : 04 Dec 2018 12:40
Operator : JU/SJ
Sample : J6137-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J00

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:11:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.704min (-0.006) 0.40ng/ul m

> SJ 12/11/18

response 20980

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	25.96
265.00	33.50	29.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003697.D
 Acq On : 04 Dec 2018 12:40
 Operator : JU/SJ
 Sample : J6137-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J00

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:56 AM

Quant Time: Dec 04 15:12:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 11:17:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5595	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	22958	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13193	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	28905m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	25917m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	20980m	0.40	ng/ul	0.00

SJ 12/11/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.22	152	10539	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	26345m	0.31	ng/ul	0.00

SJ 12/11/18

Target Compounds

					Ovalue
3) Naphthalene	10.68	128	2263941	35.107	ng/ul 100
5) 2-Methylnaphthalene	12.29	142	75144	1.669	ng/ul 100
7) Acenaphthylene	14.19	152	5899	0.099	ng/ul 97
8) Acenaphthene	14.53	153	25045	0.481	ng/ul 100
9) Fluorene	15.52	166	14618	0.241	ng/ul 98
11) Pentachlorophenol	16.86	266	685m	0.132	ng/ul
12) Phenanthrene	17.26	178	9302	0.098	ng/ul 99

SJ 12/11/18

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