

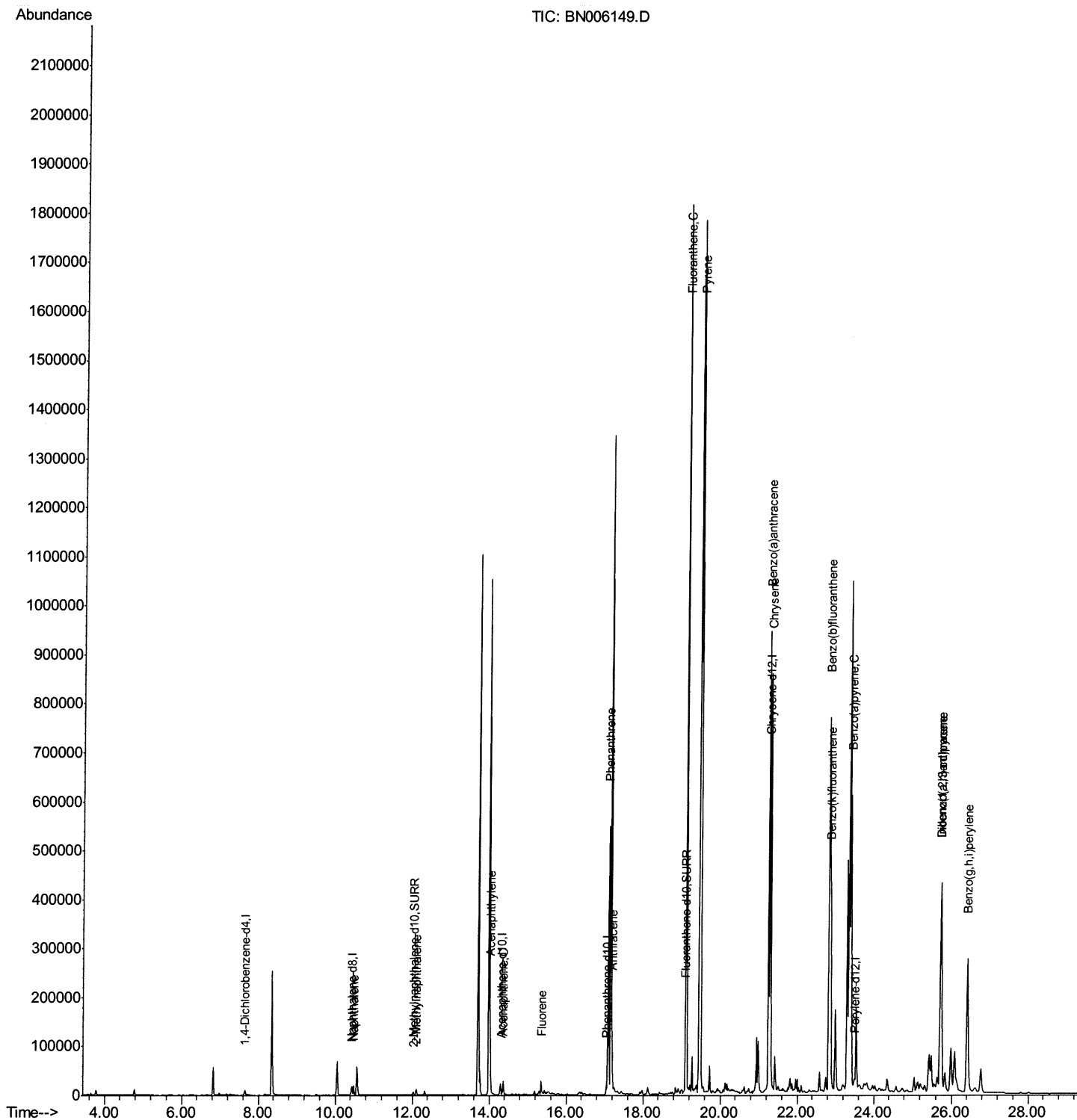
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006149.D
Acq On : 07 Jun 2019 00:03
Operator : JU/SJ
Sample : K3201-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:44:56 2019
Quant Title :
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

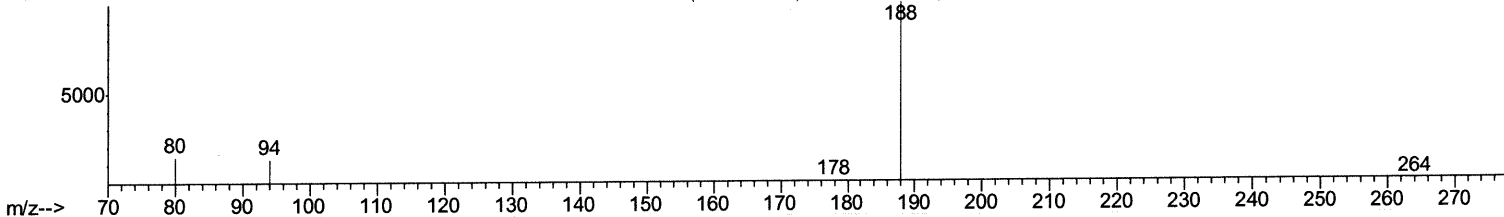
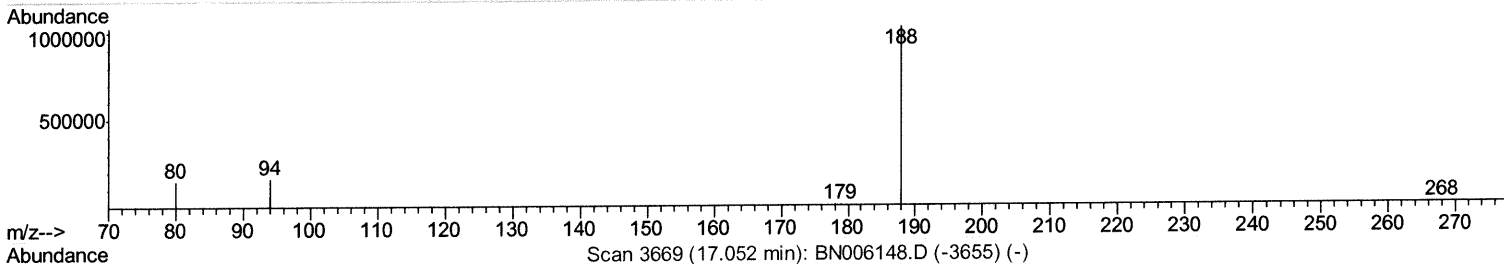
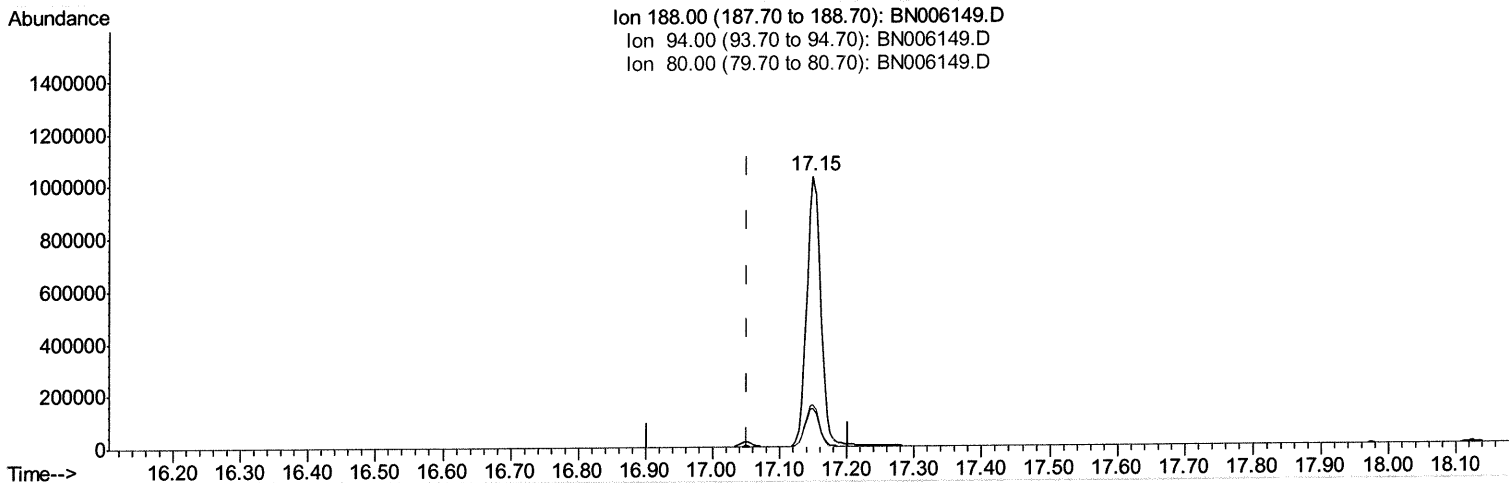
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:35:14 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1470787

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.65#
80.00	13.60	14.23
0.00	0.00	0.00

Quantitation Report (Qedit)

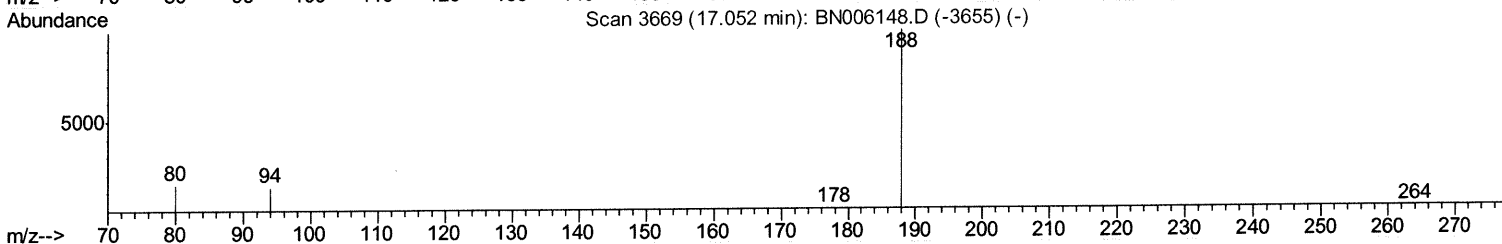
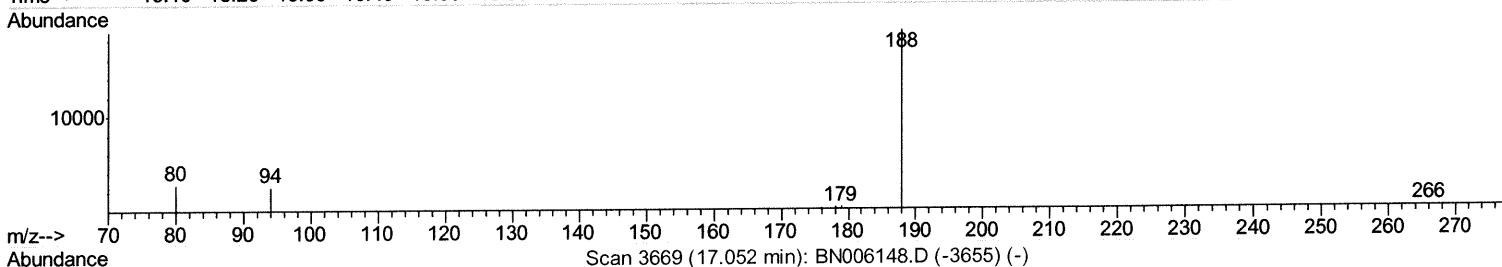
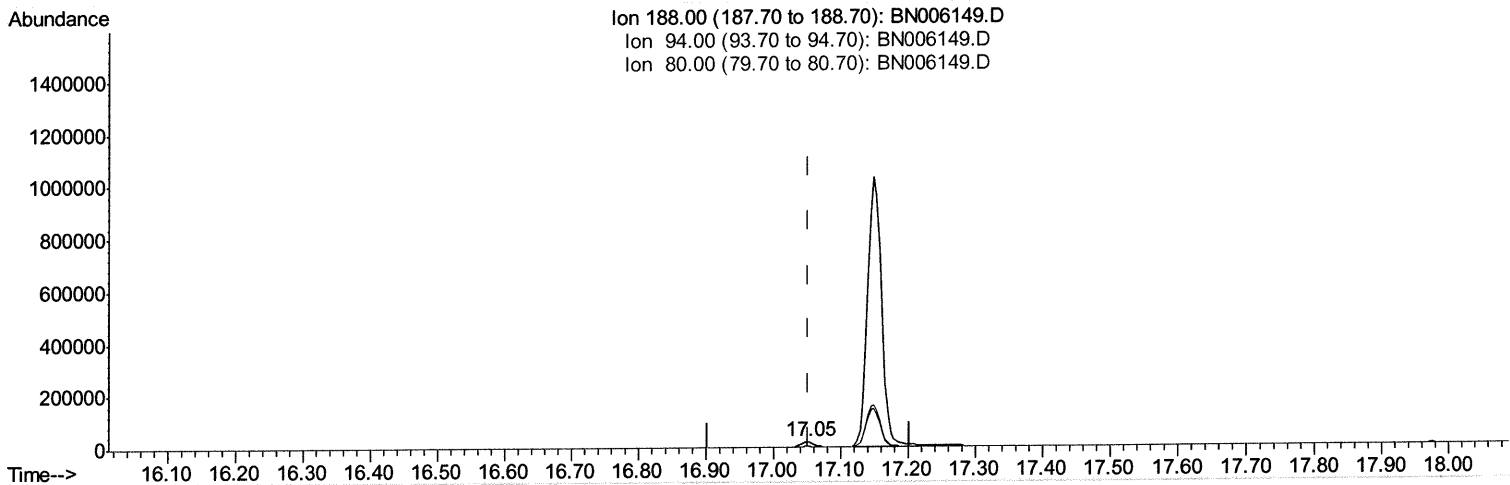
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006149.D
Acq On : 07 Jun 2019 00:03
Operator : JU/SJ
Sample : K3201-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:35:14 2019
Quant Title :
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

response 26644

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.59
80.00	13.60	14.66
0.00	0.00	0.00

Quantitation Report (Qedit)

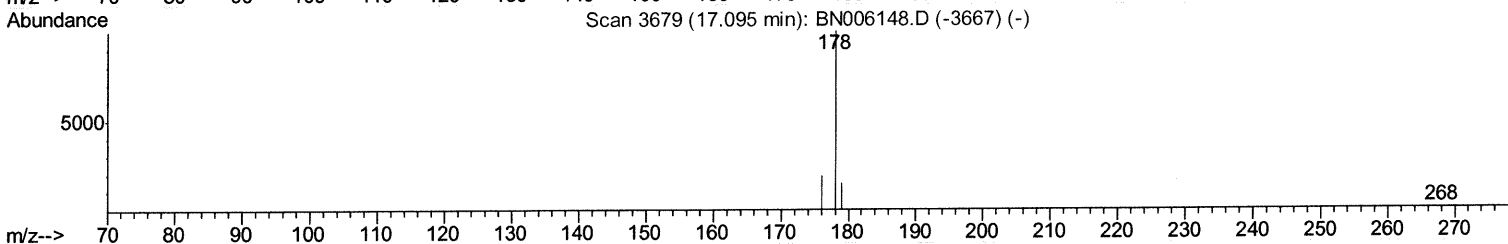
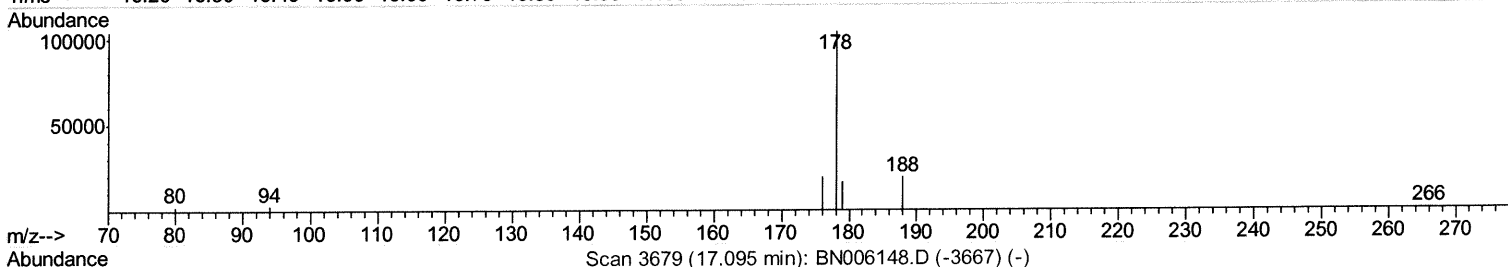
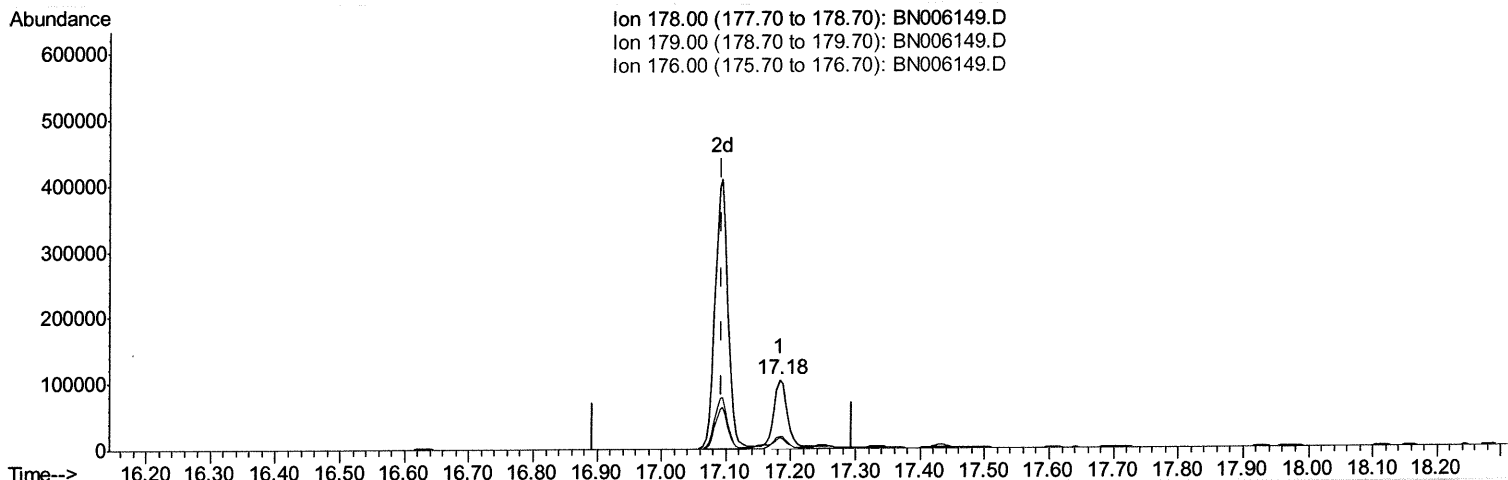
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(12) Phenanthrene

17.183min (+0.089) 1.82ng/ul

response 156062

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.56
176.00	19.10	18.62
0.00	0.00	0.00

Quantitation Report (Qedit)

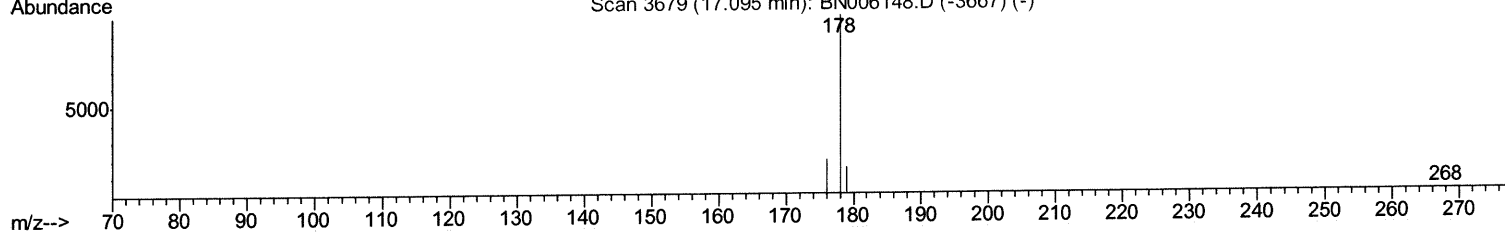
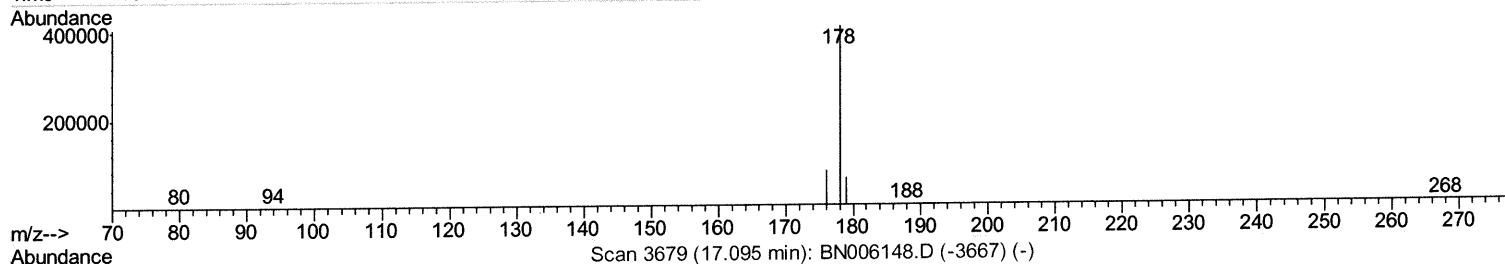
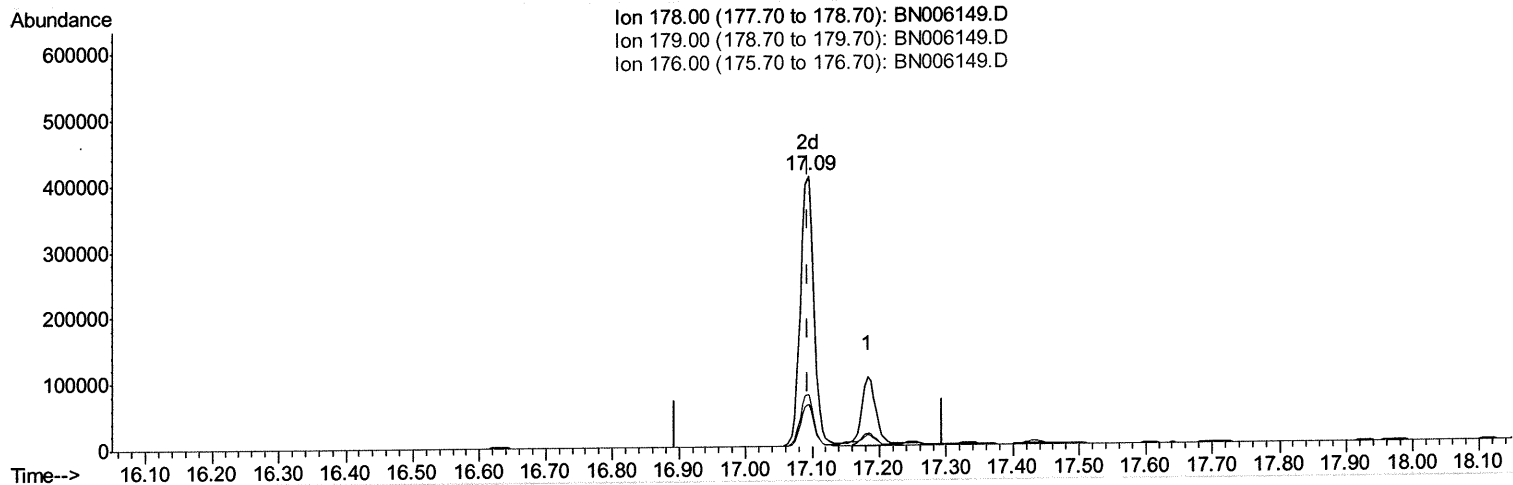
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006149.D
Acq On : 07 Jun 2019 00:03
Operator : JU/SJ
Sample : K3201-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
Quant Title :
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



TIC: BN006149.D

(12) Phenanthrene

17.094min (-0.000) 6.72ng/ul m *J0* 06/10/19

response 574841

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.42
176.00	19.10	18.92
0.00	0.00	0.00

Quantitation Report (Qedit)

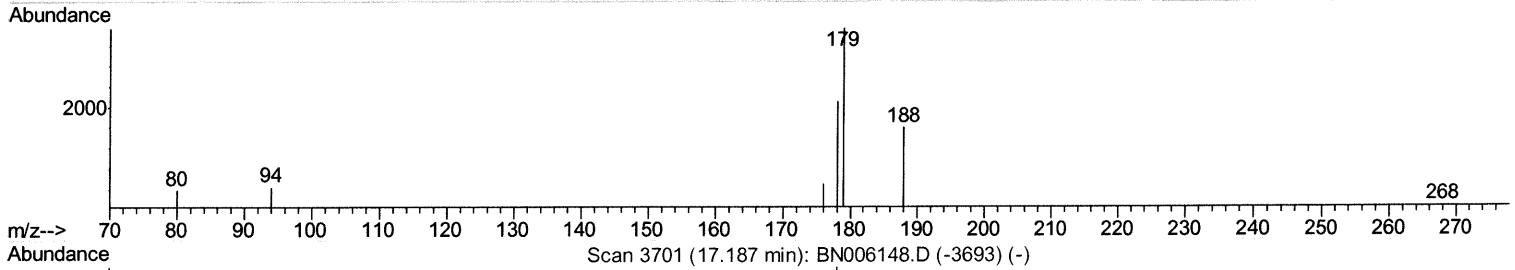
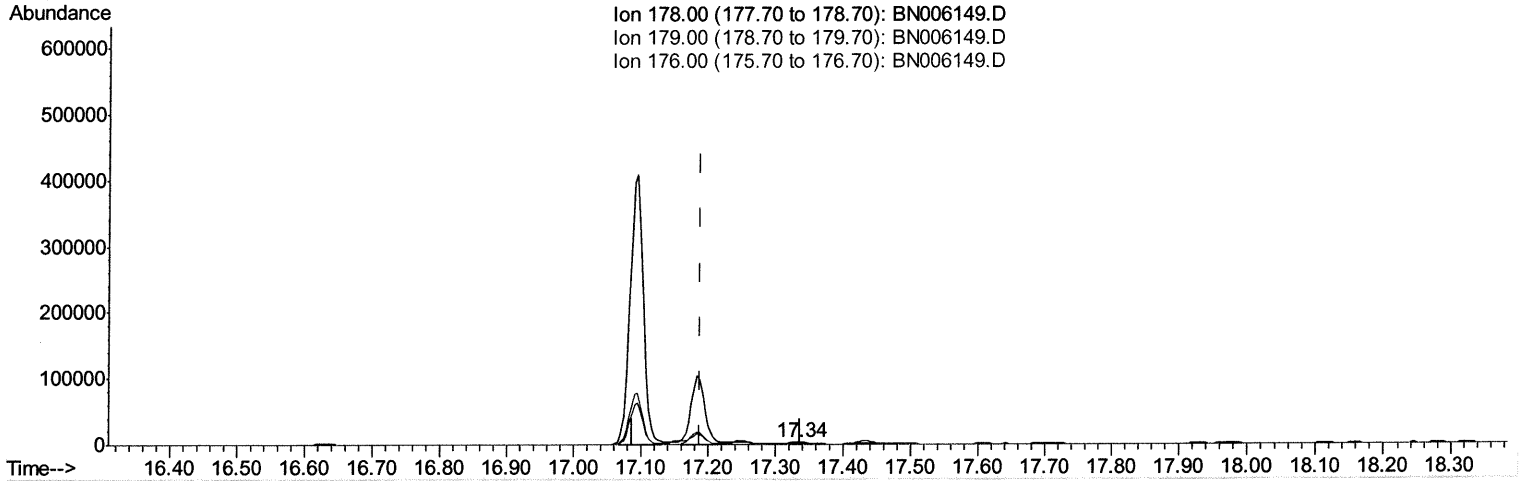
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(13) Anthracene

17.335min (+0.148) 0.04ng/ul

response 3058

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	167.85#
176.00	18.90	24.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

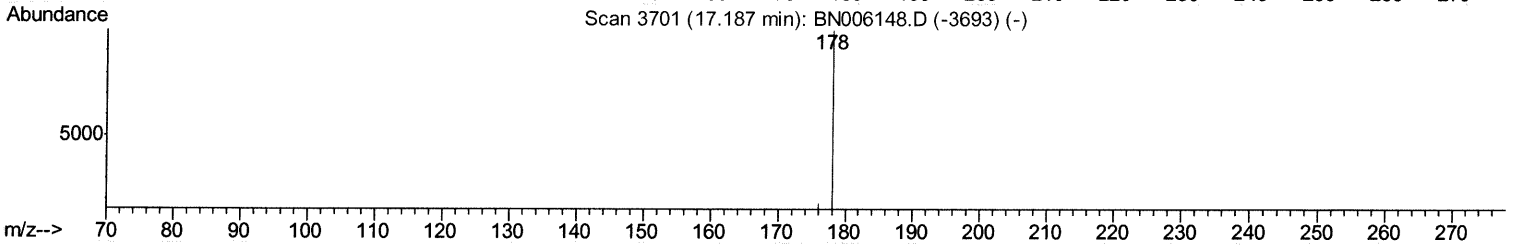
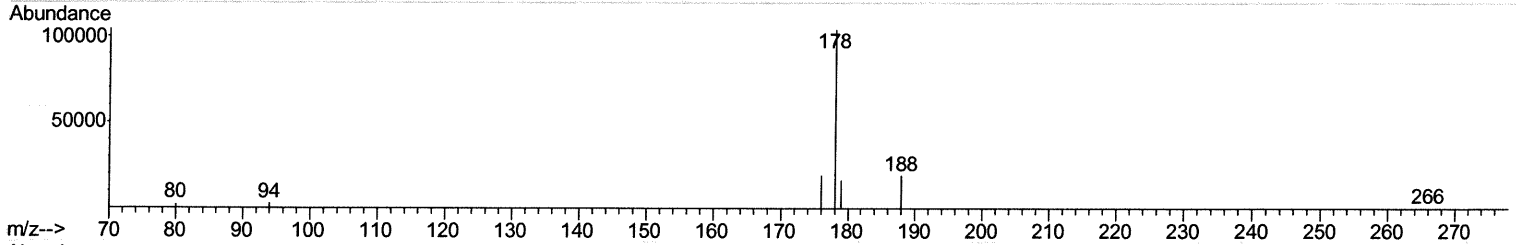
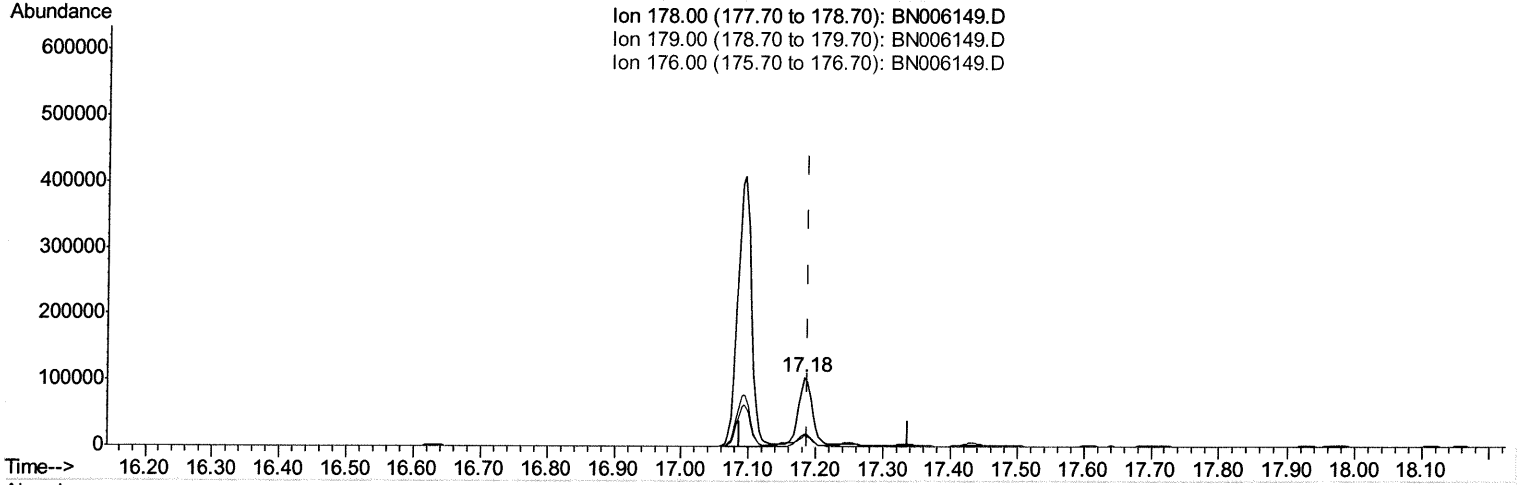
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(13) Anthracene

17.183min (-0.004) 1.90ng/ul m

JU
 06/10/19

response 155598

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.56
176.00	18.90	18.62
0.00	0.00	0.00

Quantitation Report (Qedit)

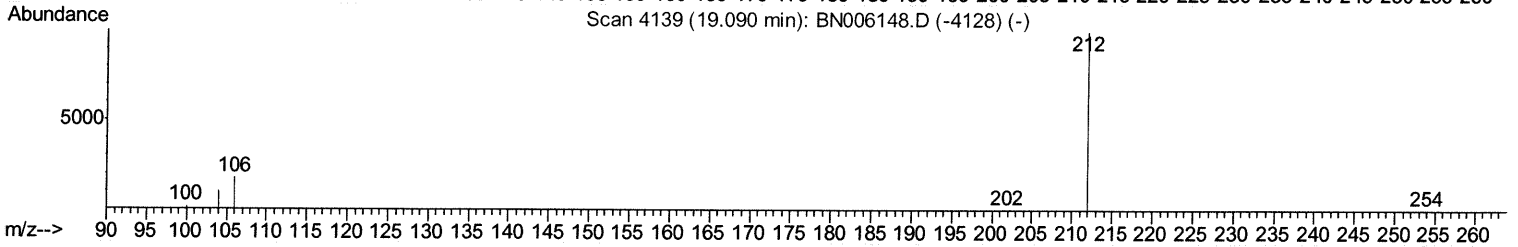
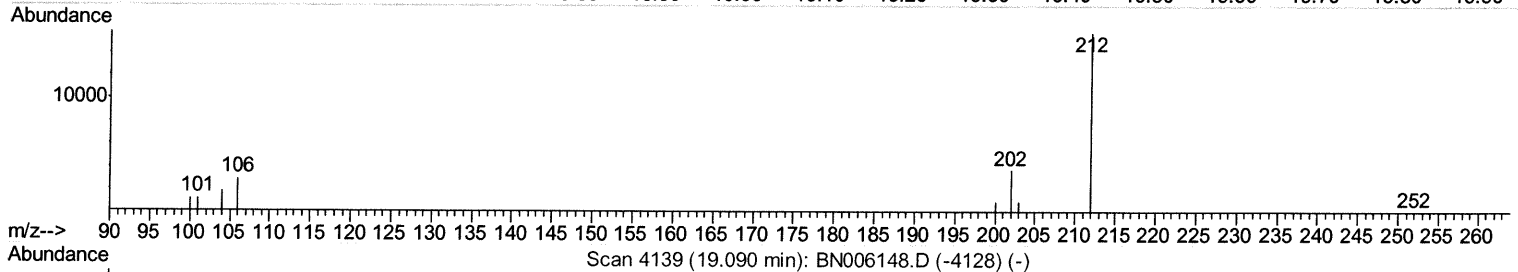
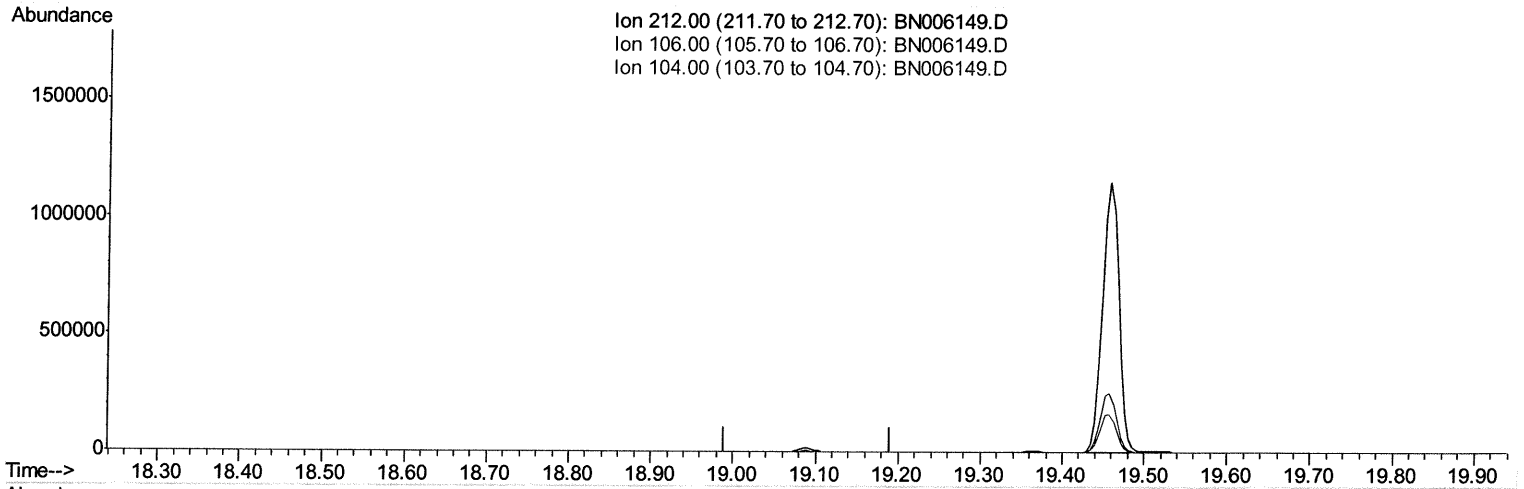
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(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)

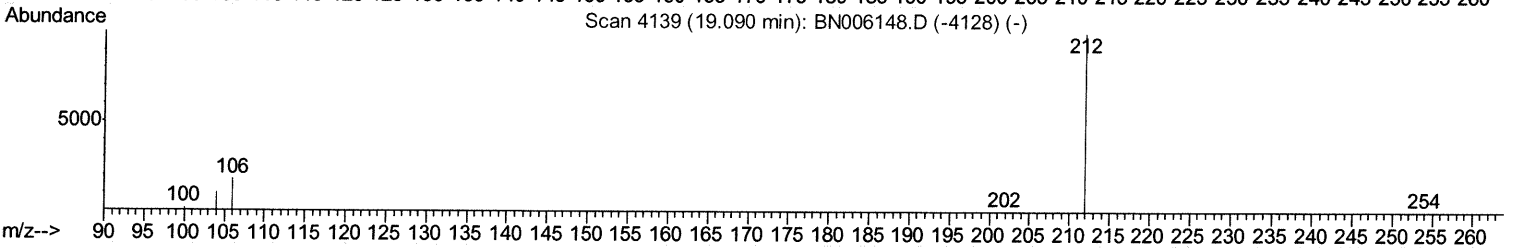
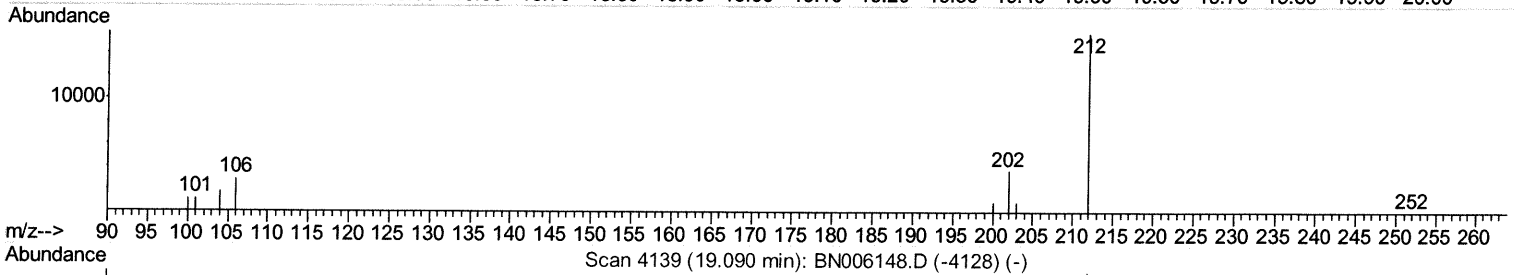
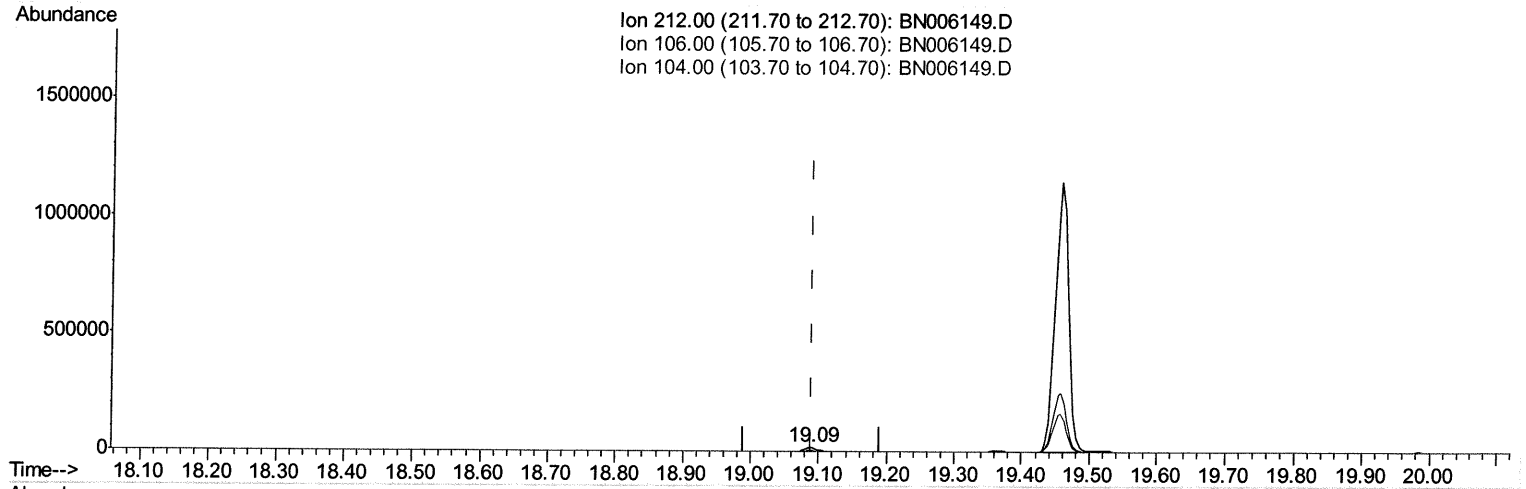
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.31ng/ul m *JU* 06/10/19

response 21905

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)

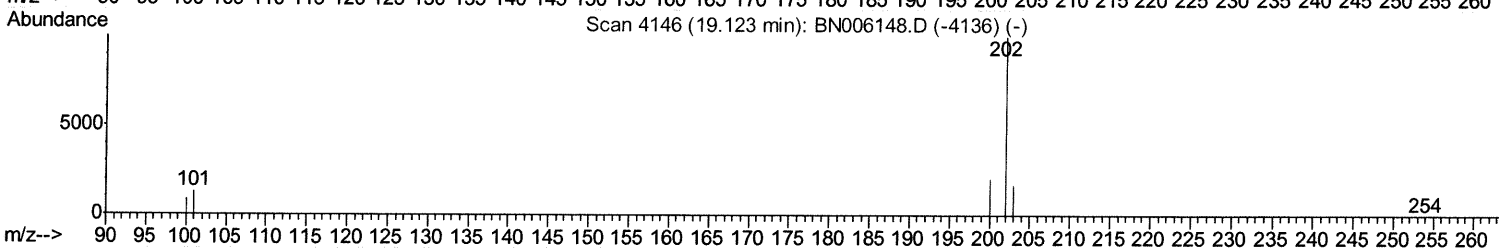
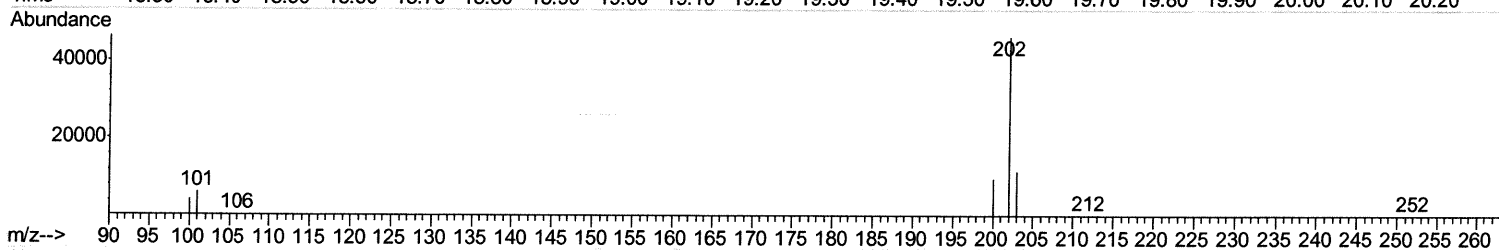
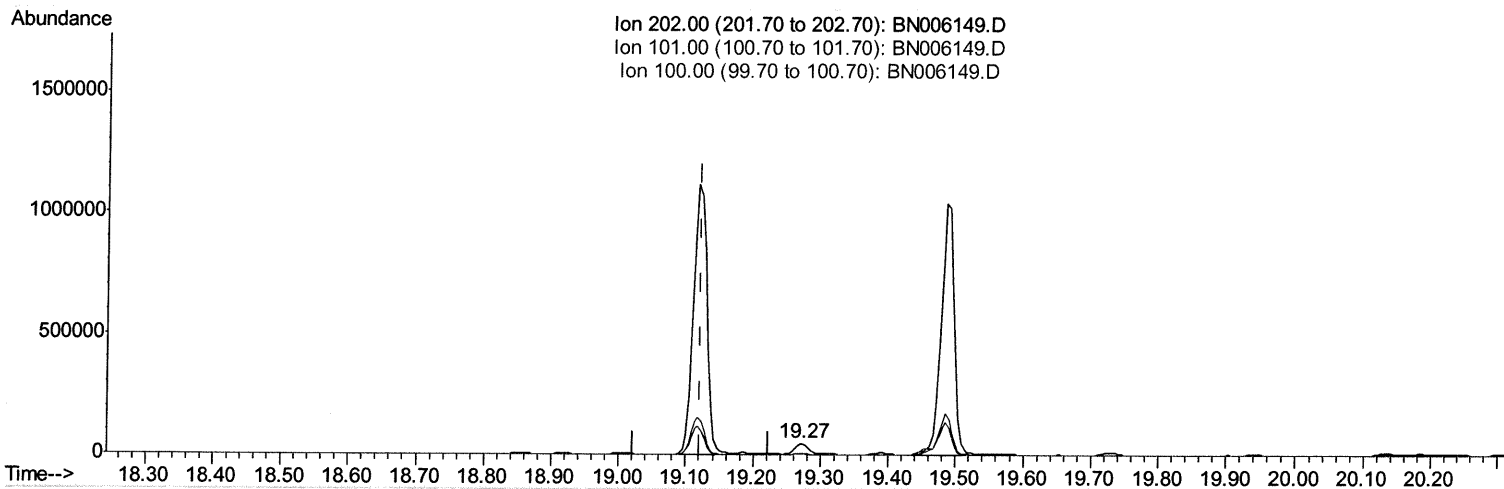
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(15) Fluoranthene (C)

19.271min (+0.149) 0.60ng/ul

response 56602

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.12
100.00	8.70	9.51
0.00	0.00	0.00

Quantitation Report (Qedit)

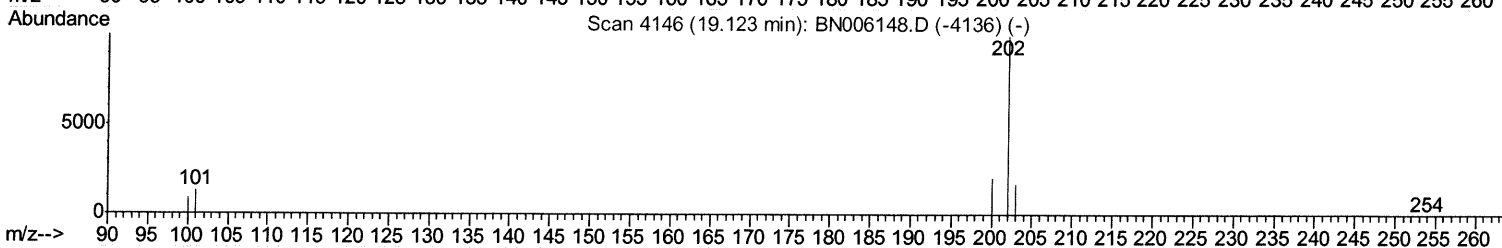
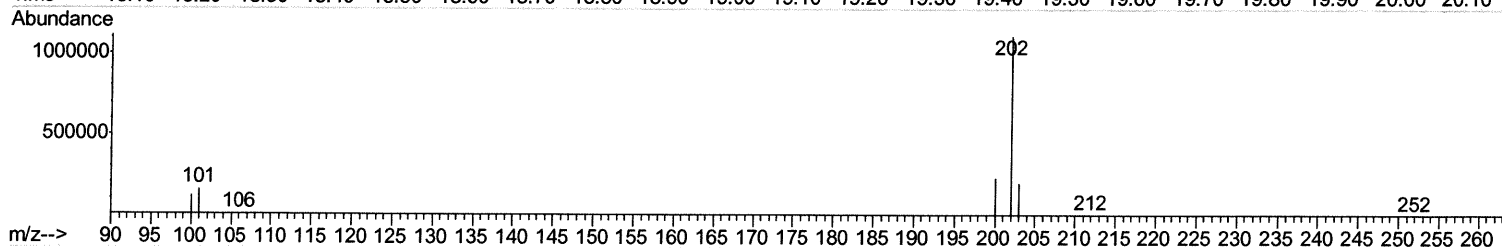
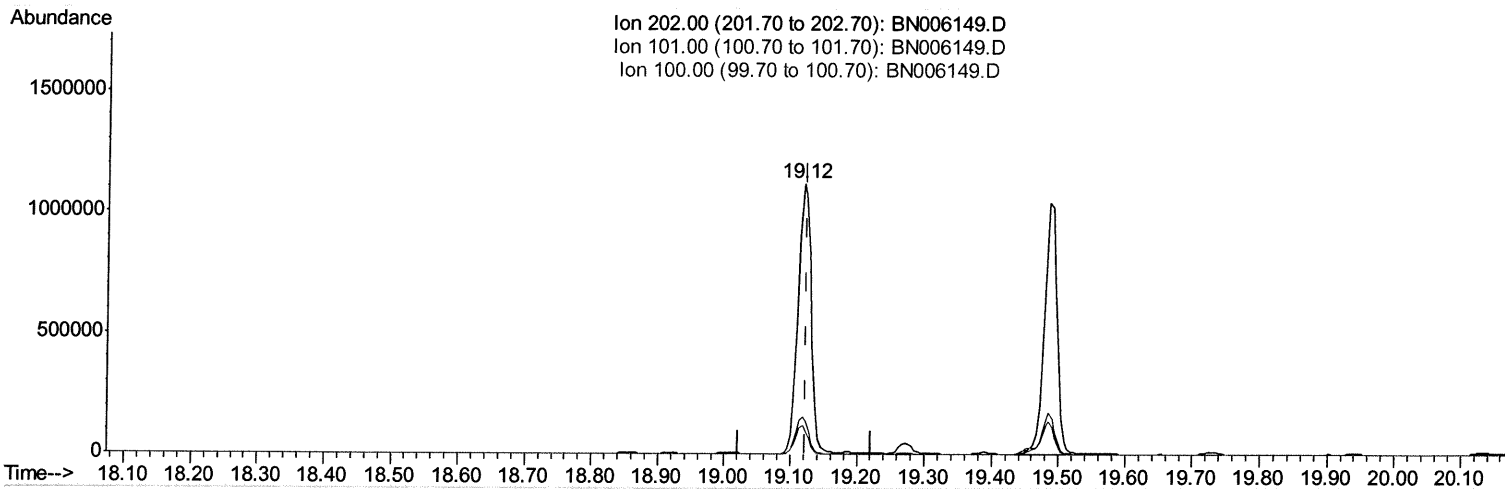
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(15) Fluoranthene (C)

19.118min (-0.005) 16.40ng/ul m *JU 06/10/19*

response 1549208

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.86
100.00	8.70	10.25
0.00	0.00	0.00

Quantitation Report (Qedit)

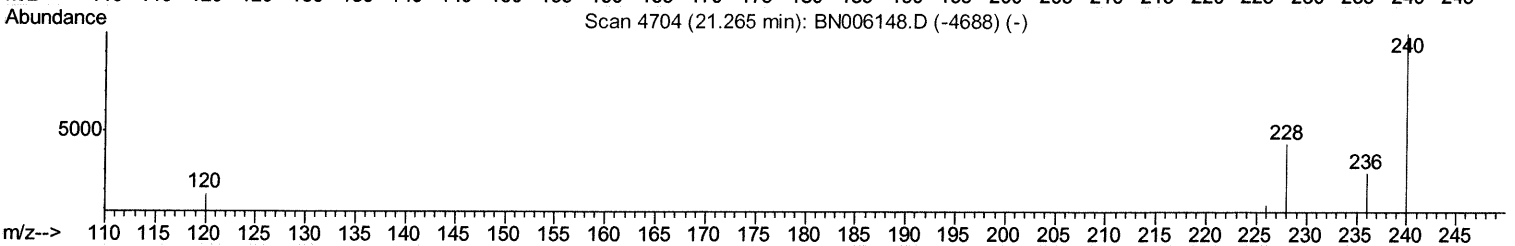
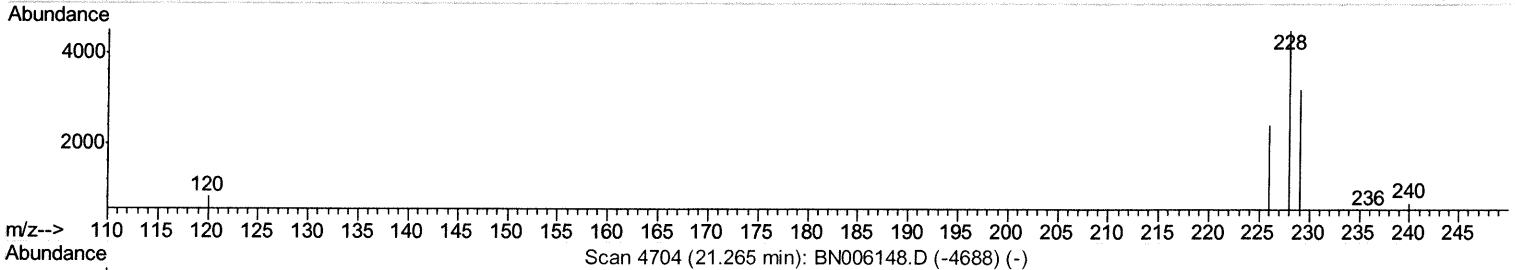
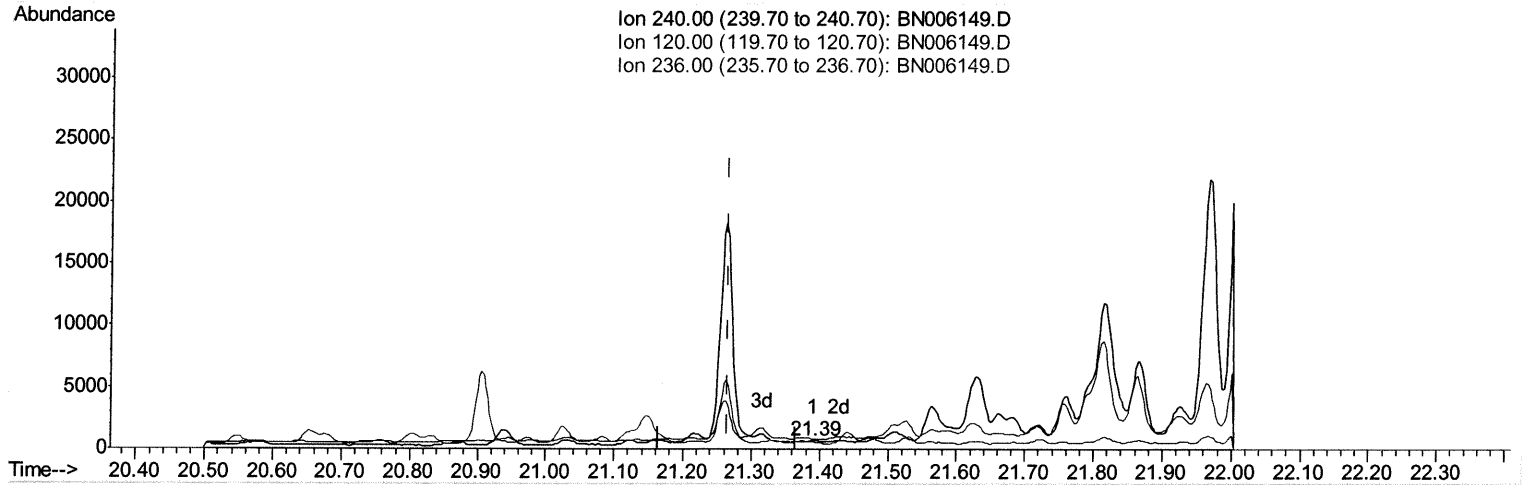
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.391min (+0.126) 0.40ng/ul

response 280

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	118.01#
236.00	30.10	79.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

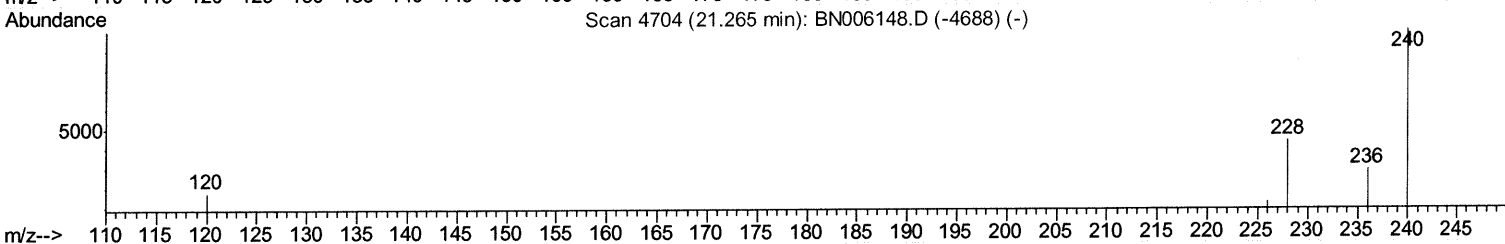
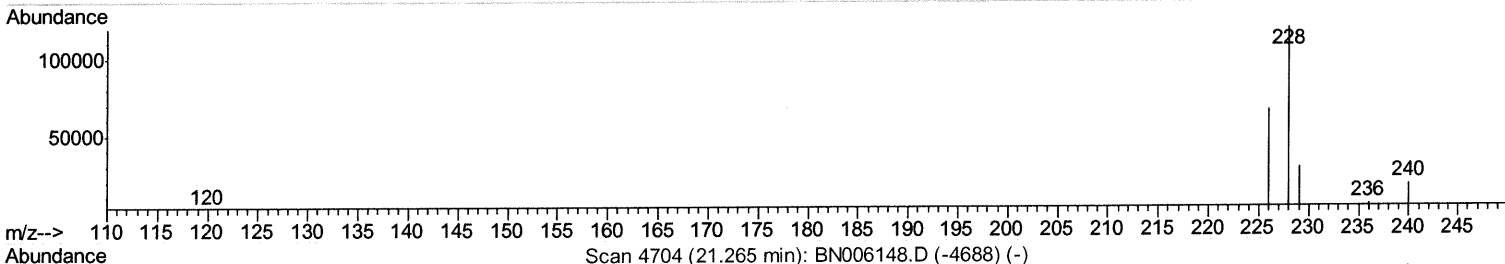
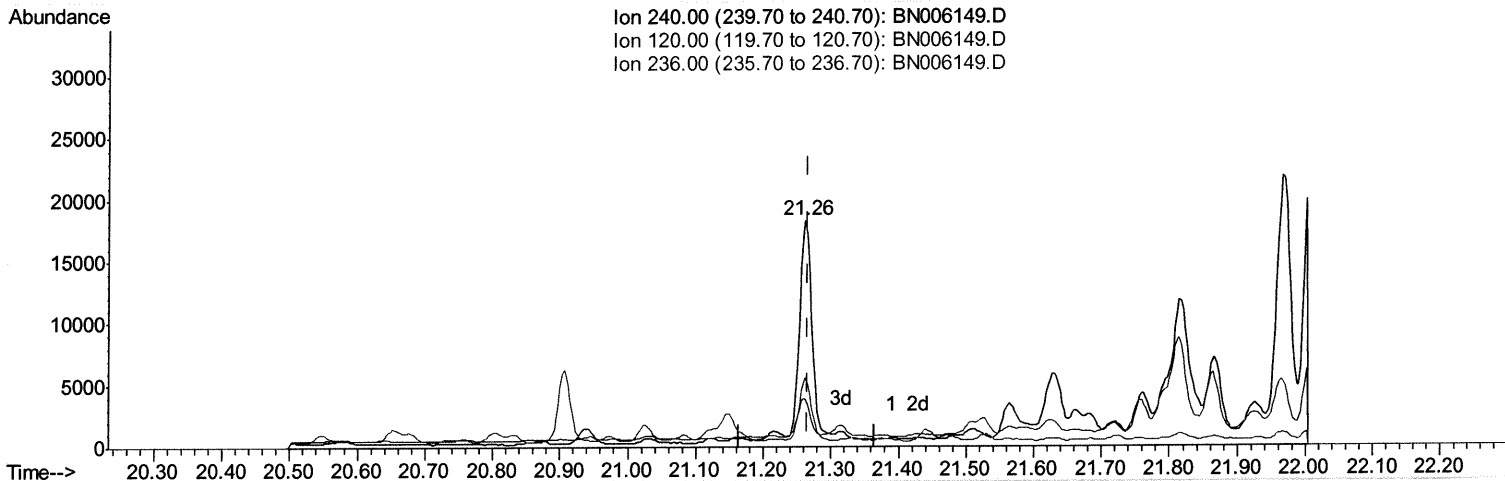
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:41:44 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(16) Chrysene-d12 (I)

21.262min (-0.003) 0.40ng/ul m 06/10/19

response 21904

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	21.04
236.00	30.10	30.47
0.00	0.00	0.00

Quantitation Report (Qedit)

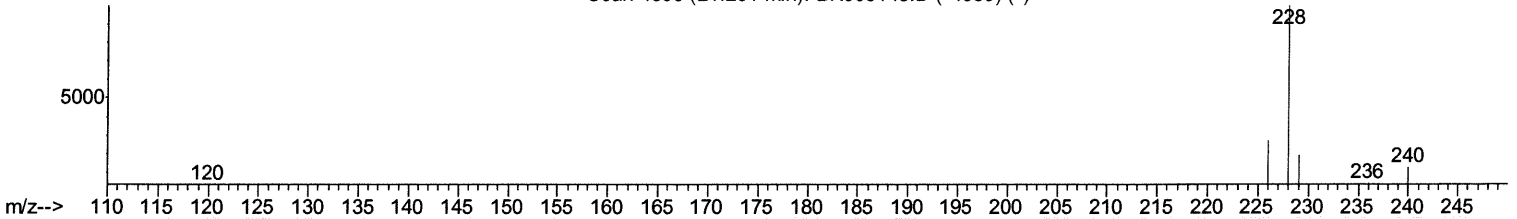
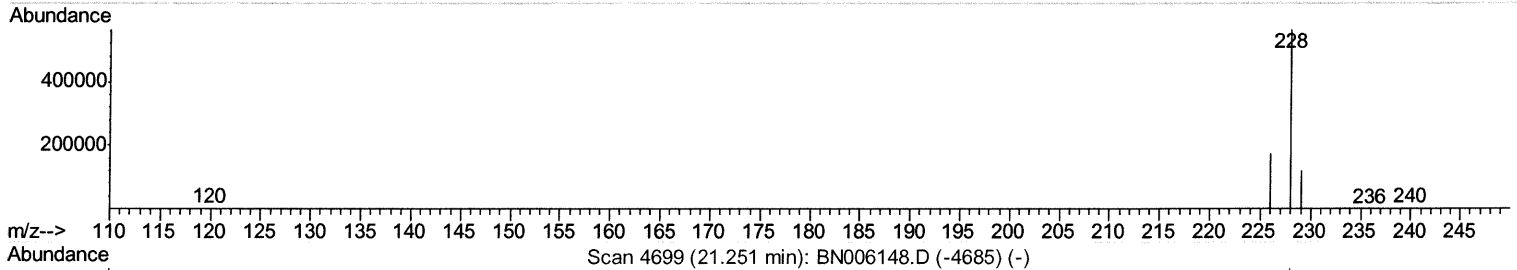
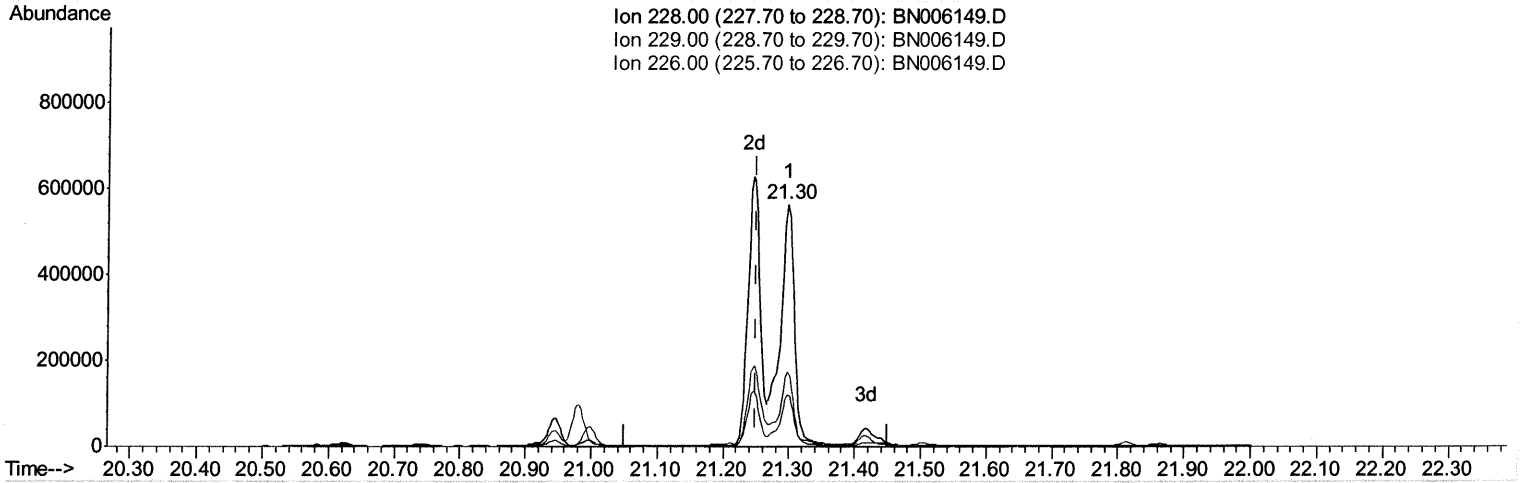
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:43:18 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(18) Benzo(a)anthracene
 21.297min (+0.047) 8.81ng/ul
 response 853714

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	21.56
226.00	28.50	30.92
0.00	0.00	0.00

Quantitation Report (Qedit)

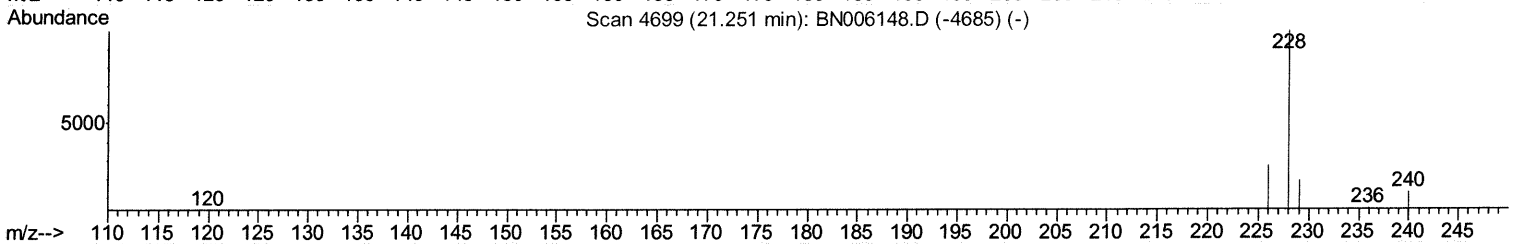
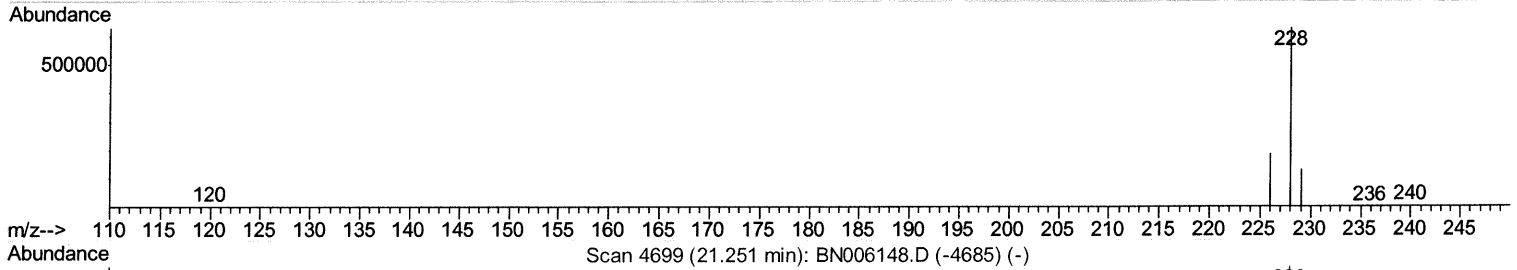
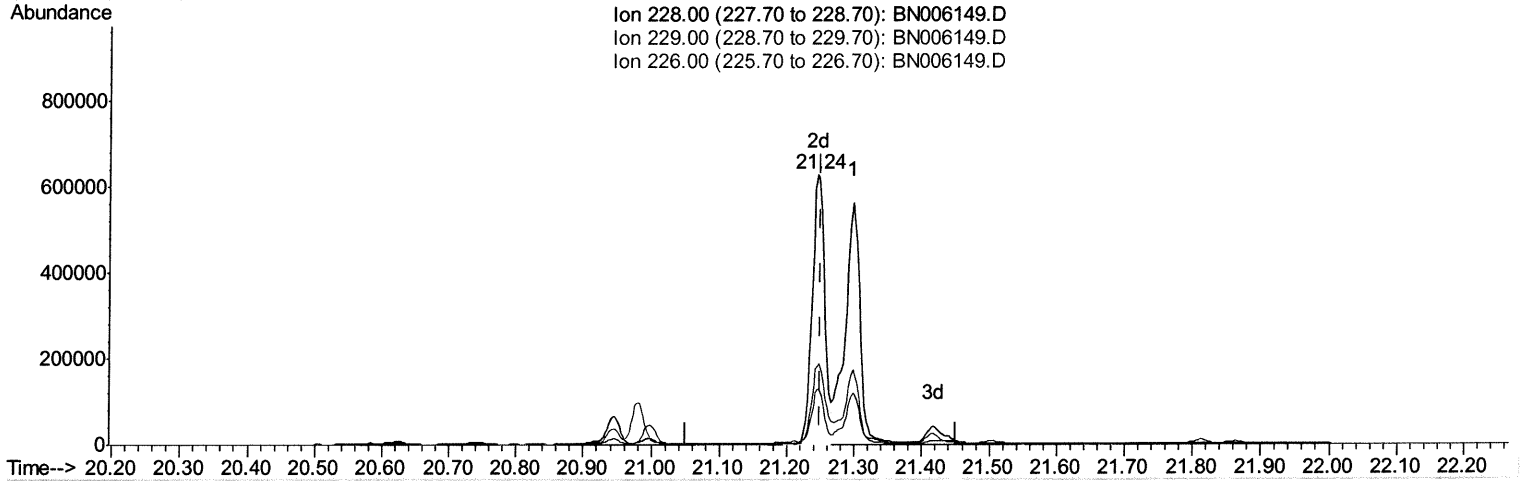
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:43:18 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(18) Benzo(a)anthracene

21.245min (-0.006) 8.42ng/ul m 06/10/19

response 815457

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	20.41
226.00	28.50	29.33
0.00	0.00	0.00

Quantitation Report (Qedit)

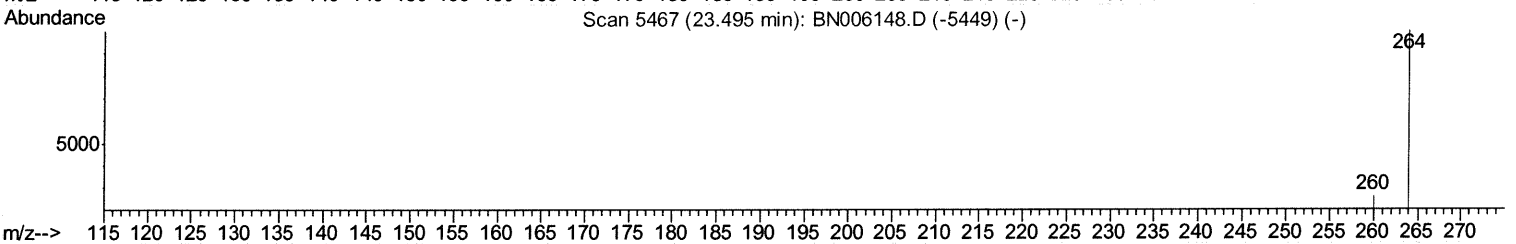
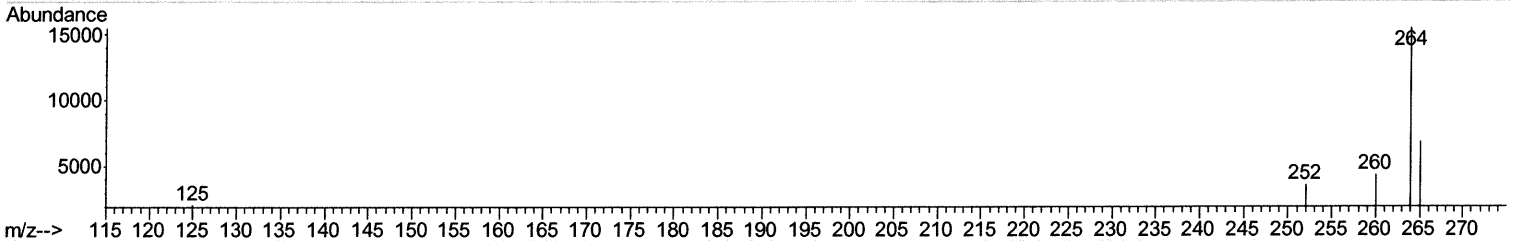
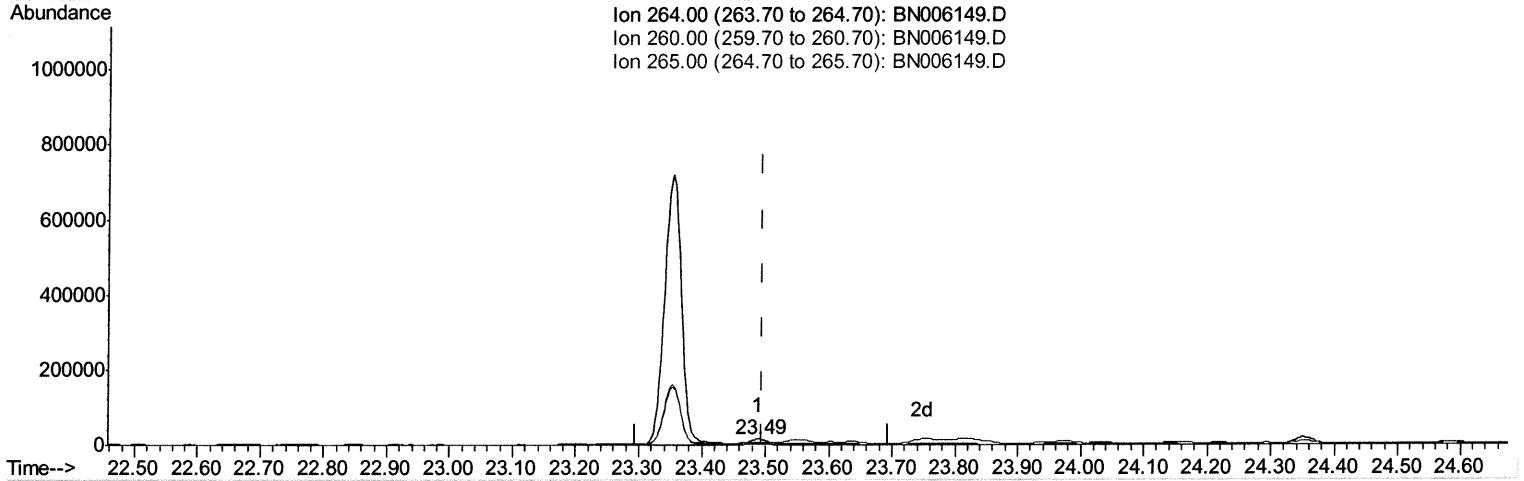
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:43:18 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(20) Perylene-d12 (I)

23.489min (-0.006) 0.40ng/ul

response 44761

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	28.08
265.00	44.70	44.23
0.00	0.00	0.00

Quantitation Report (Qedit)

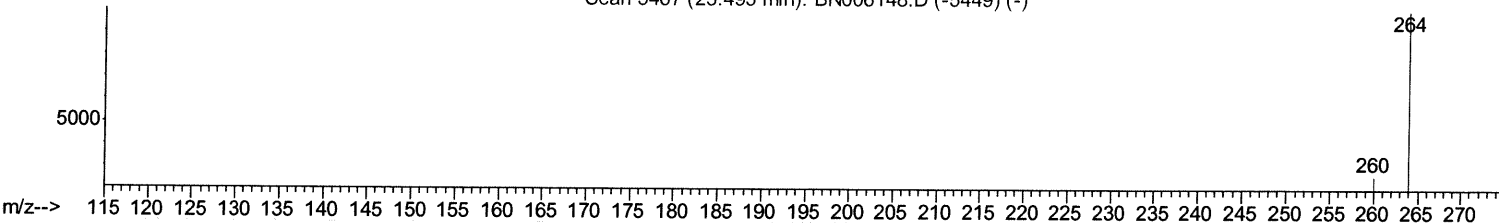
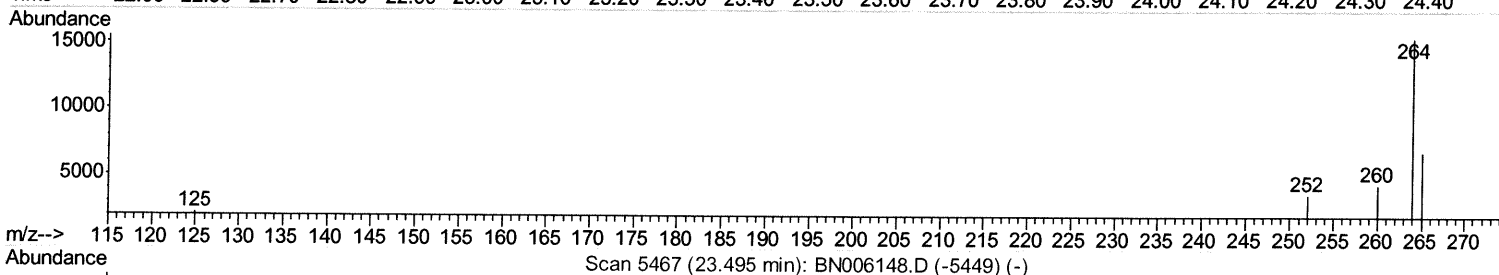
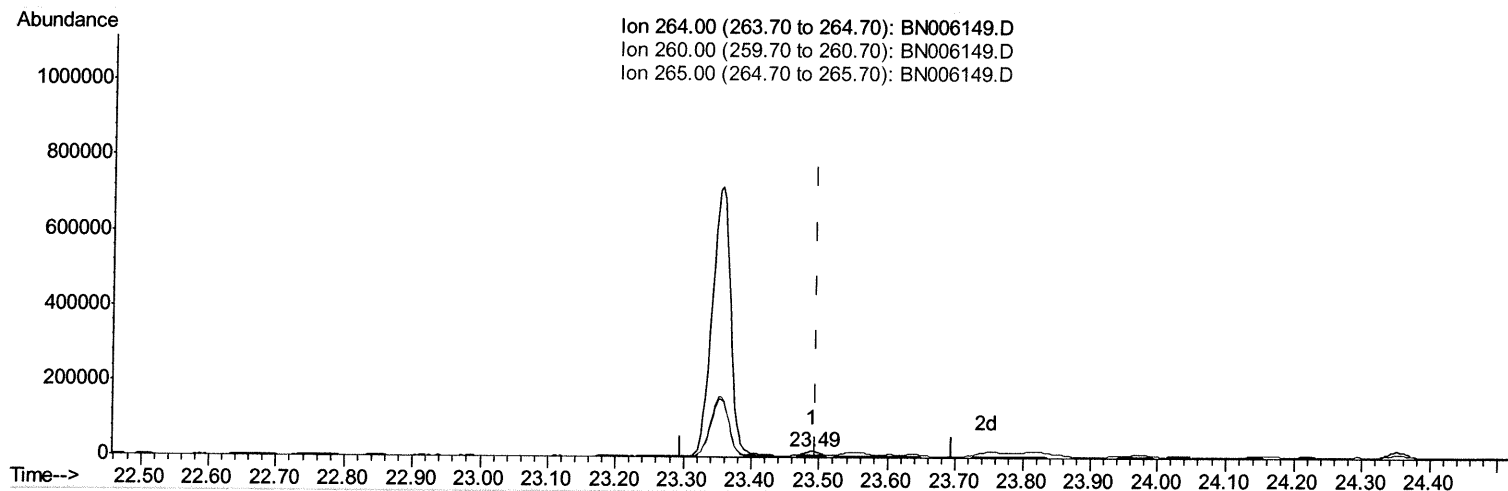
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:43:18 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(20) Perylene-d12 (I)

23.489min (-0.006) 0.40ng/ul m 06/10/19

response 21746

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	28.08
265.00	44.70	44.23
0.00	0.00	0.00

Quantitation Report (Qedit)

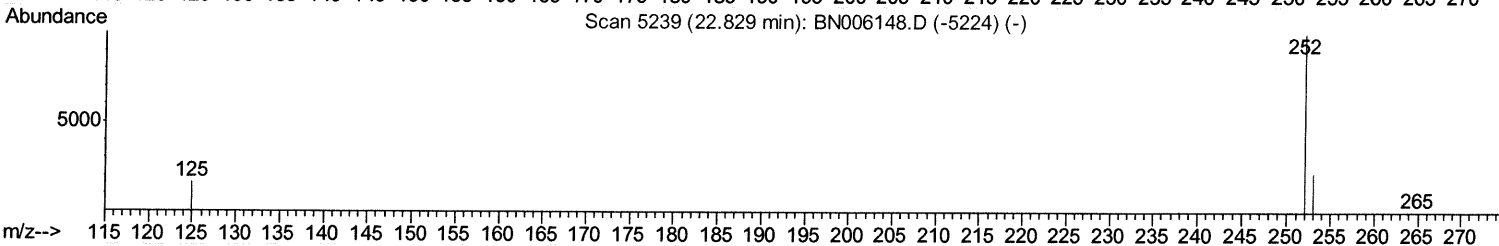
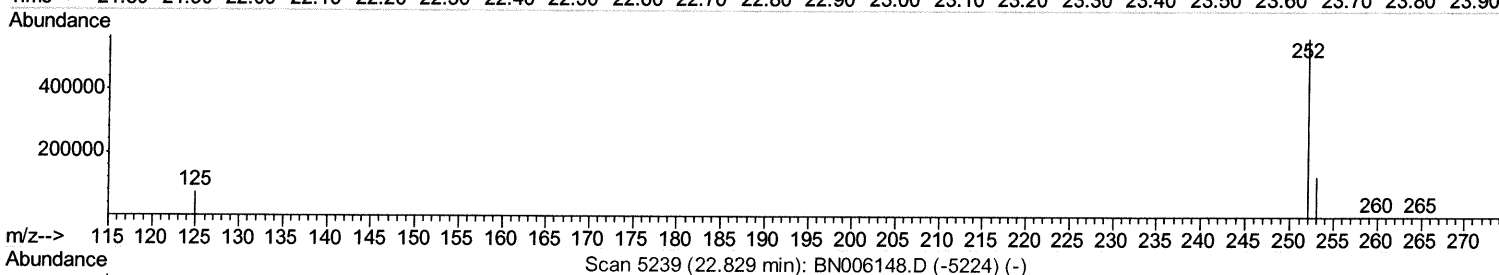
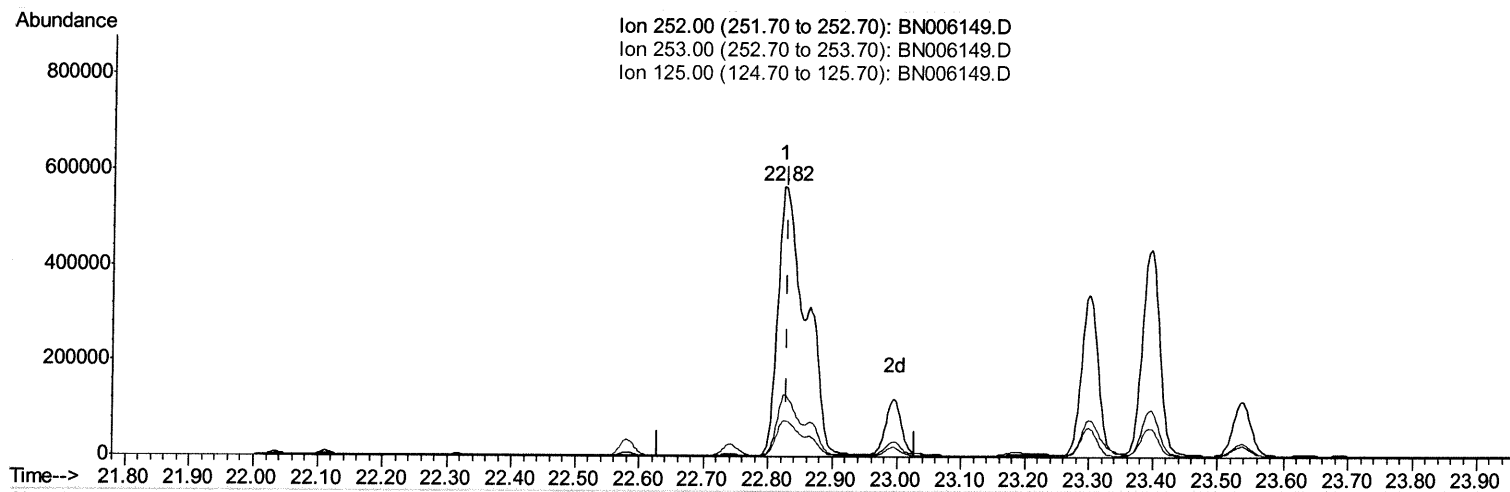
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006149.D
Acq On : 07 Jun 2019 00:03
Operator : JU/SJ
Sample : K3201-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:44:13 2019
Quant Title :
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



TIC: BN006149.D

(21) Benzo(b)fluoranthene

22.823min (-0.006) 18.81ng/ul

response 1705225

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	22.64
125.00	20.50	13.33
0.00	0.00	0.00

Quantitation Report (Qedit)

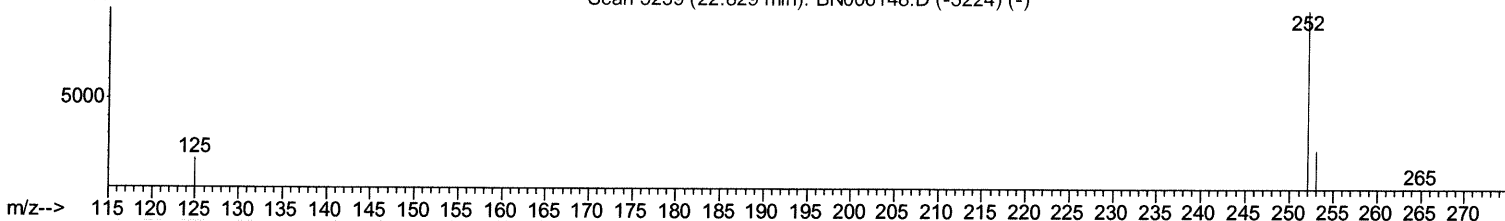
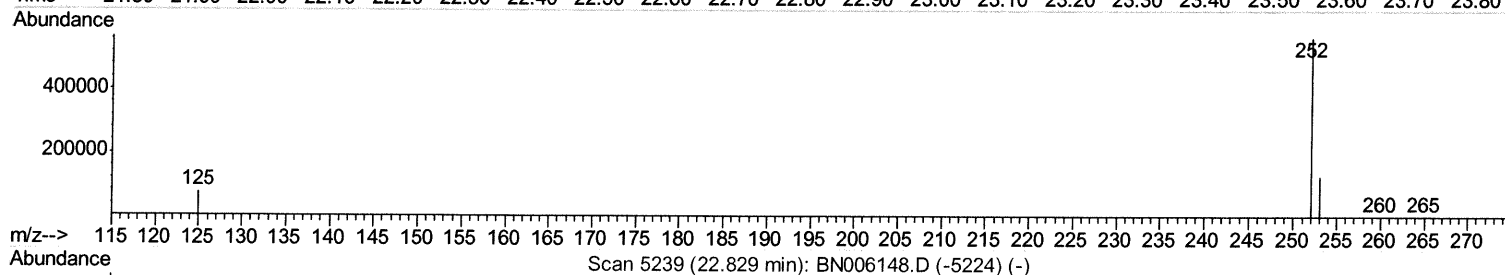
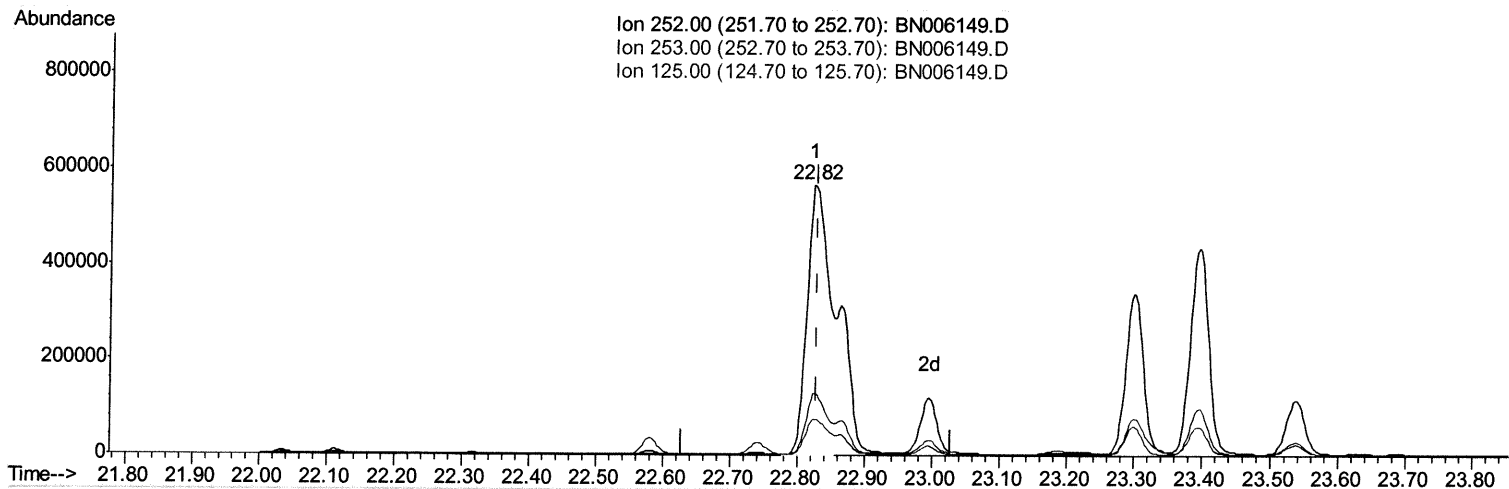
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
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mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:44:13 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(21) Benzo(b)fluoranthene

22.823min (-0.006) 13.88ng/ul m 06/10/19

response 1258915

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	22.64
125.00	20.50	13.33
0.00	0.00	0.00

Quantitation Report (Qedit)

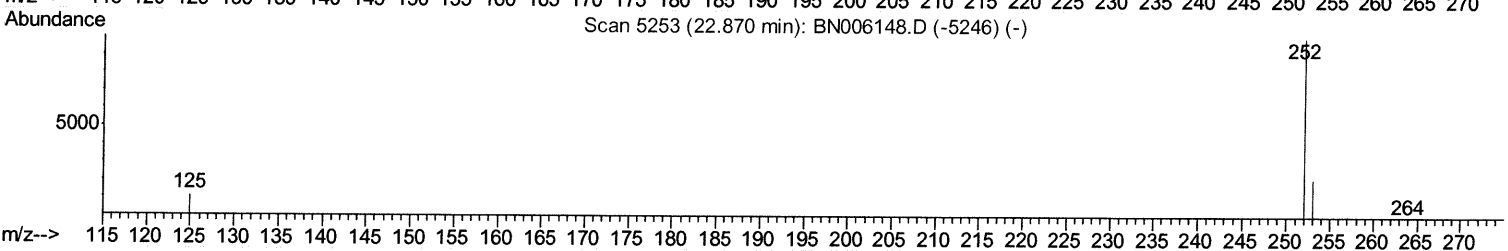
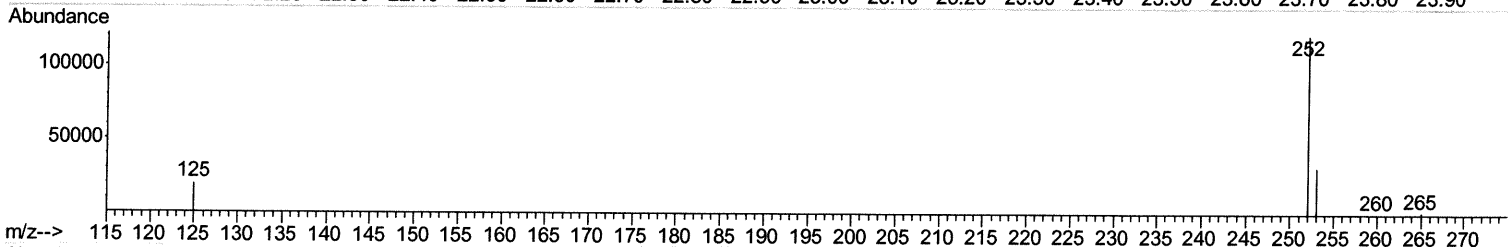
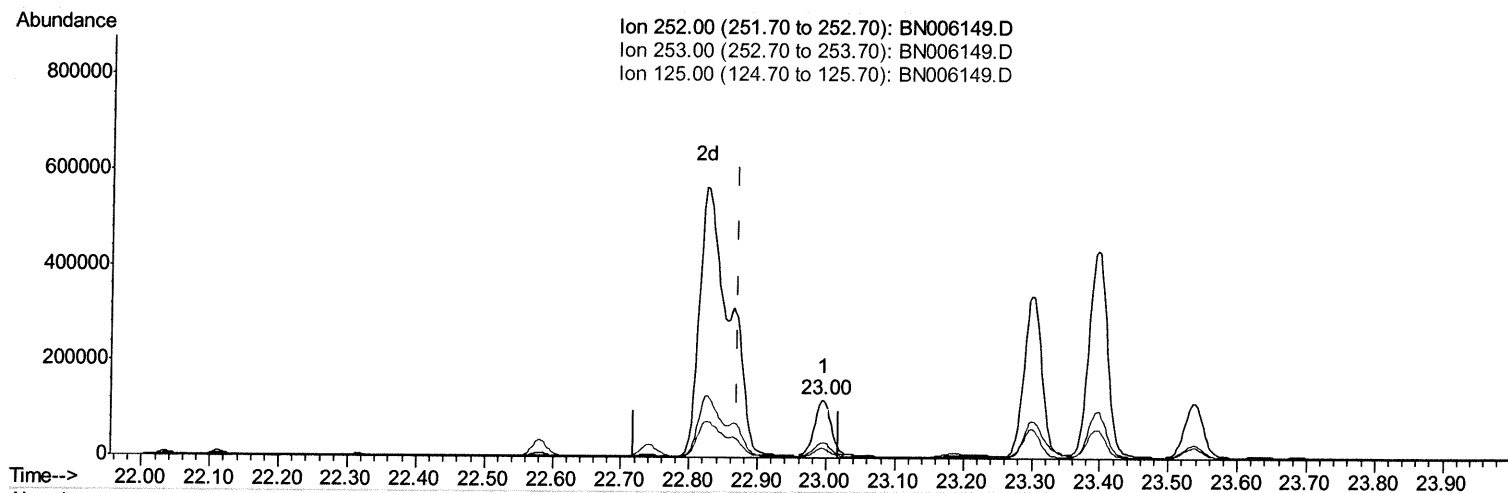
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:44:13 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(22) Benzo(k)fluoranthene
 22.995min (+0.126) 1.64ng/ul
 response 144639

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.98
125.00	17.90	16.22
0.00	0.00	0.00

Quantitation Report (Qedit)

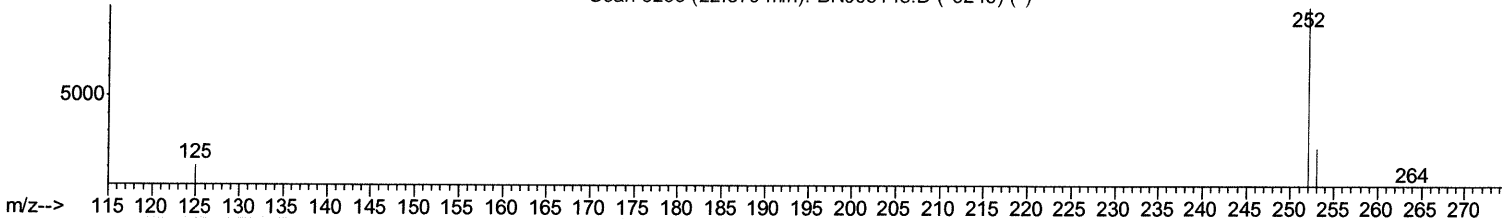
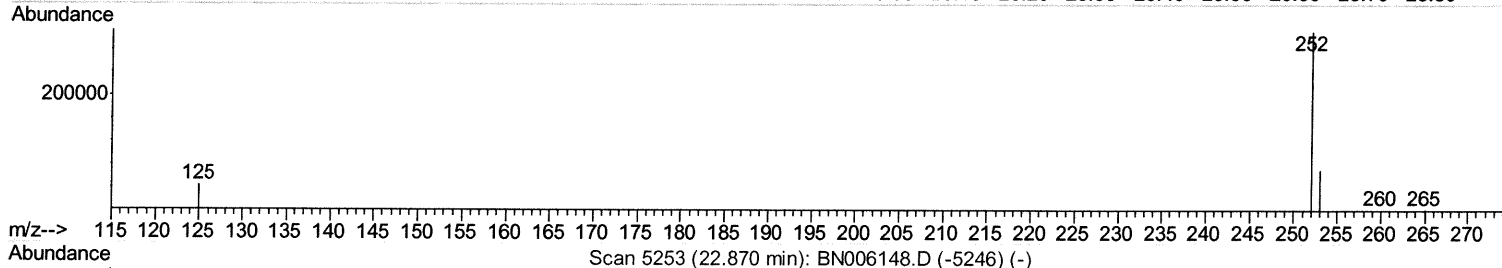
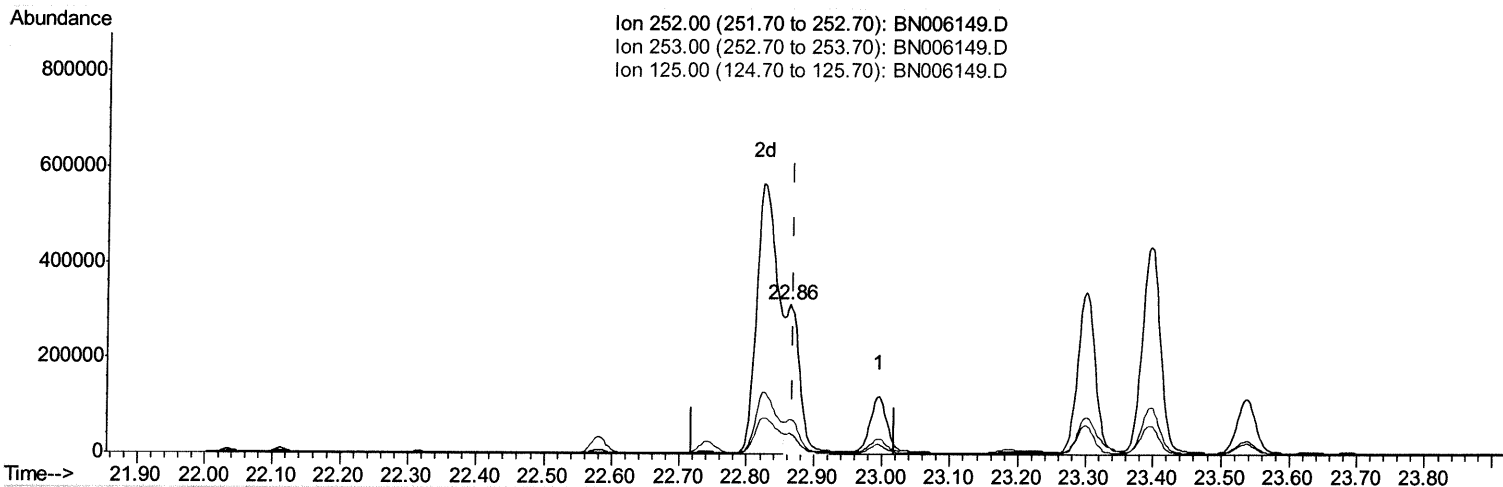
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:44:13 2019
 Quant Title :
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006149.D

(22) Benzo(k)fluoranthene

22.864min (-0.006) 5.16ng/ul m 06/10/19

response 455717

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.02
125.00	17.90	13.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:37 PM

Quant Time: Jun 07 01:44:56 2019
 Quant Title :
 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	5992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	23214	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12577	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	26644m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21904m>	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	21746m>	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.03	152	8340	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	21905m>	0.31	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	10.48	128	26545	0.414	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	9506	0.213	ng/ul	100
7) Acenaphthylene	14.02	152	143225	2.049	ng/ul	99
8) Acenaphthene	14.36	153	16307	0.336	ng/ul	99
9) Fluorene	15.35	166	18928	0.334	ng/ul#	94
12) Phenanthrene	17.09	178	574841m>	6.721	ng/ul	
13) Anthracene	17.18	178	155598m>	1.905	ng/ul	
15) Fluoranthene	19.12	202	1549208m>	16.404	ng/ul	
17) Pyrene	19.49	202	1407001	12.195	ng/ul	97
18) Benzo(a)anthracene	21.24	228	815457m>	8.417	ng/ul	
19) Chrysene	21.30	228	838856	9.224	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	1258915m>	13.884	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	455717m>	5.160	ng/ul	
23) Benzo(a)pyrene	23.40	252	814948	9.650	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	695326	7.607	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.72	278	168296	2.303	ng/ul	92
26) Benzo(g,h,i)perylene	26.41	276	545217	7.121	ng/ul	94

Jo 06/10/19

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