

Quantitation Report (QT Reviewed)

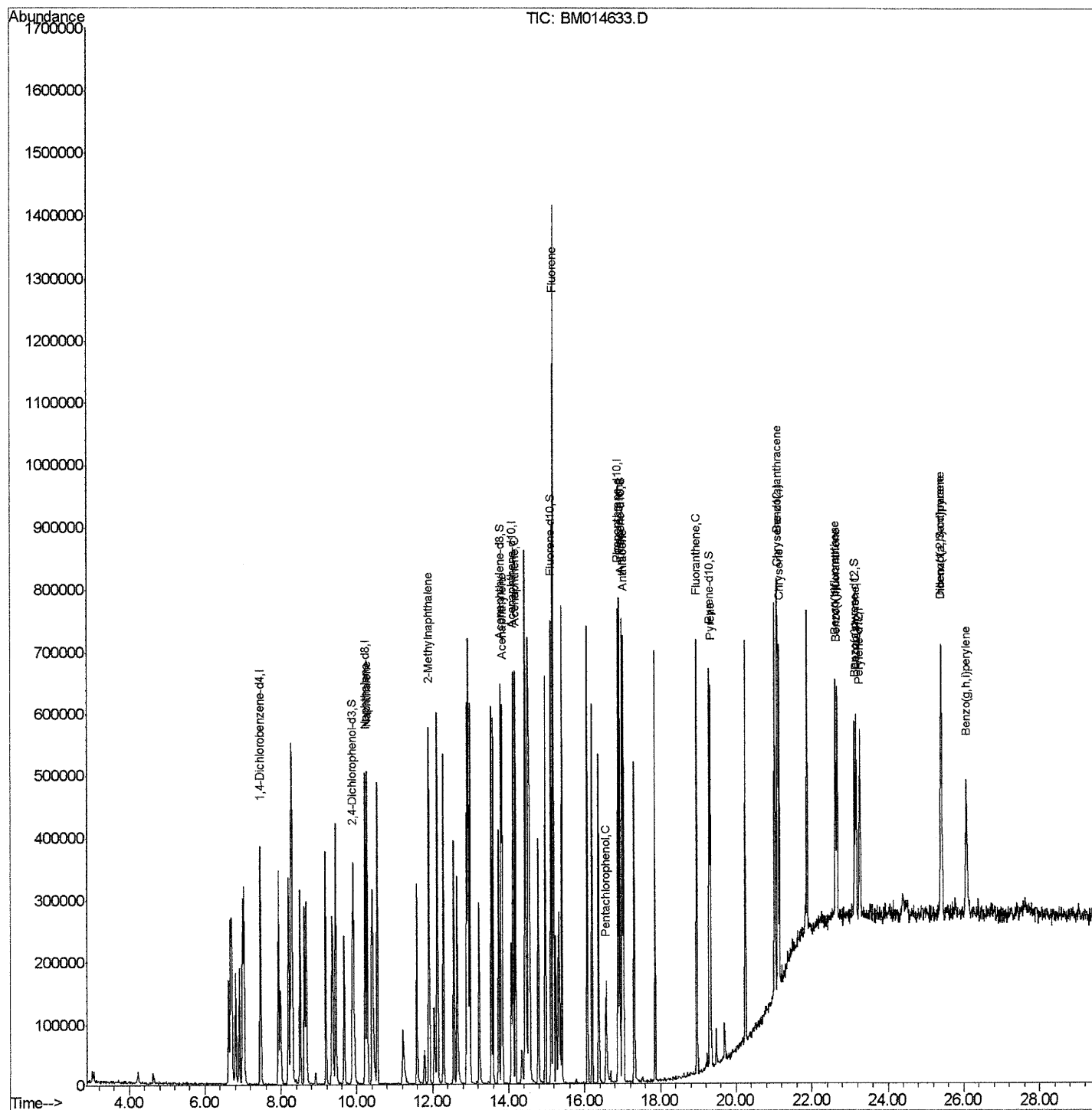
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
 Data File : BM014633.D
 Acq On : 21 Mar 2018 10:21
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02057

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:46:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 17 03:22:03 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

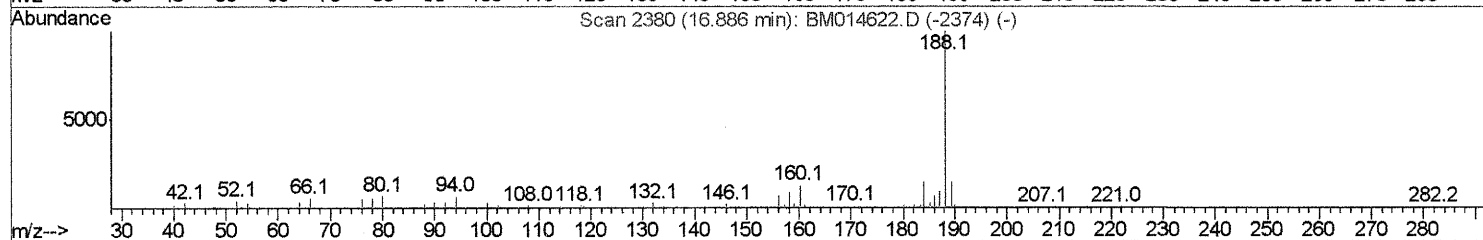
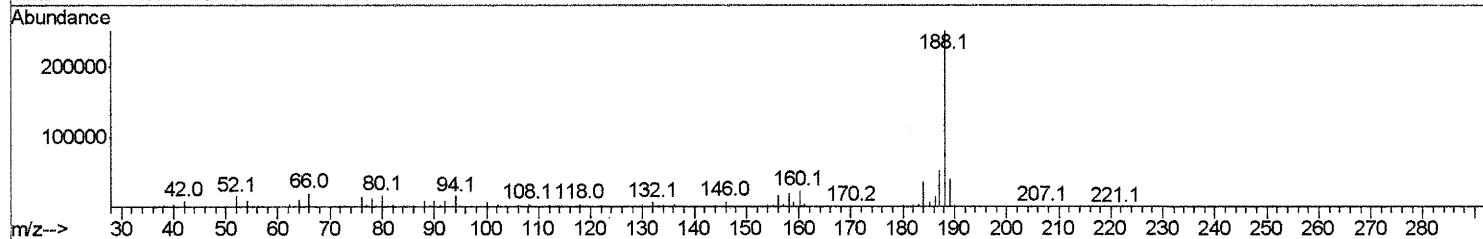
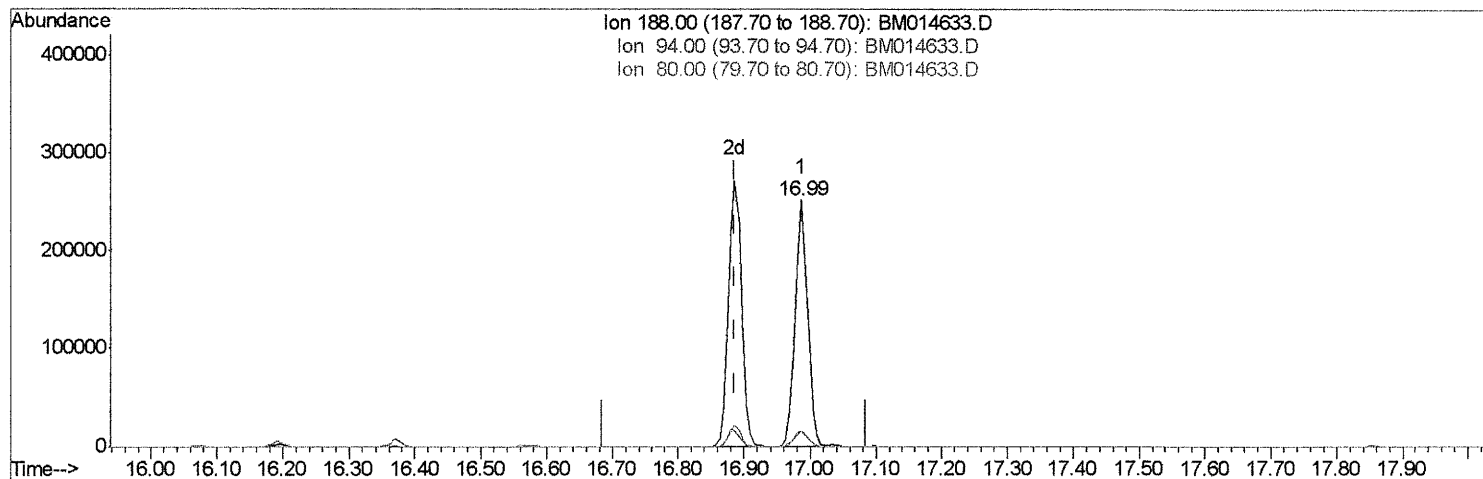
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

Sohil
3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



TIC: BM014633.D

(12) Phenanthrene-d10 (I)

16.986min (+0.100) 20.00ng/ul

response 325287

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	6.24
80.00	6.60	6.34
0.00	0.00	0.00

Quantitation Report (Qedit)

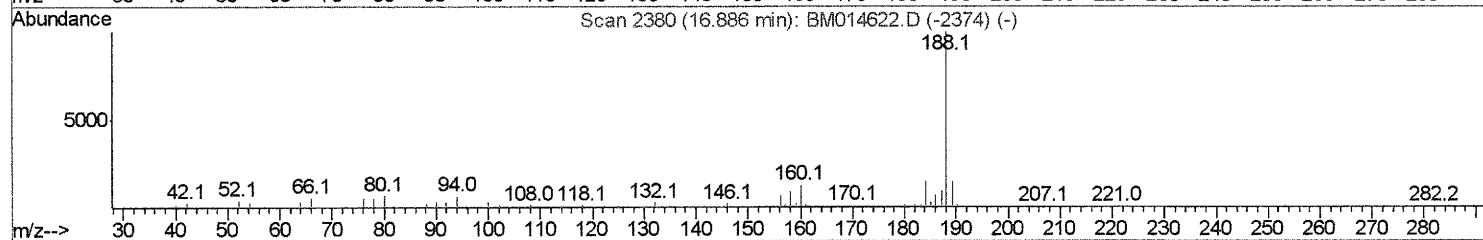
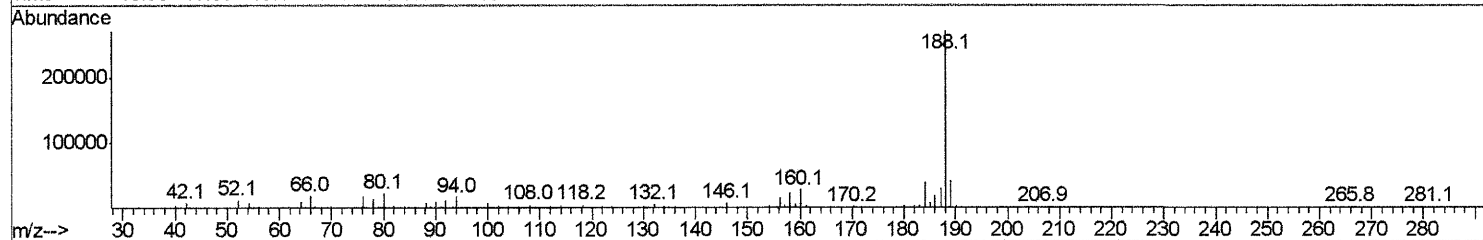
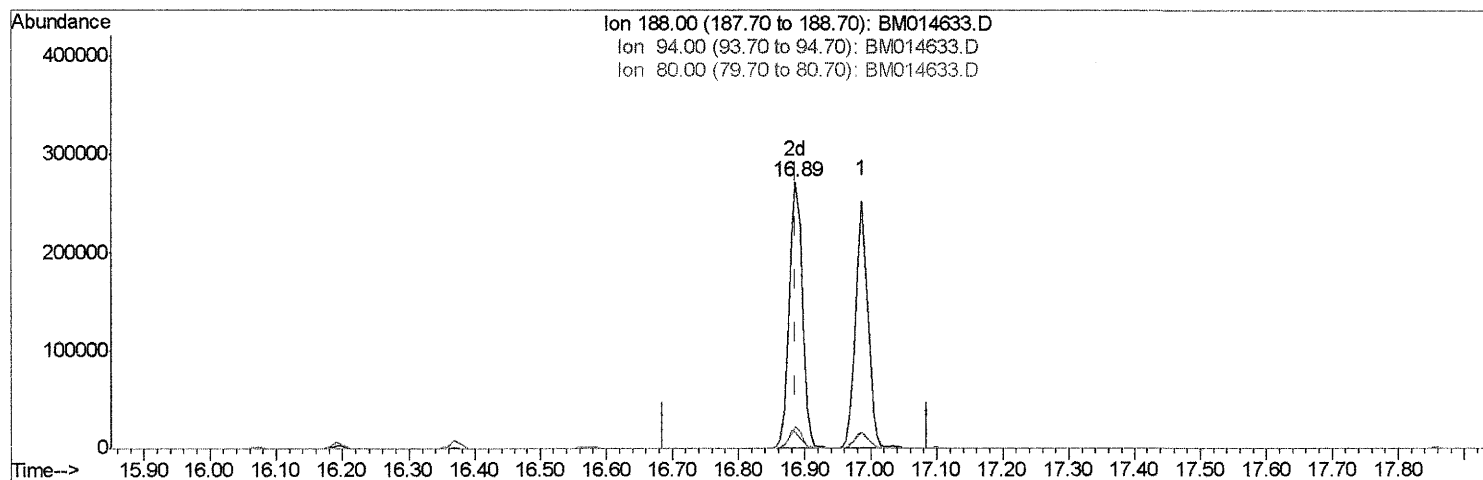
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampled :
SSTD02057

Manual Integrations
APPROVED

Sohil
3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



TIC: BM014633.D

(12) Phenanthrene-d10 (I)

16.886min (-0.000) 20.00ng/ul m

JU 3/26/18

response 376690

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	6.03
80.00	6.60	8.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

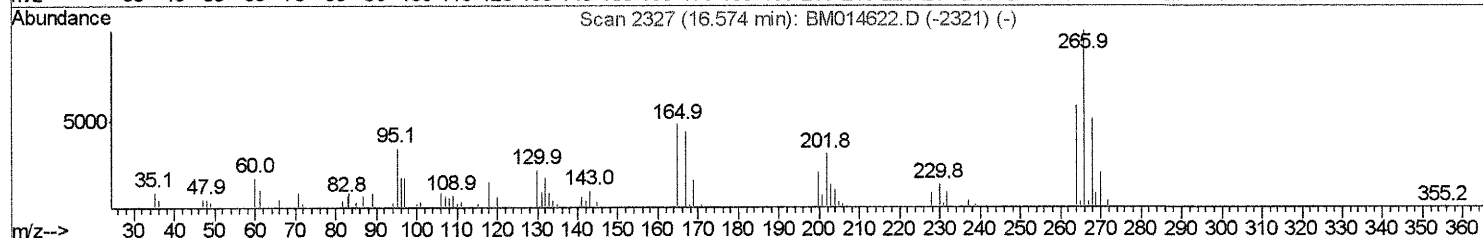
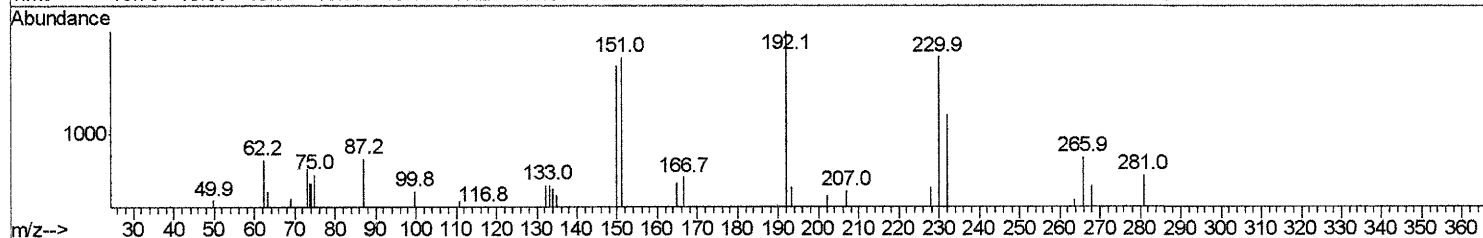
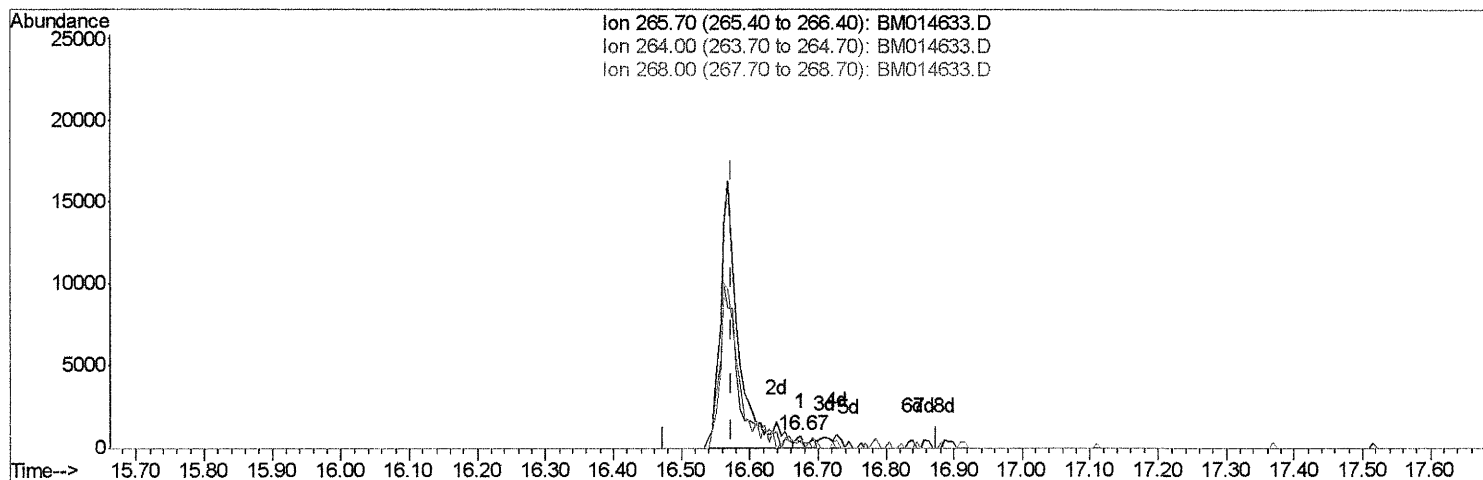
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampled :
SSTD02057

Manual Integrations
APPROVED

Sohil
3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



TIC: BM014633.D

(13) Pentachlorophenol (C)

16.674min (+0.100) 0.29ng/ul

response 493

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	48.45#
268.00	65.70	65.41
0.00	0.00	0.00

Quantitation Report (Qedit)

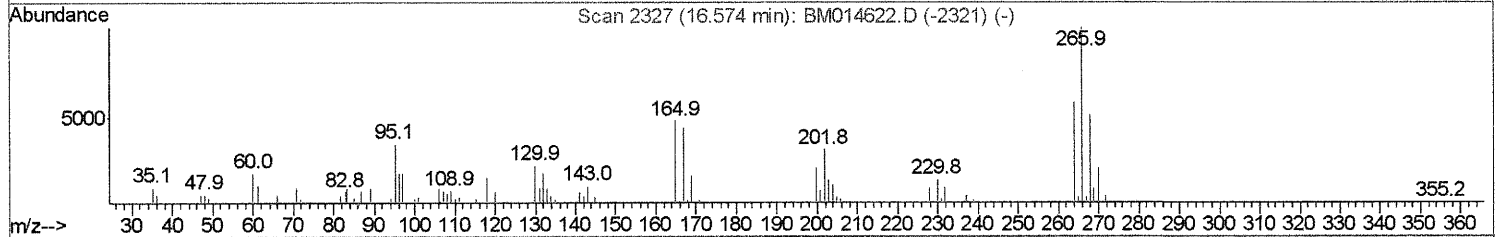
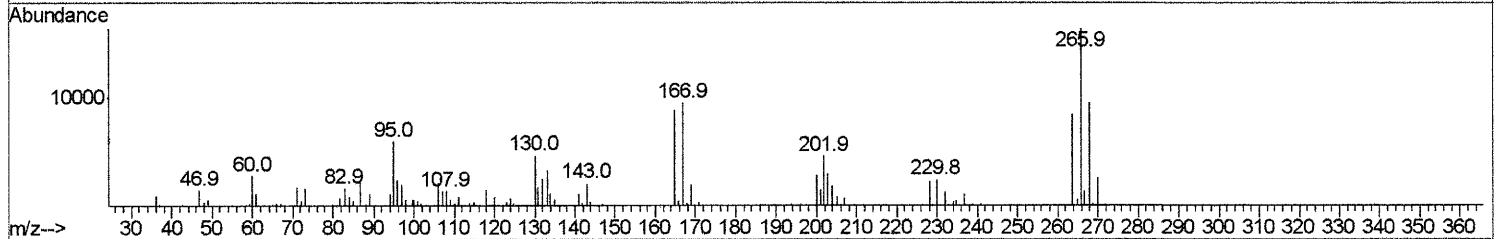
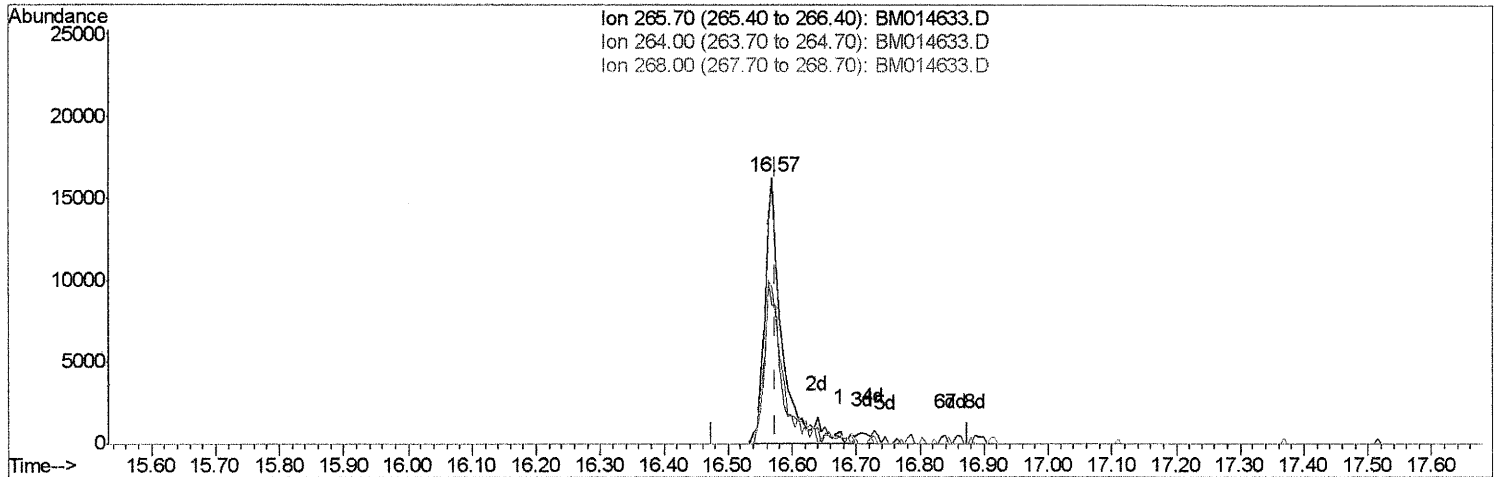
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
 Data File : BM014633.D
 Acq On : 21 Mar 2018 10:21
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02057

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:29:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 17 03:22:03 2018
 Response via : Initial Calibration



TIC: BM014633.D

(13) Pentachlorophenol (C)

16.568min (-0.006) 17.80ng/ul m

10
3/26/18

response 30685

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	52.47
268.00	65.70	59.25
0.00	0.00	0.00

Quantitation Report (Qedit)

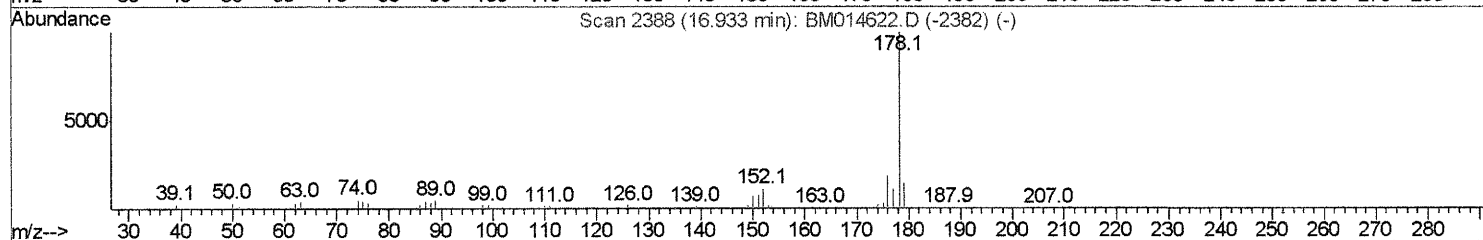
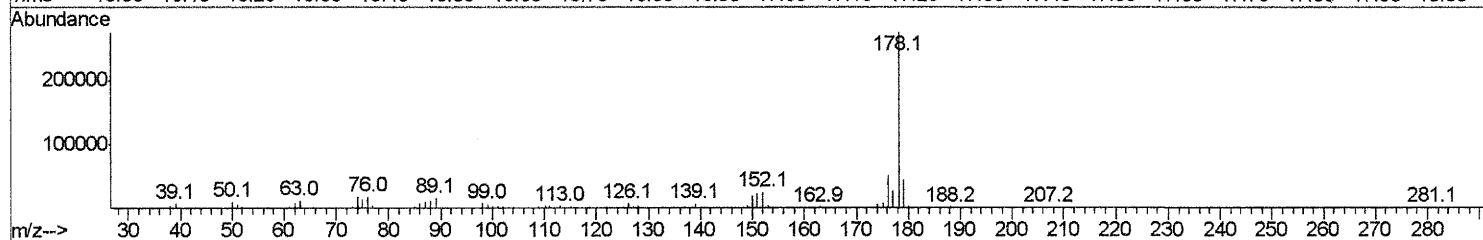
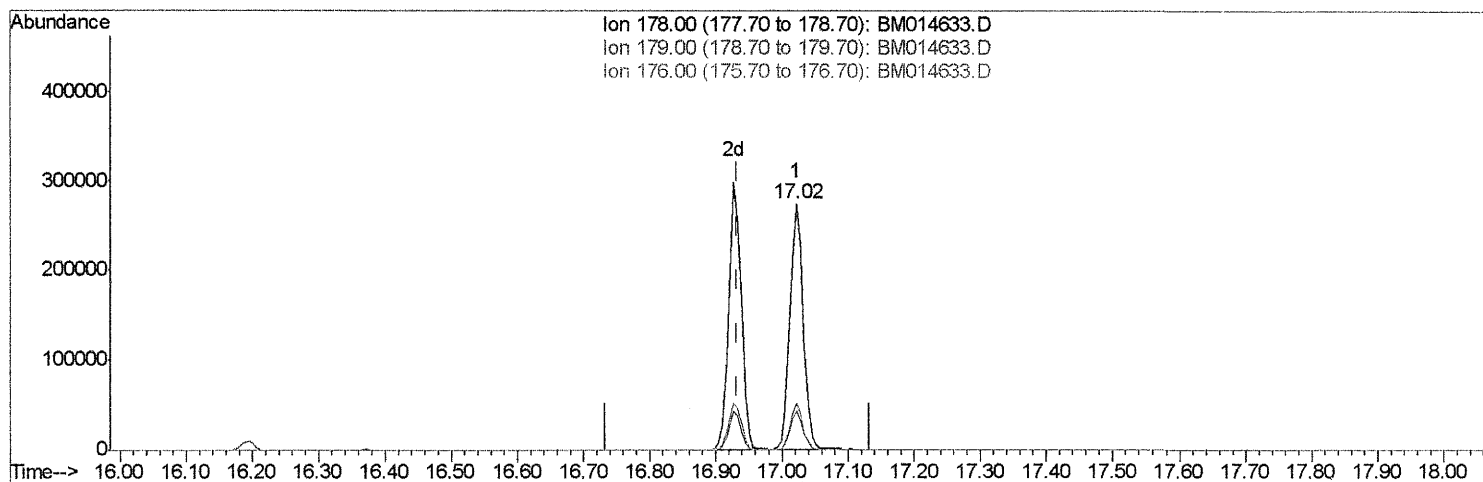
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

Sohil
3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



TIC: BM014633.D

(14) Phenanthrene

17.021min (+0.088) 17.93ng/ul

response 378275

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.75
176.00	18.60	18.74
0.00	0.00	0.00

Quantitation Report (Qedit)

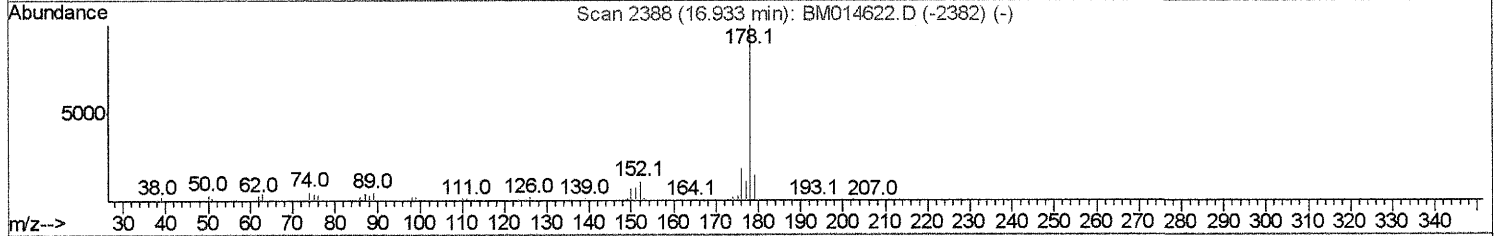
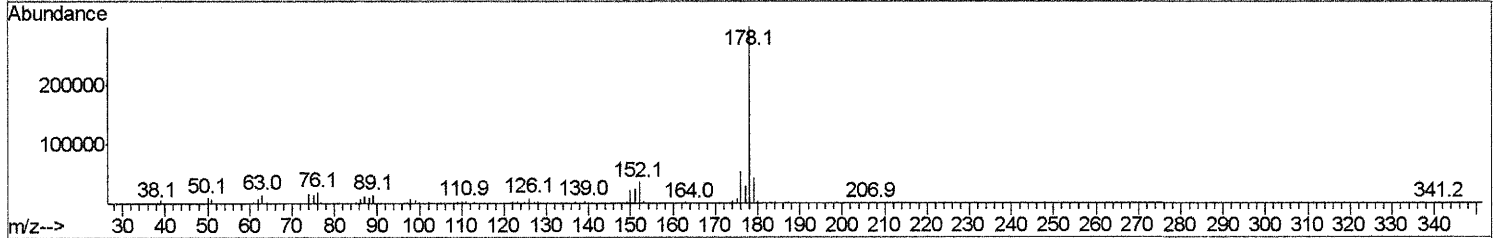
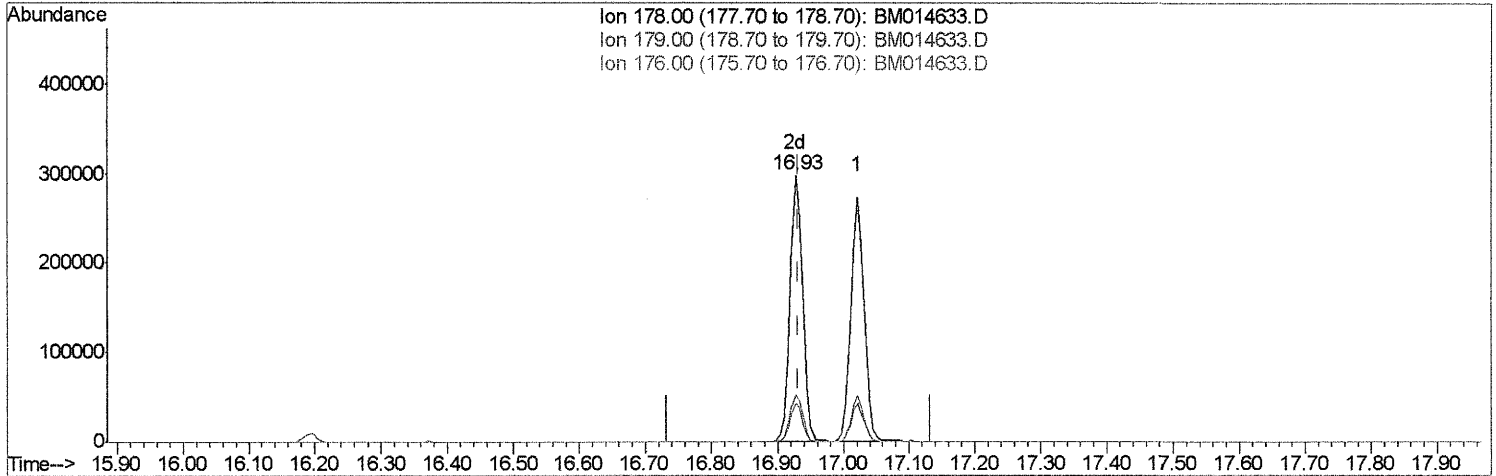
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
 Data File : BM014633.D
 Acq On : 21 Mar 2018 10:21
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02057

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:29:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 17 03:22:03 2018
 Response via : Initial Calibration



TIC: BM014633.D

(14) Phenanthrene

16.927min (-0.006) 18.90ng/ul m

response 398769

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	14.66
176.00	18.60	17.59
0.00	0.00	0.00

JU 3/26/18

Quantitation Report (Qedit)

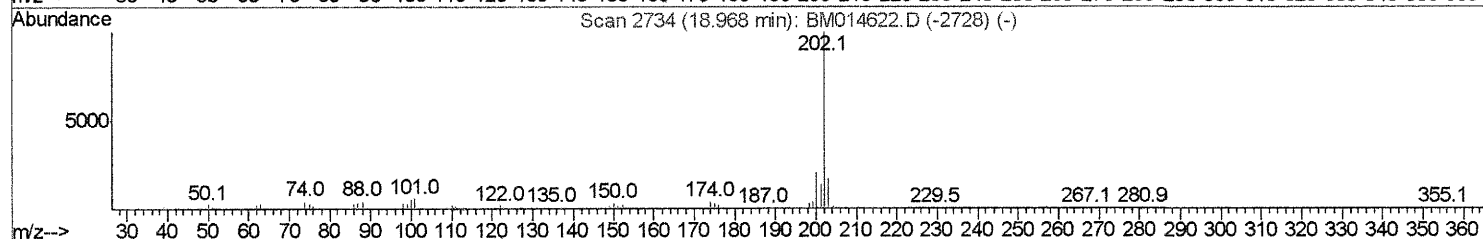
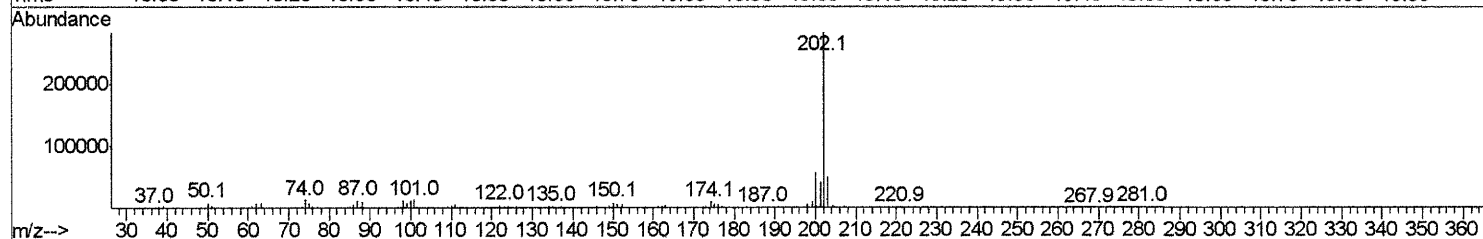
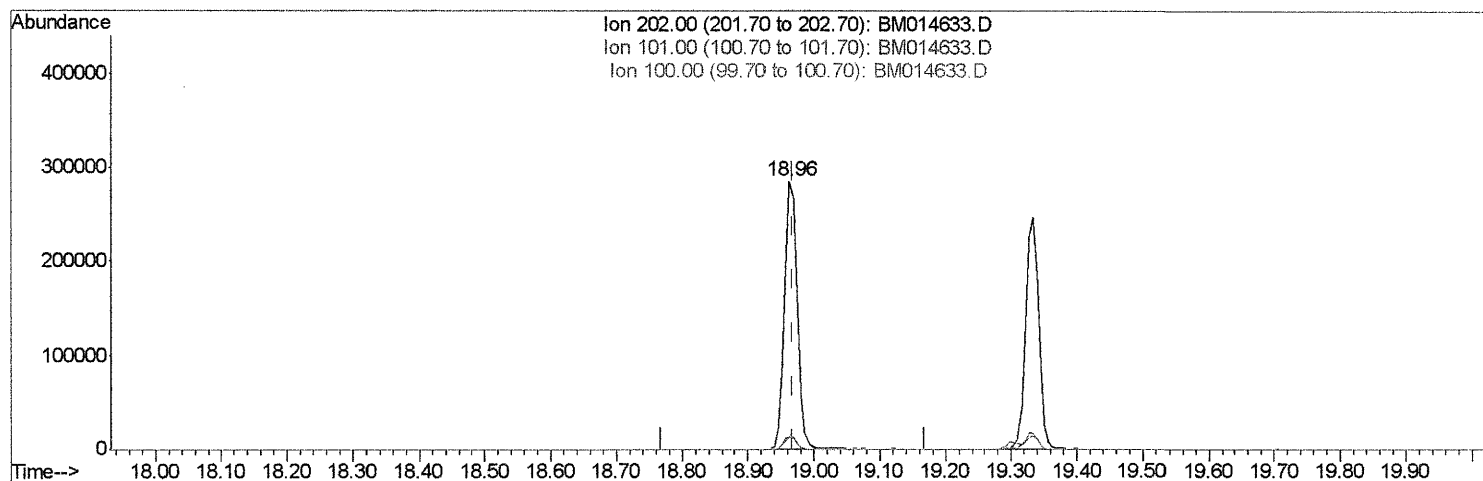
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

Sohil
3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:39:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



TIC: BM014633.D

(17) Fluoranthene (C)

18.962min (-0.006) 15.95ng/ul

response 382019

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	4.74
100.00	4.30	4.42
0.00	0.00	0.00

Quantitation Report (Qedit)

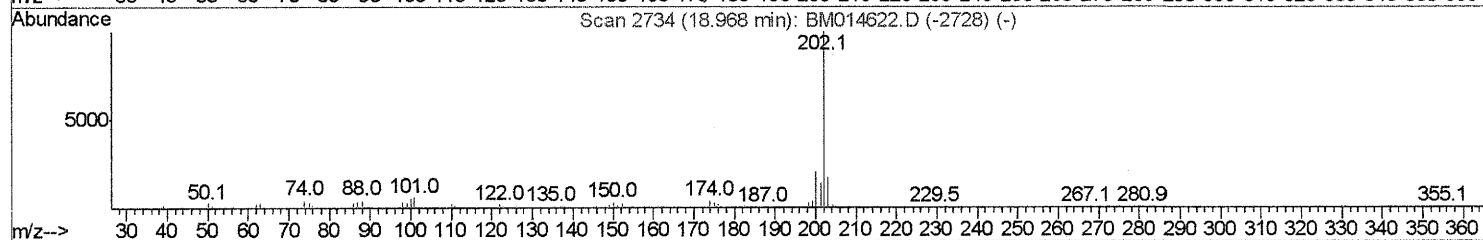
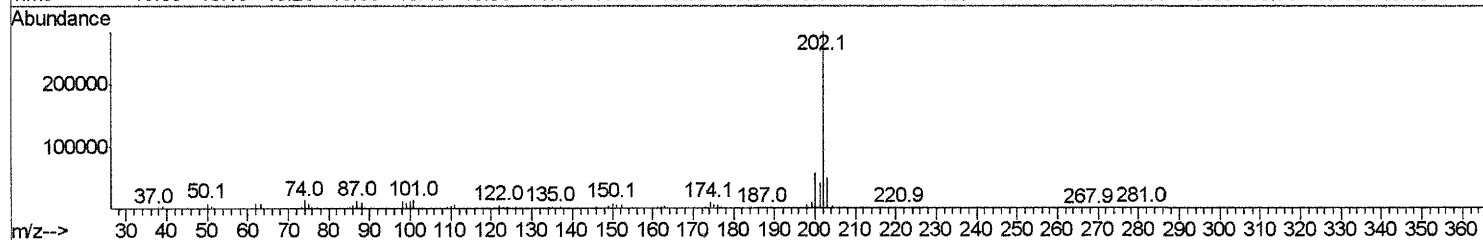
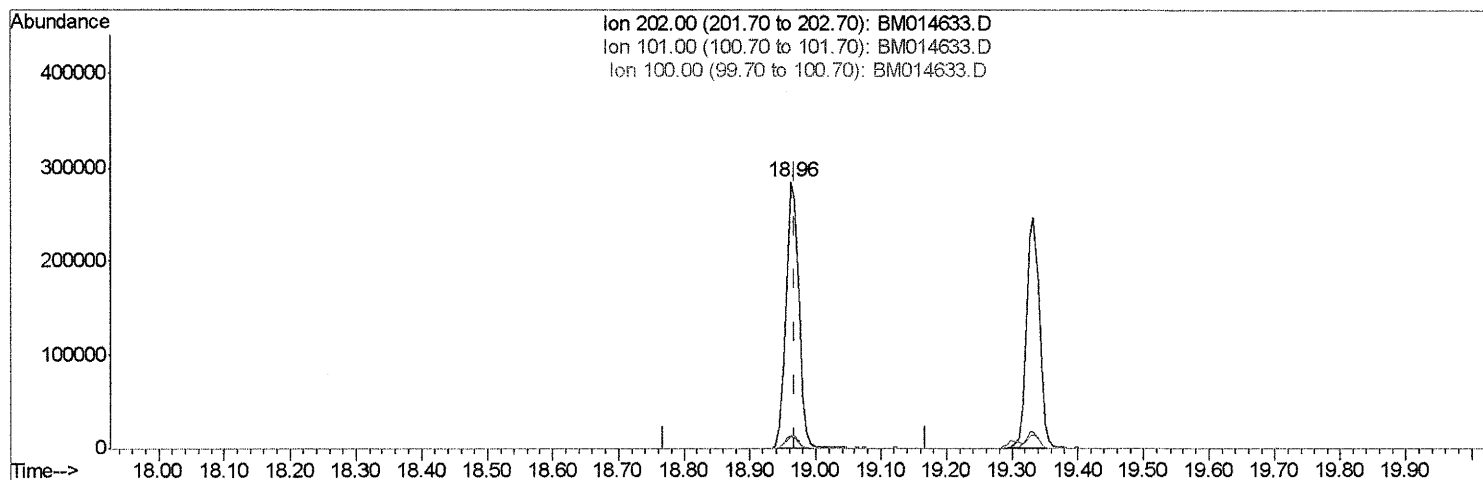
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

Sohil
3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:39:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



TIC: BM014633.D

(17) Fluoranthene (C)

18.962min (-0.006) 16.03ng/ul m

JU 3/26/18

response 383898

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	4.74
100.00	4.30	4.42
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
 Data File : BM014633.D
 Acq On : 21 Mar 2018 10:21
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02057

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:50:16 PM

Quant Time: Mar 22 01:46:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 17 03:22:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	82360	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	329803	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	179954	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	376690m	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	190690	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	182131	20.00	ng/ul	0.00

- 10 3/26/18

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	9.87	165	103287	20.26	ng/ul	0.00
7) Acenaphthylene-d8	13.80	160	377130	19.61	ng/ul	0.00
10) Fluorene-d10	15.13	176	248912	19.76	ng/ul	0.00
15) Anthracene-d10	16.99	188	325287	18.04	ng/ul	0.00
19) Pvrene-d10	19.30	212	280536	24.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	166057	18.85	ng/ul	0.00

Target Compounds

						Qvalue
4) Naphthalene	10.26	128	324134	19.351	ng/ul	97
5) 2-Methylnaphthalene	11.89	142	230037	19.626	ng/ul	94
8) Acenaphthylene	13.84	152	344410	19.294	ng/ul	99
9) Acenaphthene	14.18	153	233601	19.122	ng/ul	100
11) Fluorene	15.18	166	276439	19.096	ng/ul	95
13) Pentachlorophenol	16.57	266	30685m	17.795	ng/ul	
14) Phenanthrene	16.93	178	398769m	18.903	ng/ul	
16) Anthracene	17.02	178	378275	17.938	ng/ul	98
17) Fluoranthene	18.96	202	383898m	16.032	ng/ul	
20) Pyrene	19.33	202	339017	23.639	ng/ul	99
21) Benzo(a)anthracene	21.10	228	238050	19.741	ng/ul	95
22) Chrysene	21.15	228	216327	19.510	ng/ul	97
24) Benzo(b)fluoranthene	22.63	252	222533	19.434	ng/ul	96
25) Benzo(k)fluoranthene	22.67	252	201345	18.508	ng/ul	98
27) Benzo(a)pvrene	23.19	252	203647	18.737	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	25.43	276	253938	20.300	ng/ul	94
29) Dibenzo(a,h)anthracene	25.43	278	212670	20.312	ng/ul	99
30) Benzo(a,h,i)perylene	26.09	276	202730	20.345	ng/ul#	93

> 10 3/26/18
 10 3/26/18

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