

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

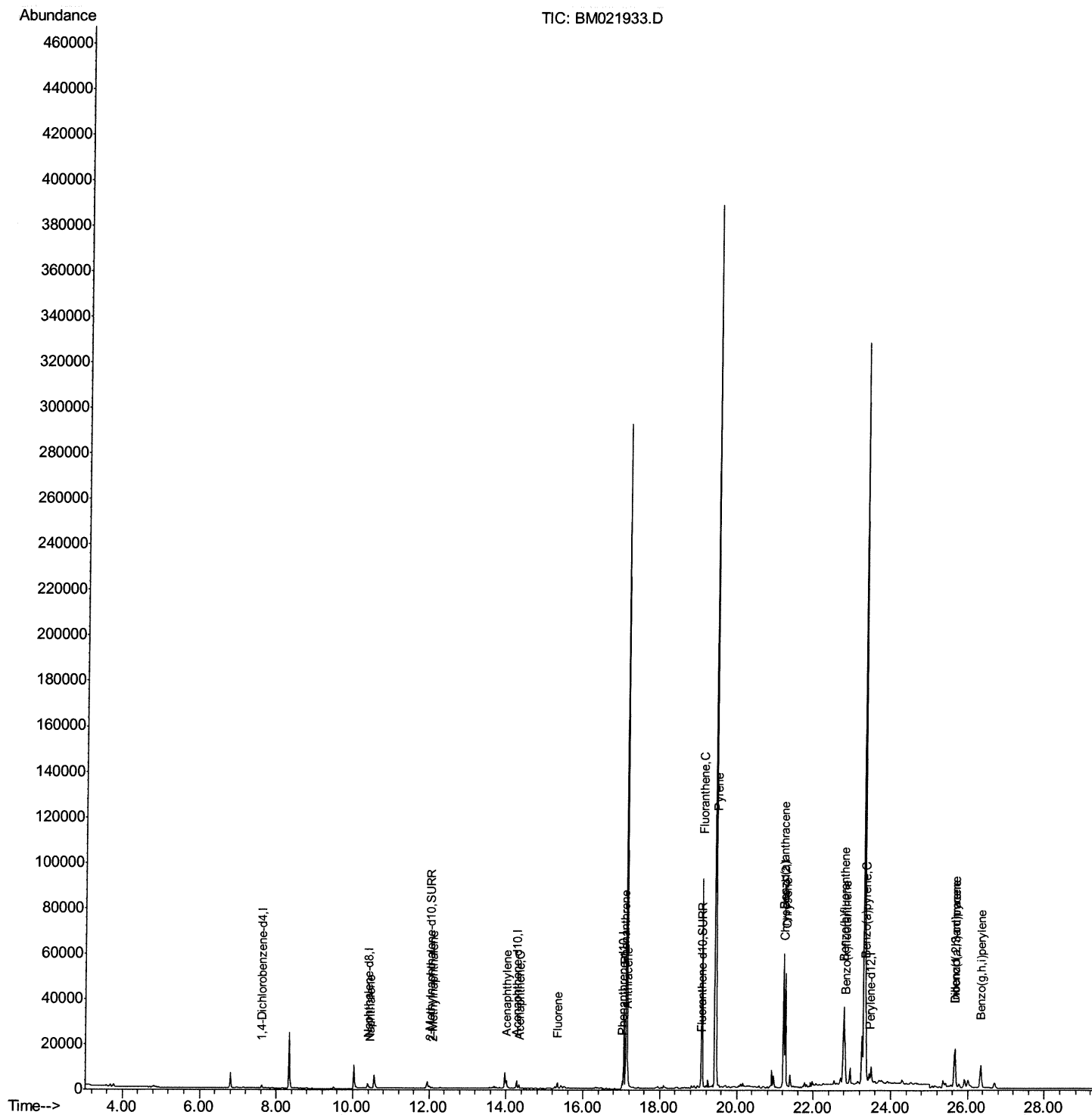
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:05:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

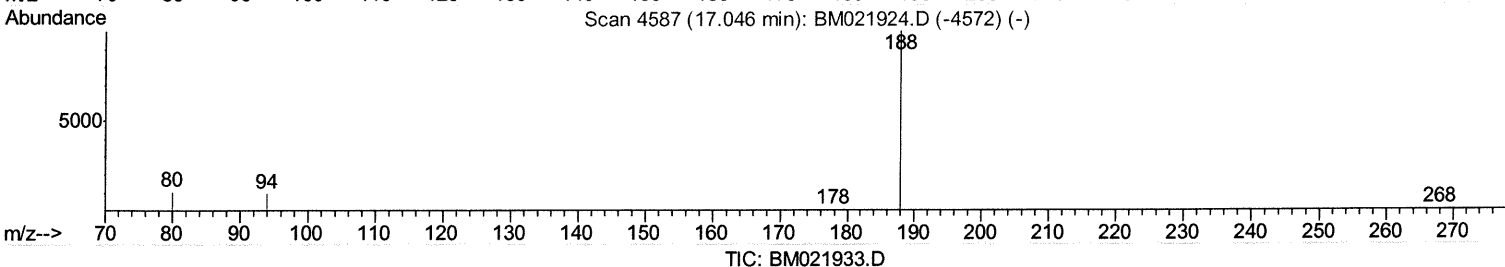
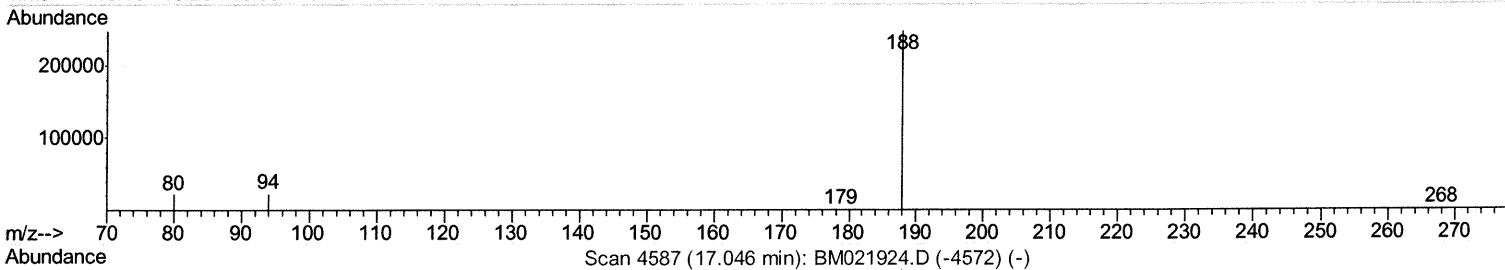
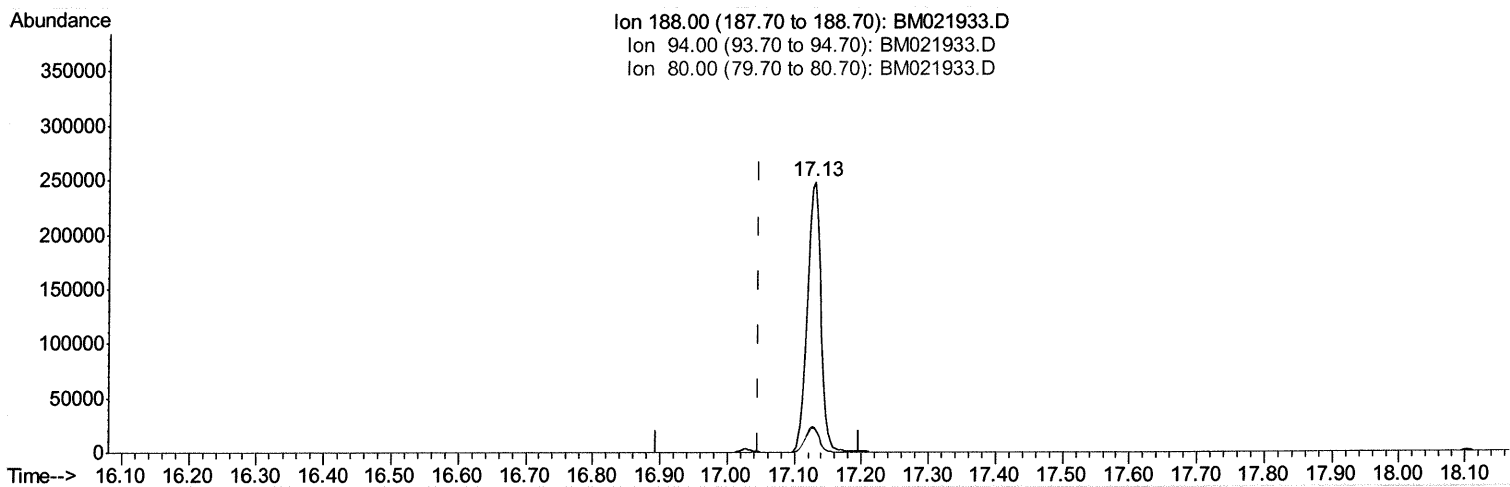
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 00:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.129min (+0.083) 0.40ng/ul

response 345236

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.17
80.00	11.40	8.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

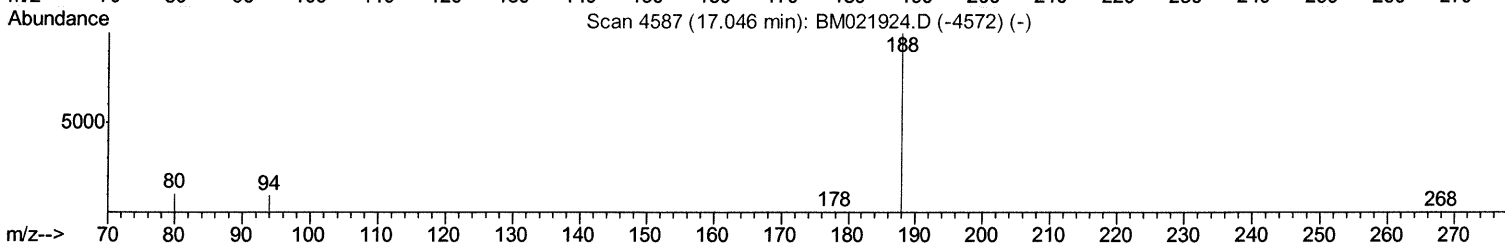
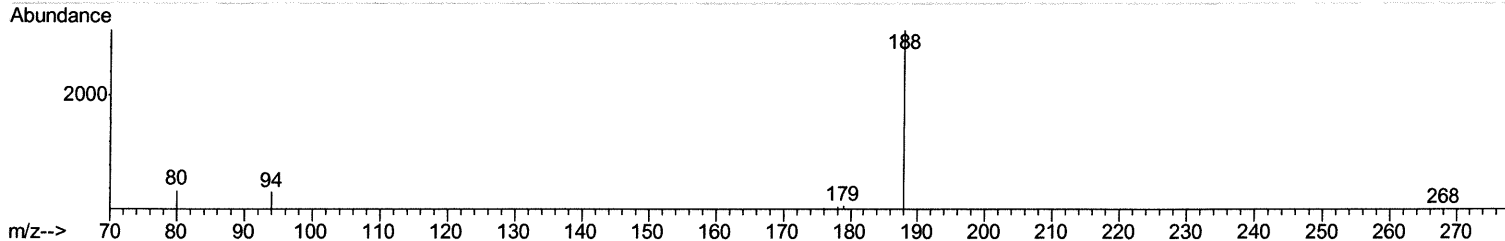
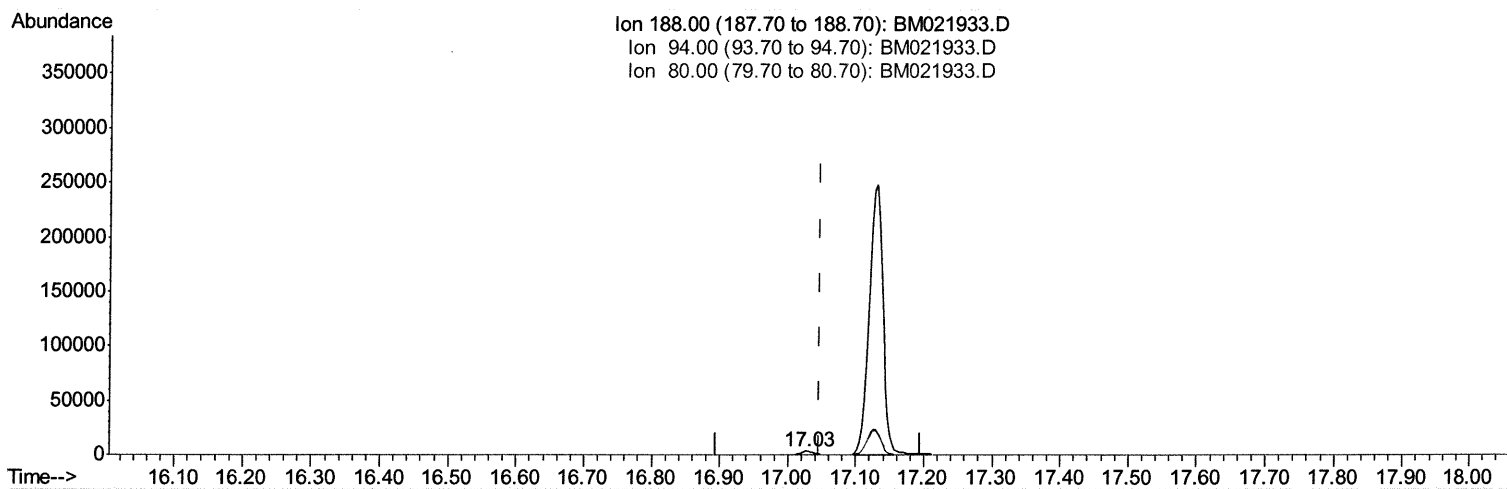
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 00:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021933.D

(10) Phenanthrene-d10 (l)

17.029min (-0.017) 0.40ng/ul m

response 4384

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.84
80.00	11.40	11.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

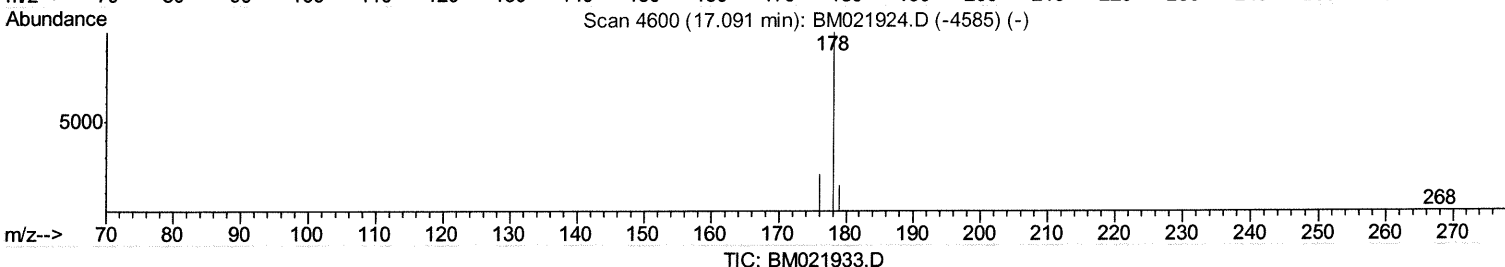
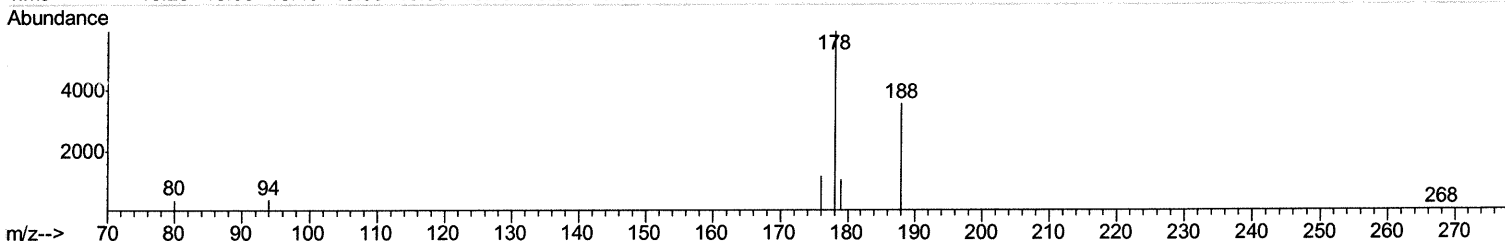
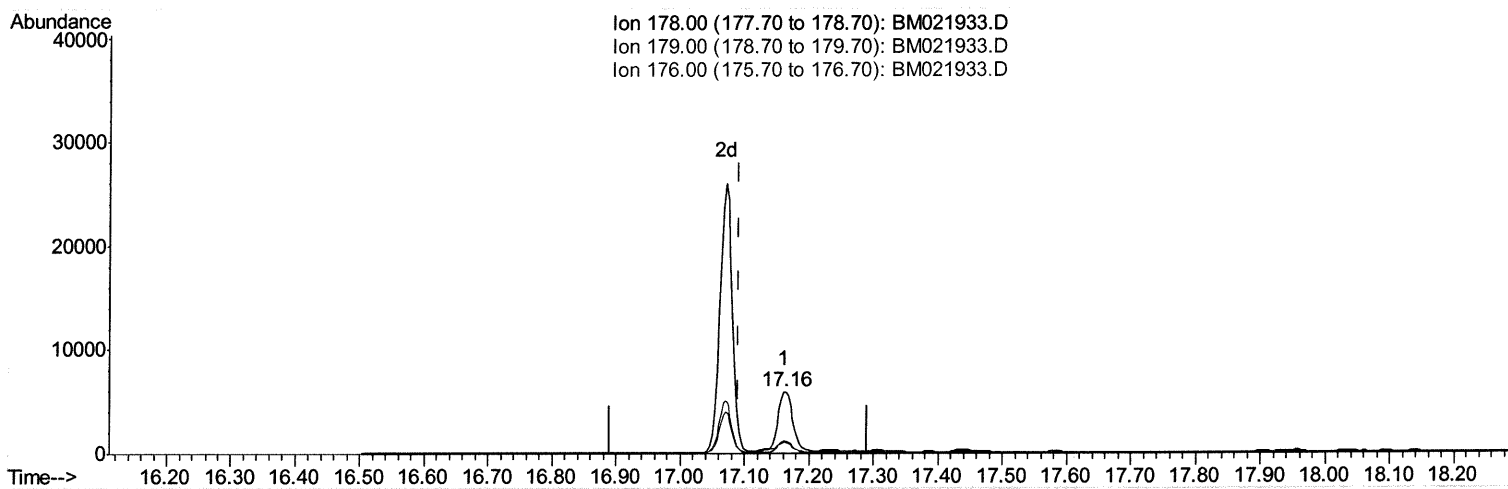
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(12) Phenanthrene

17.161min (+0.069) 0.78ng/ul

response 9911

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	17.63
176.00	21.00	19.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

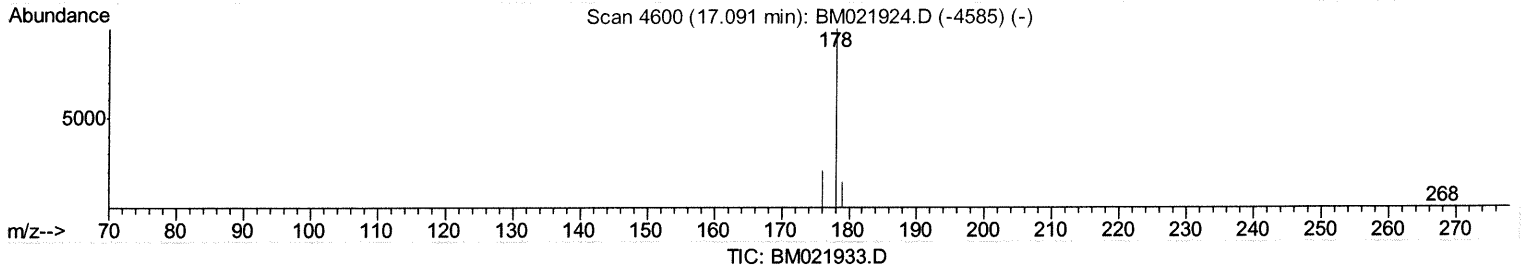
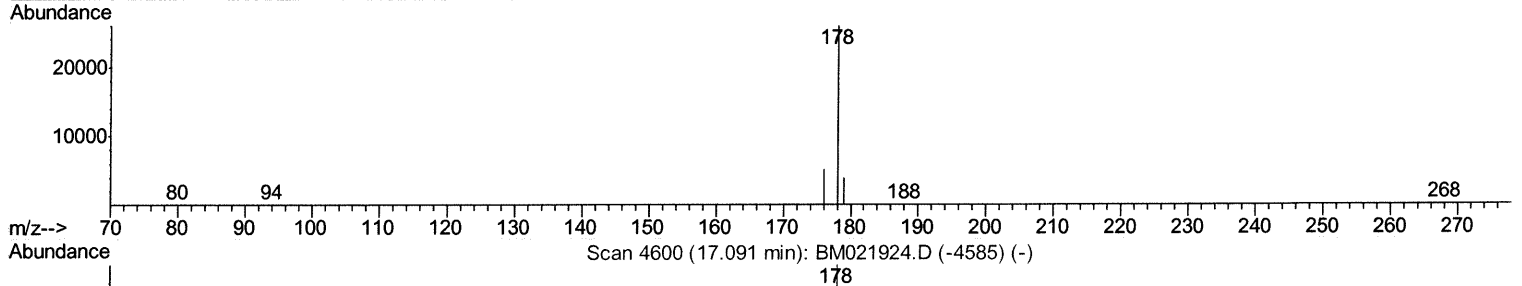
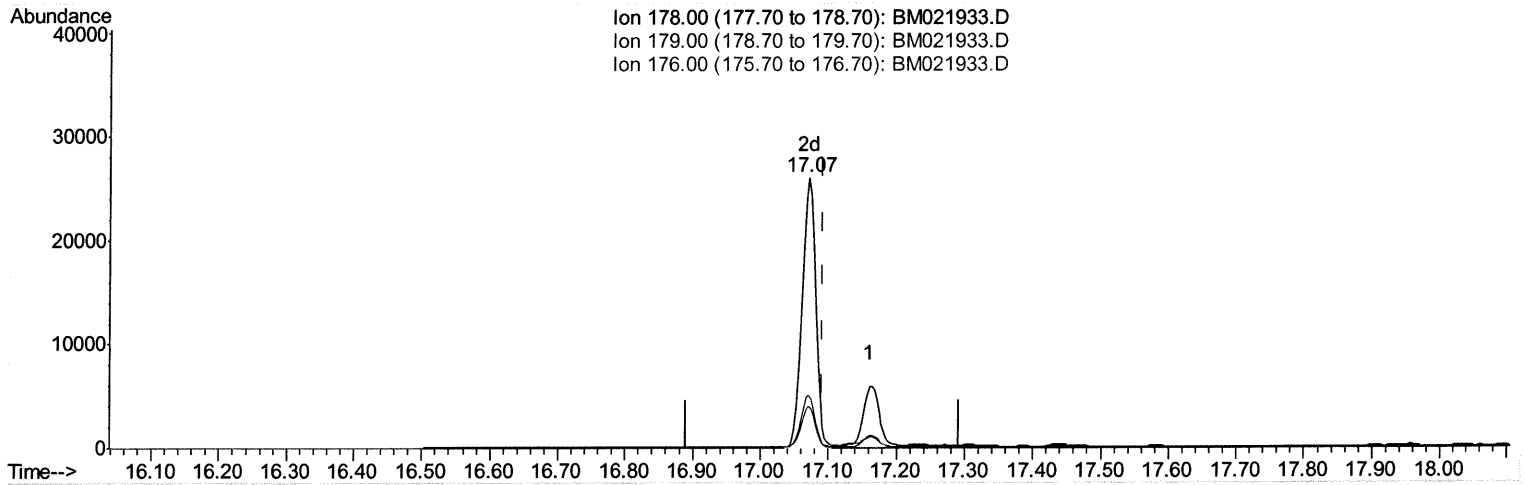
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(12) Phenanthrene

17.070min (-0.021) 2.77ng/ul m *JU 08/09/19*

response 35333

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.50
176.00	21.00	19.76
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

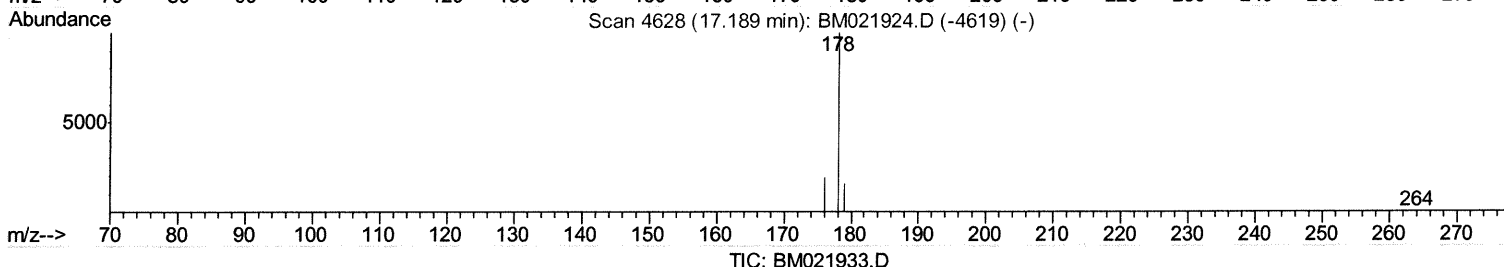
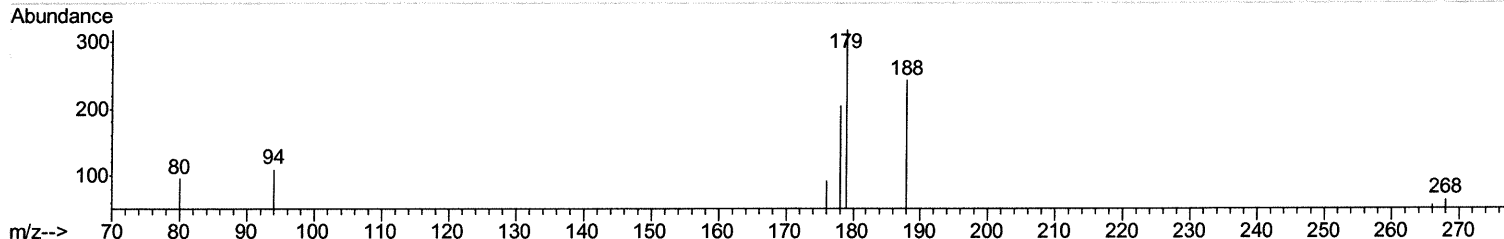
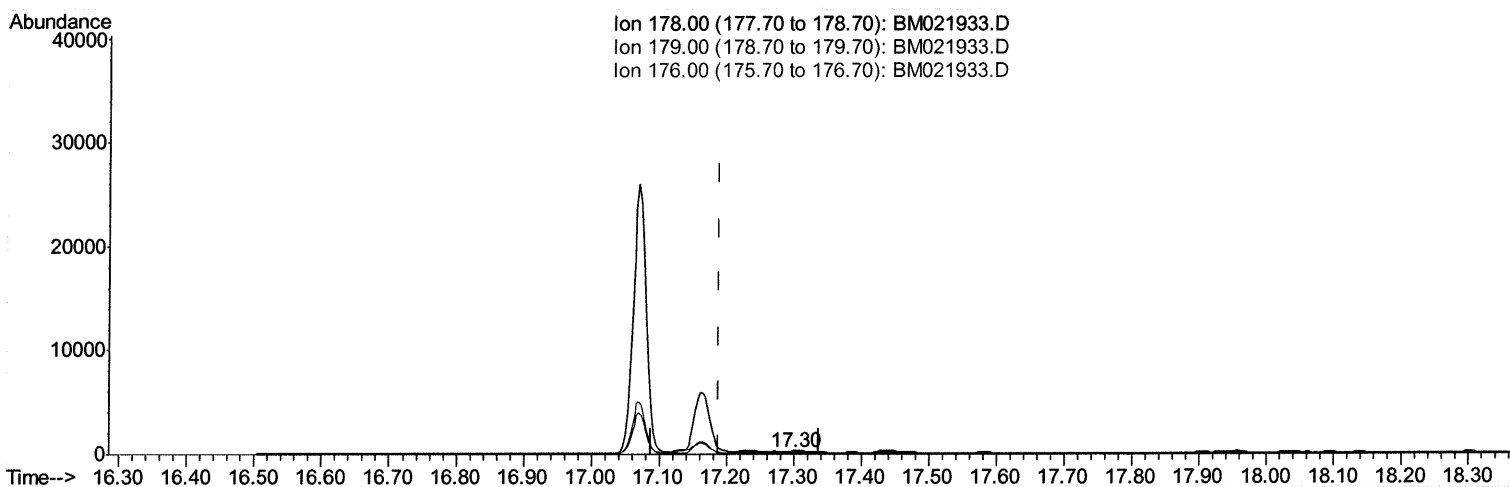
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(13) Anthracene

17.300min (+0.111) 0.02ng/ul

response 209

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	156.37#
176.00	20.80	45.10#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

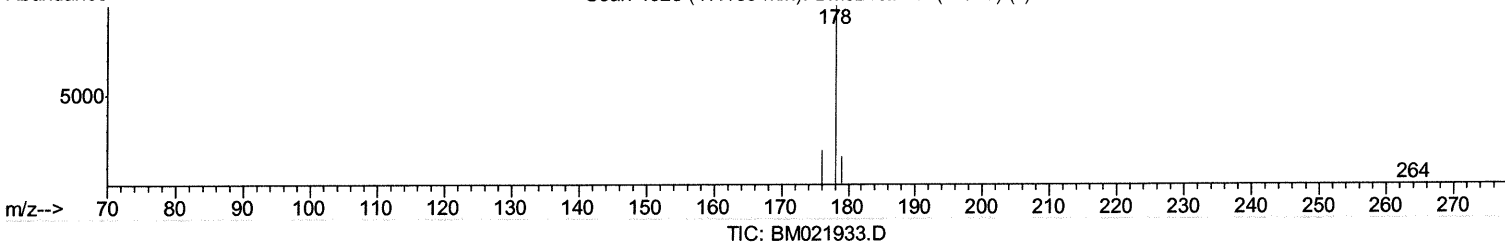
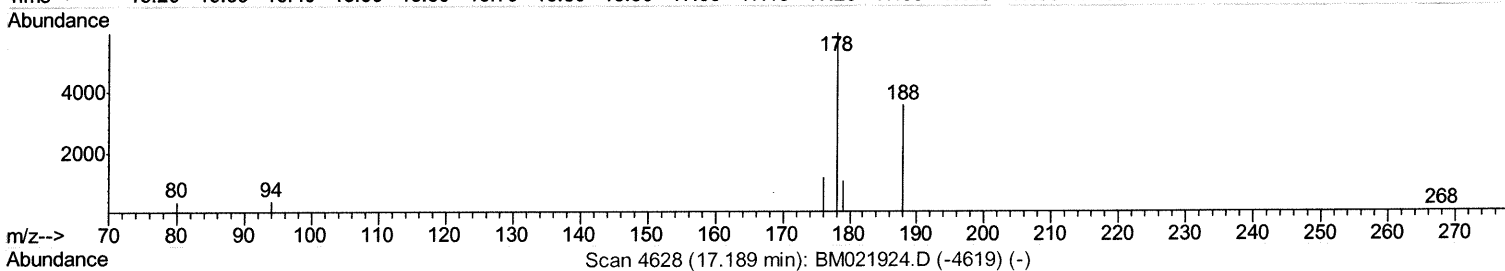
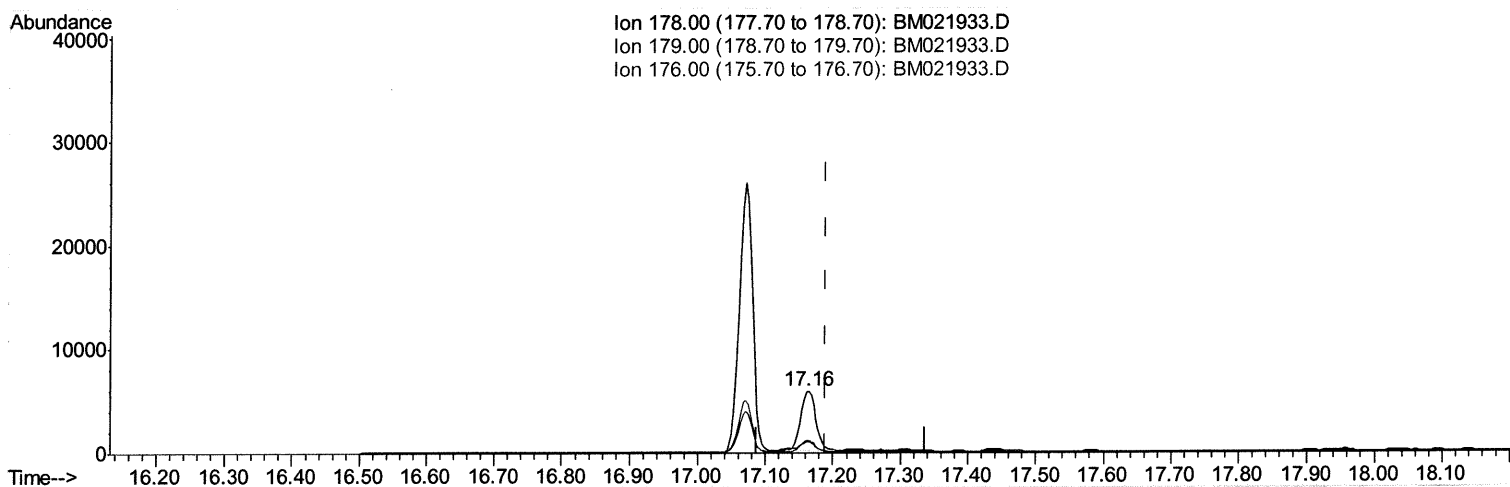
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(13) Anthracene

17.161min (-0.028) 0.82ng/ul m *JU 08/09/19*

response 8869

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	17.63
176.00	20.80	19.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

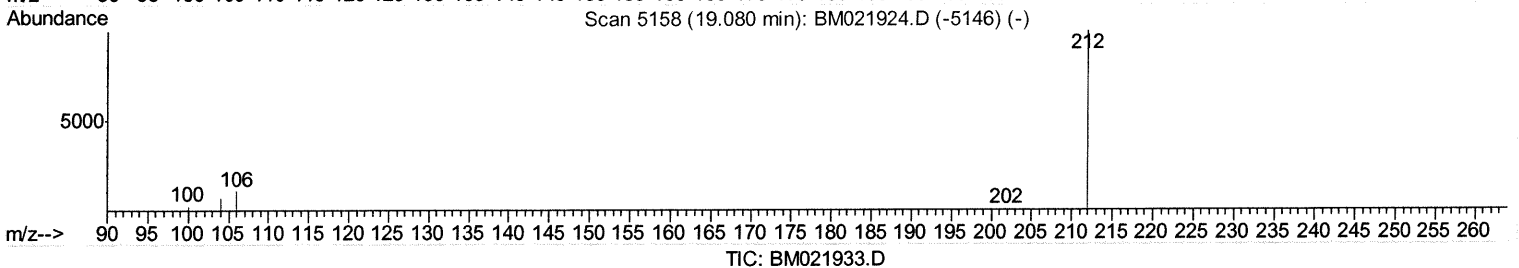
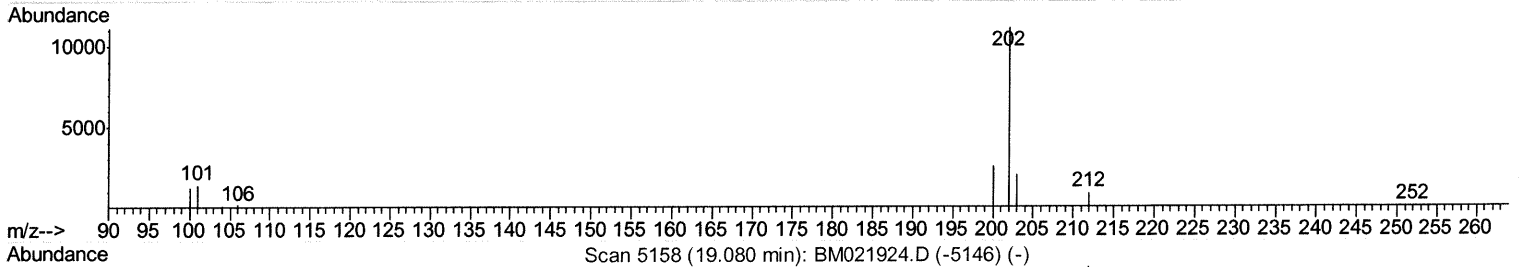
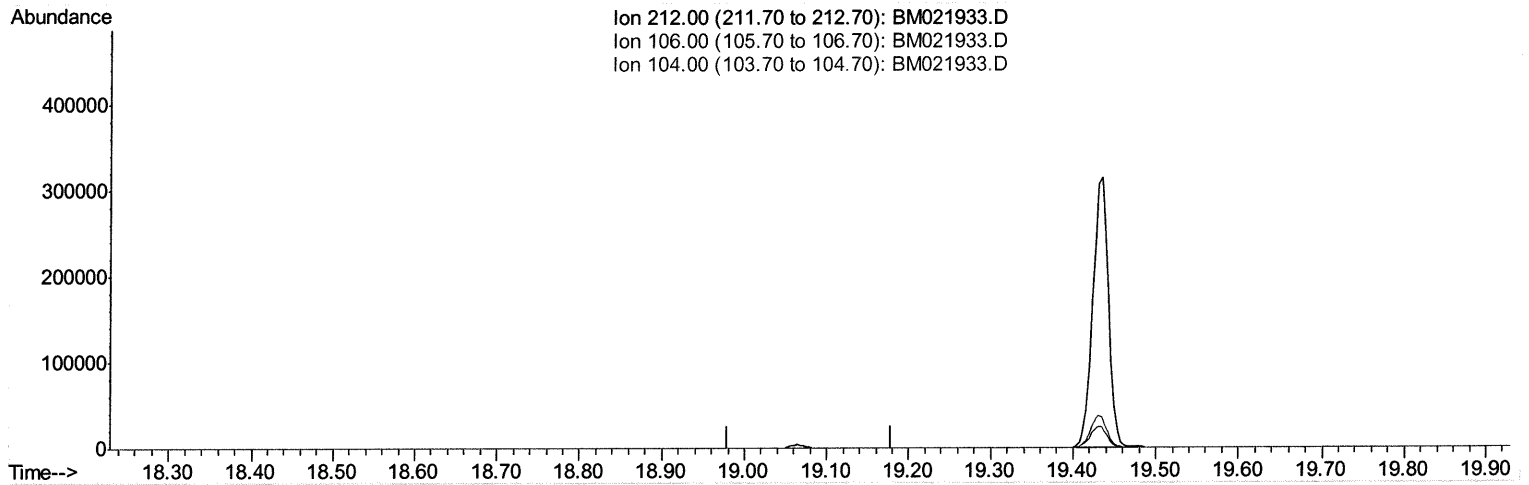
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.080min (-19.080) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

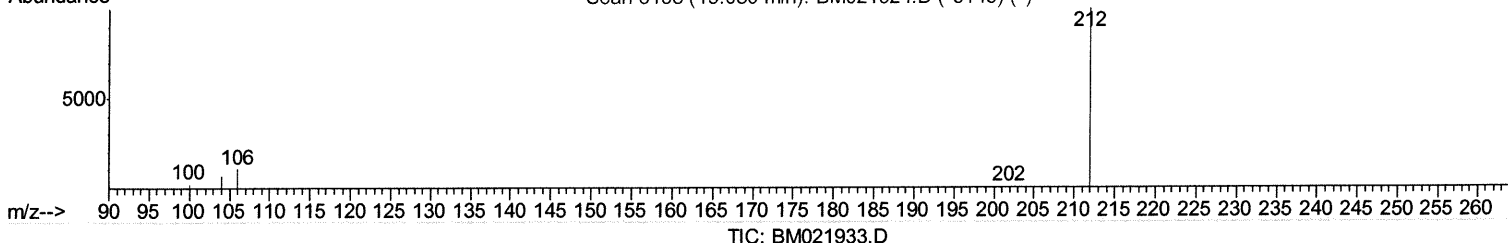
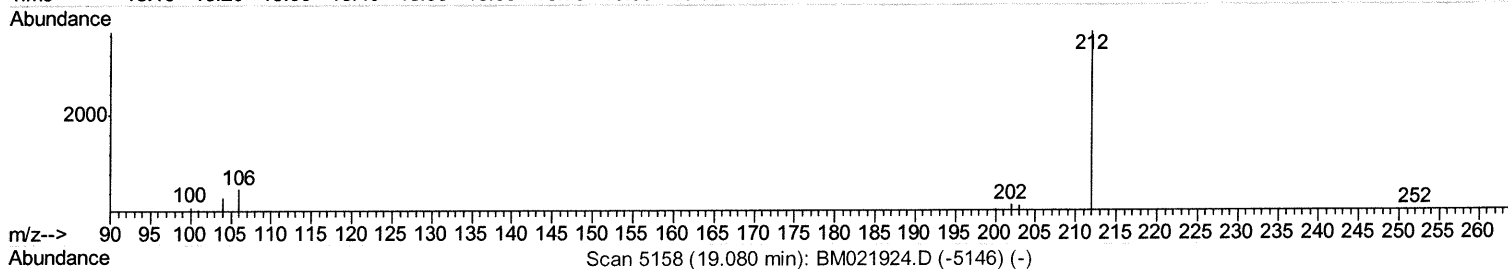
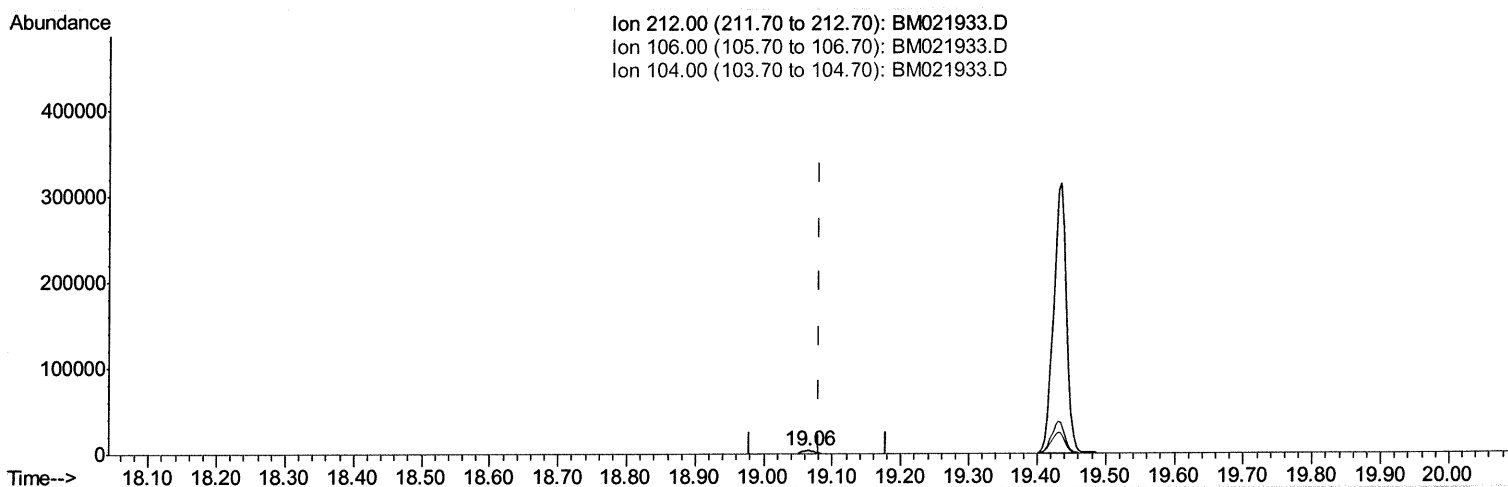
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (Surr)

19.064min (-0.015) 0.33ng/ul m *JU 8/10/19*

response 4866

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

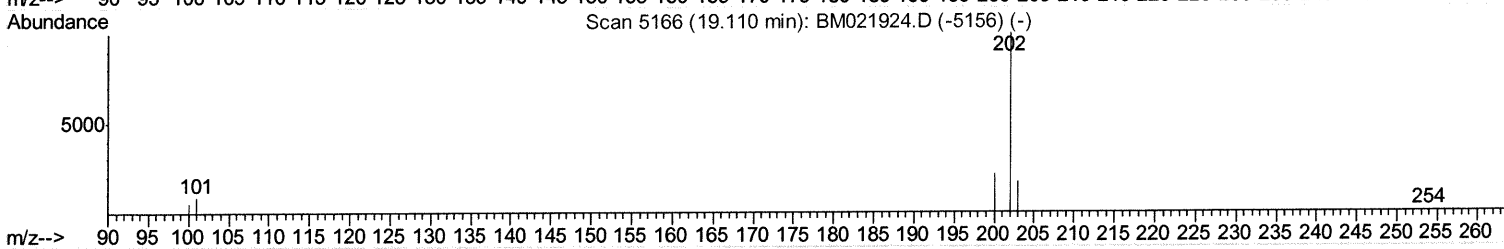
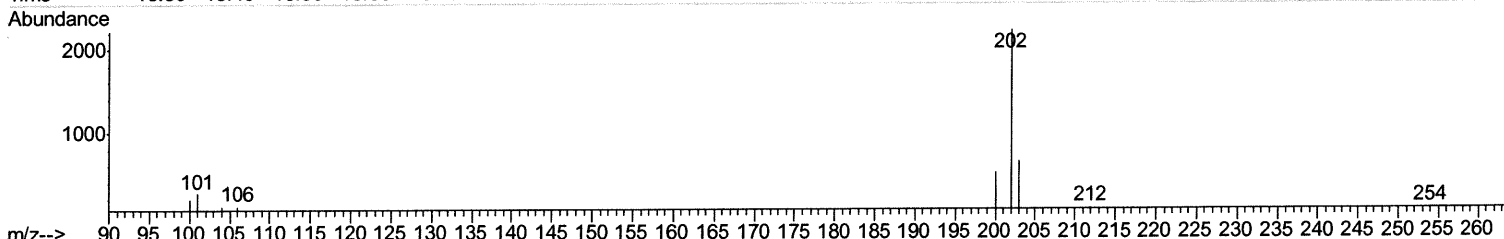
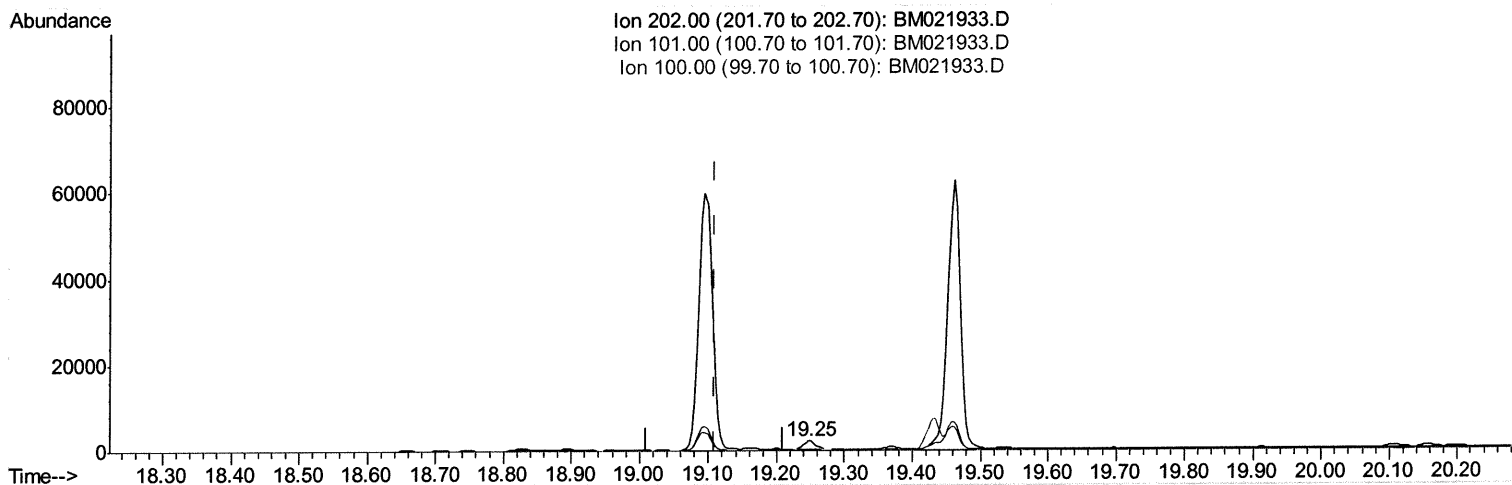
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021933.D

(15) Fluoranthene (C)

19.247min (+0.137) 0.15ng/ul

response 2546

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	12.56
100.00	8.10	9.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

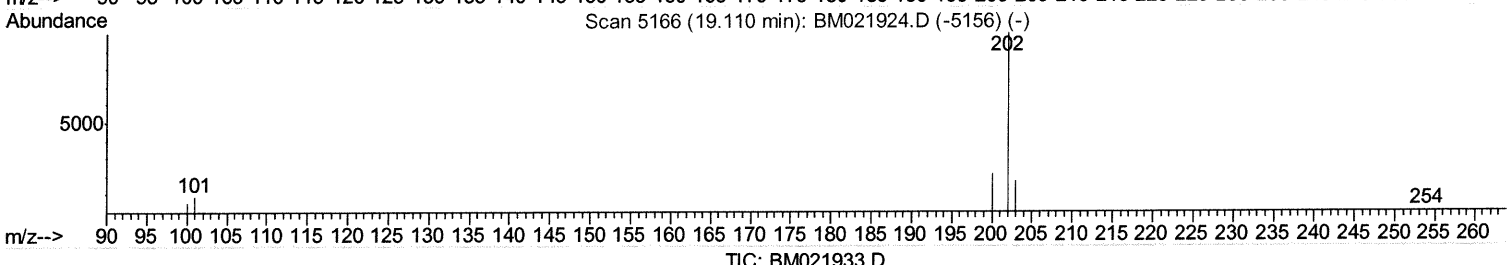
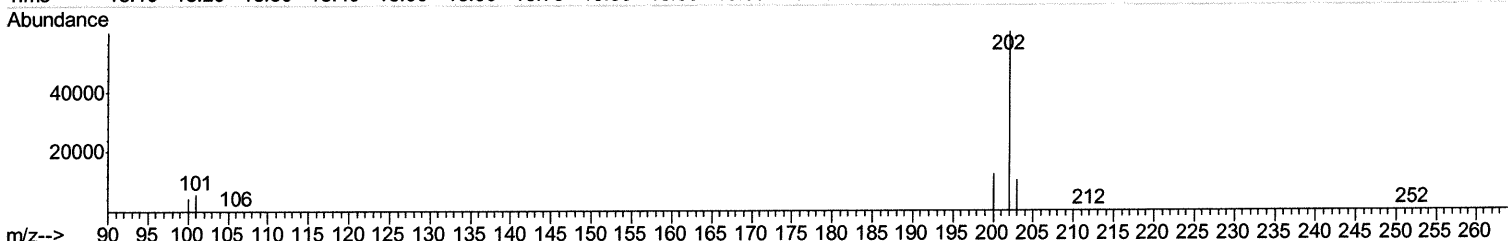
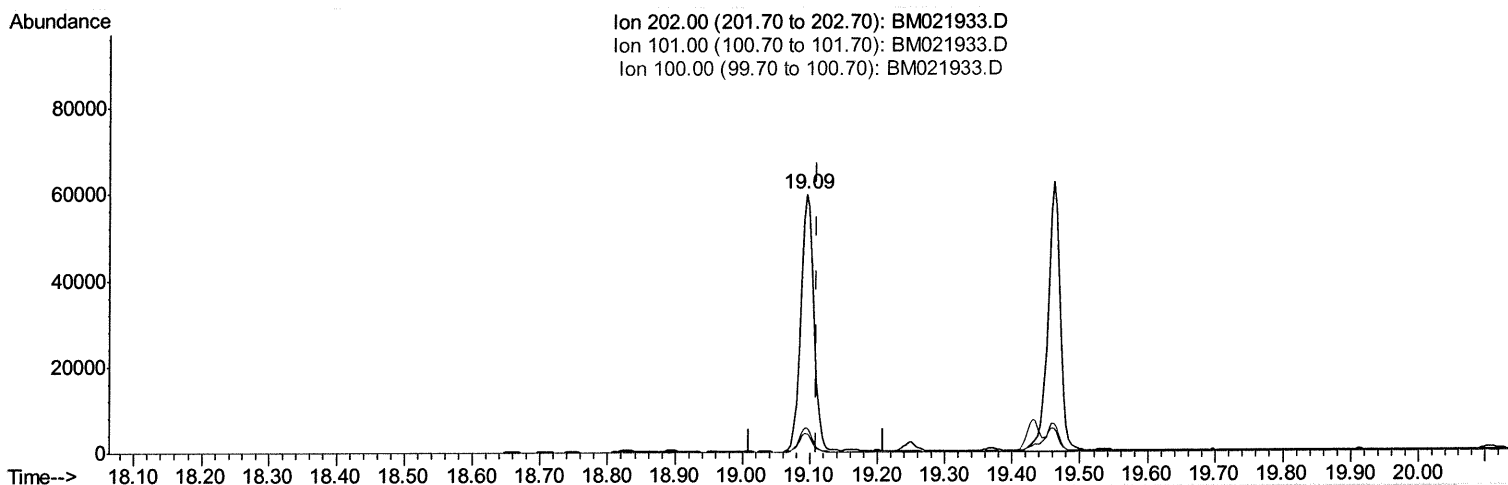
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.095min (-0.015) 4.78ng/ul m *JU 08/09/19*

response 81663

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.41
100.00	8.10	7.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

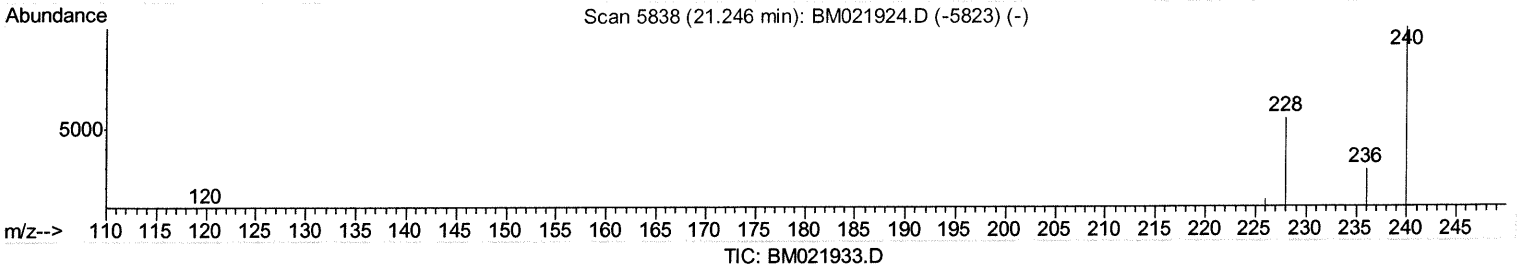
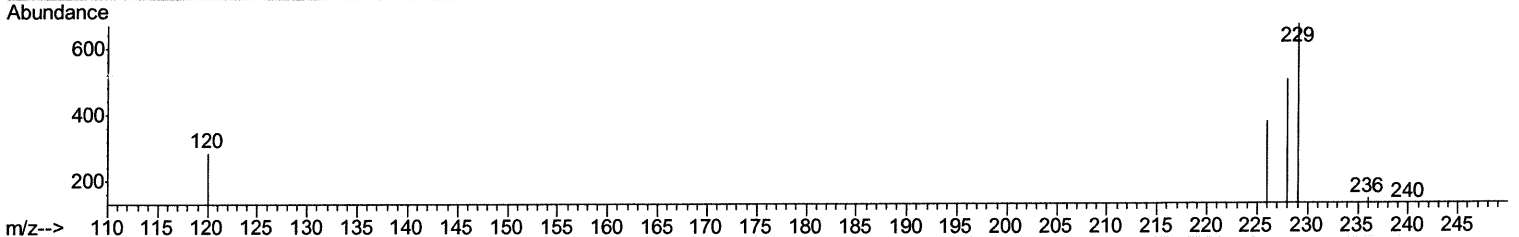
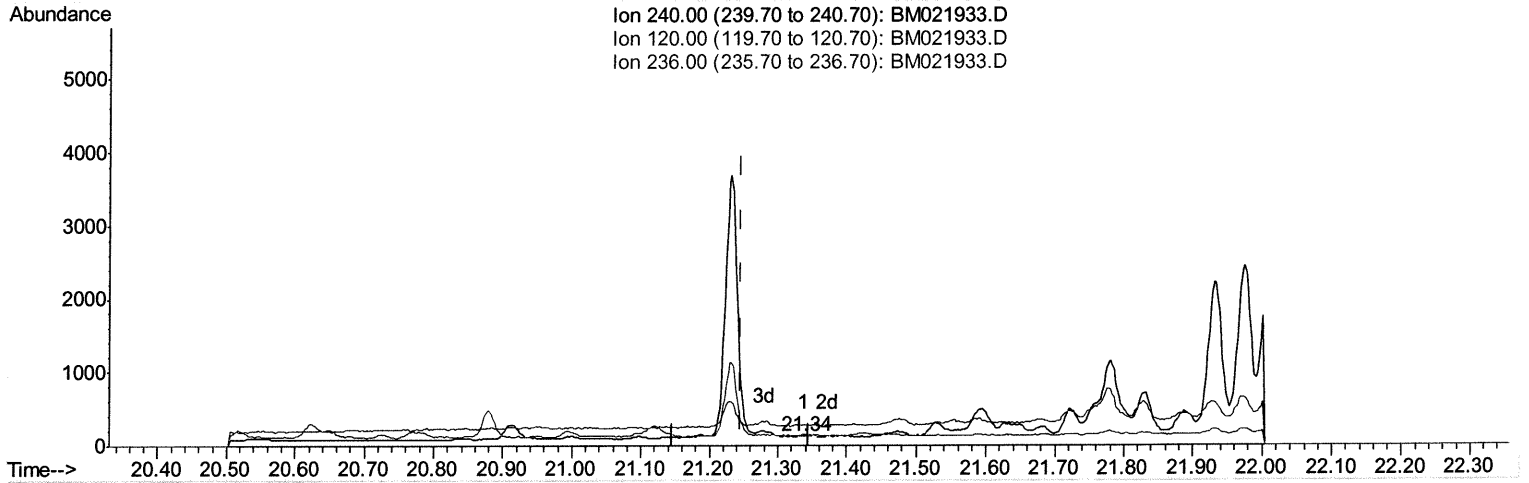
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
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mohammad
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Quant Time: Aug 09 01:02:22 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.338min (+0.092) 0.40ng/ul

response 14

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	218.32#
236.00	32.30	110.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

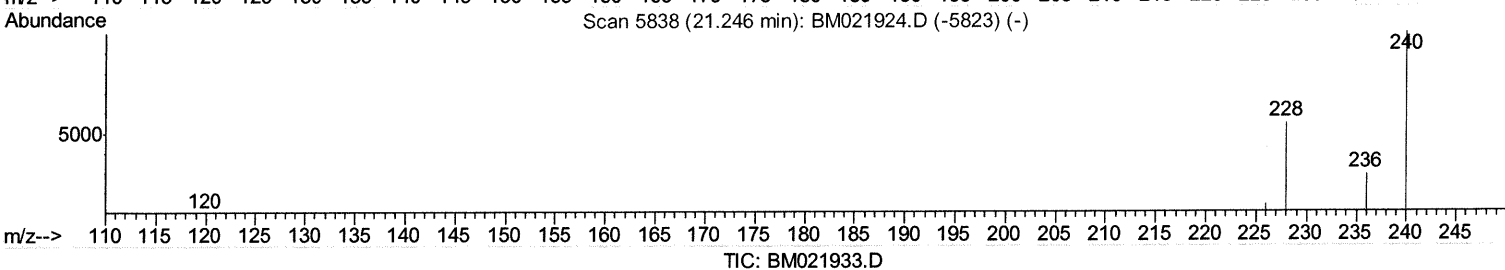
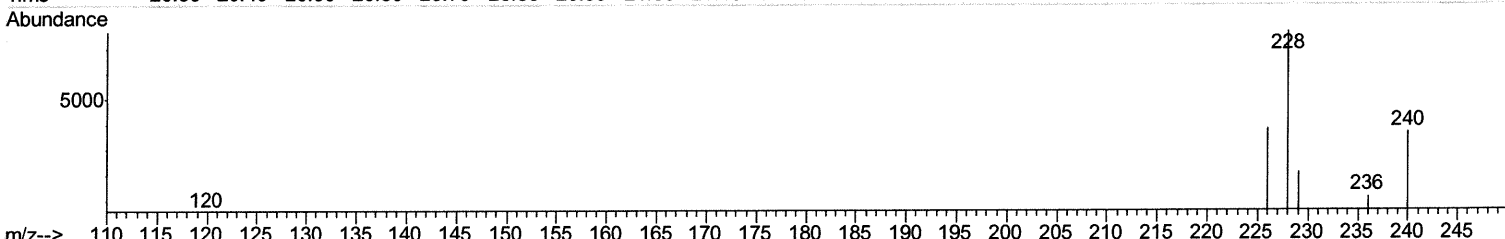
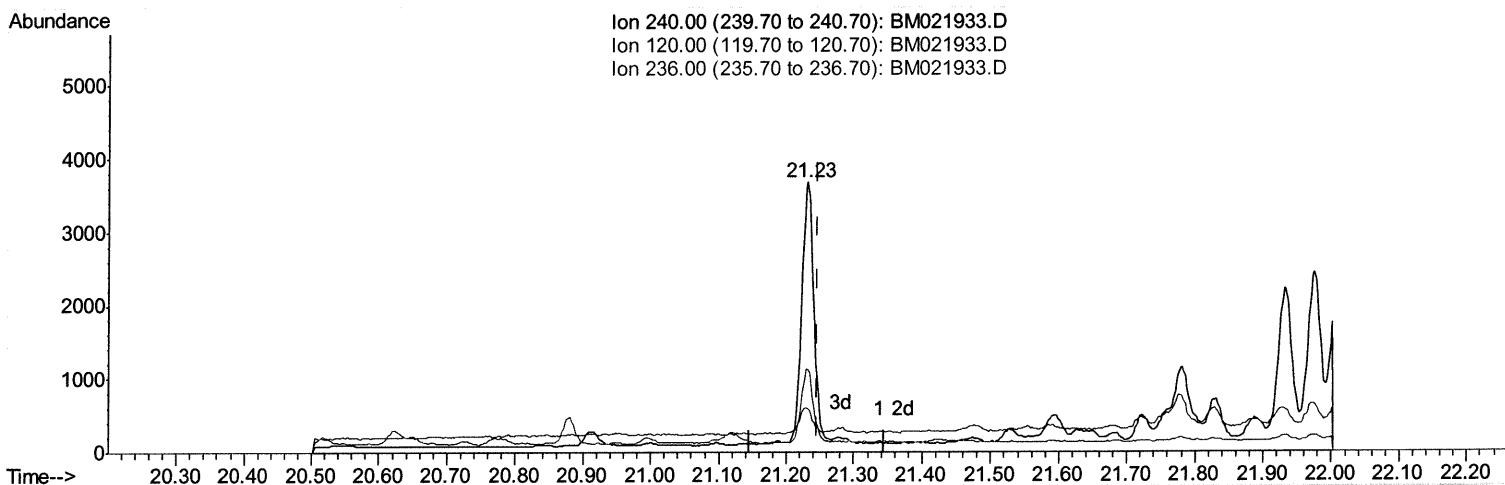
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.231min (-0.015) 0.40ng/ul m *Ju 08/09/19*

response 4350

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.41
236.00	32.30	31.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

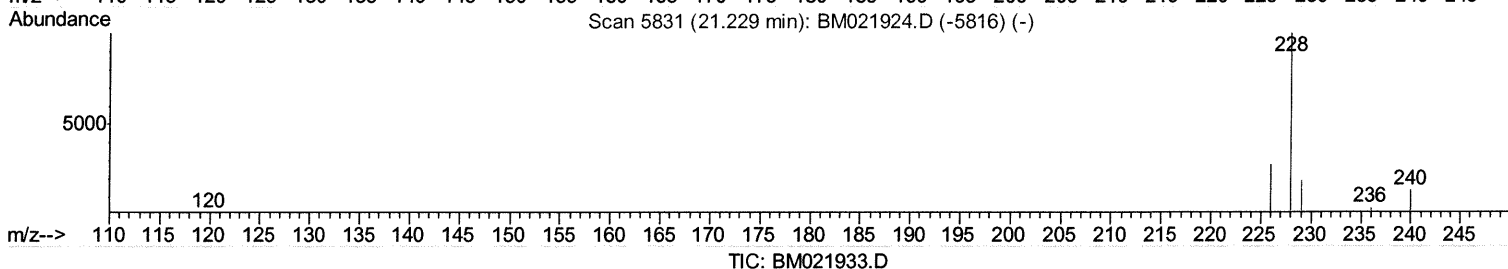
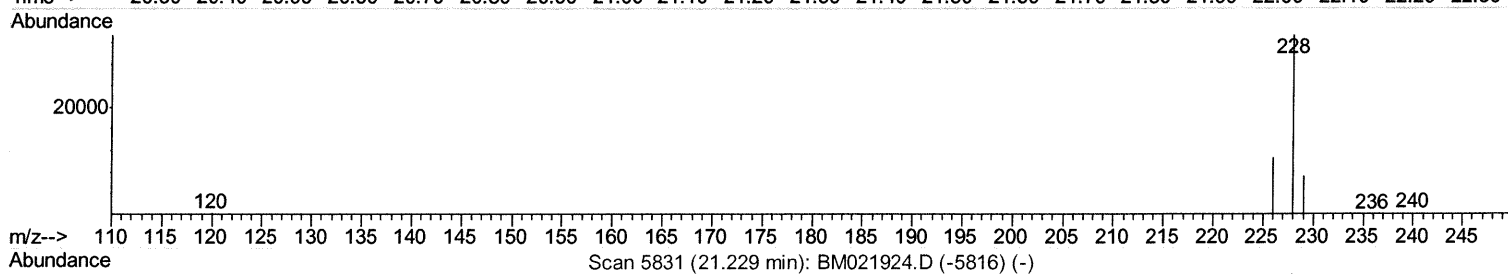
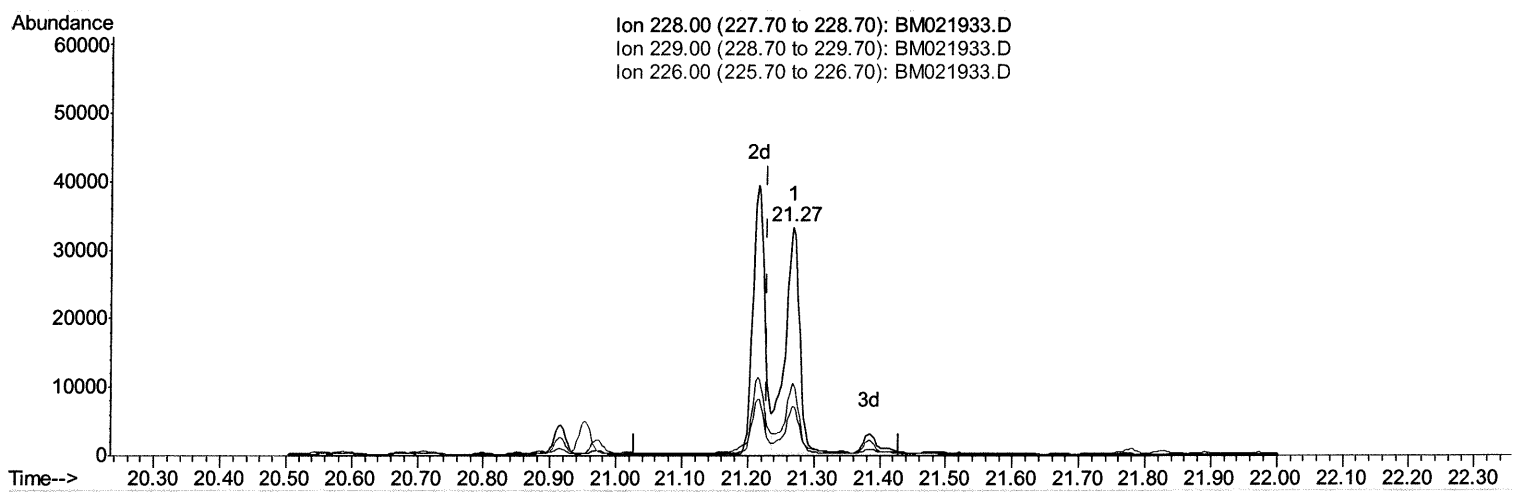
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.268min (+0.039) 3.28ng/ul

response 51012

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.50
226.00	28.30	31.53
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

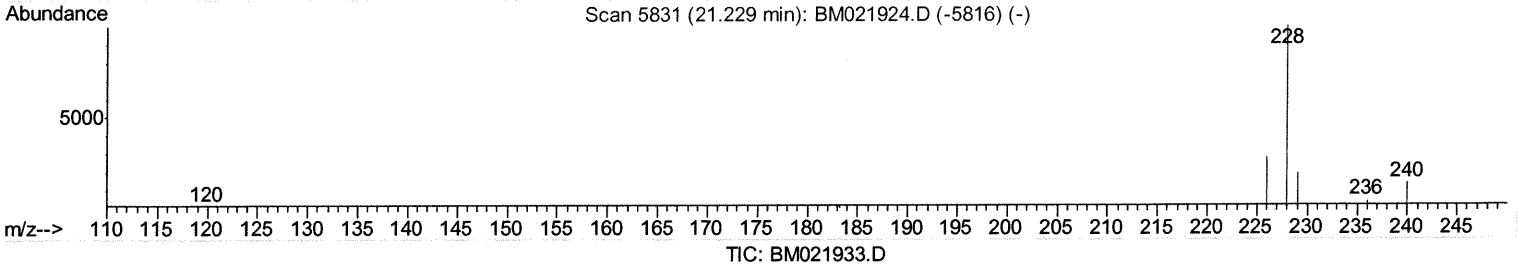
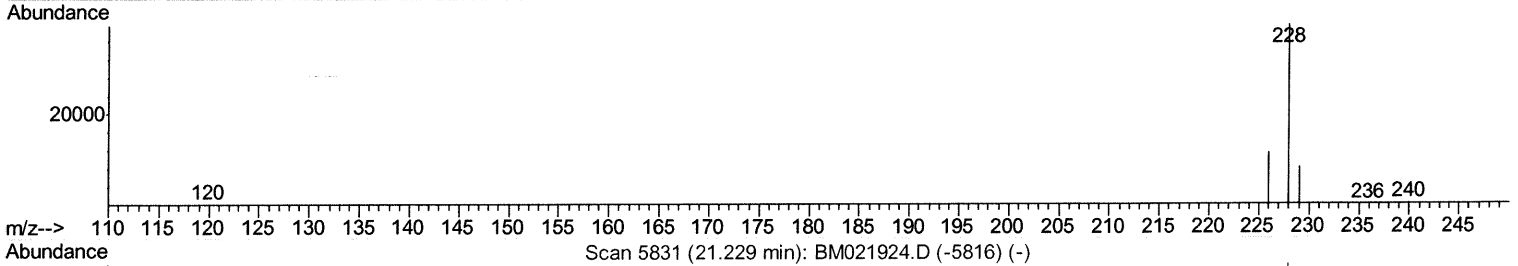
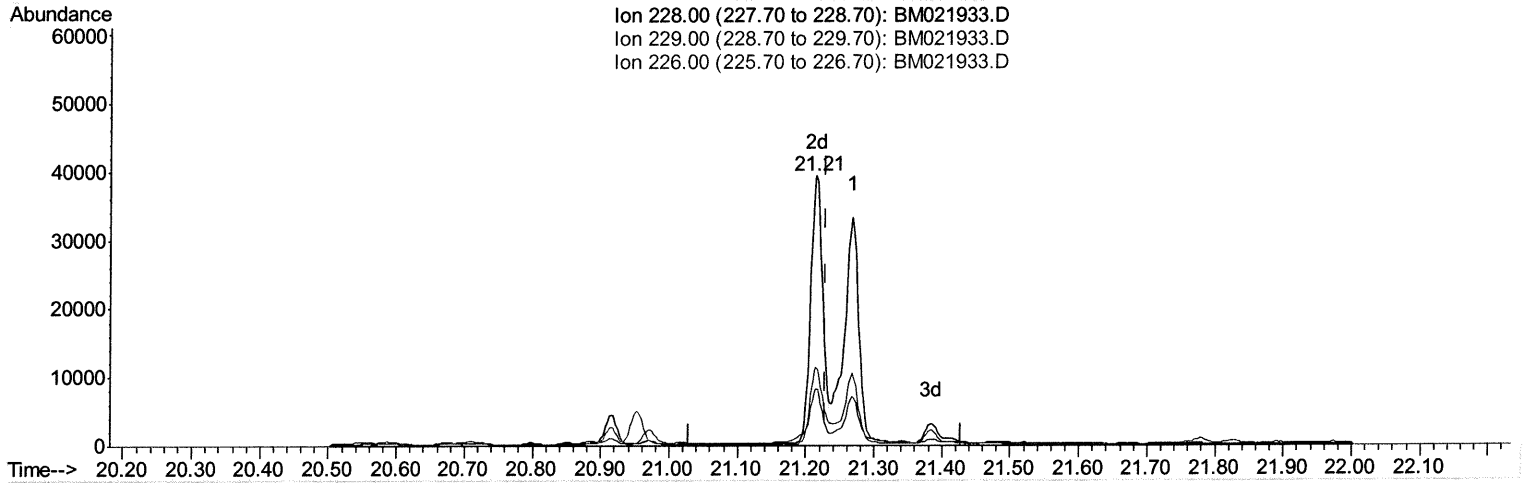
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.214min (-0.015) 3.10ng/ul m *JU 08/09/19*

response 48242

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.00
226.00	28.30	29.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

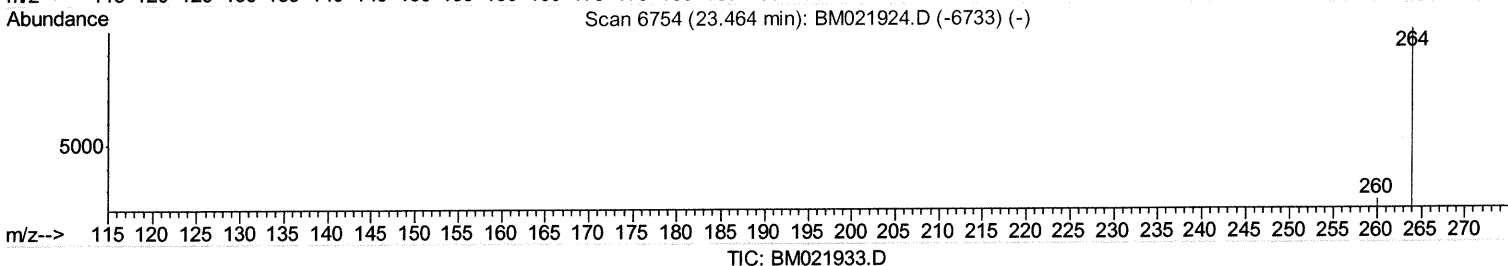
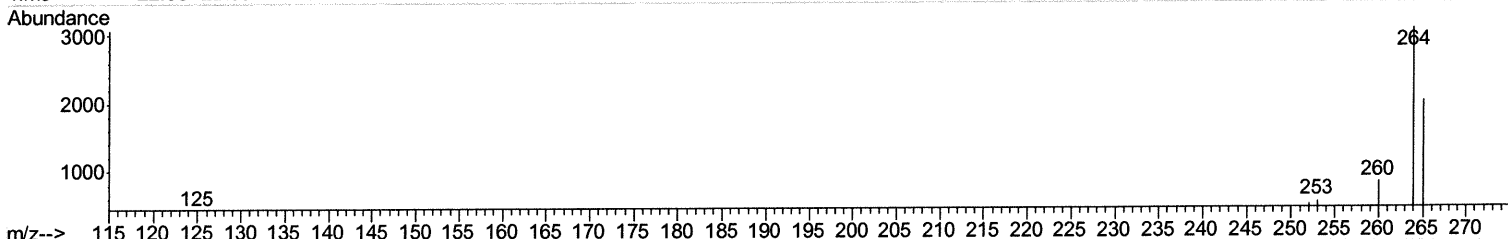
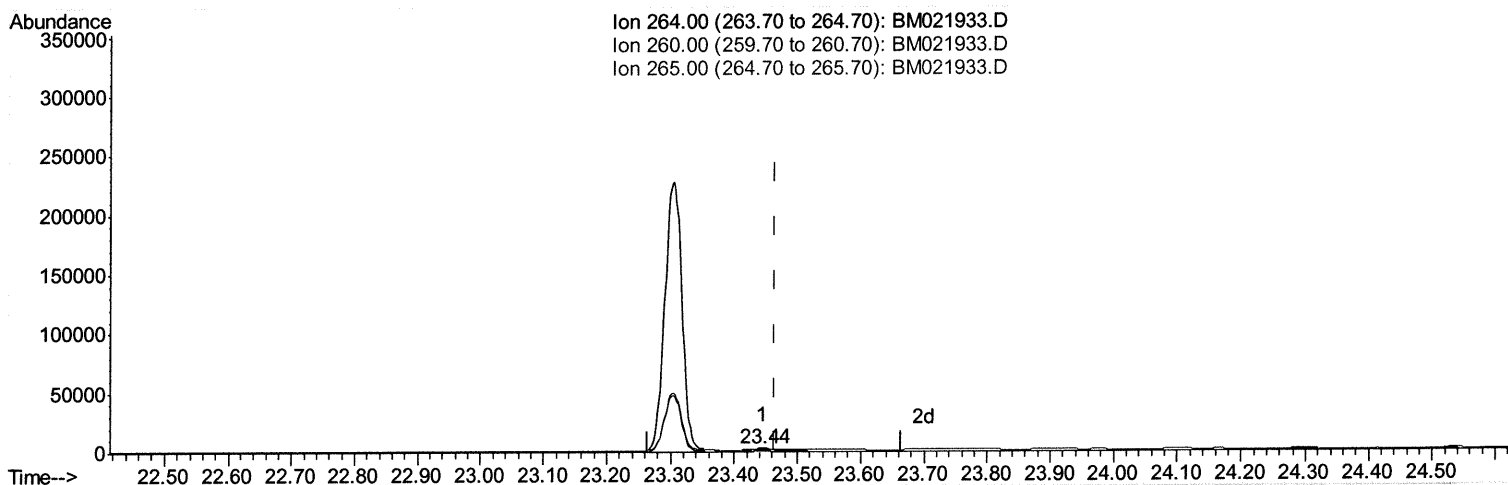
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.445min (-0.019) 0.40ng/ul

response 7549

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.82
265.00	117.00	65.52#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

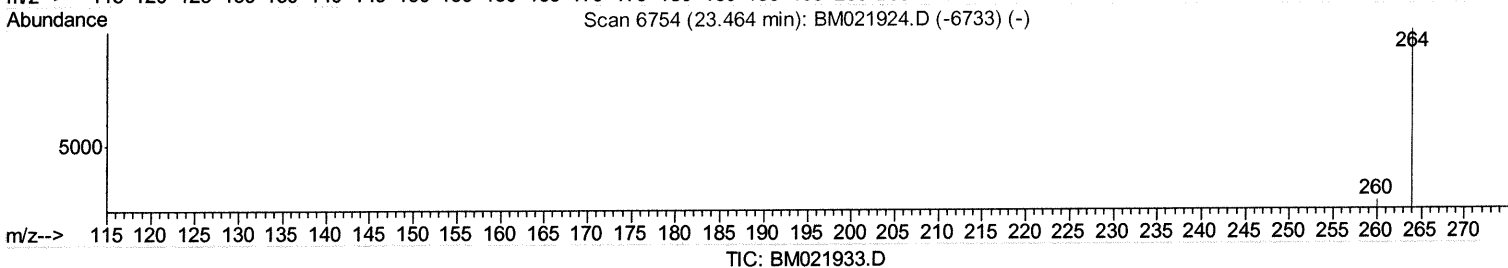
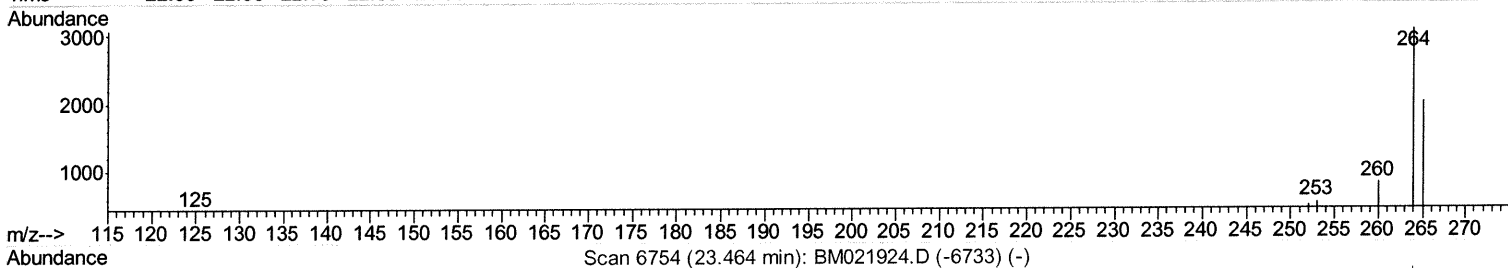
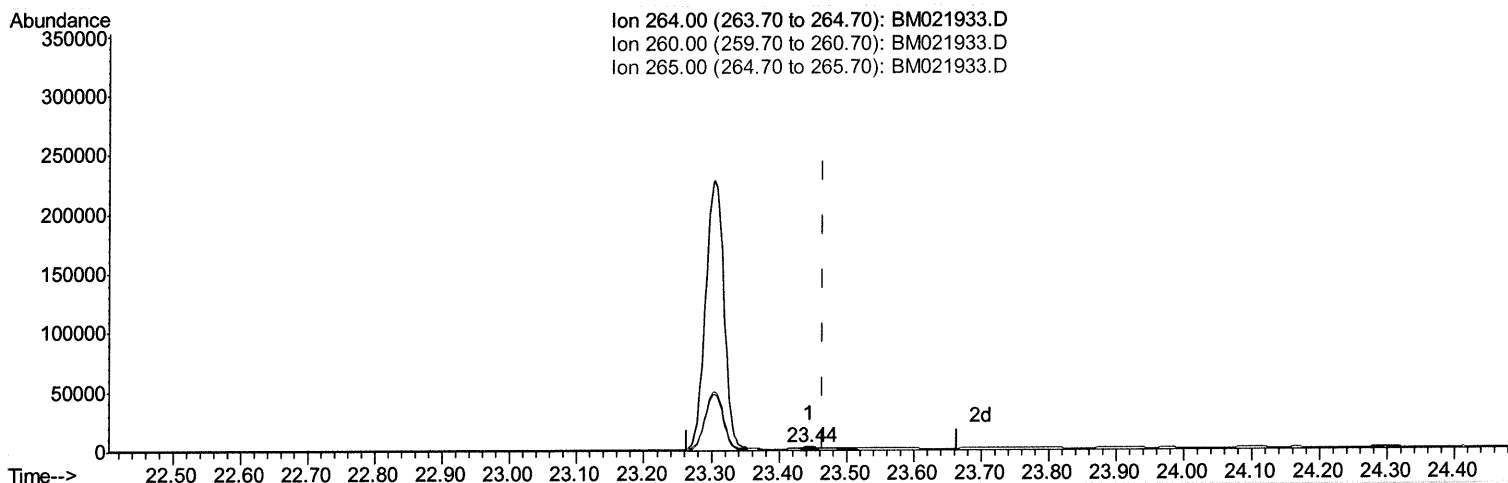
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.445min (-0.019) 0.40ng/ul m

JU
08/09/19

response 4279

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.82
265.00	117.00	65.52#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

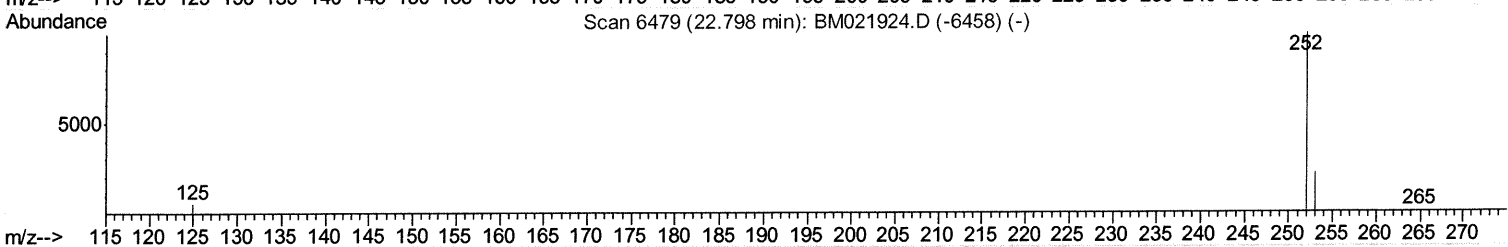
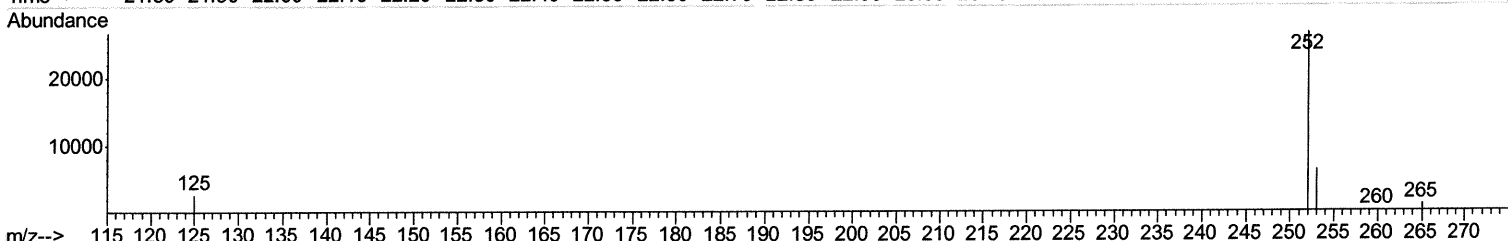
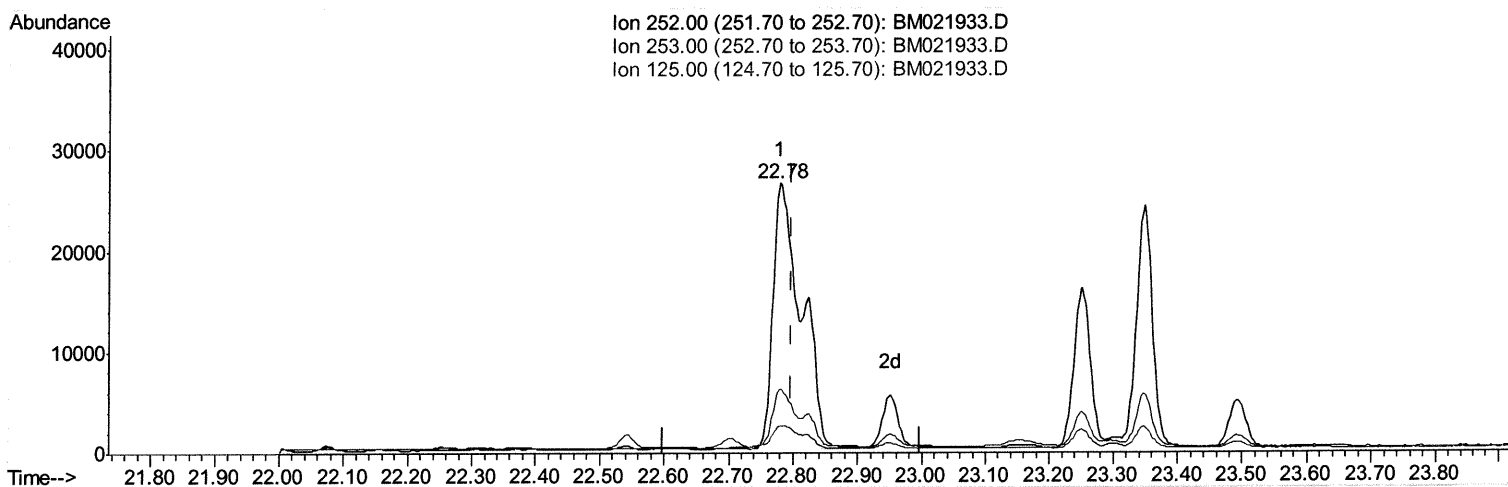
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:04:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021933.D

(21) Benzo(b)fluoranthene

22.779min (-0.019) 5.59ng/ul

response 80632

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.74
125.00	15.50	10.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

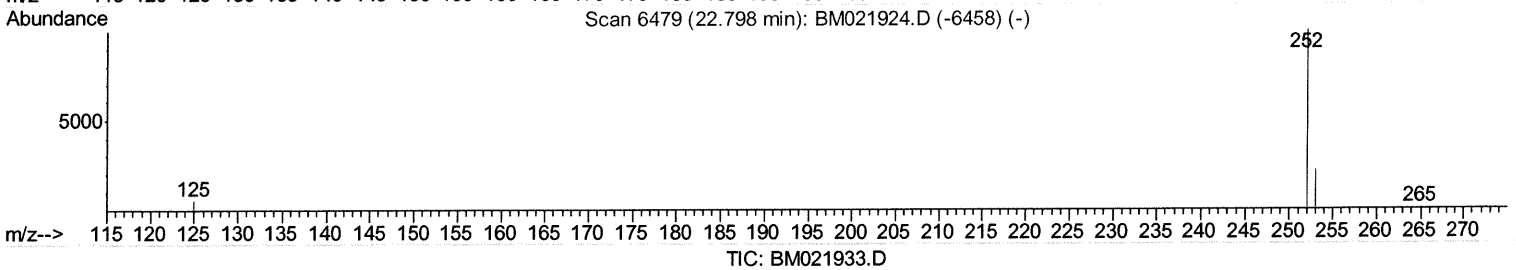
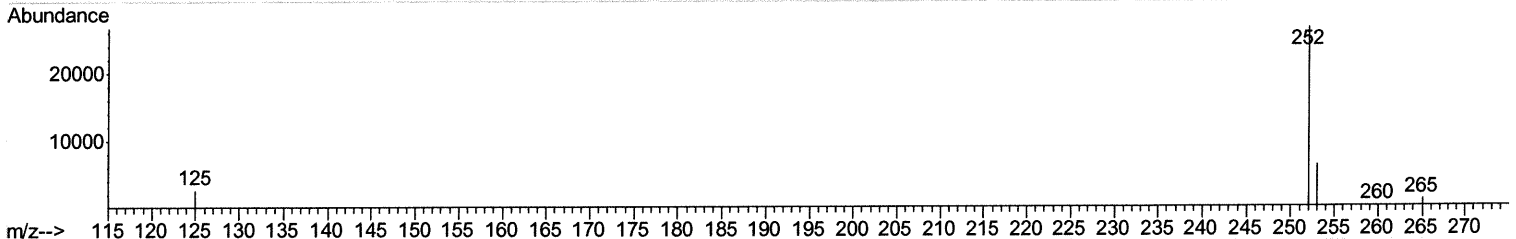
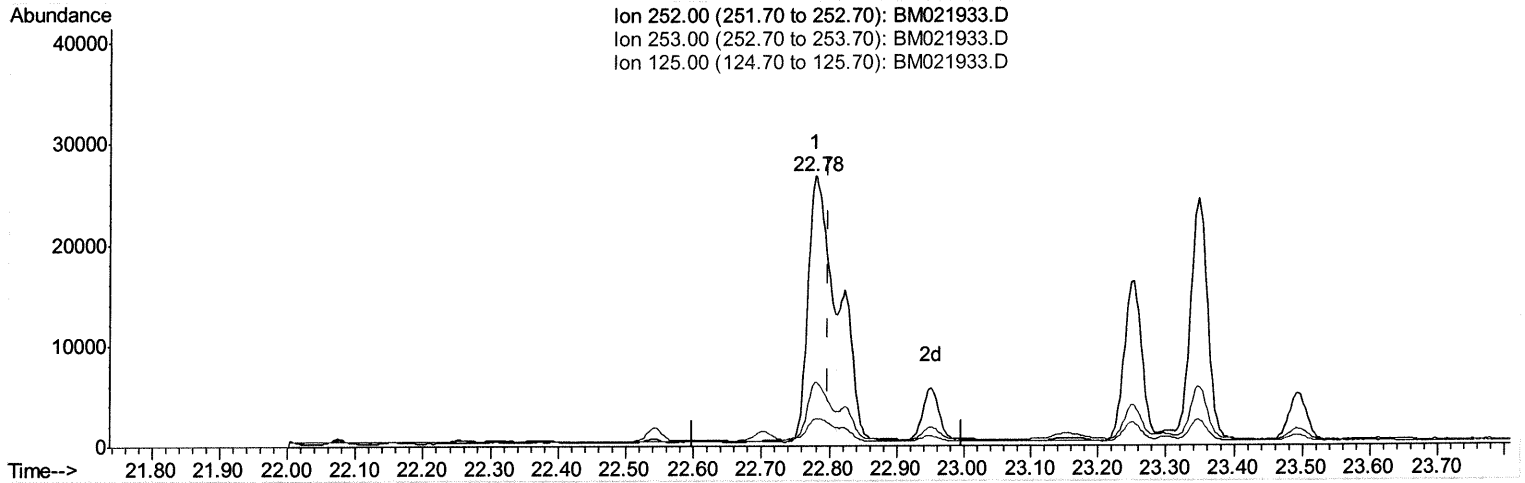
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:04:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.779min (-0.019) 4.03ng/ul m

response 58167

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.74
125.00	15.50	10.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

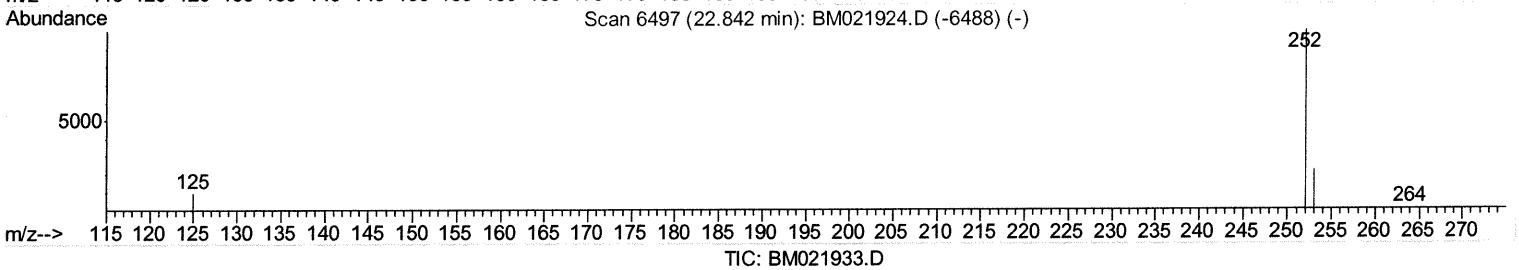
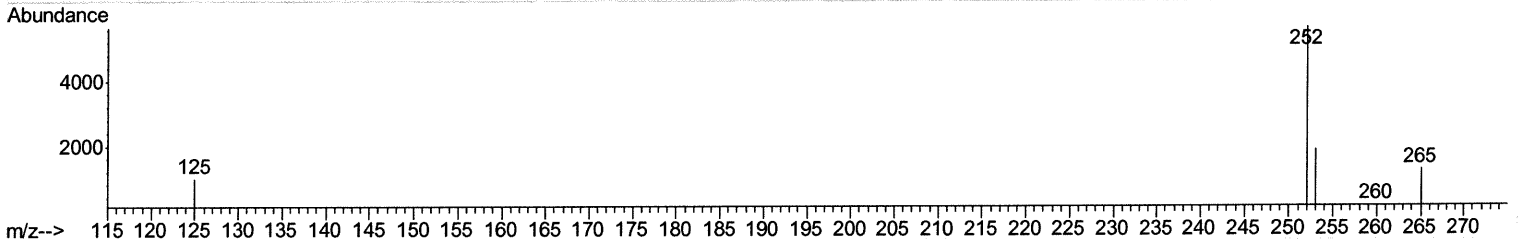
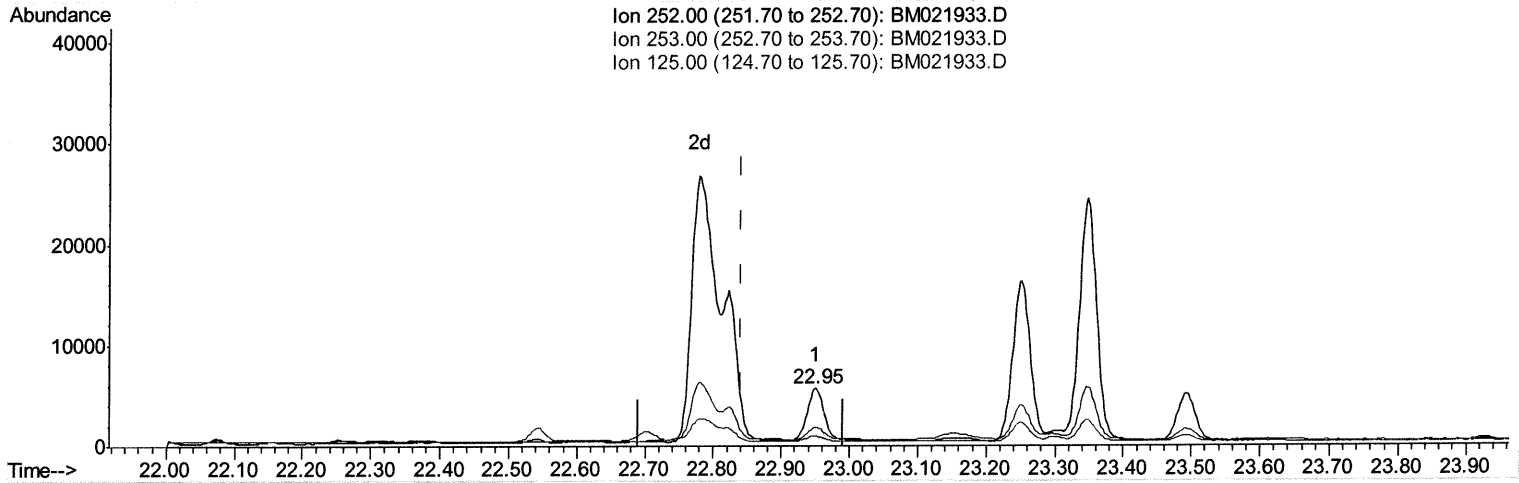
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:04:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
22.951min (+0.109) 0.46ng/ul
response 7474

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.92
125.00	15.20	17.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

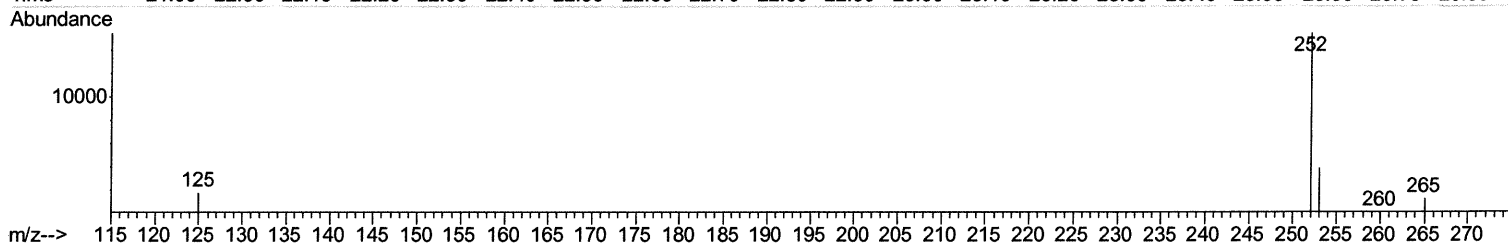
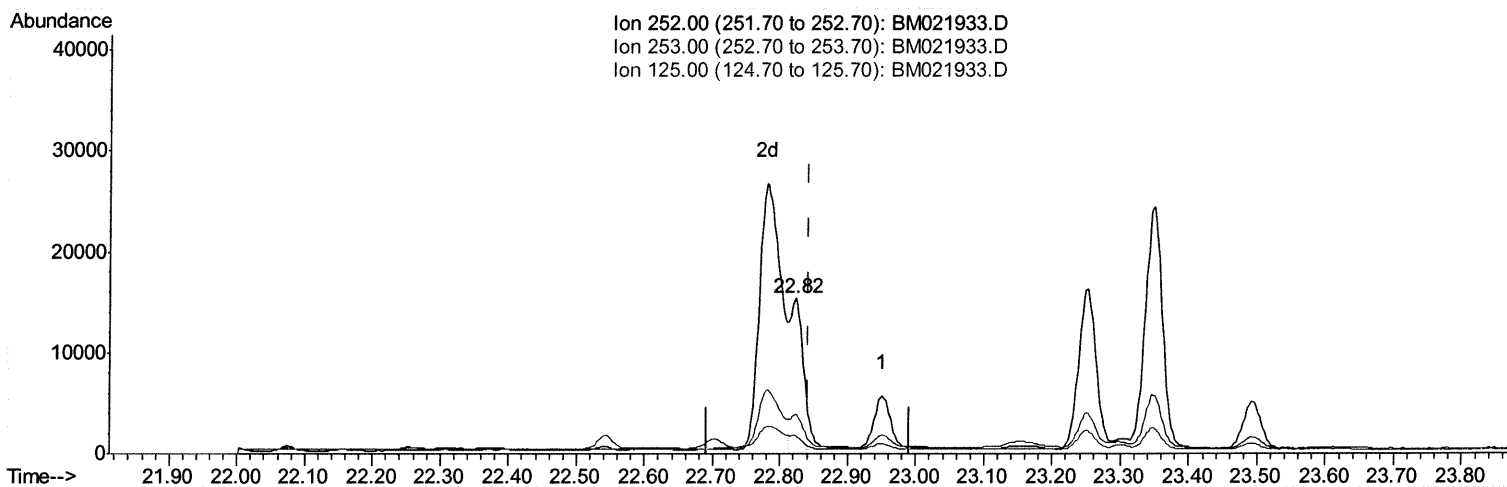
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

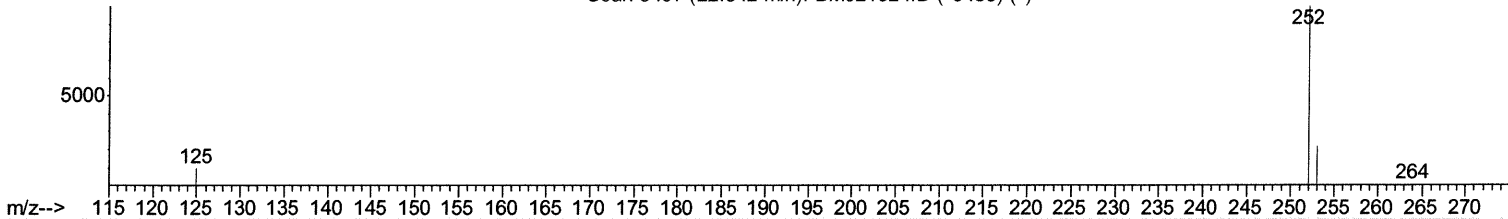
Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:04:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



Scan 6497 (22.842 min): BM021924.D (-6488) (-)



TIC: BM021933.D

(22) Benzo(k)fluoranthene

22.822min (-0.019) 1.26ng/ul m

JU 08/09/19

response 20499

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.50#
125.00	15.20	11.83#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:05:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	743	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3167	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1805	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4384m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4350m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4279m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1638	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	4866m	0.33	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	935	0.105	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	482	0.081	ng/ul	99
7) Acenaphthylene	14.00	152	3865	0.459	ng/ul#	83
8) Acenaphthene	14.34	153	1106	0.161	ng/ul	96
9) Fluorene	15.33	166	1704	0.223	ng/ul	99
12) Phenanthrene	17.07	178	35333m	2.770	ng/ul	99
13) Anthracene	17.16	178	8869m	0.815	ng/ul	99
15) Fluoranthene	19.09	202	81663m	4.779	ng/ul	99
17) Pyrene	19.46	202	81295	4.548	ng/ul	99
18) Benzo(a)anthracene	21.21	228	48242m	3.100	ng/ul	99
19) Chrysene	21.27	228	50983	2.548	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	58167m	4.031	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	20499m	1.255	ng/ul	99
23) Benzo(a)pyrene	23.35	252	42109	2.870	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.66	276	26560	1.516	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.66	278	7778	0.549	ng/ul	97
26) Benzo(g,h,i)perylene	26.34	276	21598	1.369	ng/ul	98

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