

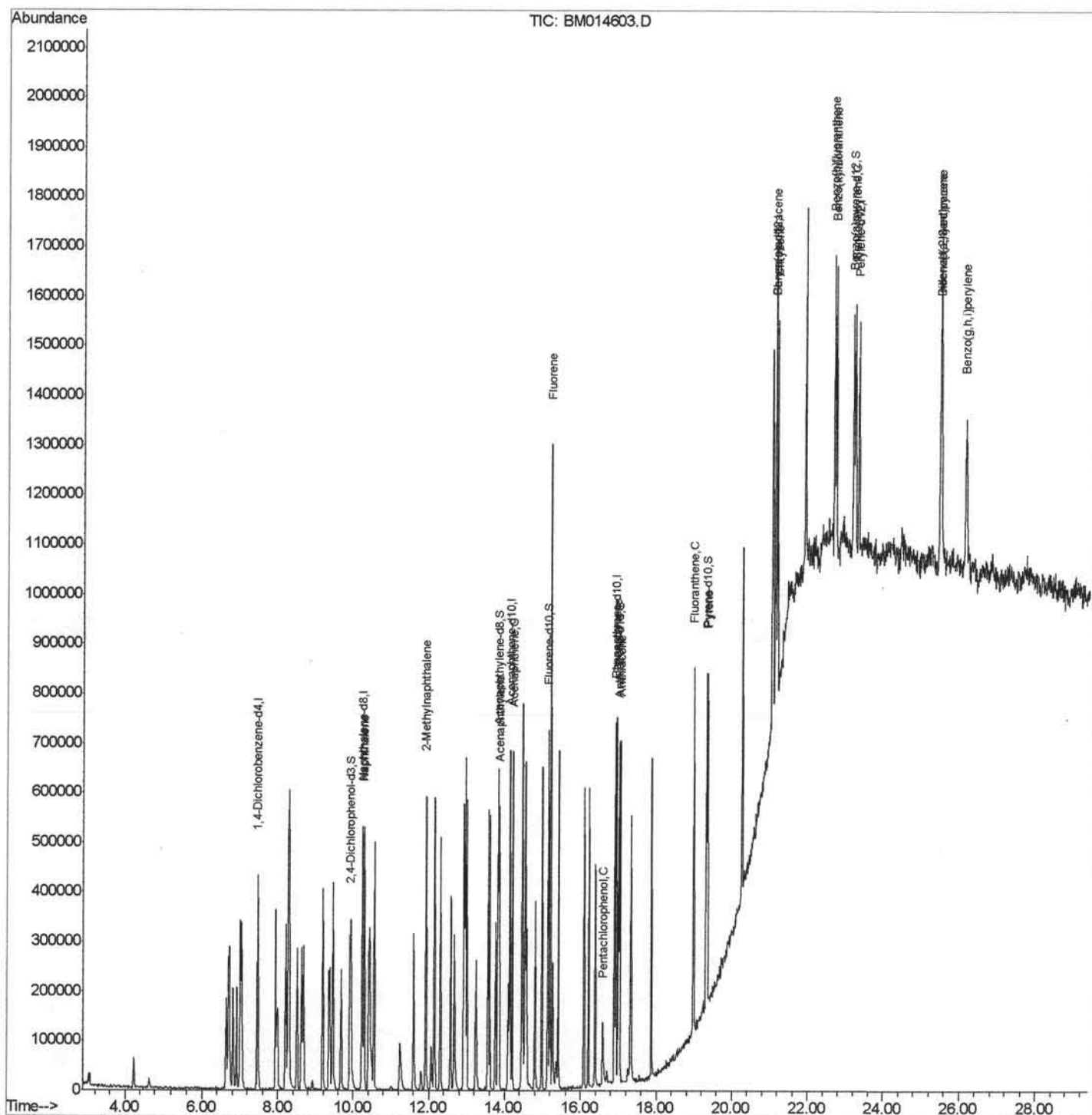
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
Data File : BM014603.D
Acq On : 16 Mar 2018 09:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
APPROVED

Sohil
3/19/2018 2:24:50 PM

Quant Time: Mar 16 23:35:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:09:29 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

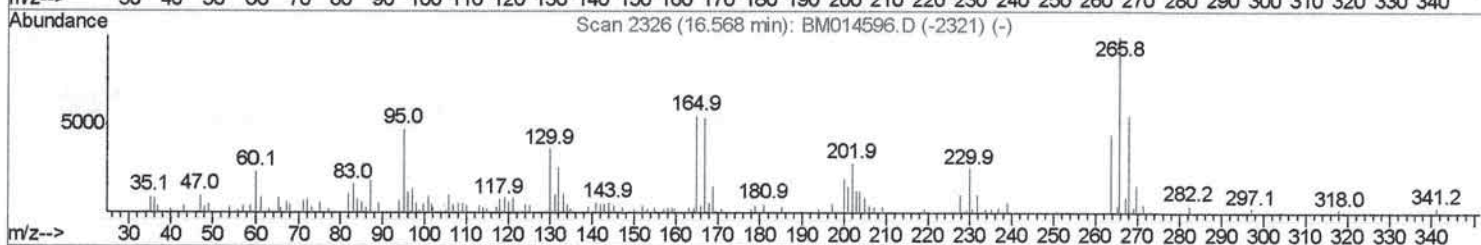
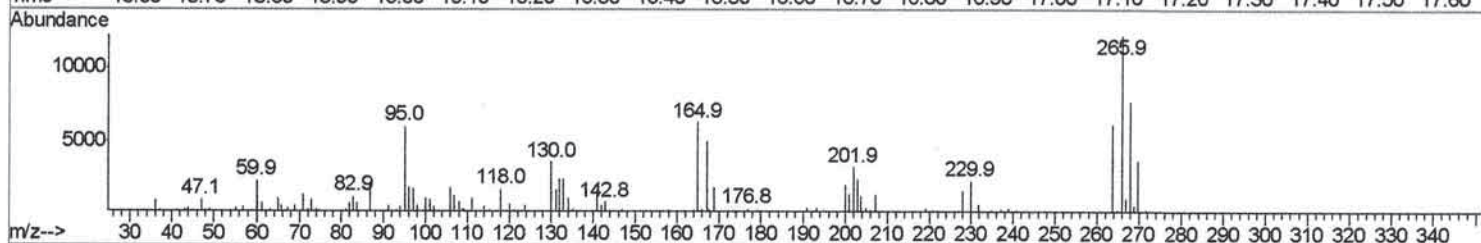
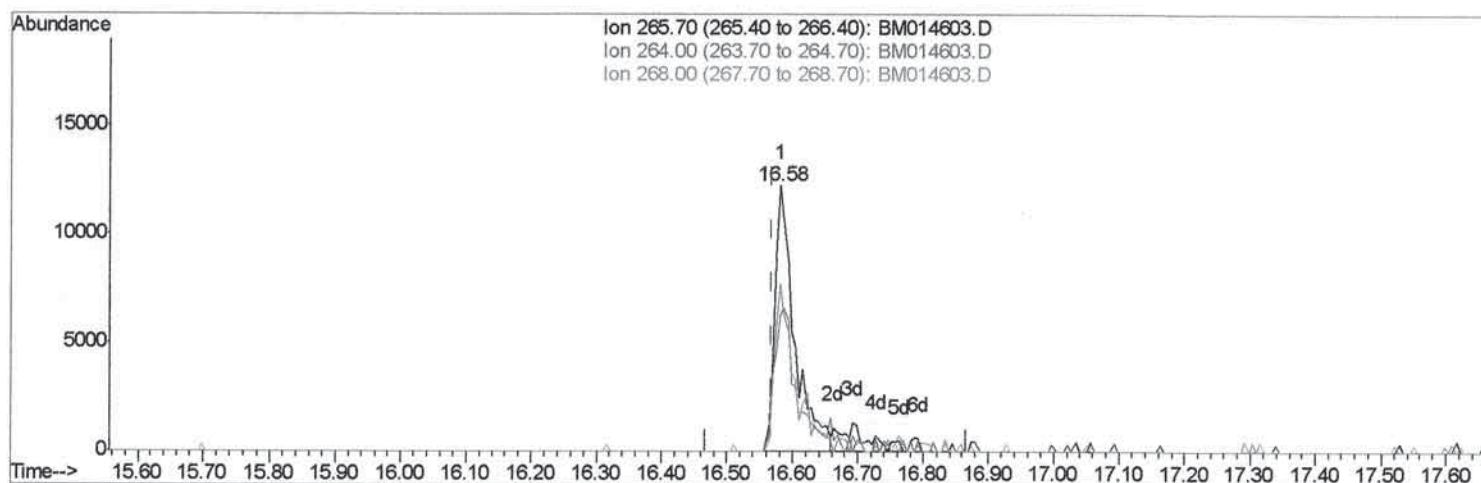
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
 Data File : BM014603.D
 Acq On : 16 Mar 2018 09:45
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02053

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:24:50 PM

Quant Time: Mar 16 23:27:25 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration



TIC: BM014603.D

(13) Pentachlorophenol (C)
 16.580min (+0.012) 15.16ng/ul
 response 25490

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	53.96
268.00	65.70	63.32
0.00	0.00	0.00

Quantitation Report (Qedit)

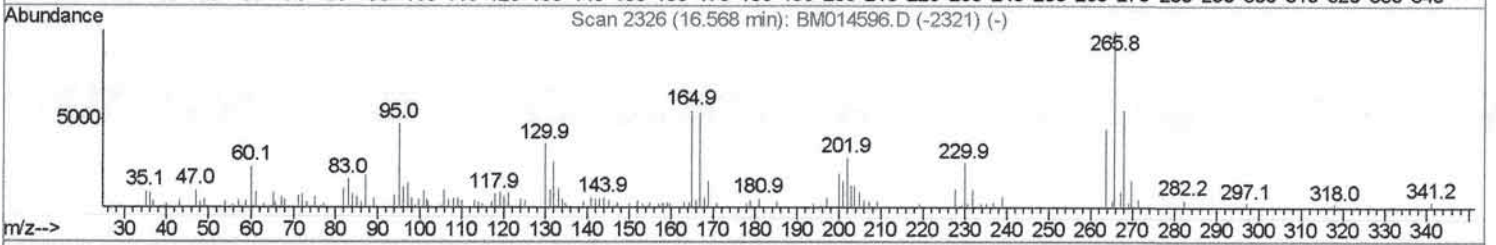
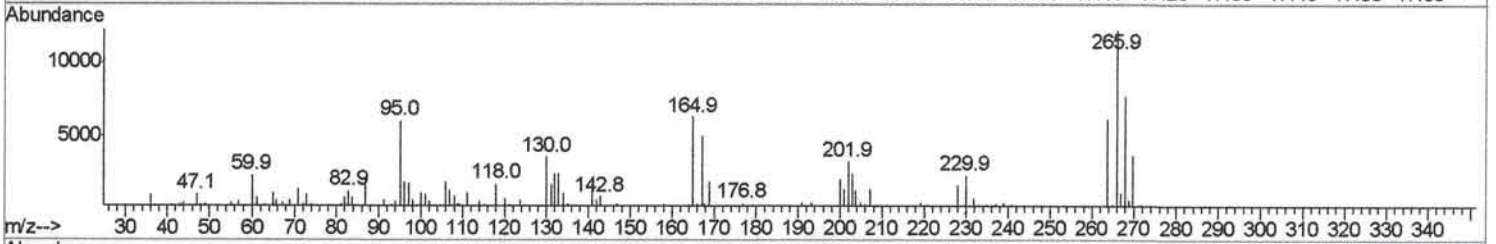
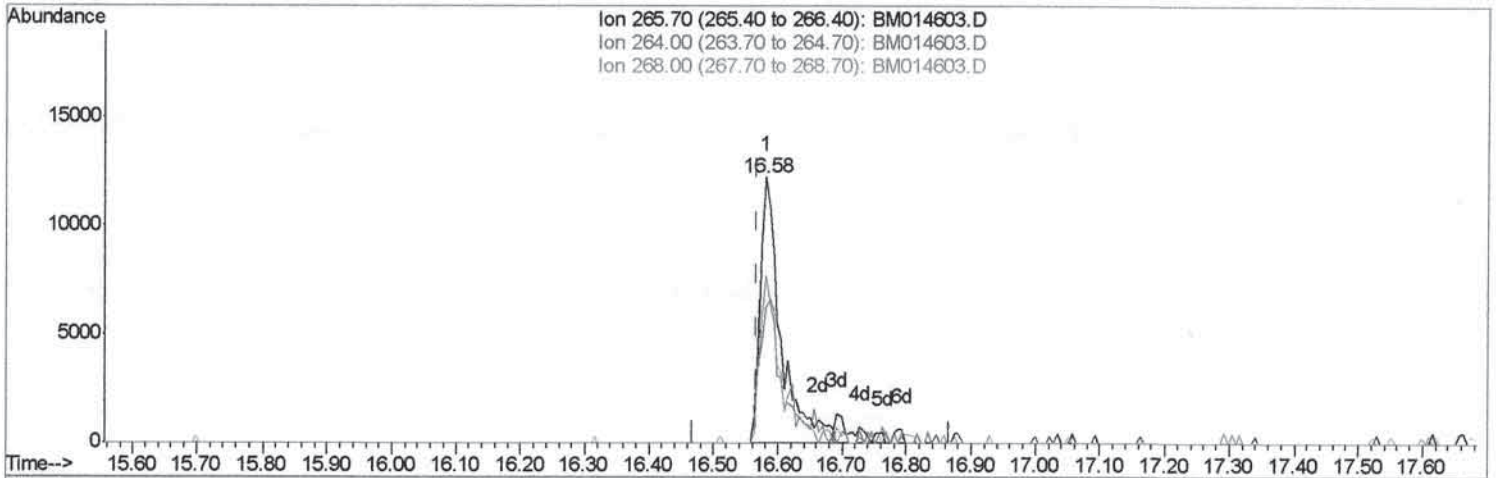
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
 Data File : BM014603.D
 Acq On : 16 Mar 2018 09:45
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02053

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:24:50 PM

Quant Time: Mar 16 23:27:25 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration



TIC: BM014603.D

(13) Pentachlorophenol (C)

16.580min (+0.012) 16.04ng/ul m > 51 3/23/18

response 26962

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	50.83
268.00	65.70	63.32
0.00	0.00	0.00

Quantitation Report (Qedit)

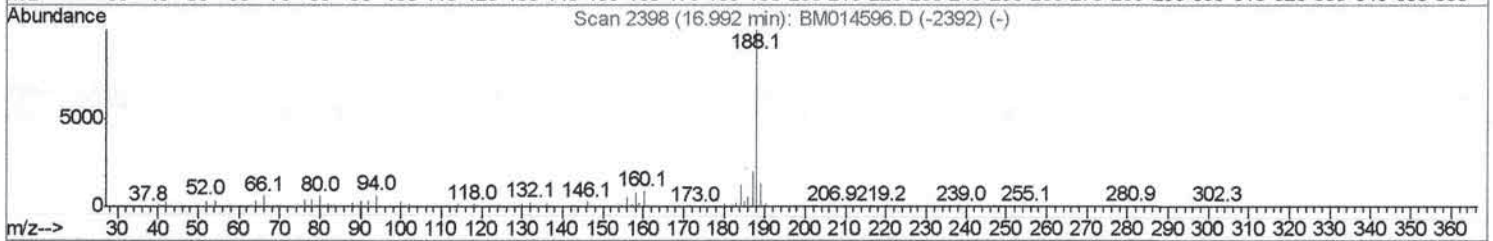
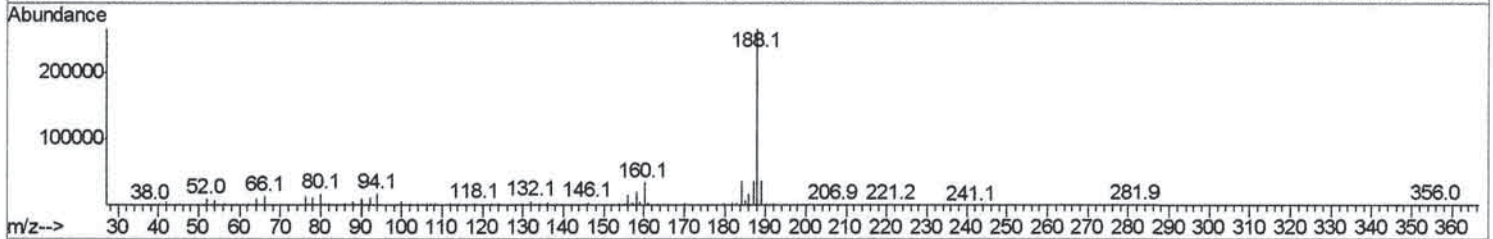
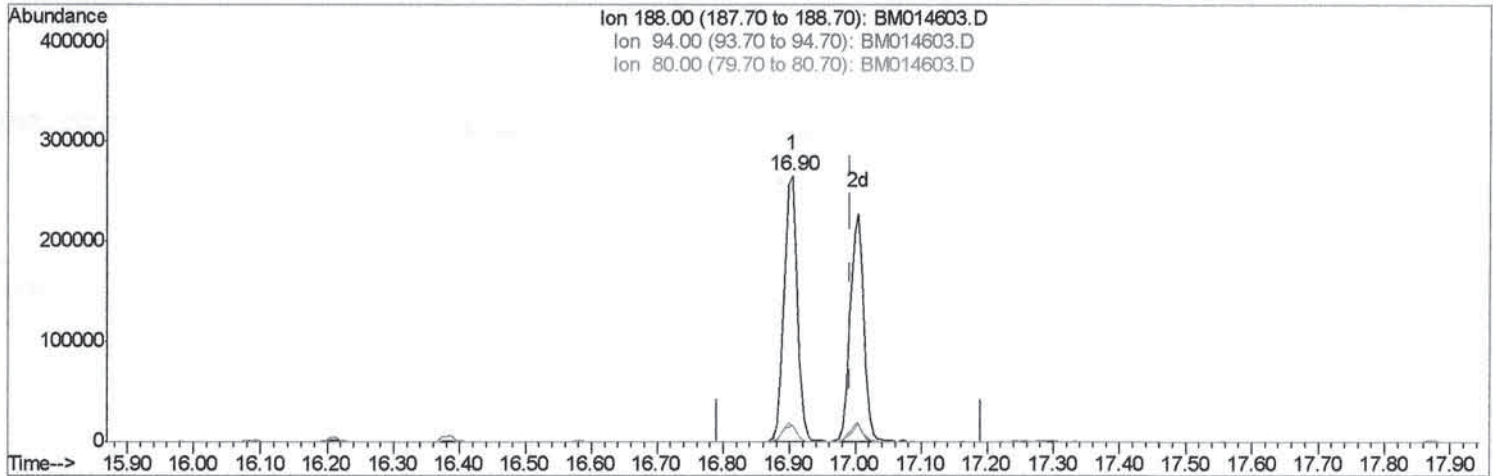
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
 Data File : BM014603.D
 Acq On : 16 Mar 2018 09:45
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02053

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:24:50 PM

Quant Time: Mar 16 23:27:25 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration



TIC: BM014603.D

(15) Anthracene-d10 (S)

16.904min (-0.088) 20.89ng/ul

response 367204

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.59
80.00	5.90	6.50
0.00	0.00	0.00

Quantitation Report (Qedit)

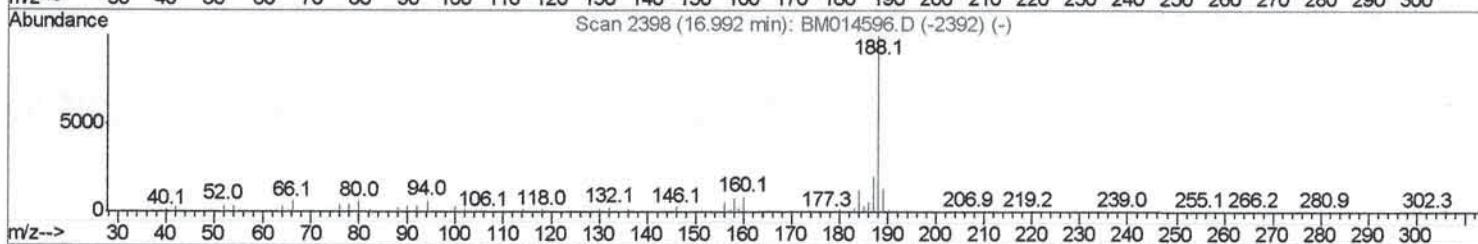
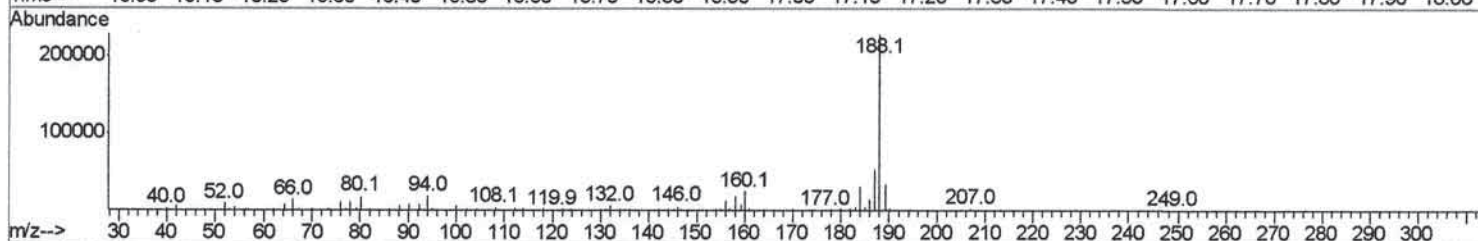
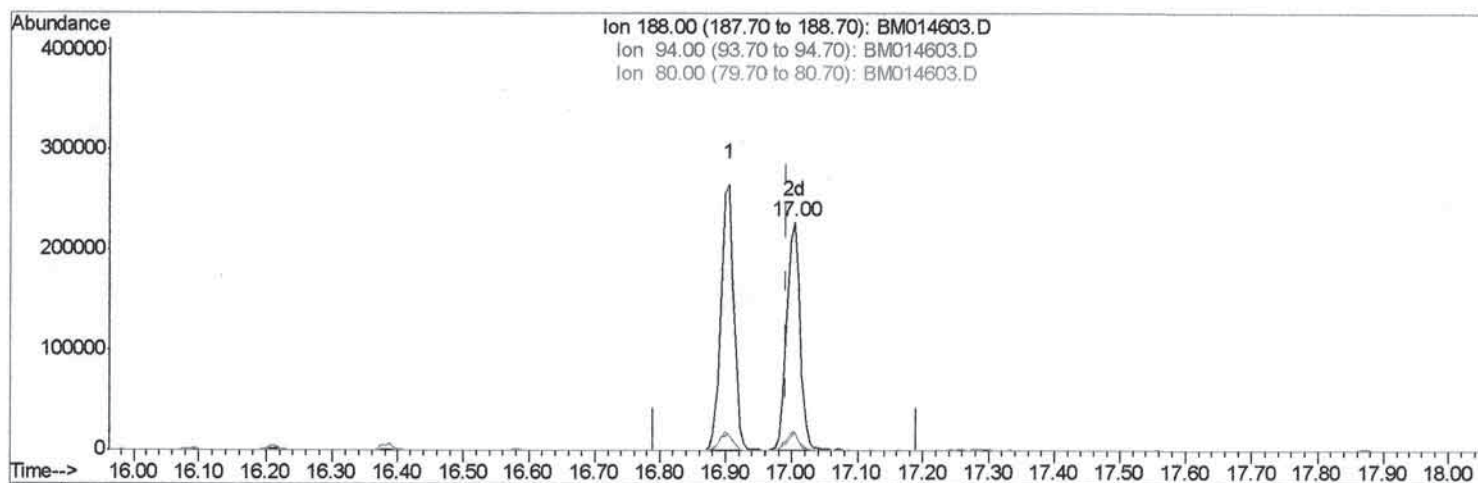
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
Data File : BM014603.D
Acq On : 16 Mar 2018 09:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
APPROVED

Sohil
3/19/2018 2:24:50 PM

Quant Time: Mar 16 23:27:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:09:29 2018
Response via : Initial Calibration



TIC: BM014603.D

(15) Anthracene-d10 (S)

17.004min (+0.012) 18.27ng/ul m> SJ 3/13/18

response 321194

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	8.32#
80.00	5.90	7.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
 Data File : BM014603.D
 Acq On : 16 Mar 2018 09:45
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02053

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:24:50 PM

Quant Time: Mar 16 23:35:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	94776	20.00	ng/ul	0.00
2) Naphthalene-d8	10.23	136	368290	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	184060	20.00	ng/ul	0.01
12) Phenanthrene-d10	16.90	188	367204	20.00	ng/ul	0.01
18) Chrysene-d12	21.13	240	287029	20.00	ng/ul	0.01
23) Perylene-d12	23.30	264	293963	20.00	ng/ul	0.02

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	9.89	165	111376	19.57	ng/ul	0.00
7) Acenaphthylene-d8	13.82	160	381026	19.37	ng/ul	0.01
10) Fluorene-d10	15.14	176	246964	19.16	ng/ul	0.01
15) Anthracene-d10	17.00	188	321194m)	18.27	ng/ul	0.01
19) Pyrene-d10	19.32	212	300496	17.42	ng/ul	0.01
26) Benzo(a)pyrene-d12	23.16	264	266281	18.72	ng/ul	0.02

Target Compounds

						Qvalue
4) Naphthalene	10.28	128	355684	19.015	ng/ul	99
5) 2-Methylnaphthalene	11.91	142	245478	18.755	ng/ul	96
8) Acenaphthylene	13.85	152	352713	19.318	ng/ul	98
9) Acenaphthene	14.20	153	236281	18.910	ng/ul	89
11) Fluorene	15.19	166	270397	18.261	ng/ul	99
13) Pentachlorophenol	16.58	266	26962m)	16.040	ng/ul	97
14) Phenanthrene	16.94	178	385835	18.762	ng/ul	97
16) Anthracene	17.04	178	377757	18.376	ng/ul	99
17) Fluoranthene	18.98	202	378103	16.198	ng/ul#	97
20) Pyrene	19.34	202	364853	16.902	ng/ul	98
21) Benzo(a)anthracene	21.11	228	351944	19.390	ng/ul	99
22) Chrysene	21.16	228	320603	19.210	ng/ul	98
24) Benzo(b)fluoranthene	22.65	252	344831	18.658	ng/ul#	99
25) Benzo(k)fluoranthene	22.69	252	334369	19.043	ng/ul#	95
27) Benzo(a)pyrene	23.20	252	327126	18.648	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.46	276	393221	19.476	ng/ul#	94
29) Dibenzo(a,h)anthracene	25.46	278	321243	19.009	ng/ul#	97
30) Benzo(a,h,i)perylene	26.13	276	322576	20.057	ng/ul	98

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