

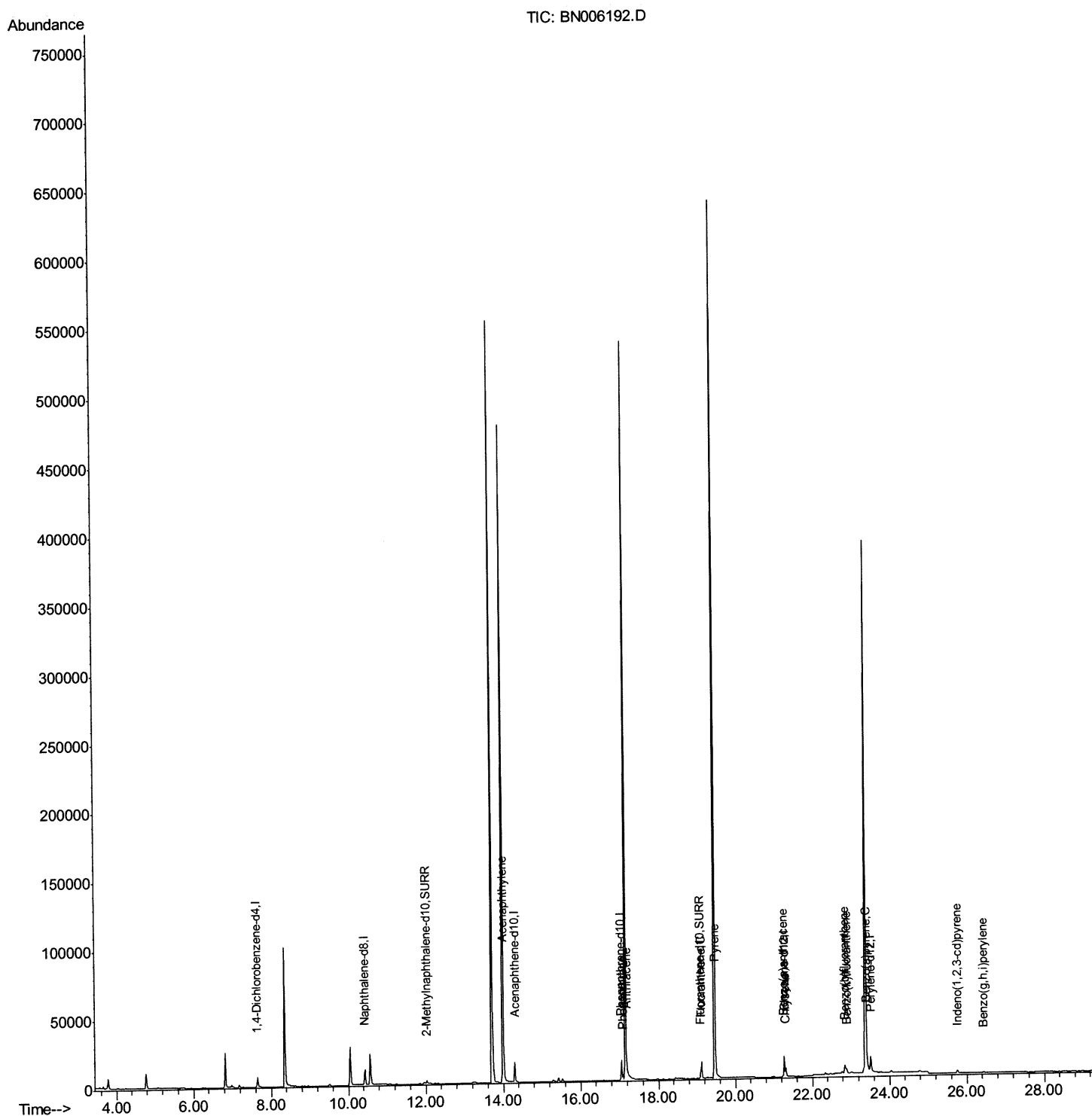
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:28:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

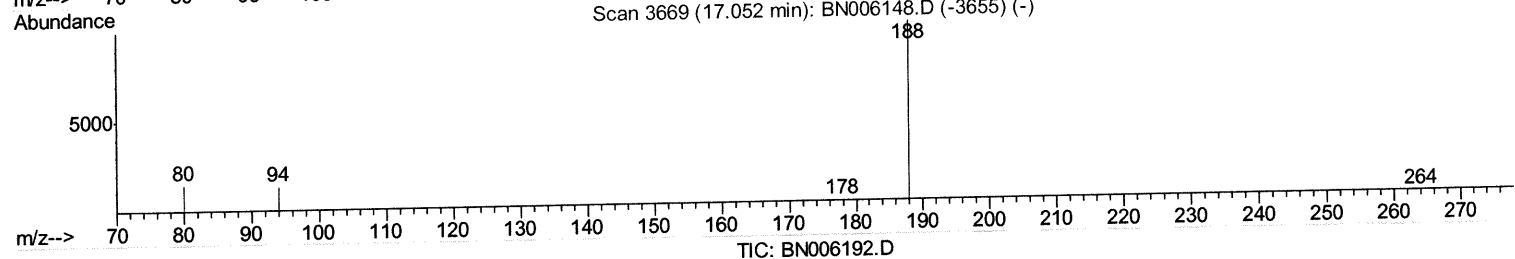
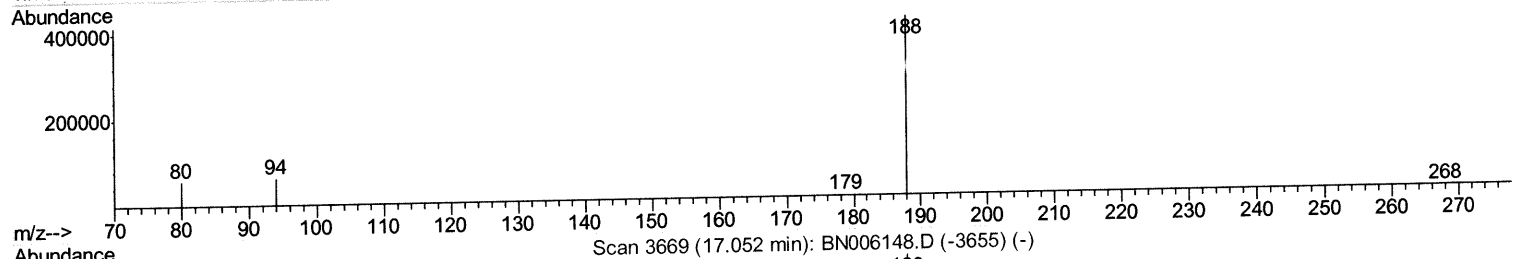
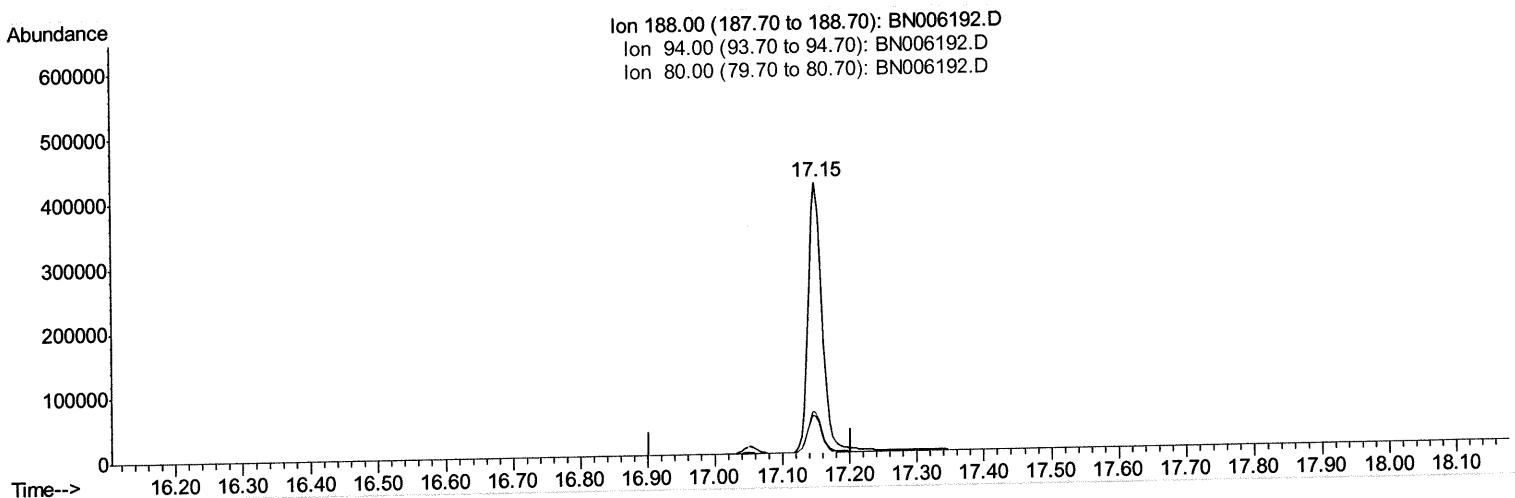
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:22:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 578623

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.91
80.00	13.60	13.49
0.00	0.00	0.00

Quantitation Report (Qedit)

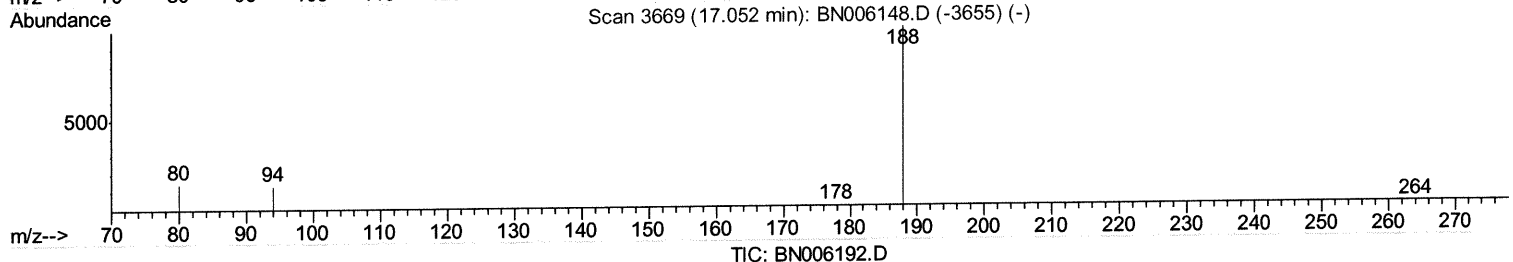
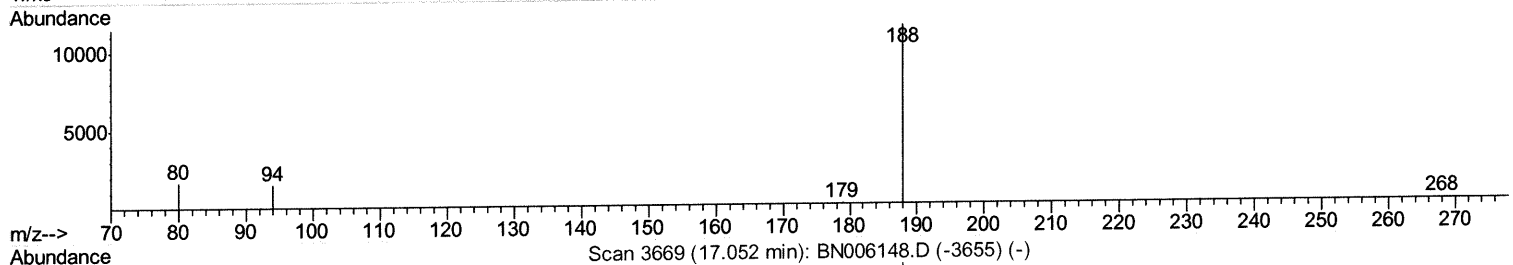
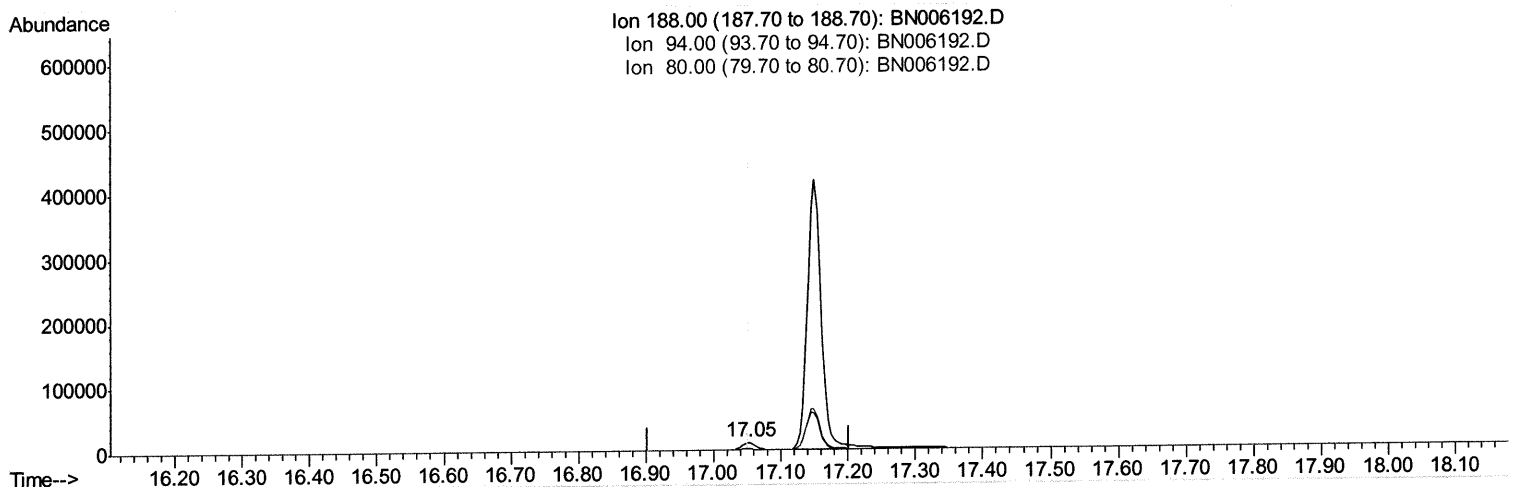
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:22:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m *JU 06/10/19*

response 16870

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.22
80.00	13.60	14.69
0.00	0.00	0.00

Quantitation Report (Qedit)

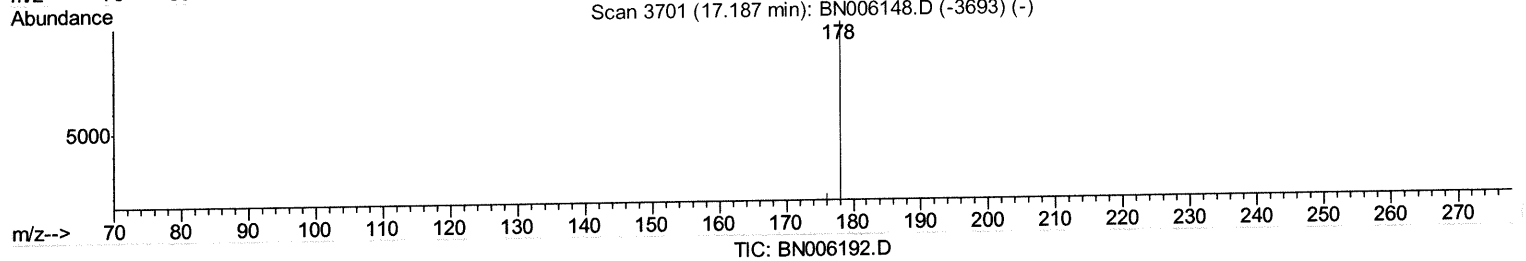
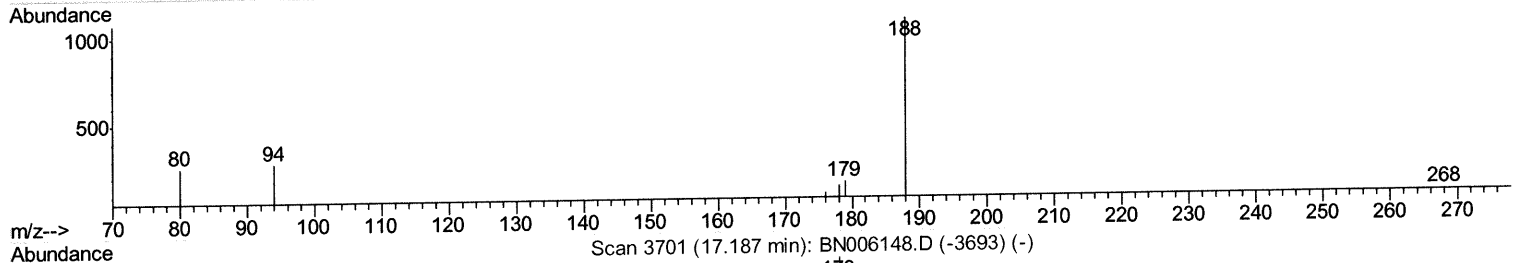
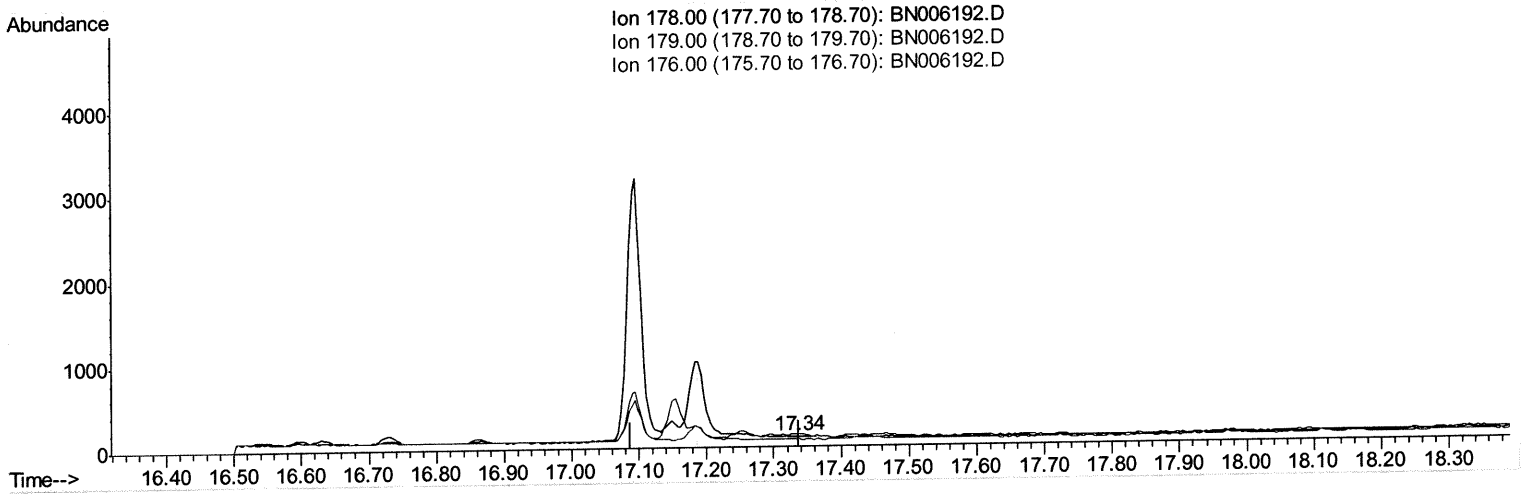
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(13) Anthracene

17.335min (+0.148) 0.00ng/ul

response 41

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	118.70#
176.00	18.90	69.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

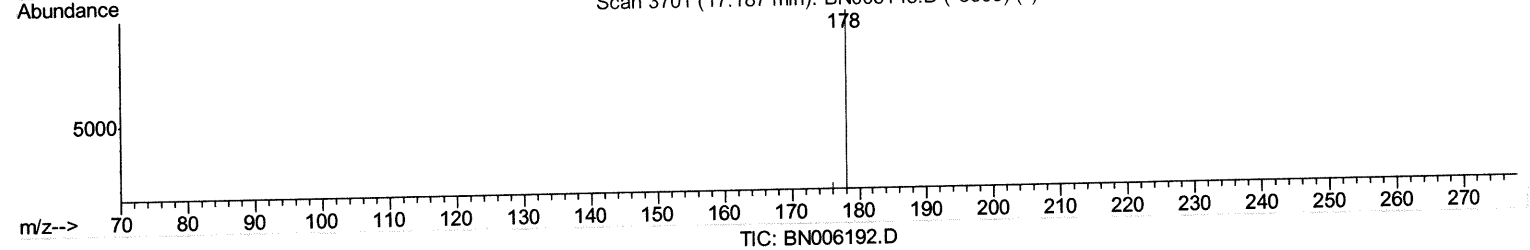
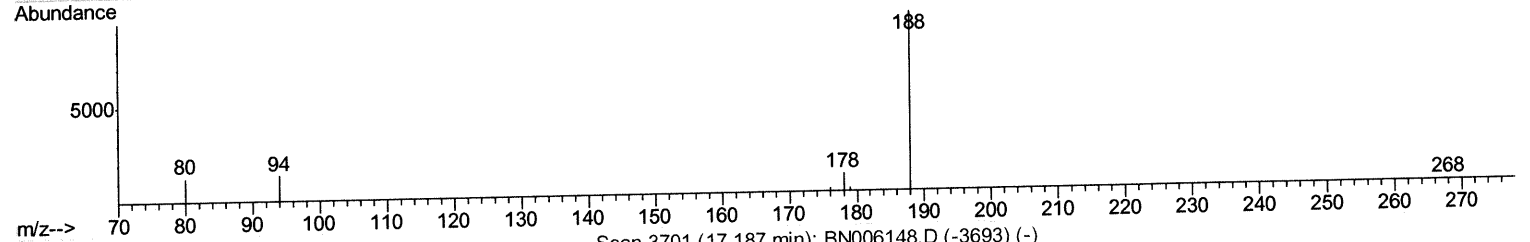
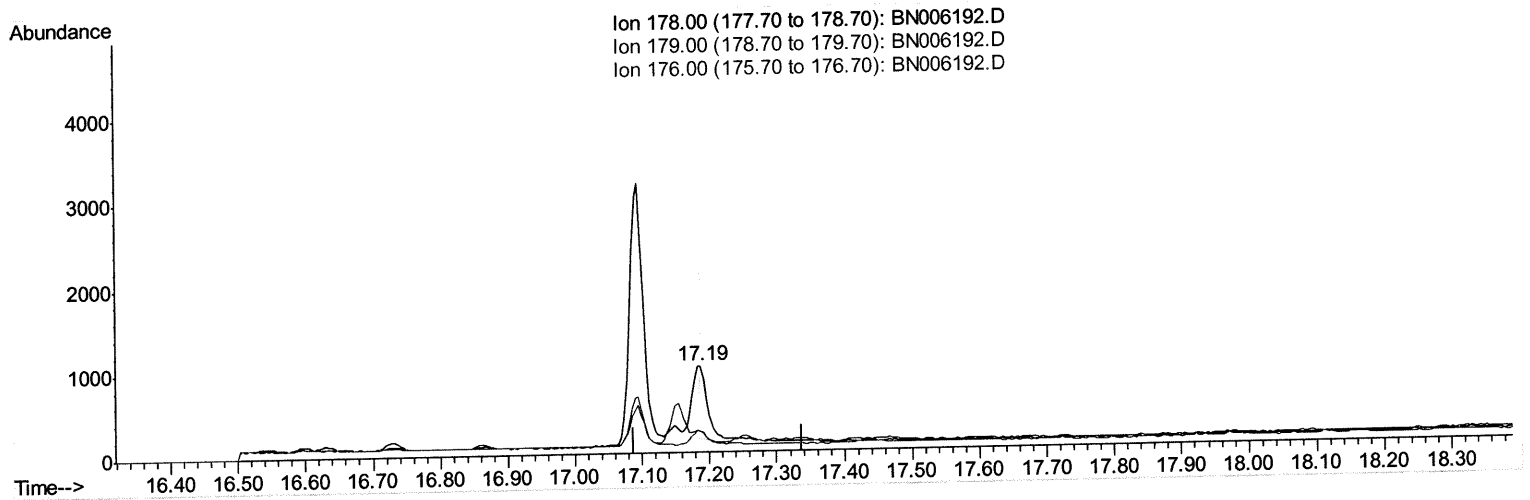
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(13) Anthracene

17.187min (-0.000) 0.03ng/ul m *JU 06/10/19*

response 1318

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	23.84#
176.00	18.90	24.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

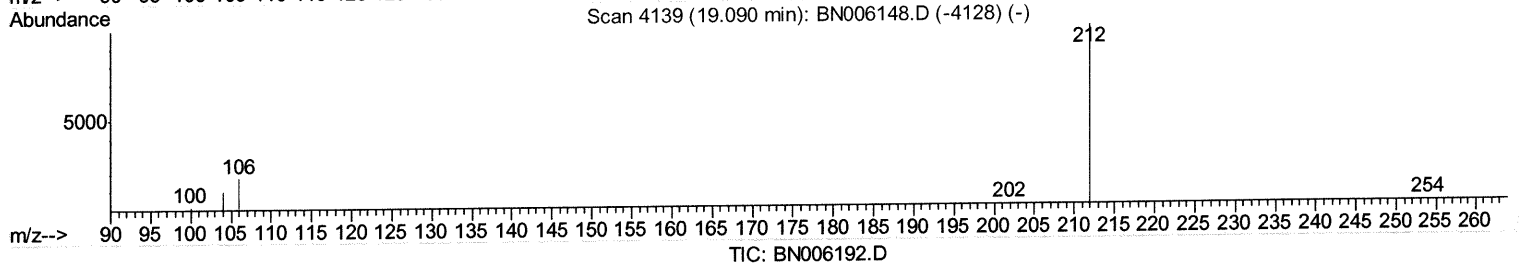
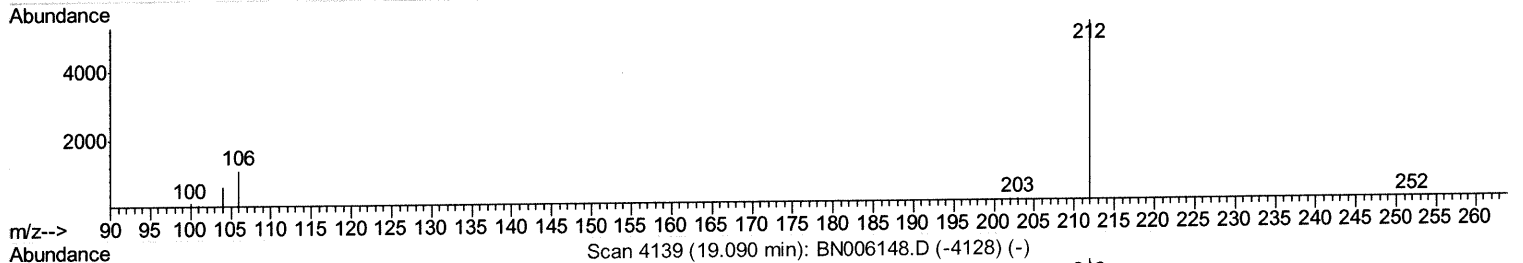
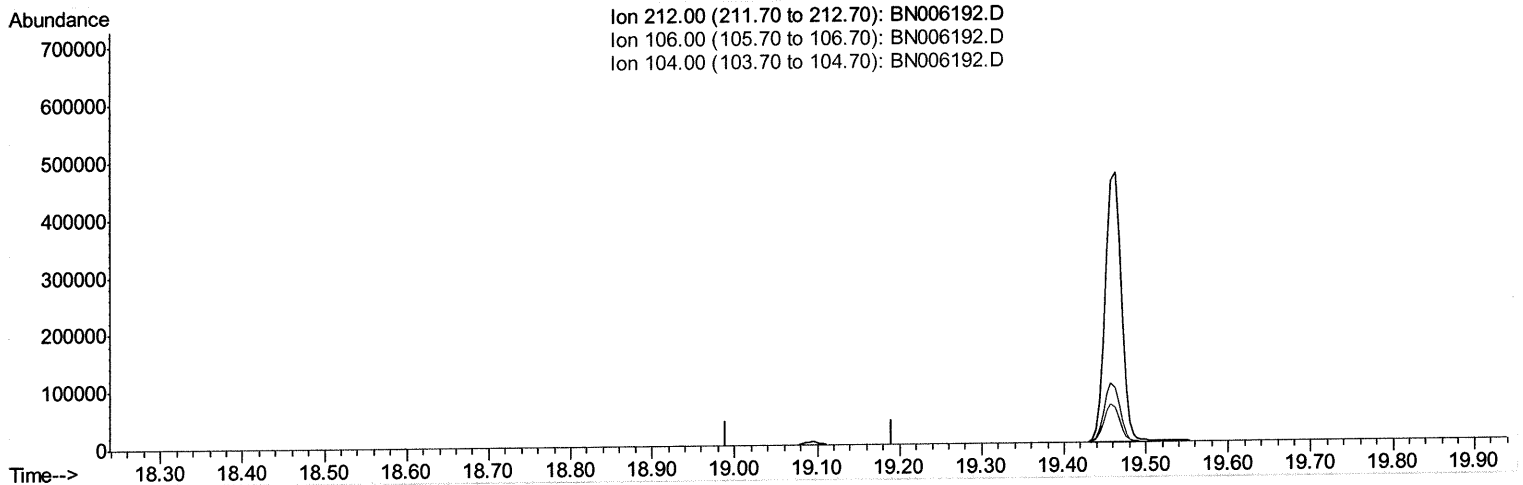
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

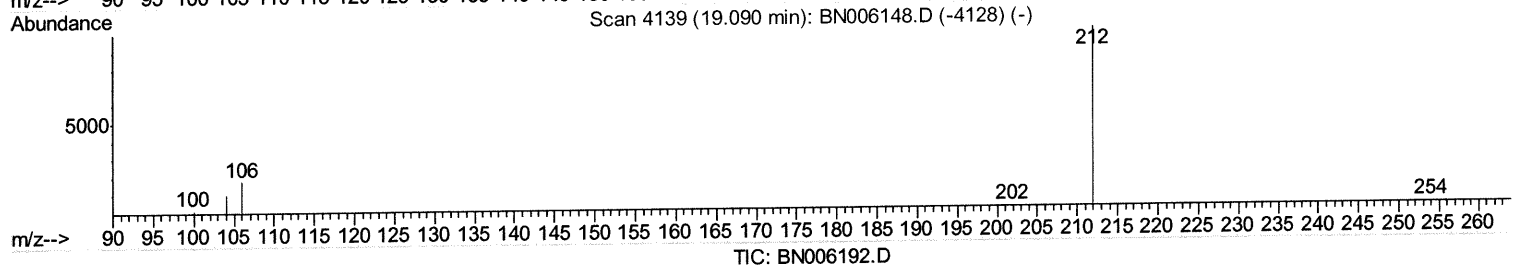
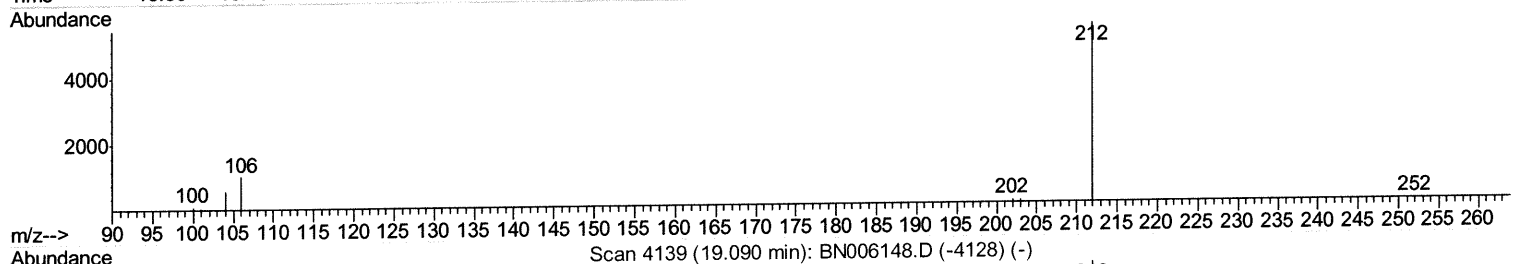
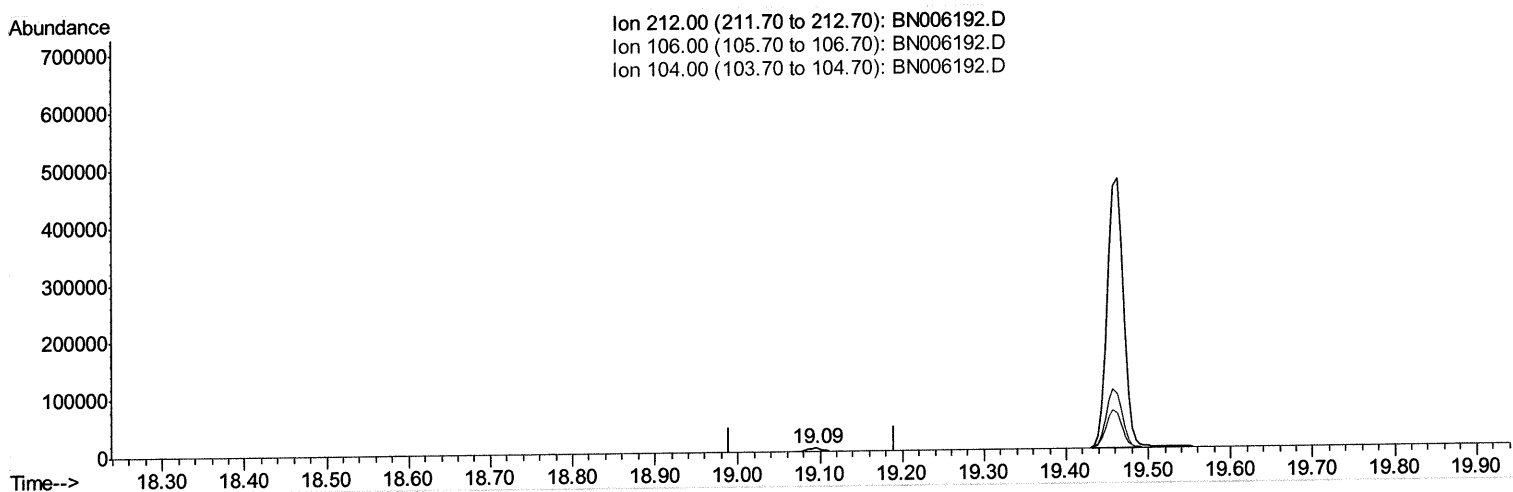
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (+0.005) 0.17ng/ul m *JU 06/10/19*

response 7639

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

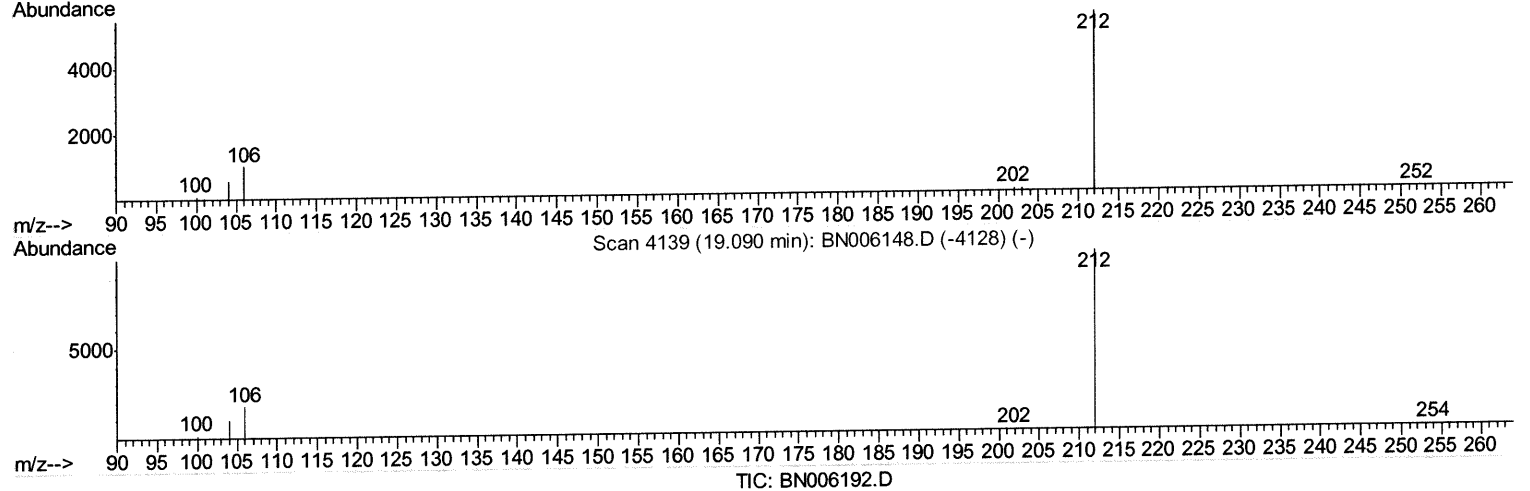
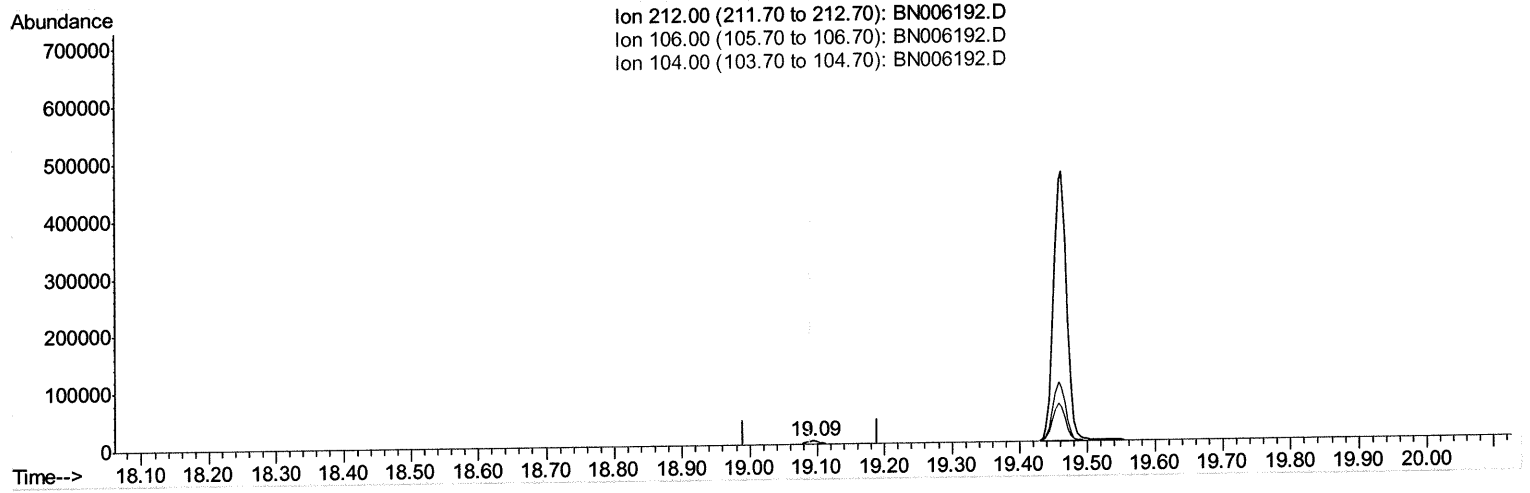
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (+0.005) 0.17ng/ul m *JU 06/11/19*

response 7639

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

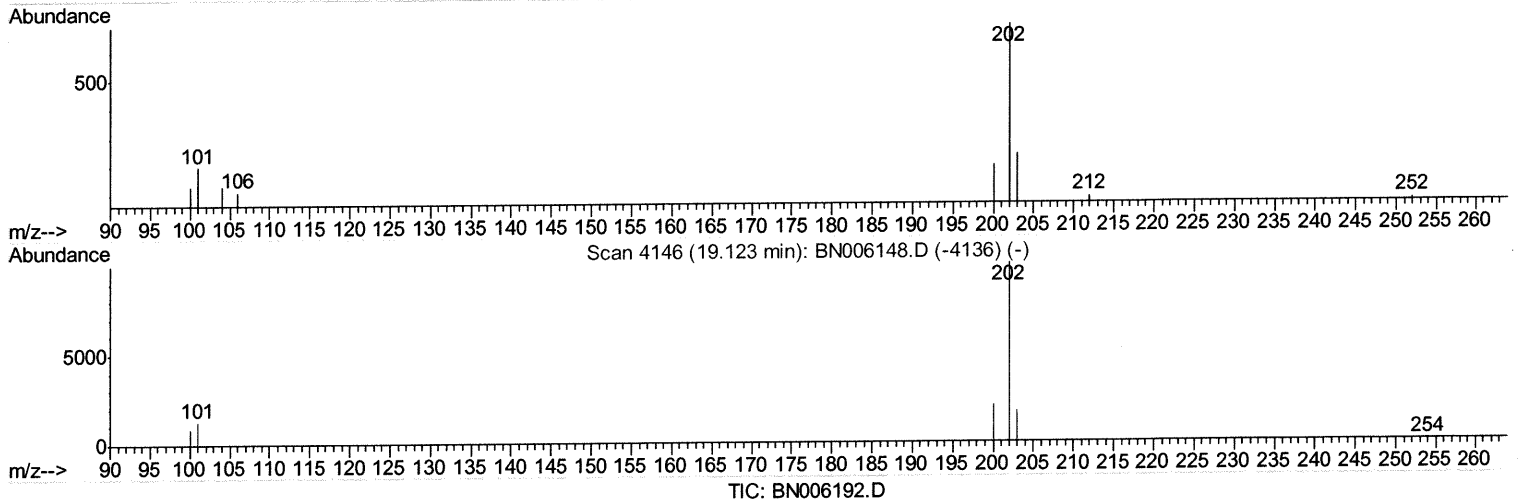
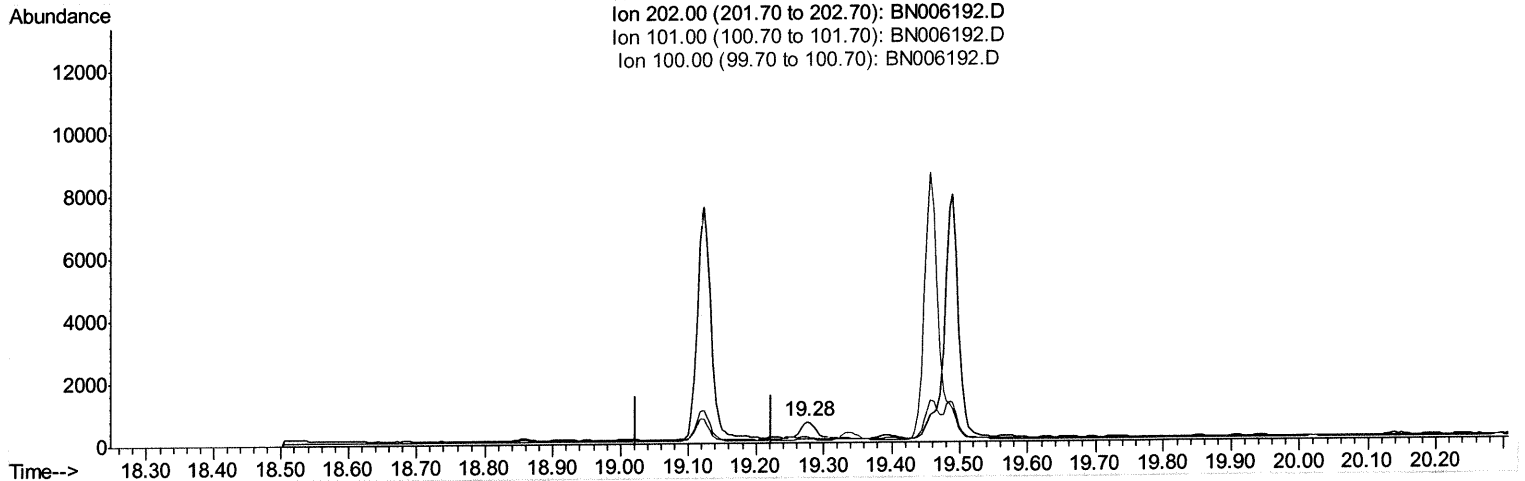
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.276min (+0.153) 0.01ng/ul

response 751

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	28.92
100.00	8.70	18.90
0.00	0.00	0.00

Quantitation Report (Qedit)

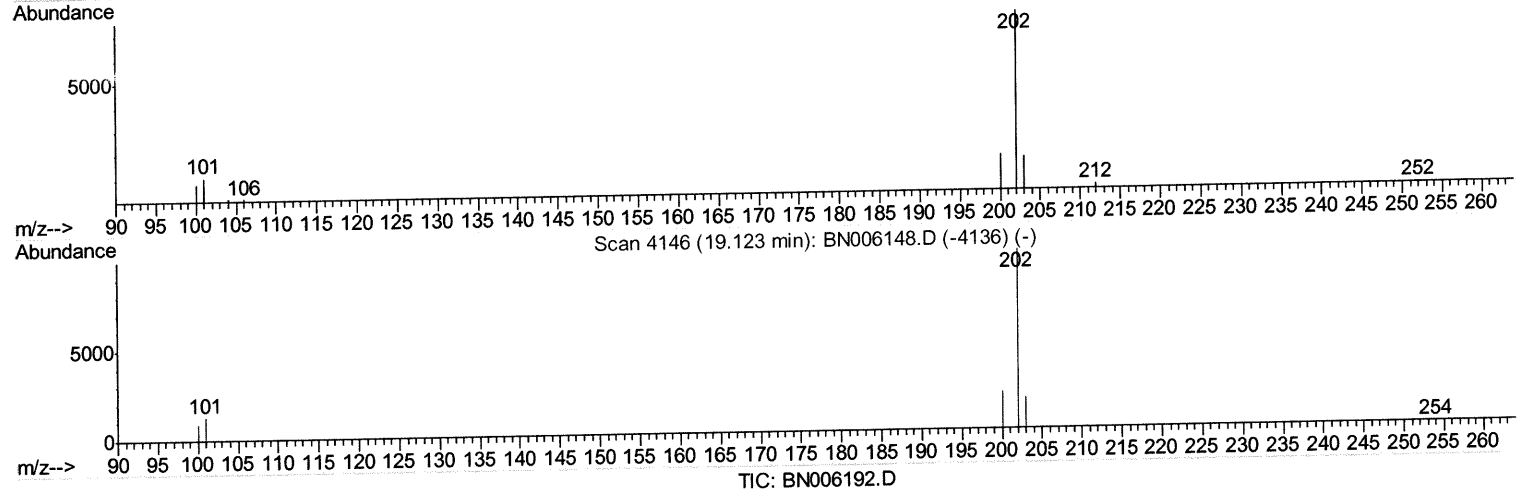
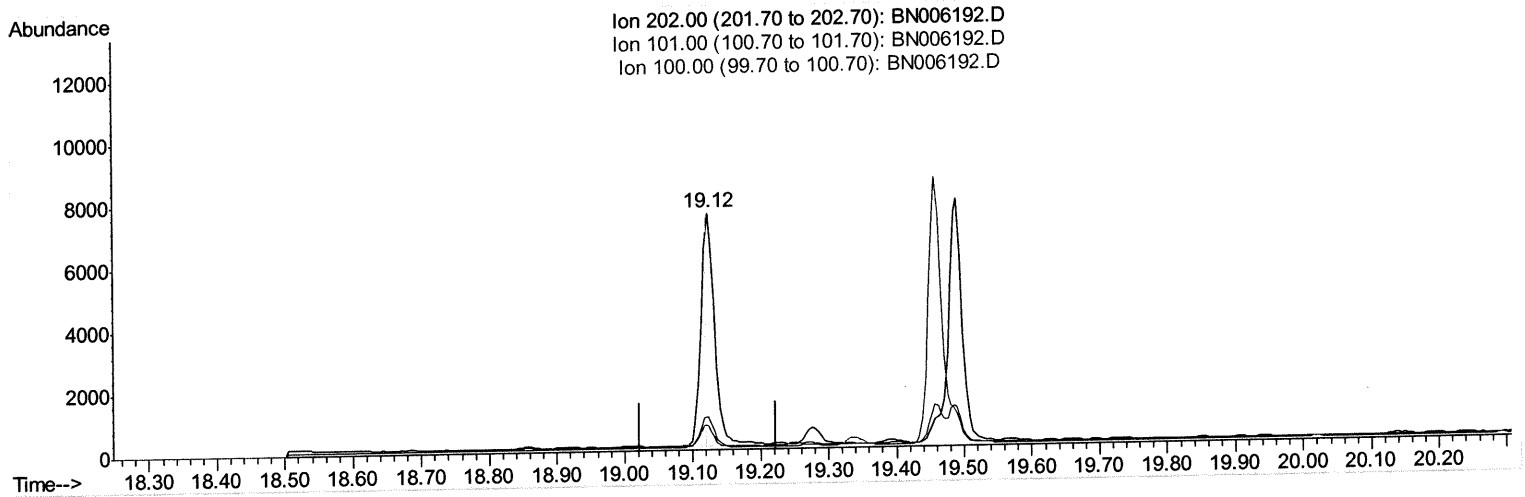
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.123min (-0.000) 0.18ng/ul m *JU*
06/10/19

response 10656

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.75
100.00	8.70	10.52
0.00	0.00	0.00

Quantitation Report (Qedit)

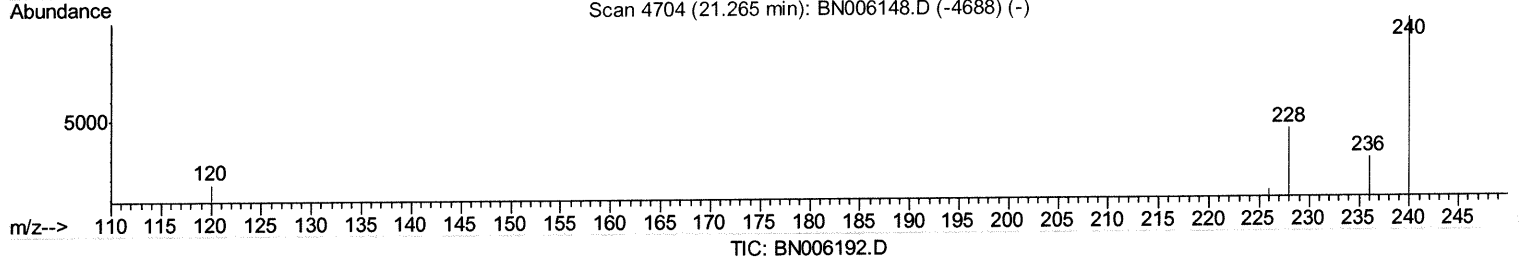
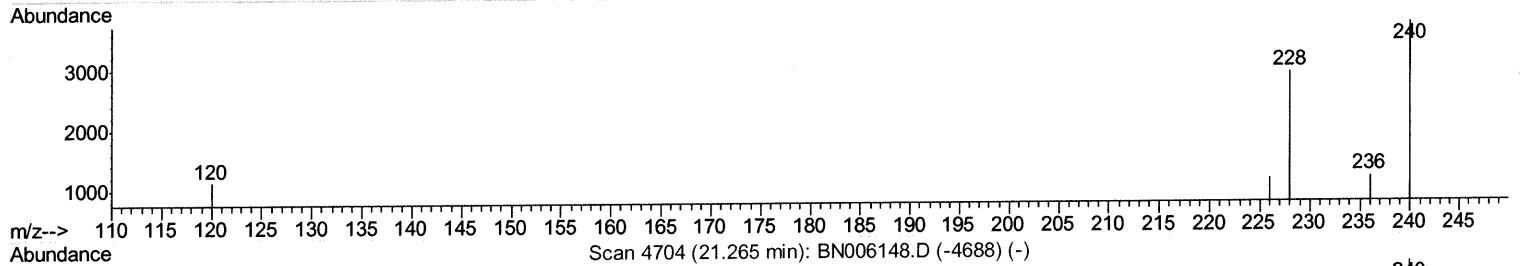
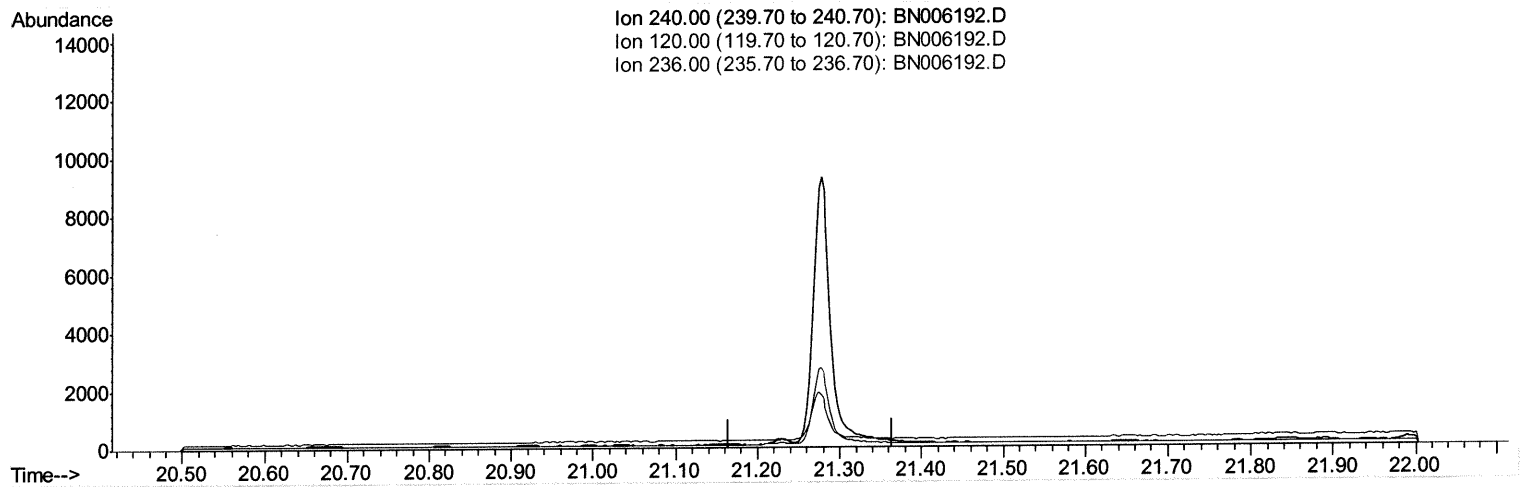
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.265min (-21.265) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

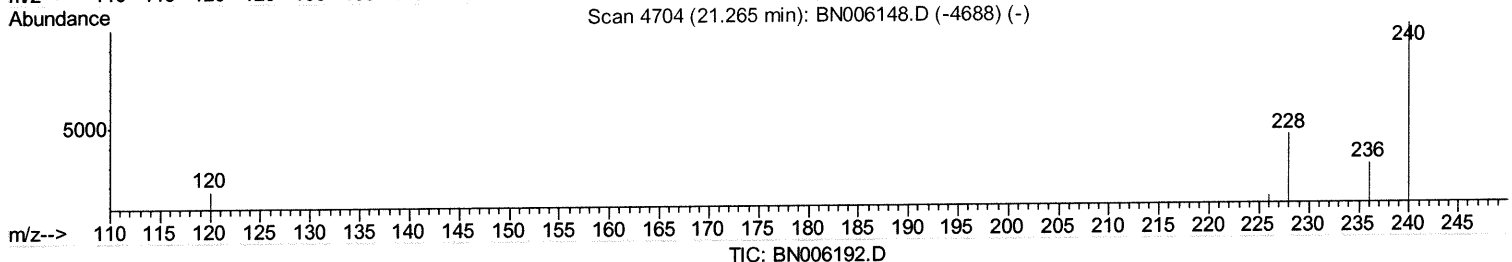
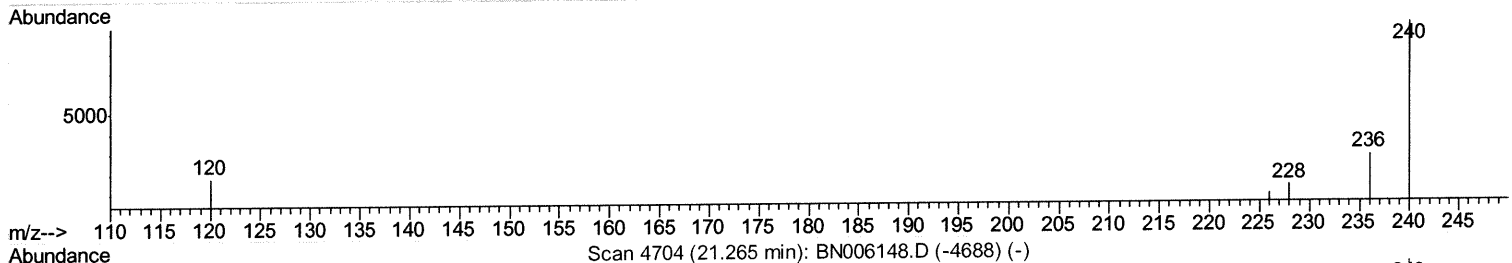
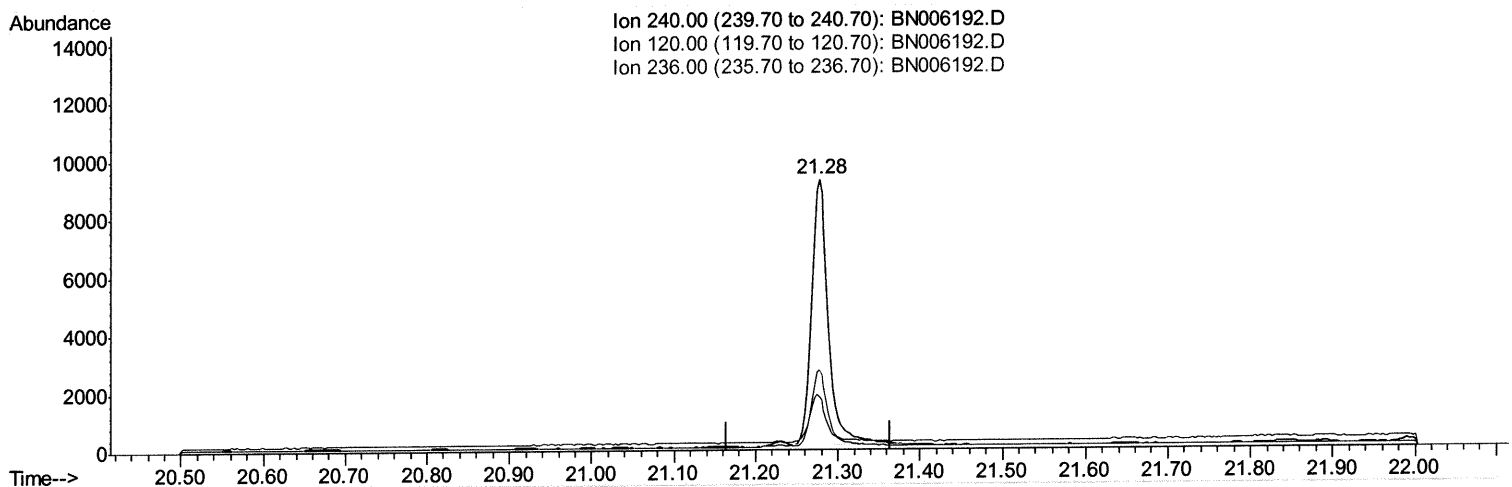
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.277min (+0.012) 0.40ng/ul m *JU 06/10/19*

response 13474

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.75
236.00	30.10	29.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
Data File : BN006192.D
Acq On : 08 Jun 2019 15:38
Operator : JU/SJ
Sample : K3016-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

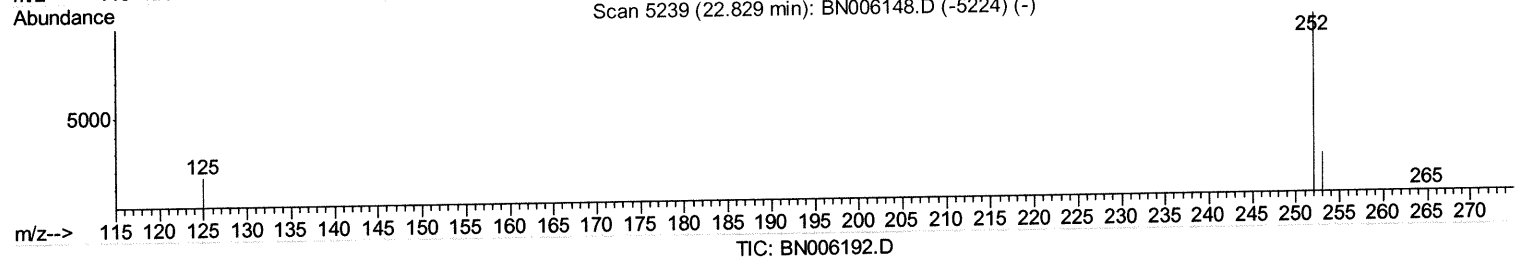
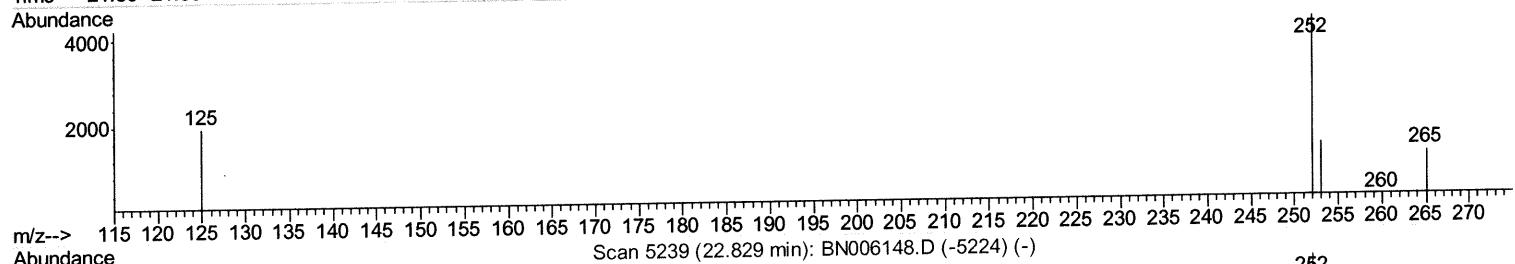
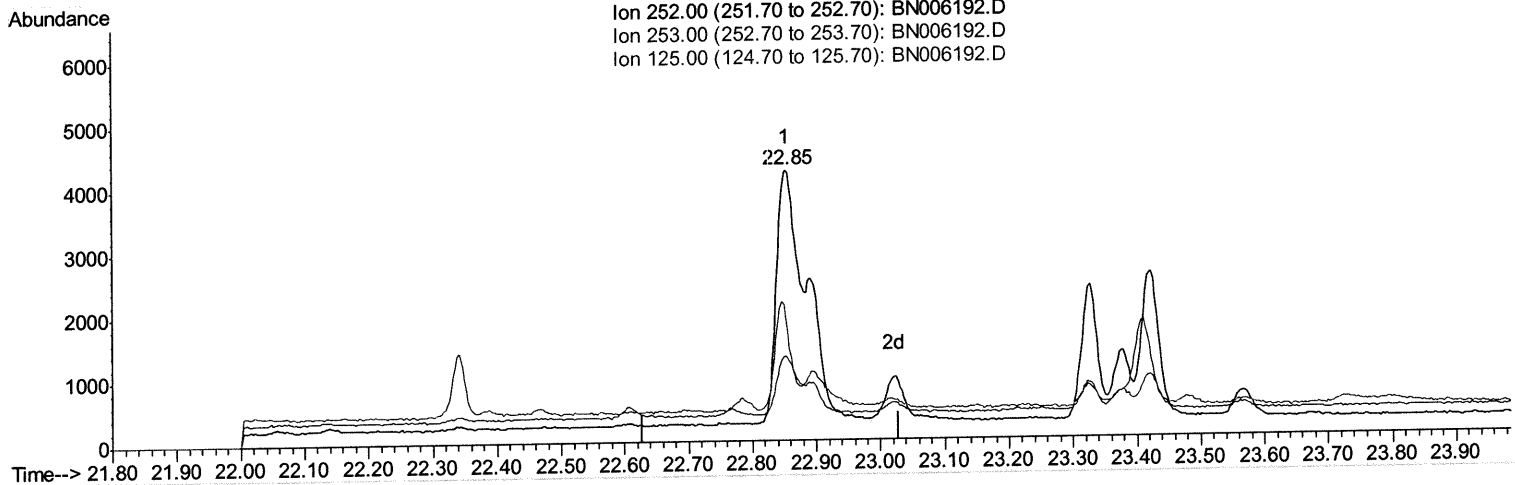
Instrument :
BNA_N
ClientSampleId :
A51C0

Manual Integrations
APPROVED

mohammad
6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:26:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BN006192.D
Ion 253.00 (252.70 to 253.70): BN006192.D
Ion 125.00 (124.70 to 125.70): BN006192.D



(21) Benzo(b)fluoranthene

22.852min (+0.023) 0.16ng/ul

response 13083

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	31.25
125.00	20.50	45.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

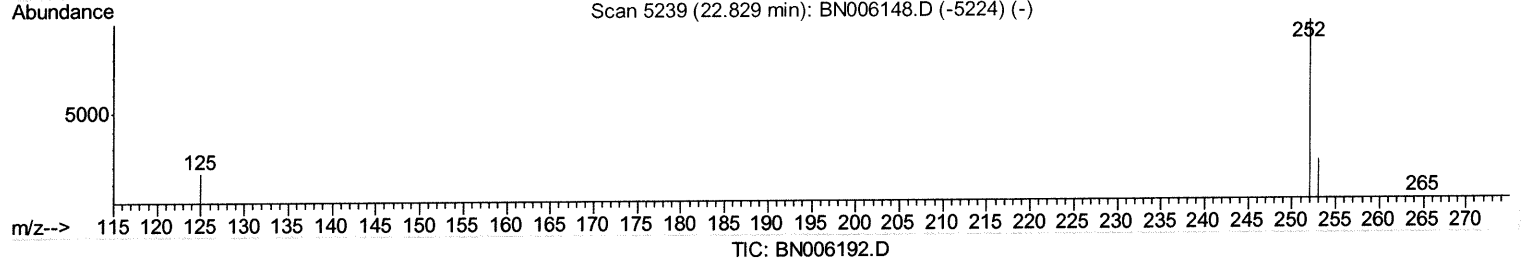
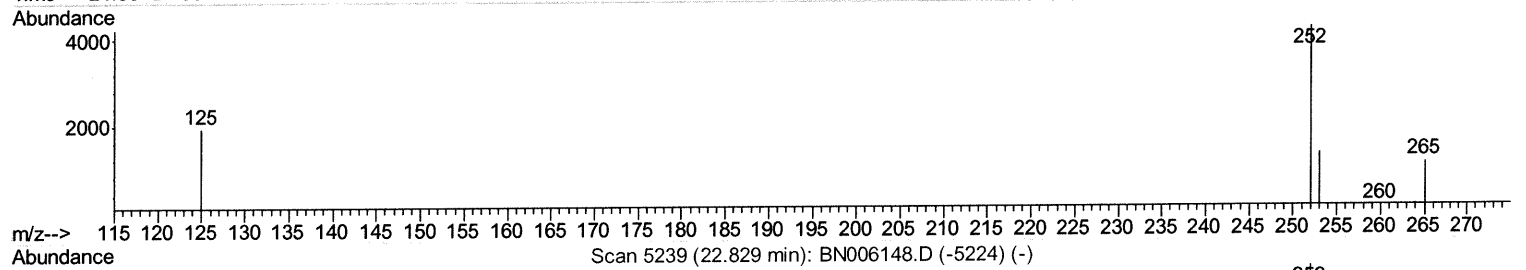
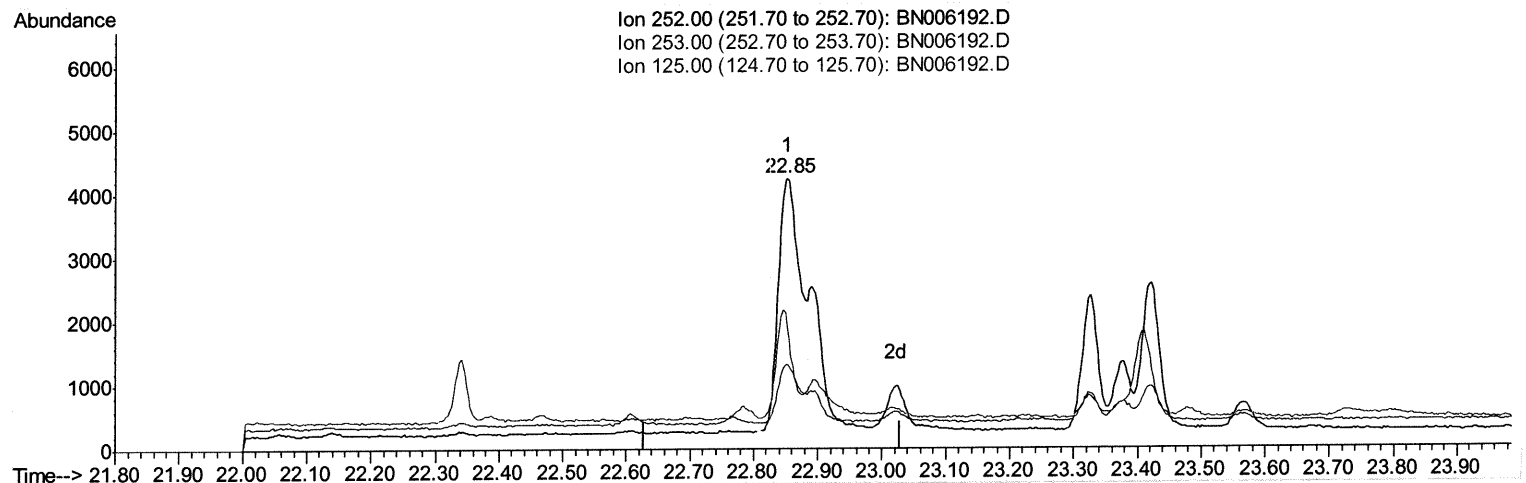
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:26:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.852min (+0.023) 0.12ng/ul m *JU*
06/10/19

response 9418

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	31.25
125.00	20.50	45.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

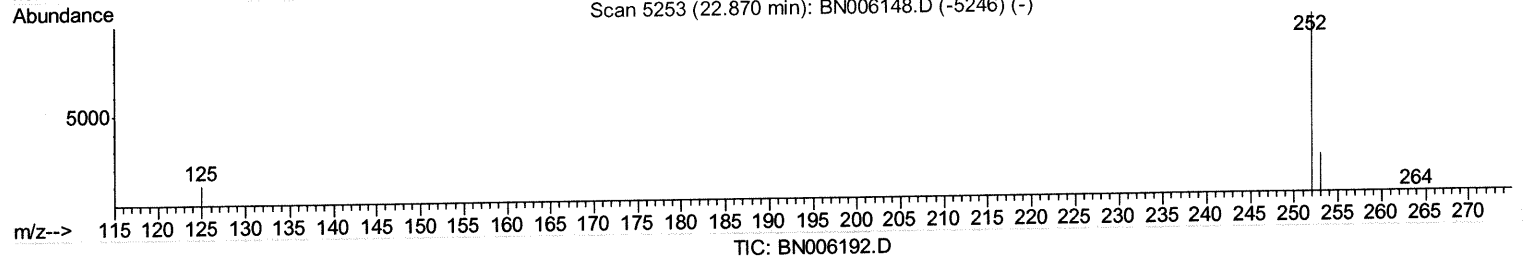
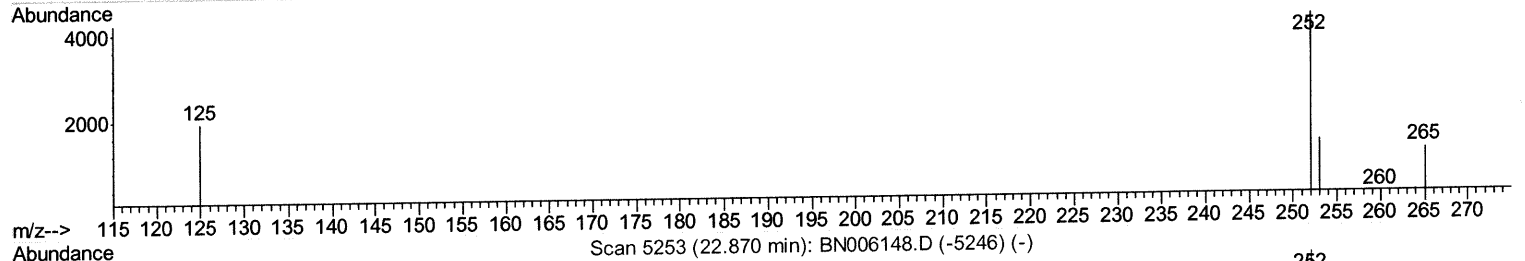
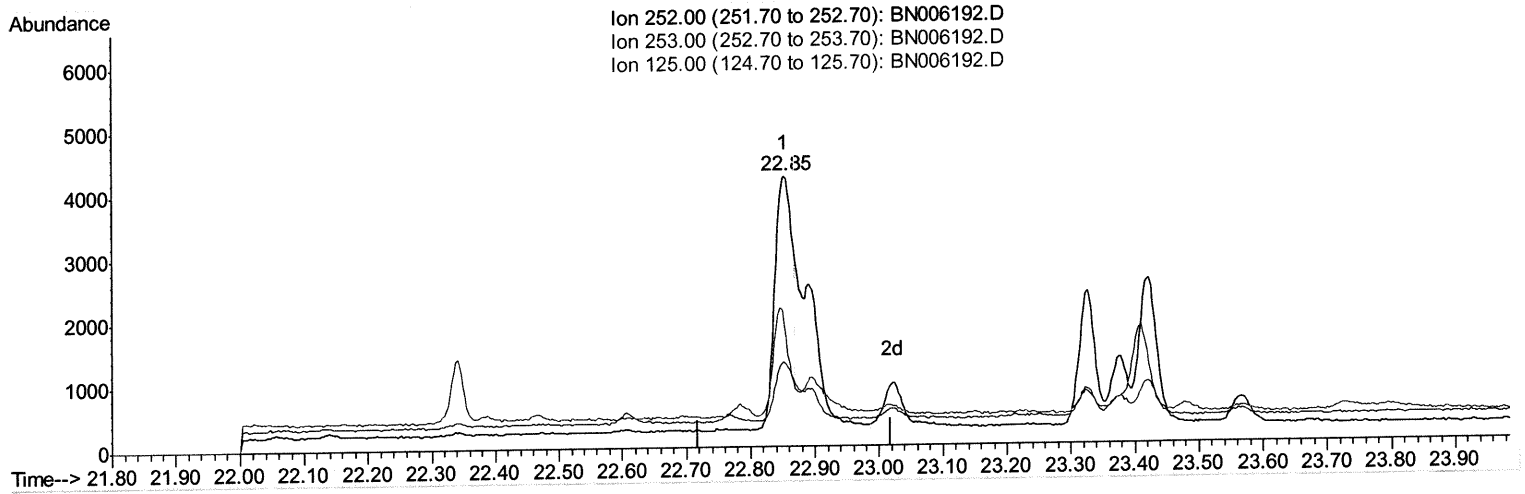
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:41:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.852min (-0.018) 0.17ng/ul

response 13083

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	31.25#
125.00	17.90	45.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

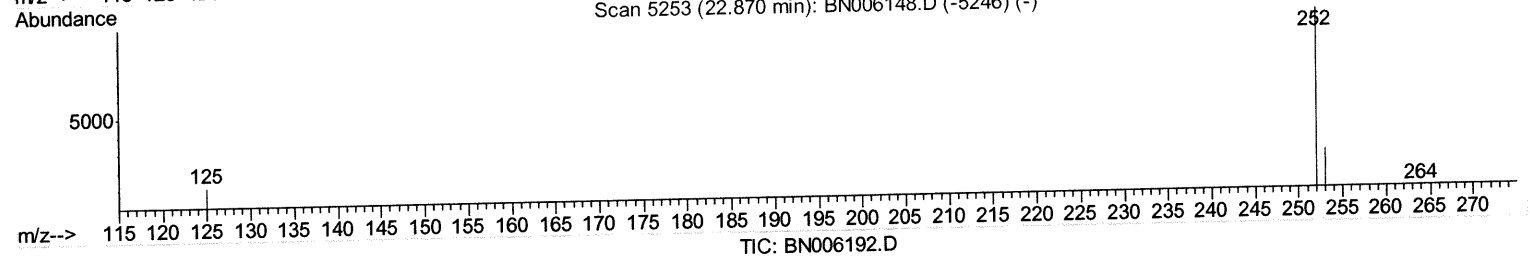
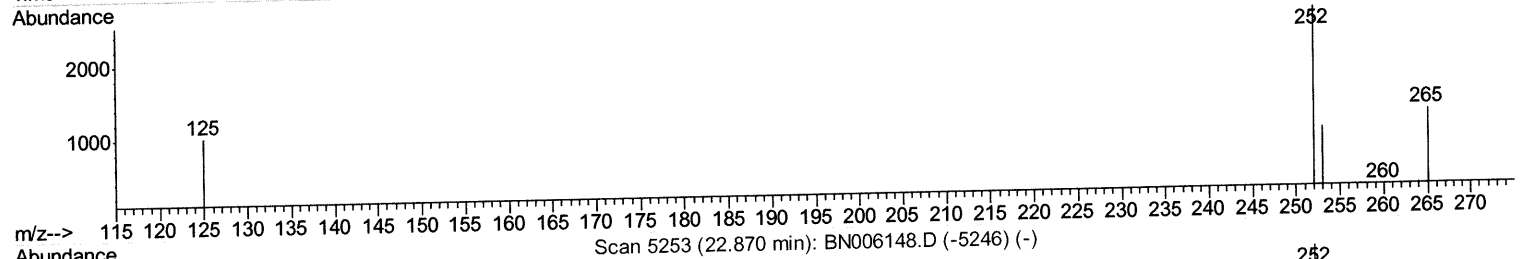
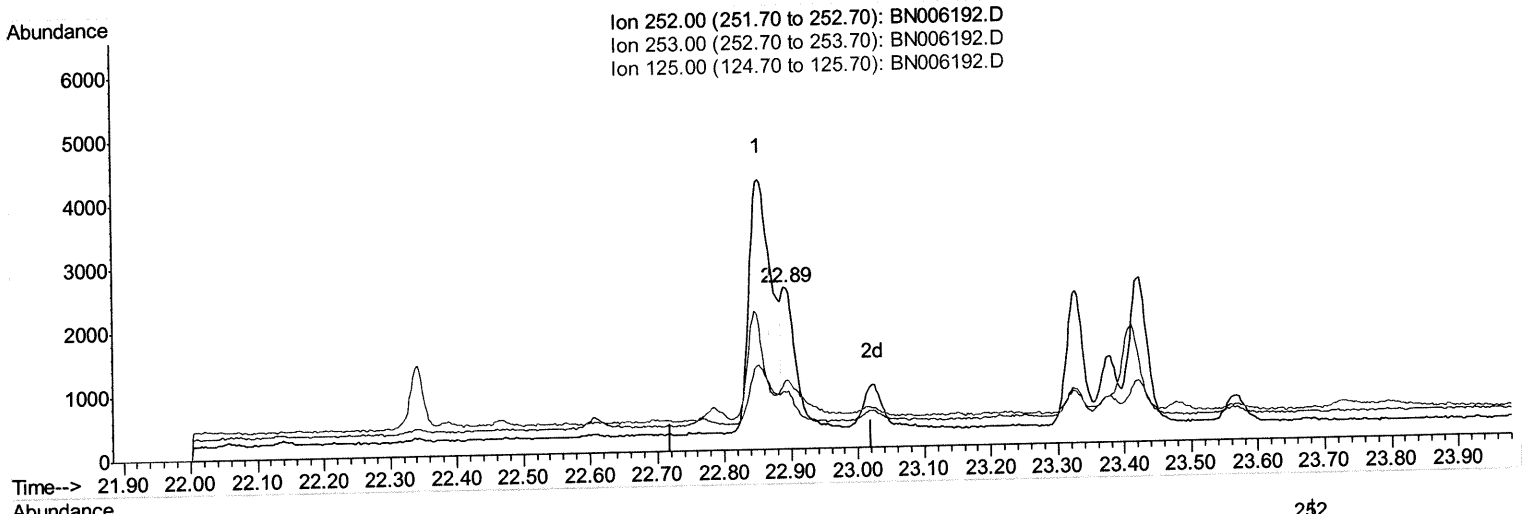
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:26:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.890min (+0.020) 0.05ng/ul m

Ju
06/10/19

response 3614

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	35.98#
125.00	17.90	40.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\
 Data File : BN006192.D
 Acq On : 08 Jun 2019 15:38
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:46 PM

Quant Time: Jun 08 16:28:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8153	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16870m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	13474m>	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	19132	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	3670>	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7639m>	0.17	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.01	152	2192	0.048	ng/ul#	88
12) Phenanthrene	17.09	178	4434	0.082	ng/ul	95
13) Anthracene	17.19	178	1318m>	0.025	ng/ul	
15) Fluoranthene	19.12	202	10656m>	0.178	ng/ul	
17) Pyrene	19.49	202	11445	0.161	ng/ul	98
18) Benzo(a)anthracene	21.26	228	4889	0.082	ng/ul	91
19) Chrysene	21.31	228	7263	0.130	ng/ul	95
21) Benzo(b)fluoranthene	22.85	252	9418m>	0.118	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	3614m>	0.047	ng/ul	
23) Benzo(a)pyrene	23.42	252	4358	0.059	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.76	276	3601	0.045	ng/ul#	91
26) Benzo(g,h,i)perylene	26.44	276	2095	0.031	ng/ul#	77

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

JU 06/10/19