

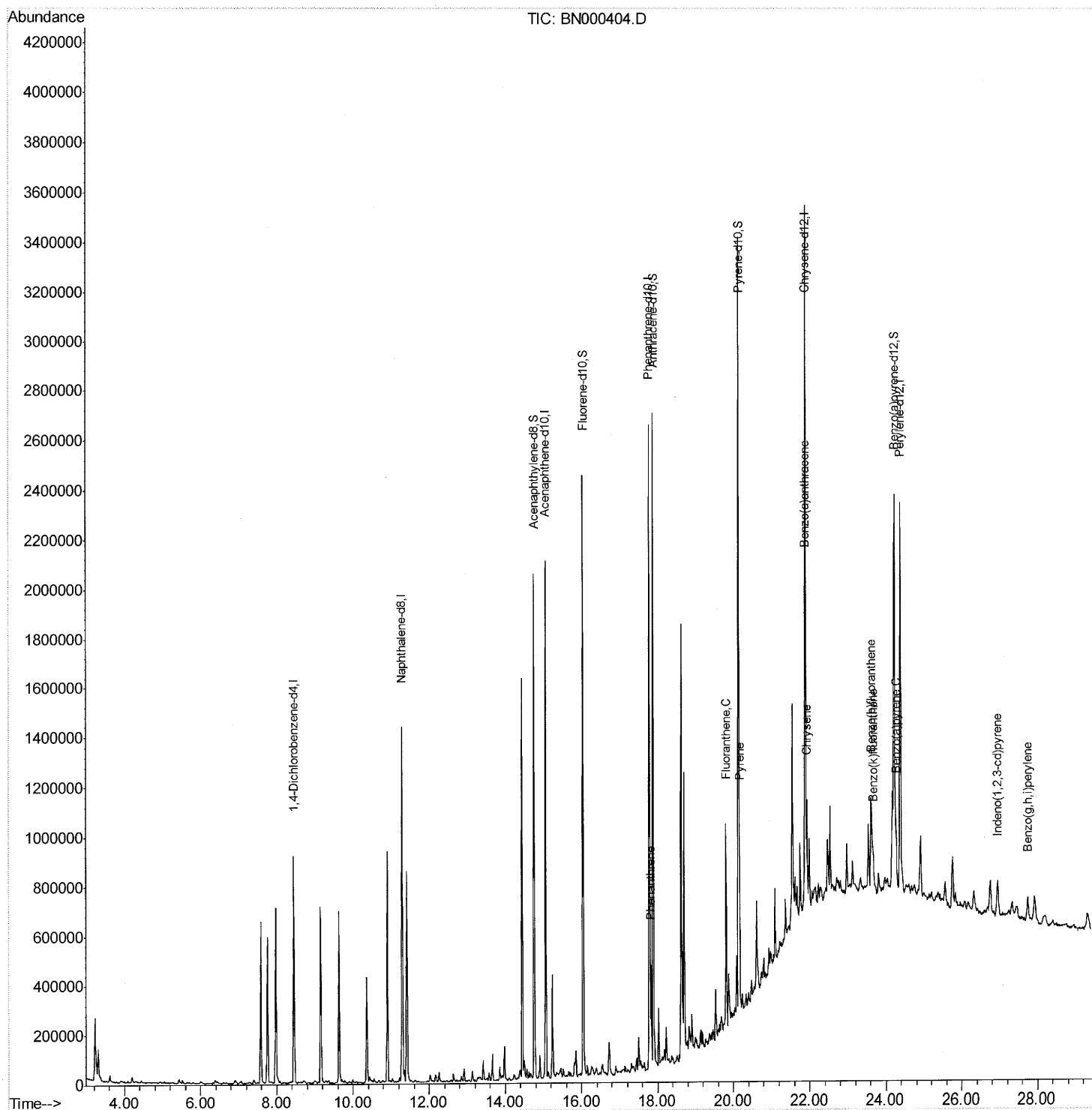
Data Path : Z:\HPCHEM1\BNA_N\Data\BN031418\
Data File : BN000404.D
Acq On : 15 Mar 2018 08:27
Operator : JU/SJ
Sample : J1845-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
DAMD4

Manual Integrations
APPROVED

Sohil
3/15/2018 7:03:50 PM

Quant Time: Mar 15 11:10:09 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:55:46 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

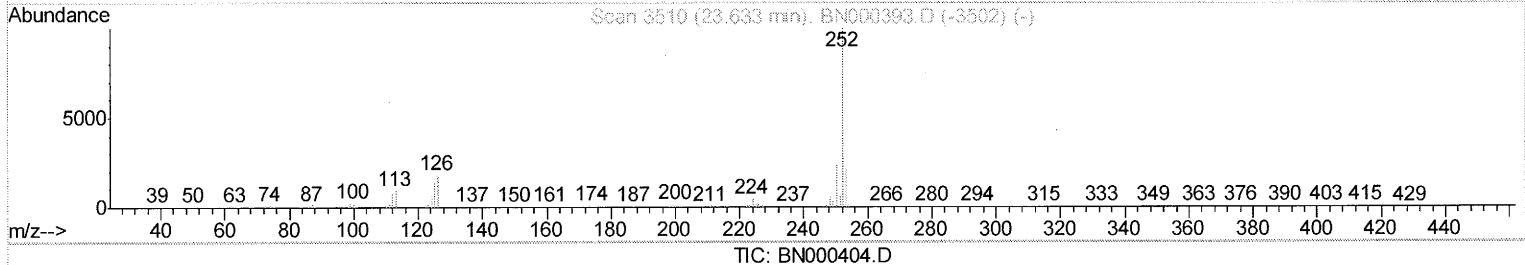
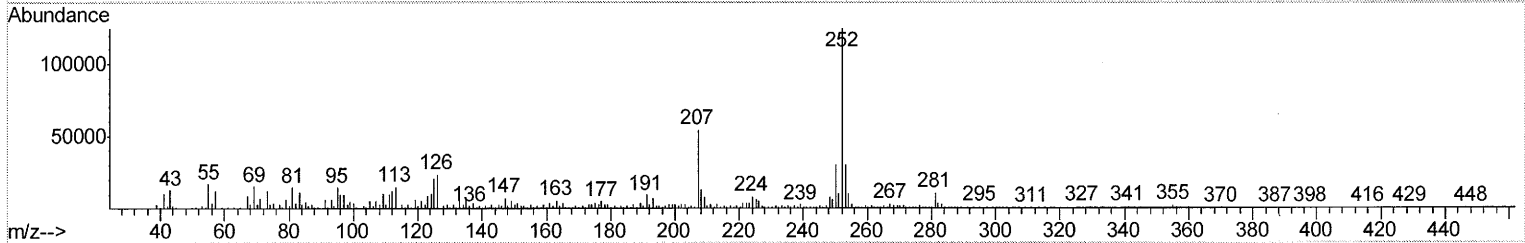
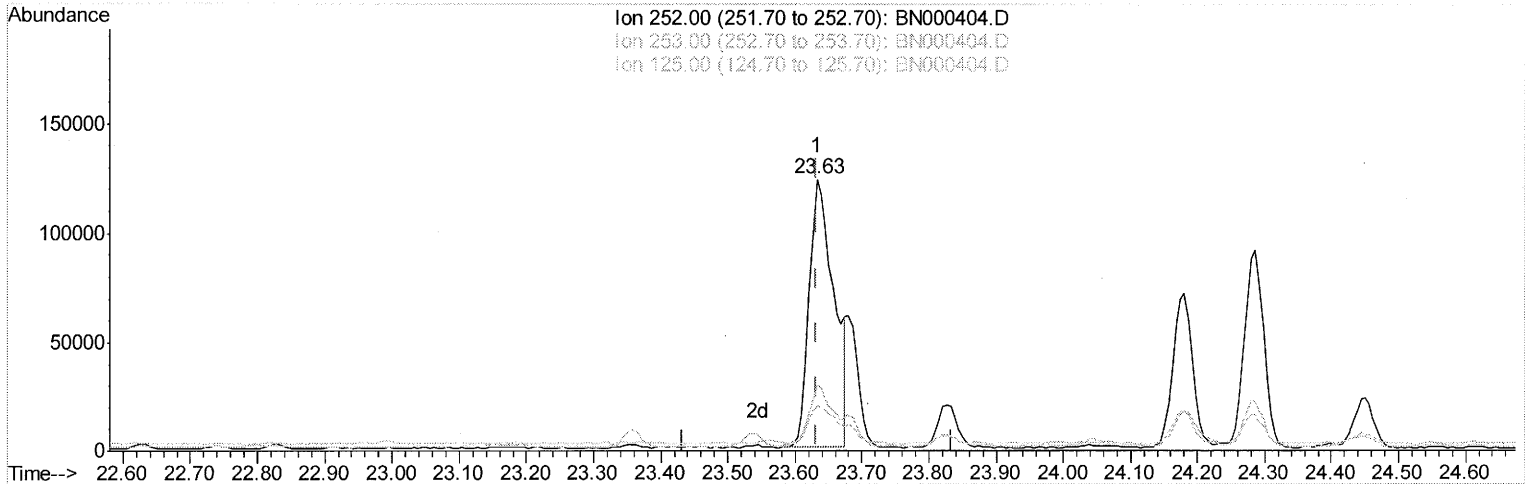
Data Path : Z:\HPCHEM1\BNA_N\Data\BN031418\
Data File : BN000404.D
Acq On : 15 Mar 2018 08:27
Operator : JU/SJ
Sample : J1845-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
DAMD4

Manual Integrations
APPROVED

Sohil
3/15/2018 7:03:50 PM

Quant Time: Mar 15 11:07:35 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:55:46 2018
Response via : Initial Calibration



(23) Benzo(b)fluoranthene

23.633min (-0.000) 4.87ng/ui

response 321025

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.02
125.00	10.00	16.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

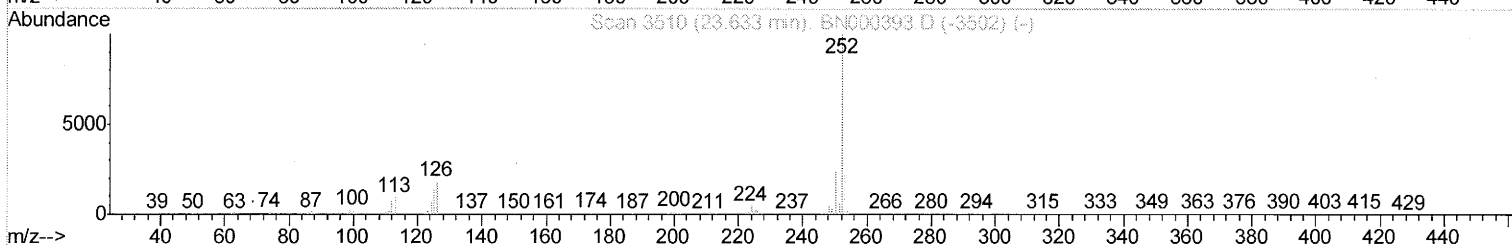
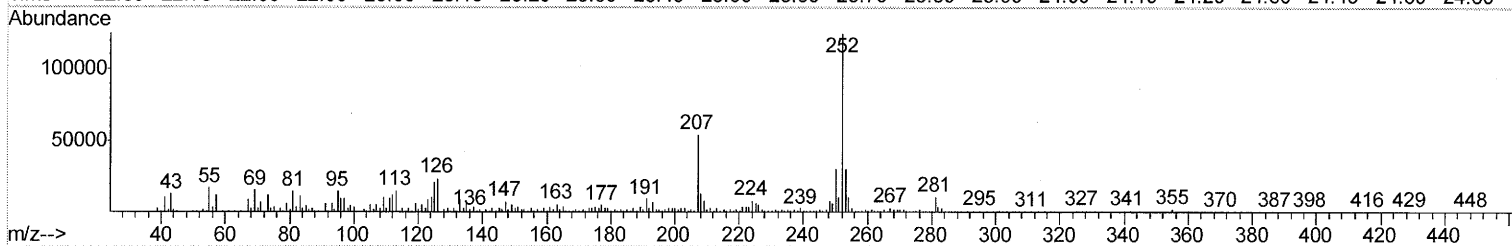
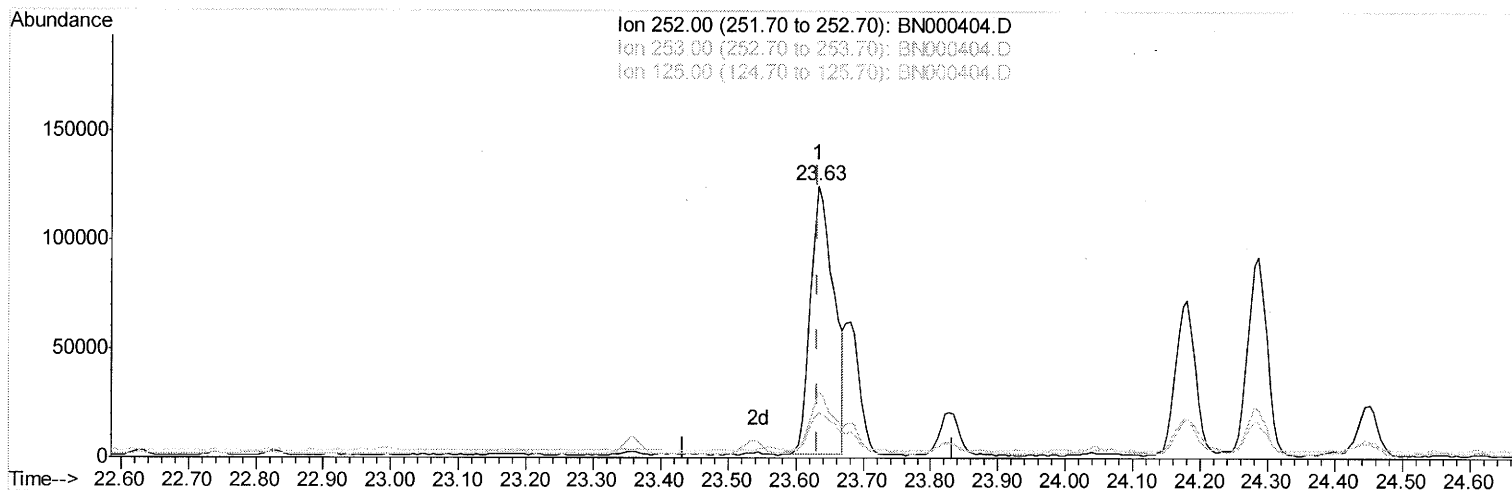
Data Path : Z:\HPCHEM1\BNA_N\Data\BN031418\
 Data File : BN000404.D
 Acq On : 15 Mar 2018 08:27
 Operator : JU/SJ
 Sample : J1845-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 DAMD4

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:03:50 PM

Quant Time: Mar 15 11:07:35 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration



TIC: BN000404.D

(23) Benzo(b)fluoranthene

23.633min (-0.000) 4.55ng/ul m

JU 3/16/18

response 299746

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.02
125.00	10.00	16.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

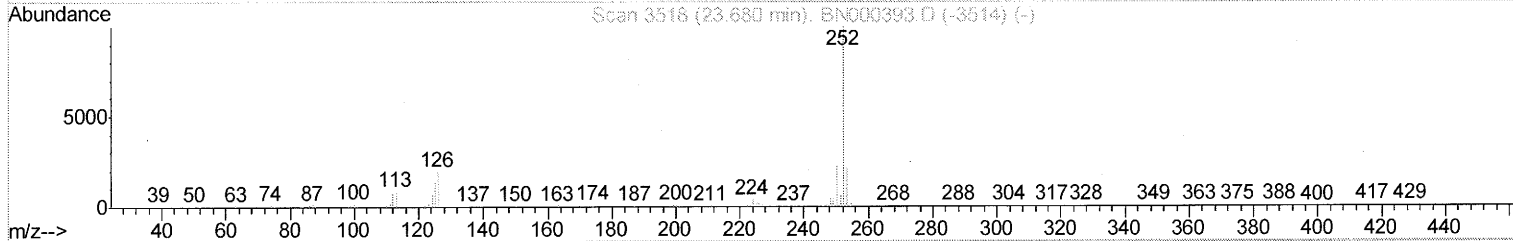
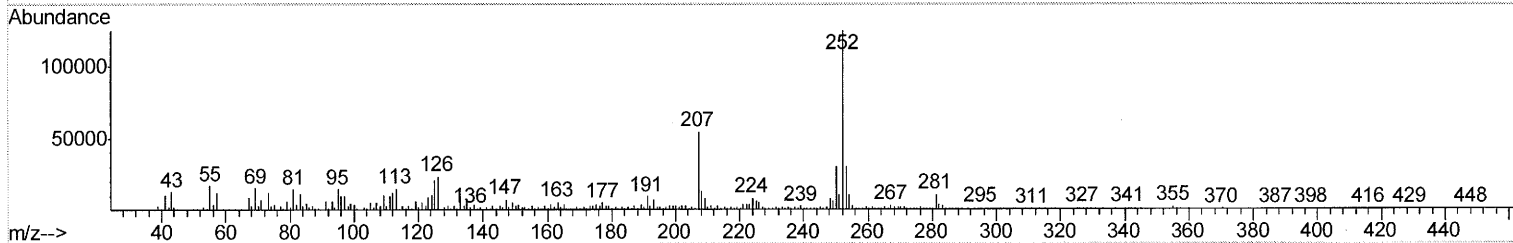
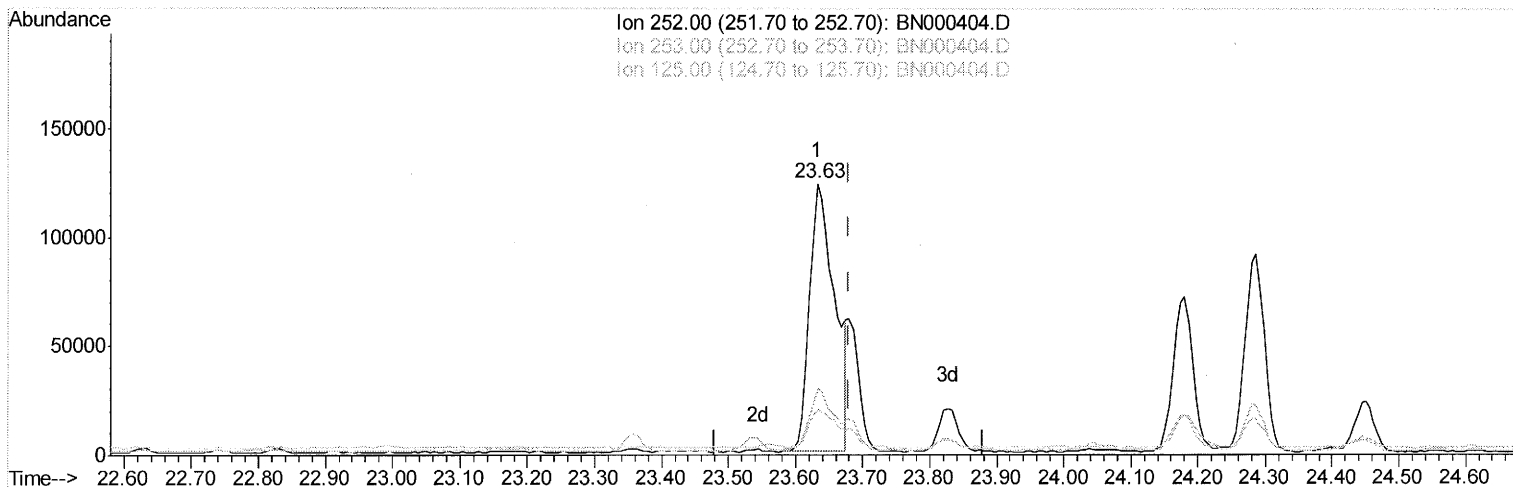
Data Path : Z:\HPCHEM1\BNA_N\Data\BN031418\
 Data File : BN000404.D
 Acq On : 15 Mar 2018 08:27
 Operator : JU/SJ
 Sample : J1845-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD4

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:03:50 PM

Quant Time: Mar 15 11:07:35 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration



TIC: BN000404.D

(24) Benzo(k)fluoranthene

23.633min (-0.047) 5.20ng/ul

response 321025

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.02
125.00	10.10	16.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

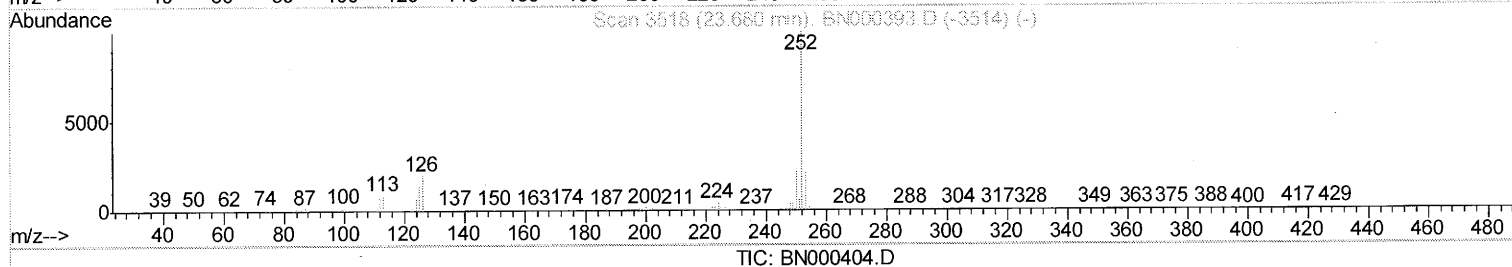
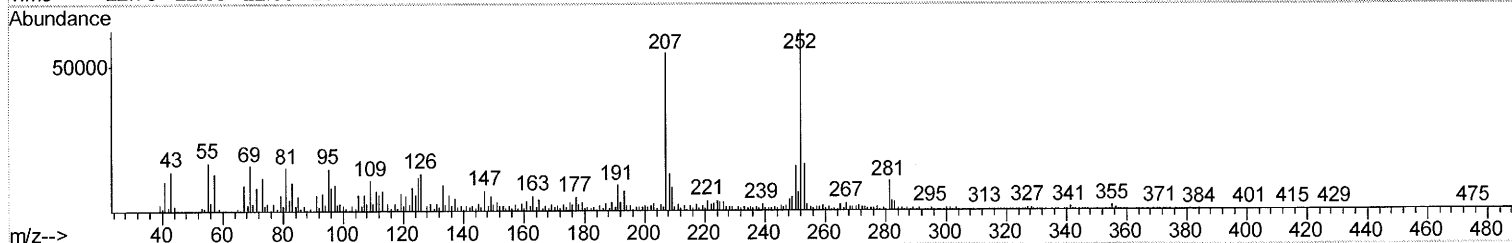
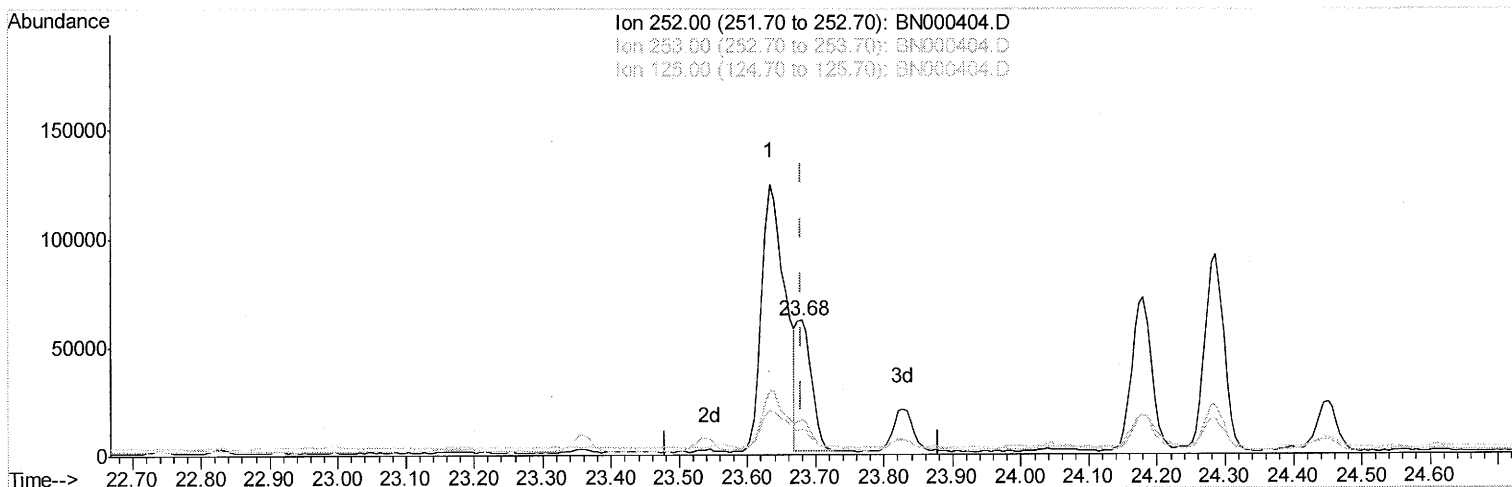
Data Path : Z:\HPCHEM1\BNA_N\Data\BN031418\
Data File : BN000404.D
Acq On : 15 Mar 2018 08:27
Operator : JU/SJ
Sample : J1845-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAMD4

Manual Integrations
APPROVED

Sohil
3/15/2018 7:03:50 PM

Quant Time: Mar 15 11:07:35 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:55:46 2018
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.680min (-0.000) 1.50ng/ul m

response 92598

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.23
125.00	10.10	18.75#
0.00	0.00	0.00

JU 3/16/18

Data Path : Z:\HPCHEM1\BNA_N\Data\BN031418\
 Data File : BN000404.D
 Acq On : 15 Mar 2018 08:27
 Operator : JU/SJ
 Sample : J1845-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD4

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:03:50 PM

Quant Time: Mar 15 11:10:09 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	246743	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1194138	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	664361	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1439091	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1231548	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1104999	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1377625	20.89	ng/ul	0.00
10) Fluorene-d10	16.05	176	907383	20.32	ng/ul	0.00
14) Anthracene-d10	17.89	188	1396336	20.77	ng/ul	0.00
18) Pyrene-d10	20.14	212	1460963	24.25	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1073665	21.28	ng/ul	0.00

Target Compounds

					Qvalue	
13) Phenanthrene	17.83	178	204800	2.481	ng/ul	98
16) Fluoranthene	19.80	202	454581	5.098	ng/ul#	92
19) Pyrene	20.17	202	398014	5.119	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	210257	2.746	ng/ul	97
21) Chrysene	21.94	228	233986	3.220	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	299746m	4.549	ng/ul	> 103/16/18
24) Benzo(k)fluoranthene	23.68	252	92598m	1.501	ng/ul	
26) Benzo(a)pyrene	24.29	252	182289	2.907	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.96	276	126441	1.870	ng/ul#	83
29) Benzo(g,h,i)perylene	27.76	276	118369	2.097	ng/ul#	89

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