

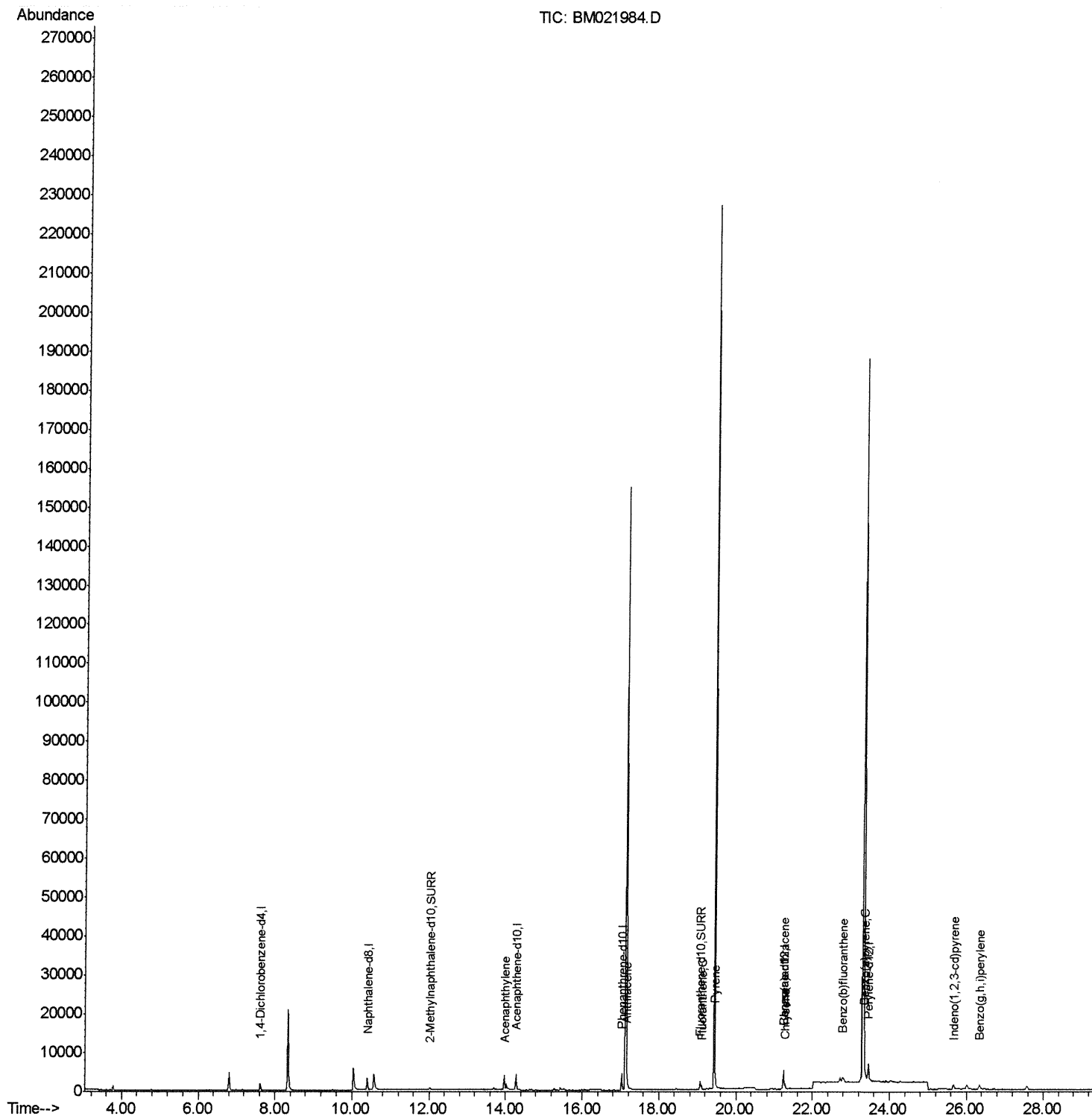
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021984.D
Acq On : 10 Aug 2019 00:08
Operator : HP/JU
Sample : K4116-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLD1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:34:39 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 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

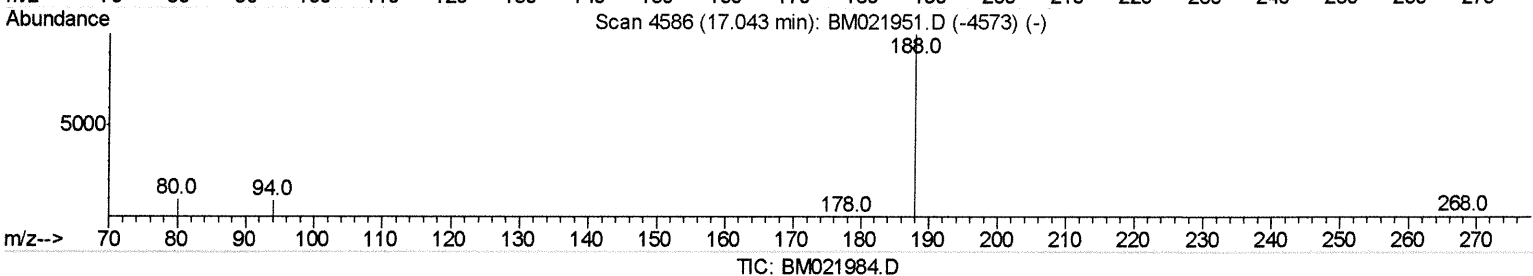
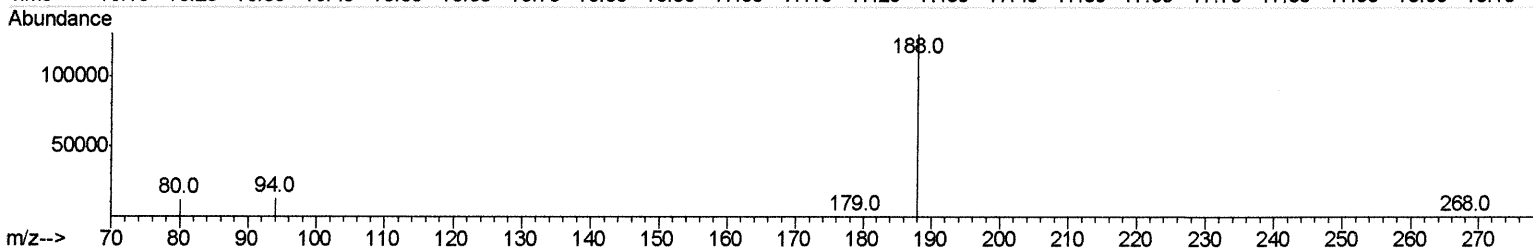
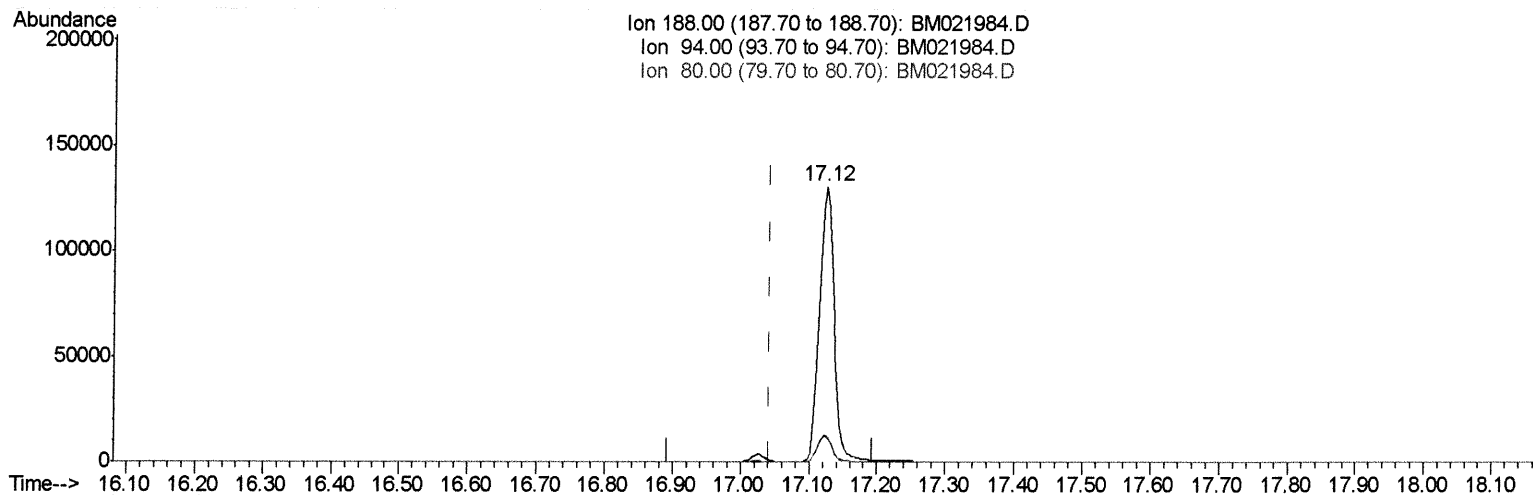
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 05:24:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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TIC: BM021984.D

(10) Phenanthrene-d10 (I)
 17.124min (+0.080) 0.40ng/ul
 response 189501

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.68
80.00	11.40	9.20
0.00	0.00	0.00

Quantitation Report (Qedit)

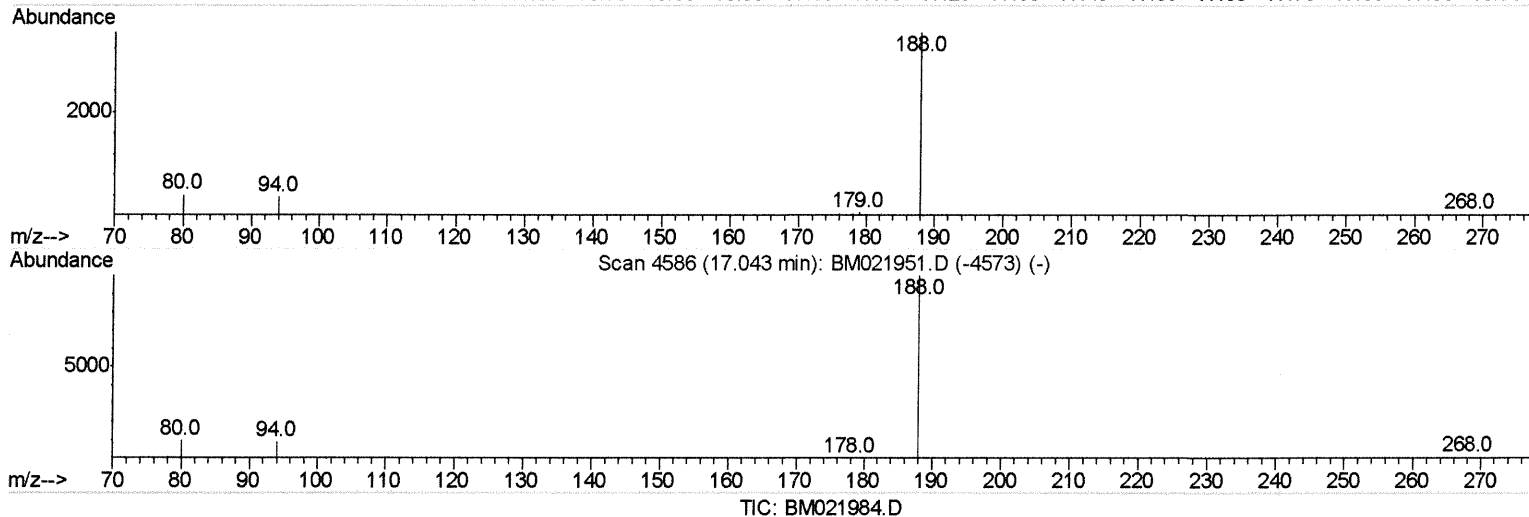
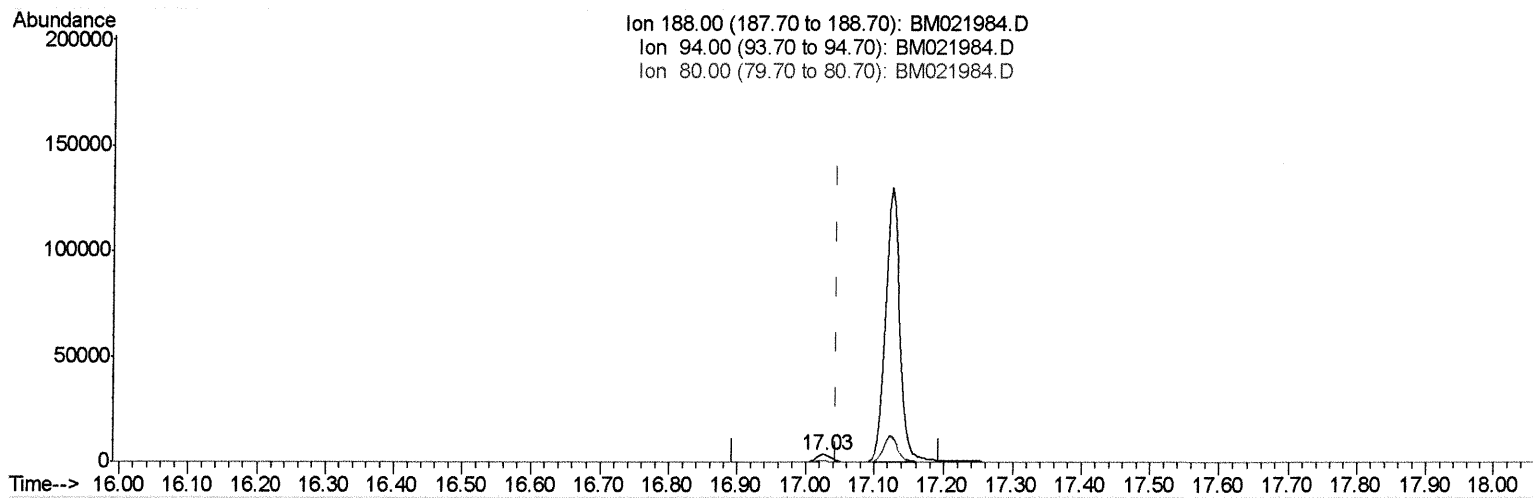
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021984.D
Acq On : 10 Aug 2019 00:08
Operator : HP/JU
Sample : K4116-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:10 AM

Quant Time: Aug 10 05:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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(10) Phenanthrene-d10 (I)

17.027min (-0.017) 0.40ng/ul m

JU
08/12/19

response 4929

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.73
80.00	11.40	11.70
0.00	0.00	0.00

Quantitation Report (Qedit)

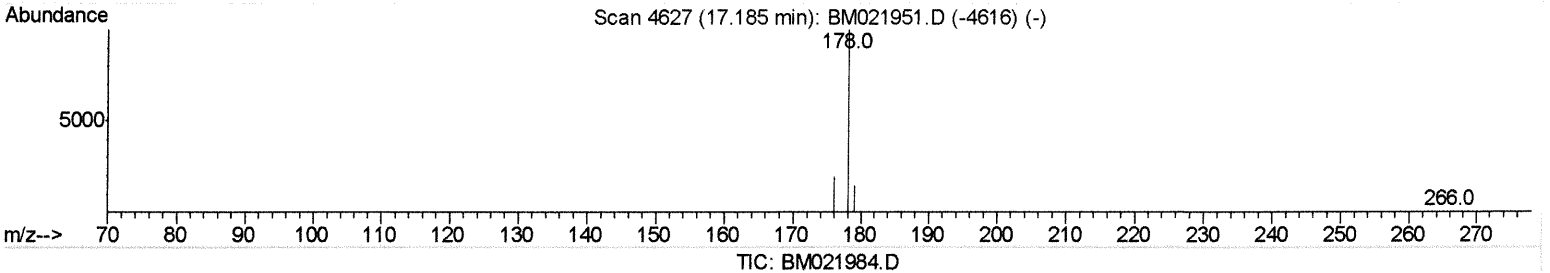
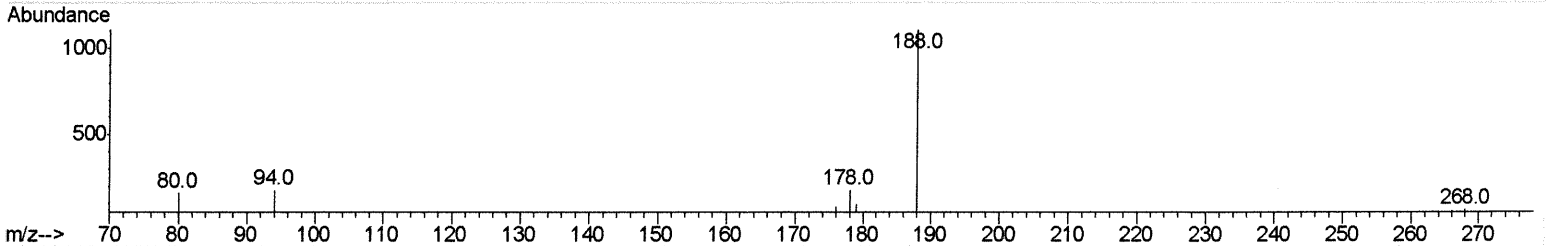
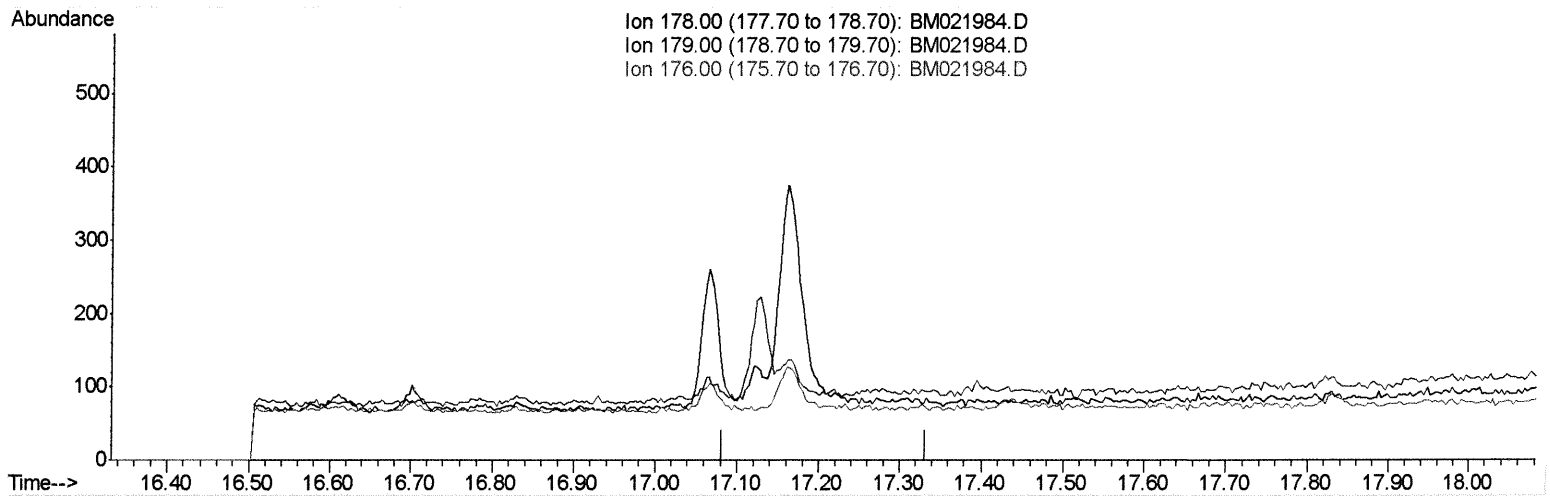
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:31:28 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 01:29:50 2019
 Response via : Initial Calibration



(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

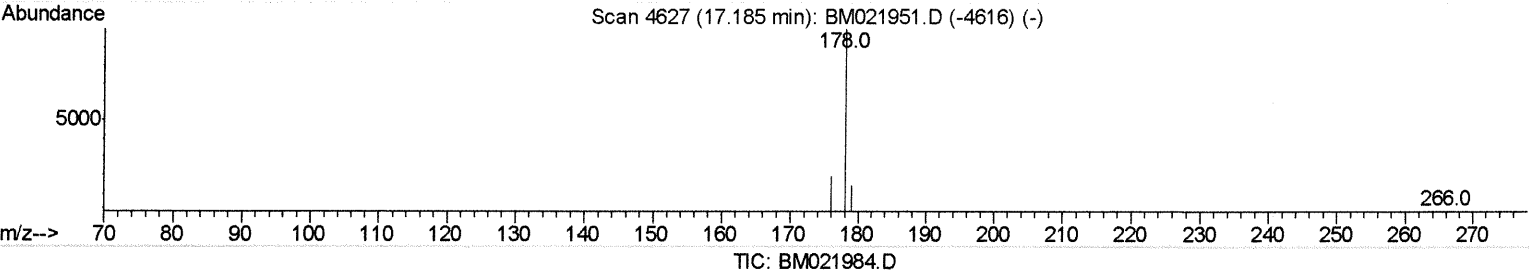
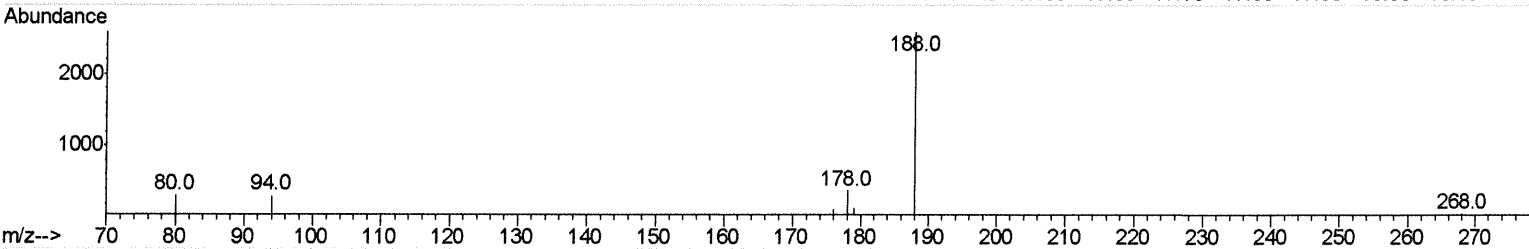
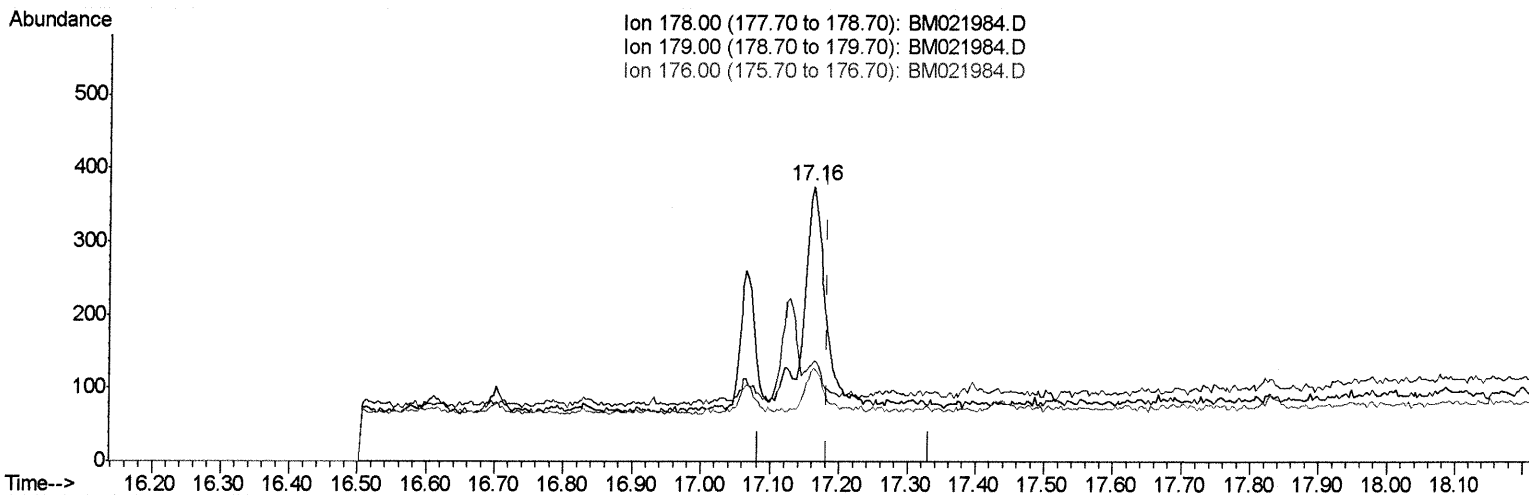
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
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Manual Integrations
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(13) Anthracene

17.162min (-0.021) 0.04ng/ul m

JU
 08/12/19

response 523

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	36.27#
176.00	20.80	34.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

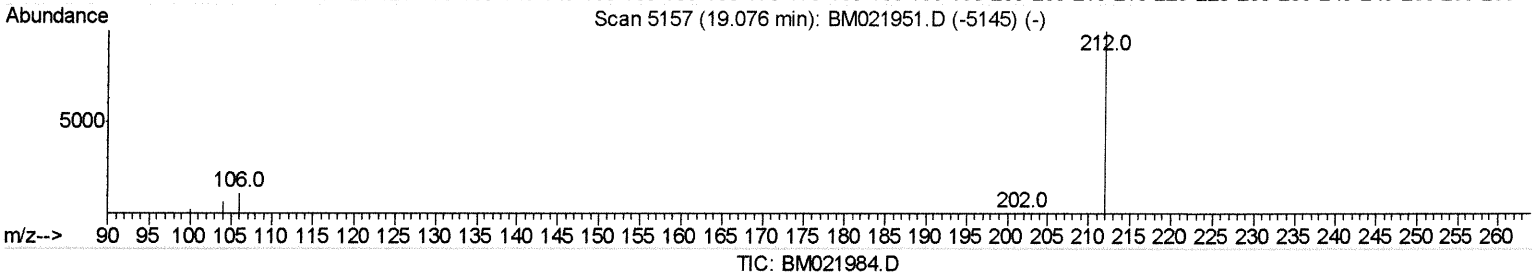
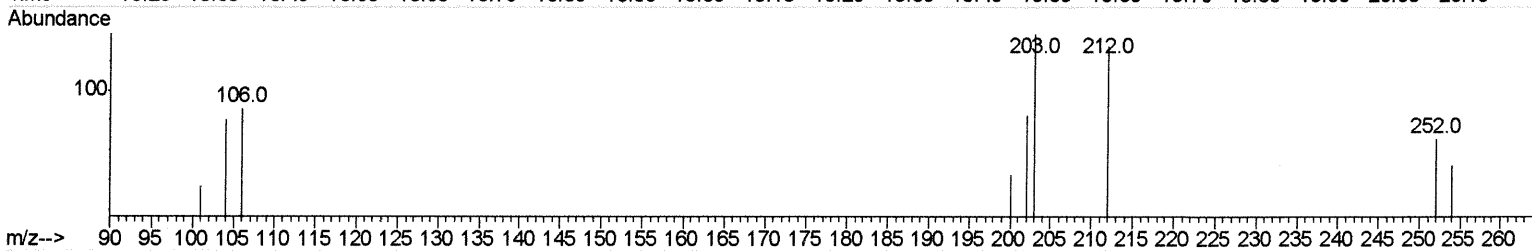
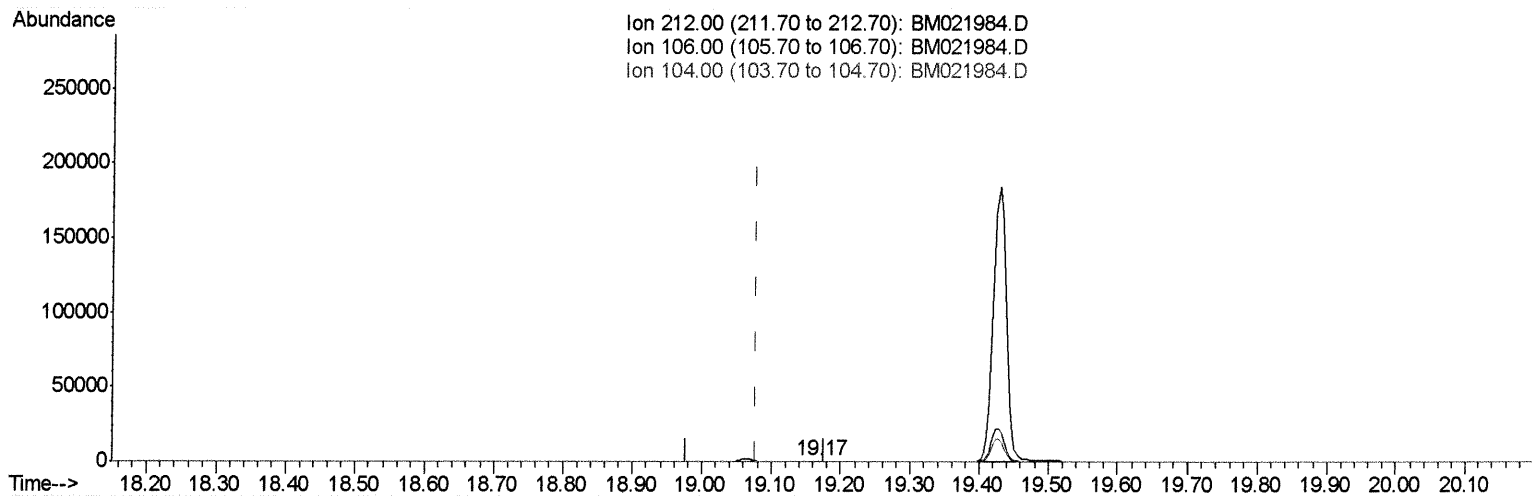
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.169min (+0.092) 0.00ng/ui

response 62

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	12.90#
104.00	6.00	8.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

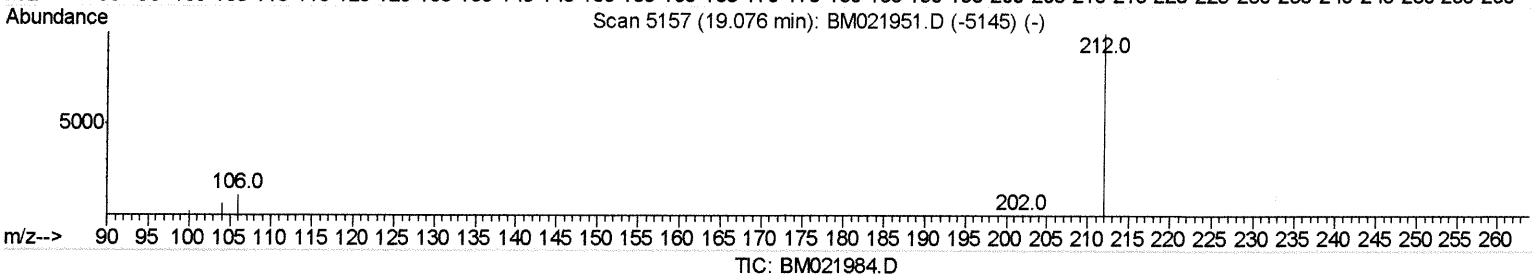
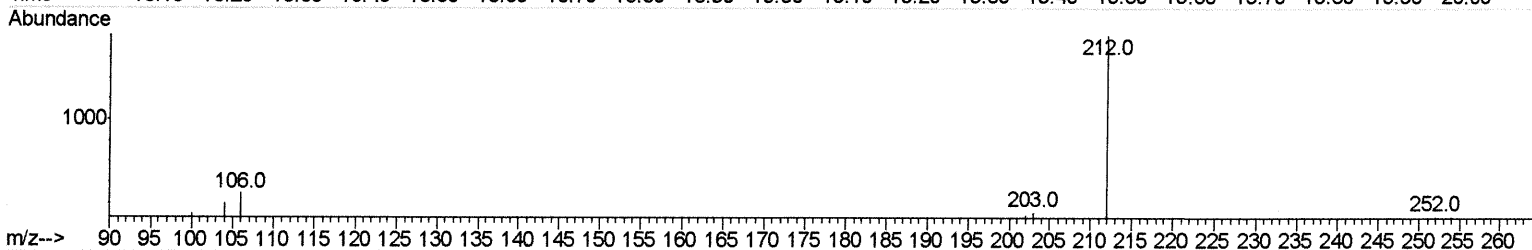
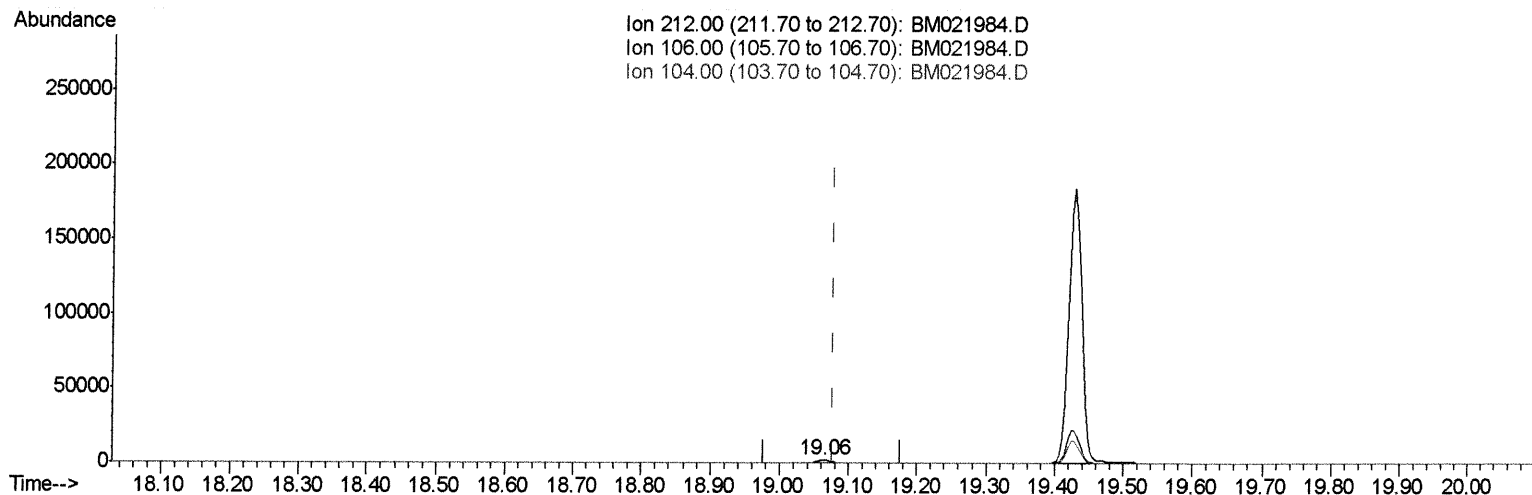
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:31:28 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 01:29:50 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.062min (-0.015) 0.15ng/ul m

JU
08/12/19

response 2512

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.32#
104.00	6.00	0.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

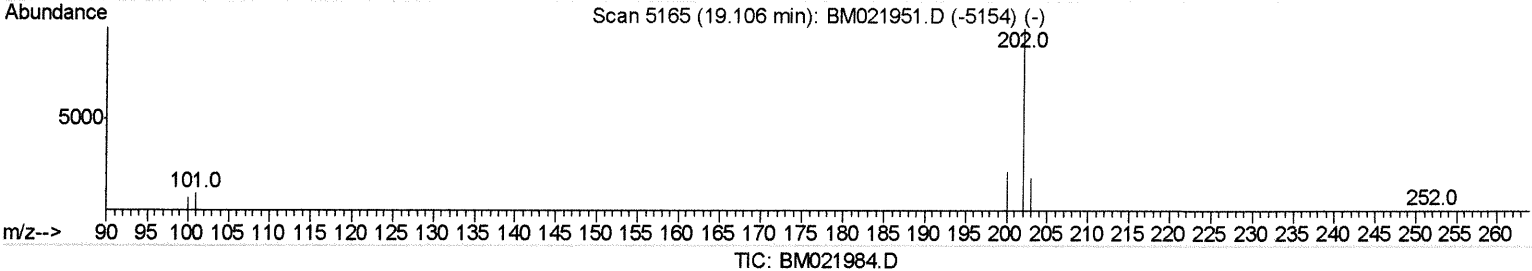
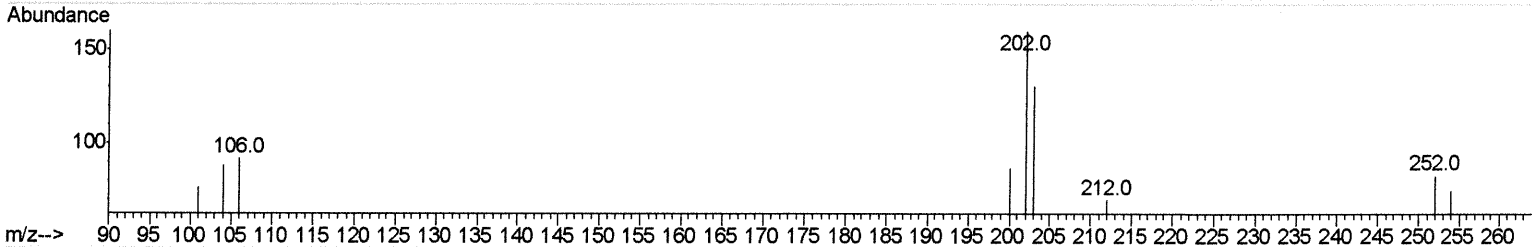
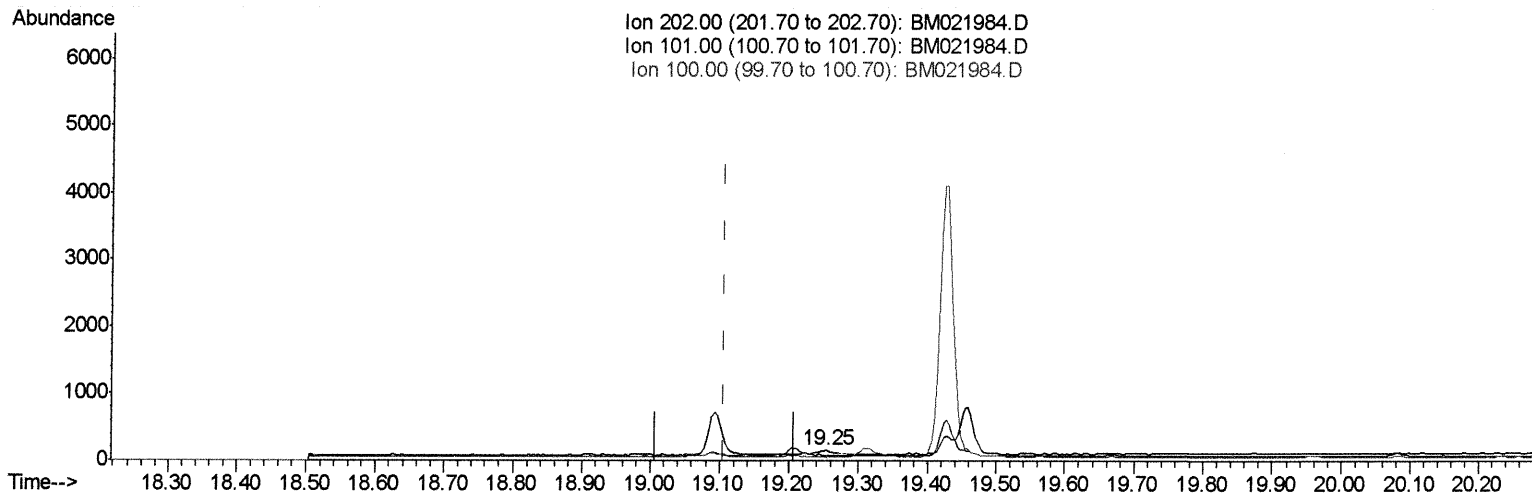
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:31:28 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 01:29:50 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.253min (+0.145) 0.01ng/ul

response 107

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	48.13#
100.00	8.10	39.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

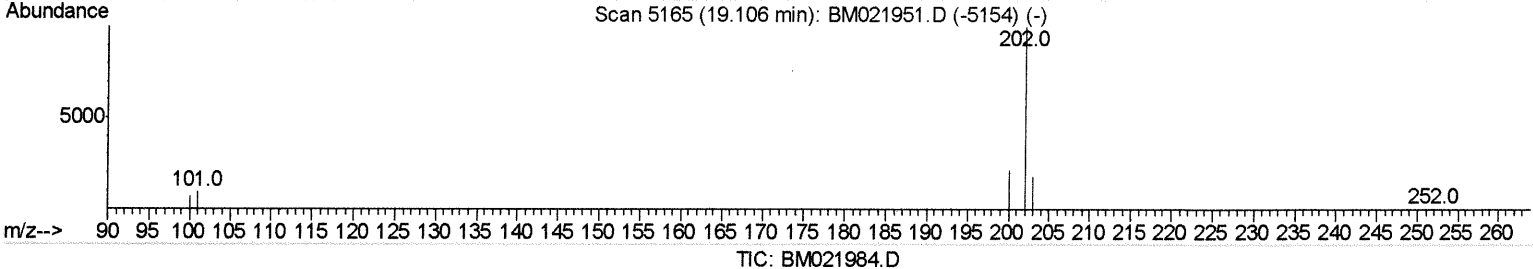
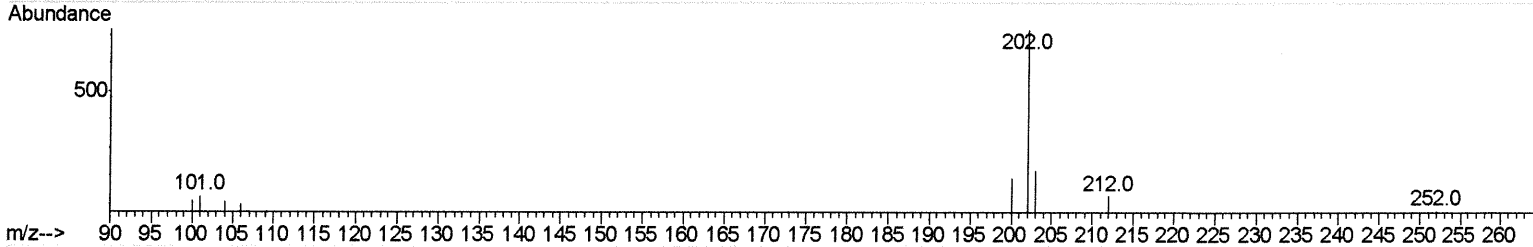
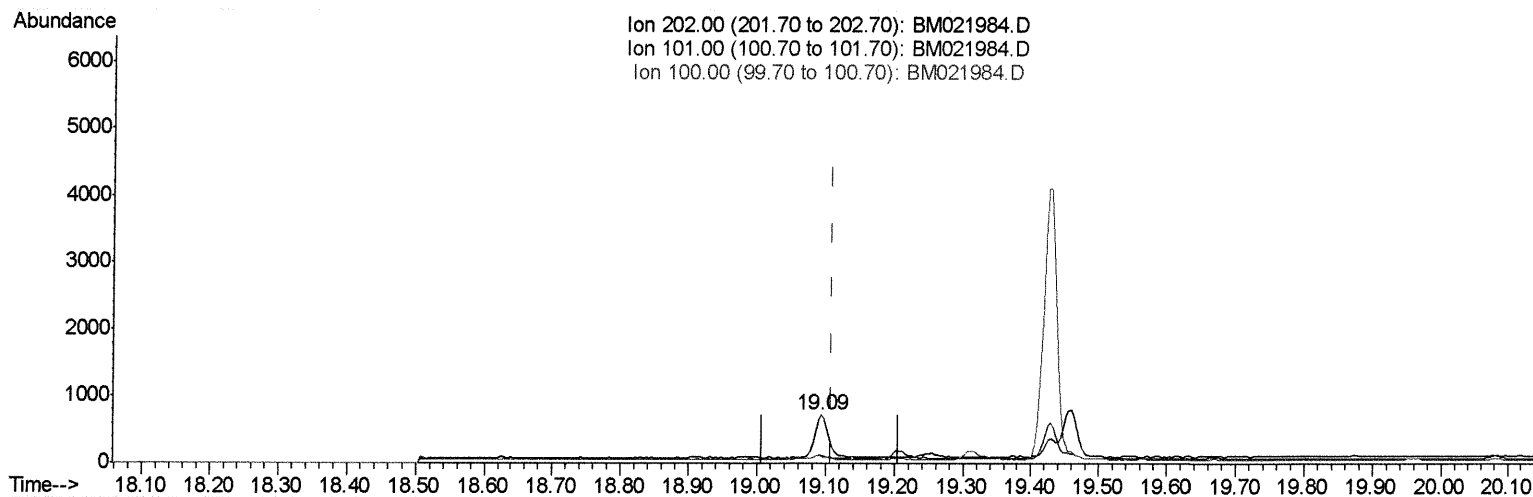
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD1

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:31:28 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 01:29:50 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.093min (-0.015) 0.05ng/ul m *JU 08/12/19*

response 907

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	17.73
100.00	8.10	15.37
0.00	0.00	0.00

Quantitation Report (Qedit)

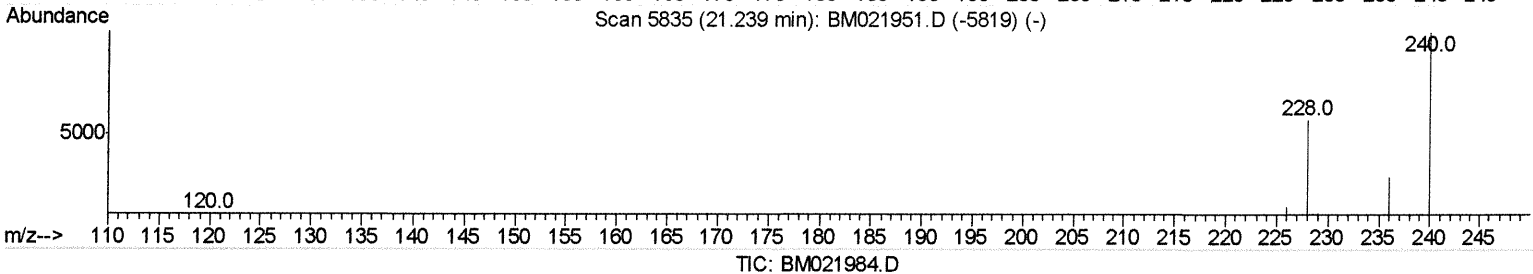
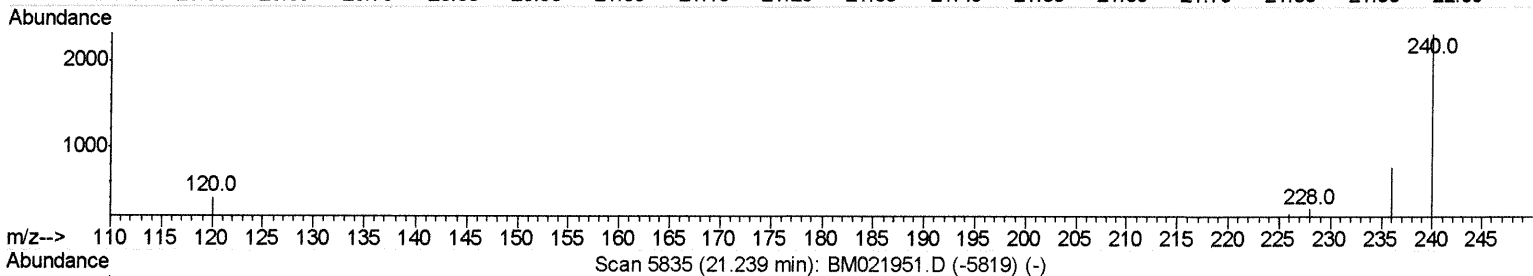
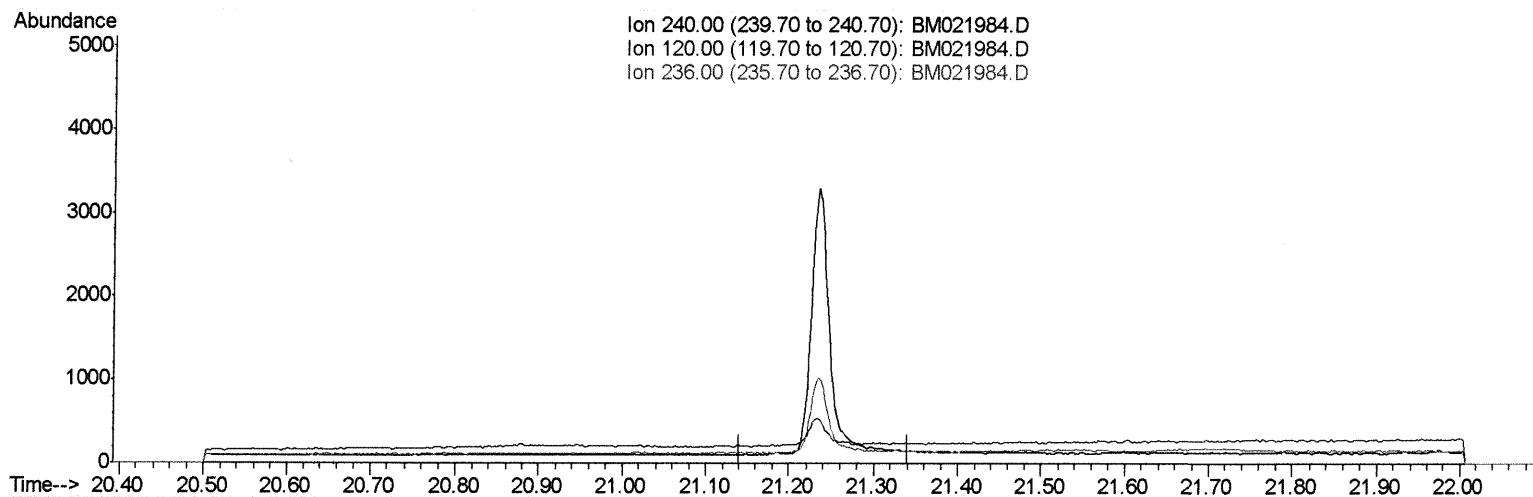
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

Quant Time: Aug 10 07:31:28 2019
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(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

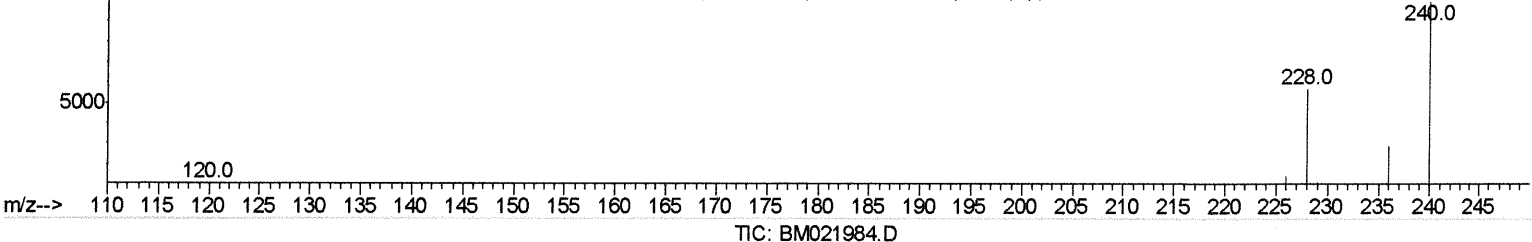
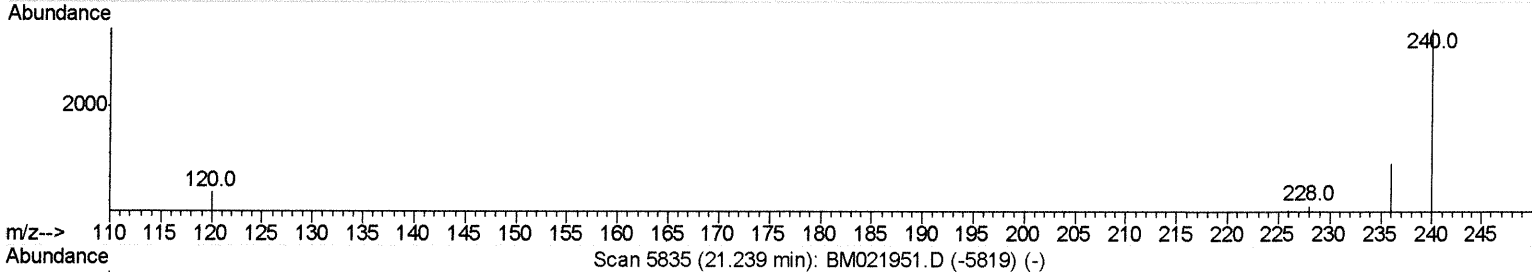
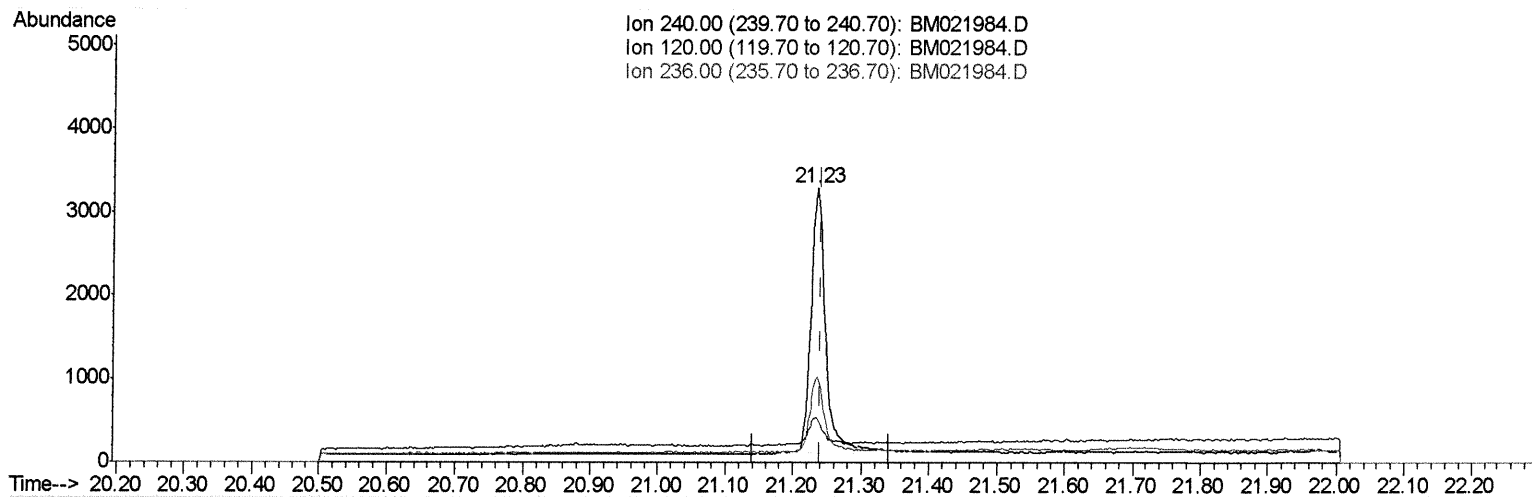
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.234min (-0.007) 0.40ng/ul m *JU* 08/12/19

response 4687

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.51
236.00	32.30	31.42
0.00	0.00	0.00

Quantitation Report (Qedit)

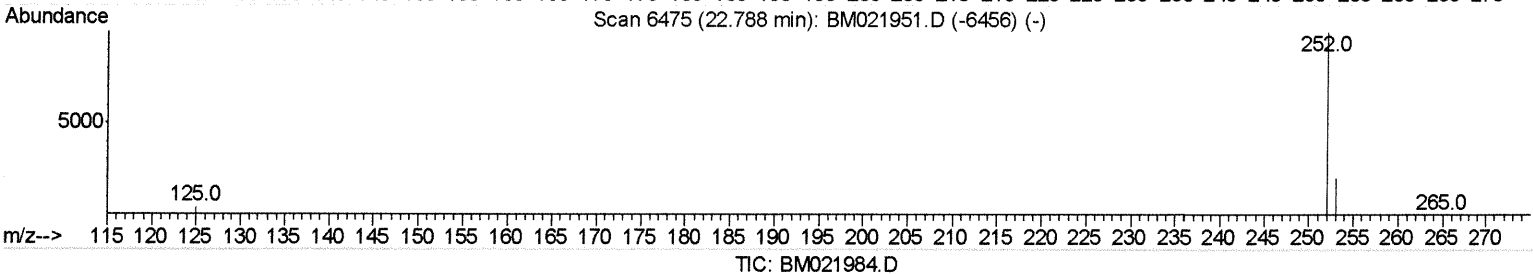
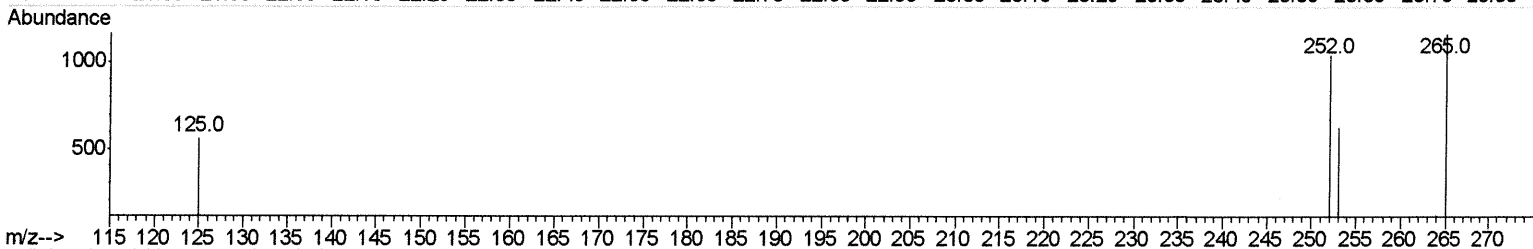
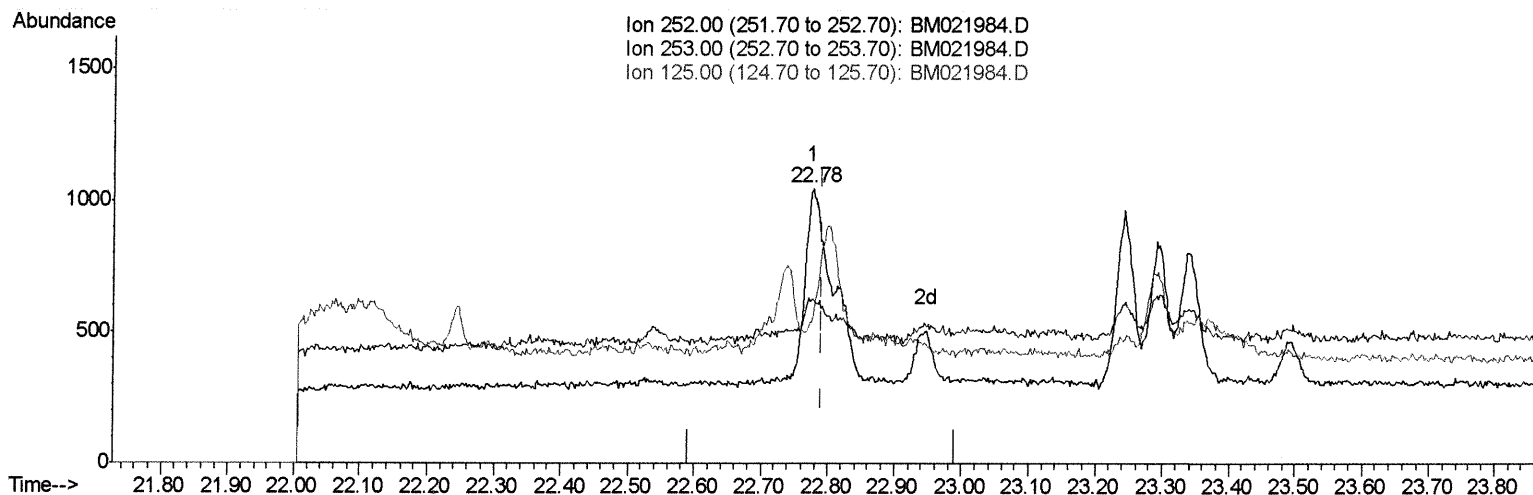
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:10 AM

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(21) Benzo(b)fluoranthene

22.776min (-0.014) 0.09ng/ui

response 2123

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	60.13
125.00	15.50	53.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

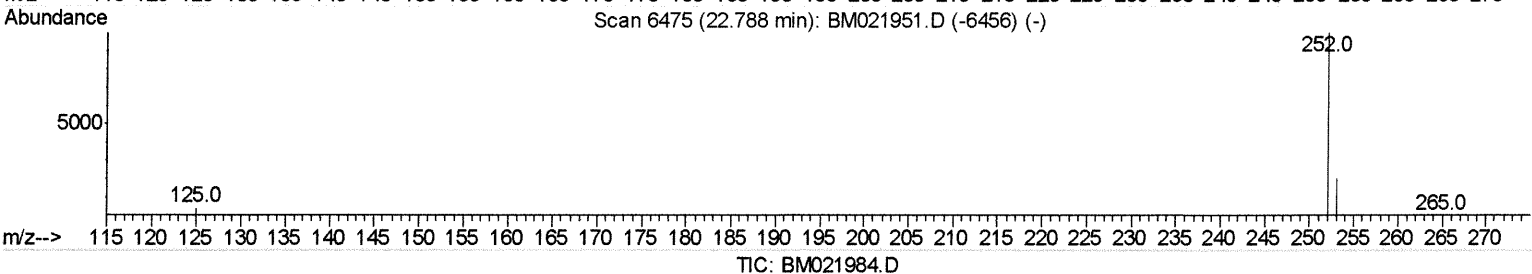
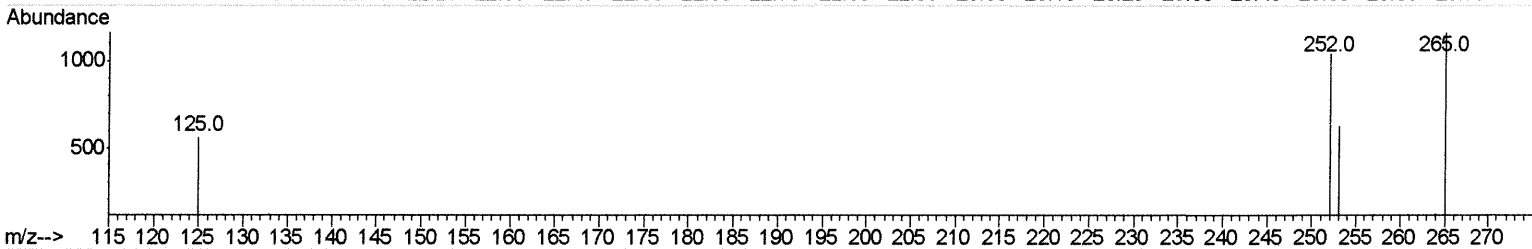
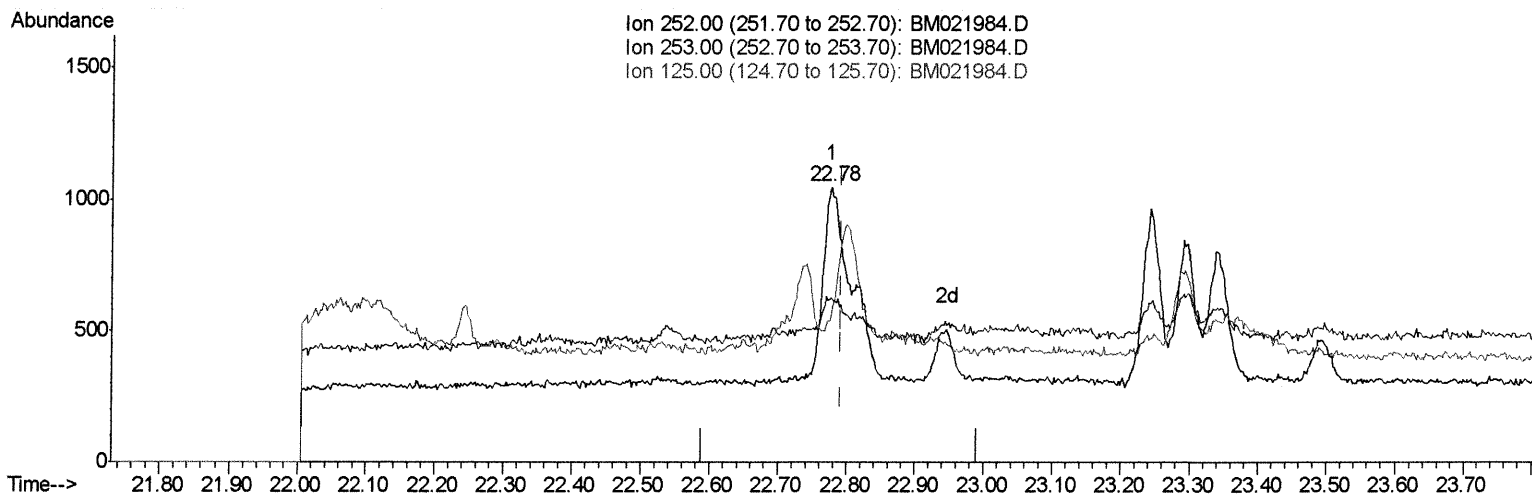
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
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(21) Benzo(b)fluoranthene

22.776min (-0.014) 0.07ng/ul m

JU
 08/12/19

response 1632

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	60.13
125.00	15.50	53.82#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
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 8/13/2019 8:36:10 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	940	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	4065	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2223	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4929m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4687m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7079	0.40	ng/ul	-0.01

JU 08/12/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	958	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2512m	0.15	ng/ul	-0.02

JU 08/12/19

Target Compounds

					Ovalue	
7) Acenaphthylene	13.99	152	287	0.028	ng/ul#	60
13) Anthracene	17.16	178	523m	0.043	ng/ul	70
15) Fluoranthene	19.09	202	907m	0.047	ng/ul	71
17) Pyrene	19.46	202	1059	0.055	ng/ul#	71
18) Benzo(a)anthracene	21.22	228	623	0.037	ng/ul#	48
19) Chrysene	21.27	228	1014	0.047	ng/ul#	70
21) Benzo(b)fluoranthene	22.78	252	1632m	0.068	ng/ul	70
23) Benzo(a)pyrene	23.34	252	917	0.038	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	25.66	276	1616	0.056	ng/ul#	90
26) Benzo(g,h,i)perylene	26.34	276	2241	0.086	ng/ul#	80

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