

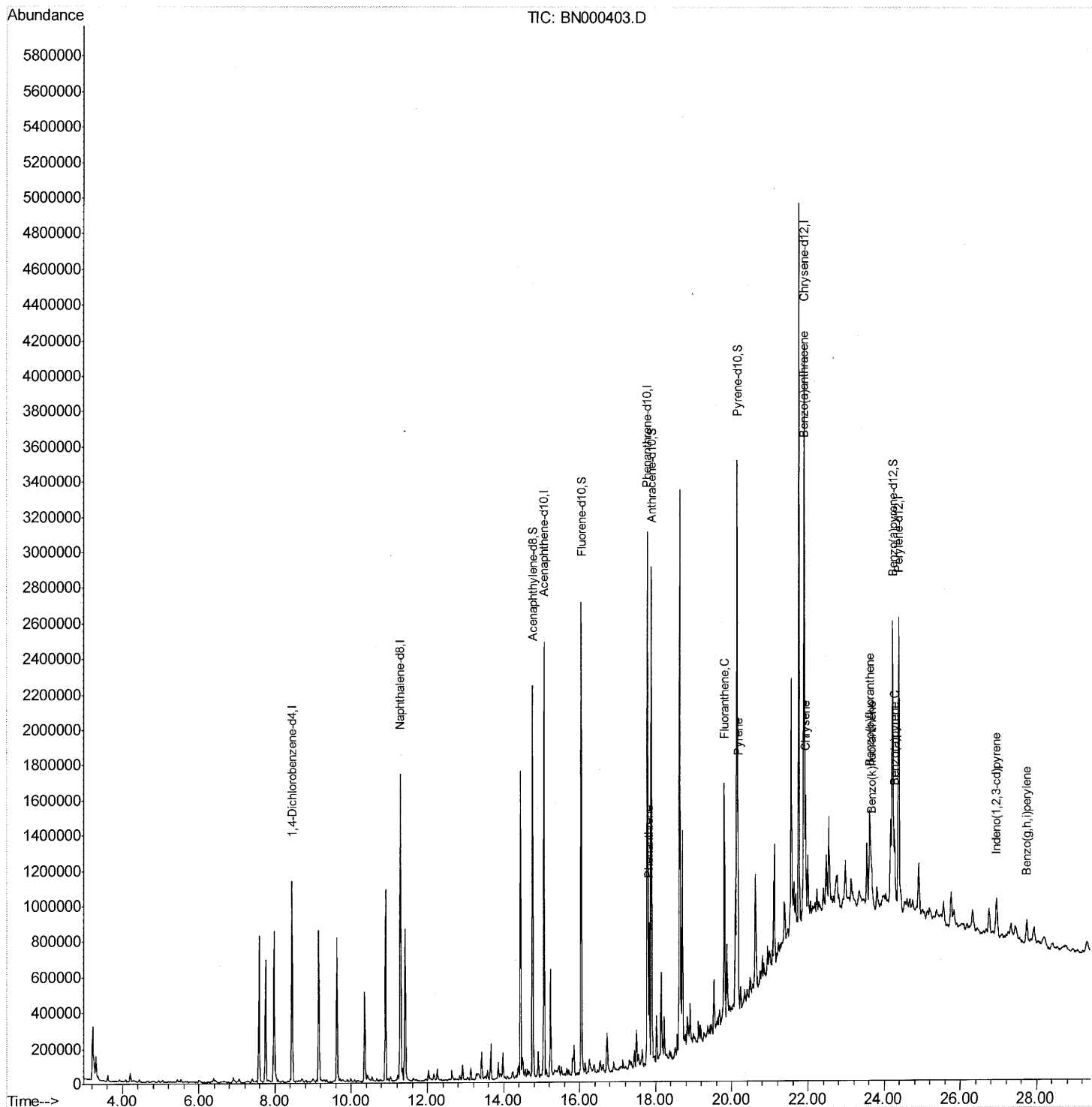
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000403.D
Acq On : 15 Mar 2018 07:52
Operator : JU/SJ
Sample : J1845-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAMD5

Manual Integrations
APPROVED

Sohil
3/15/2018 7:03:46 PM

Quant Time: Mar 15 08:26:08 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)

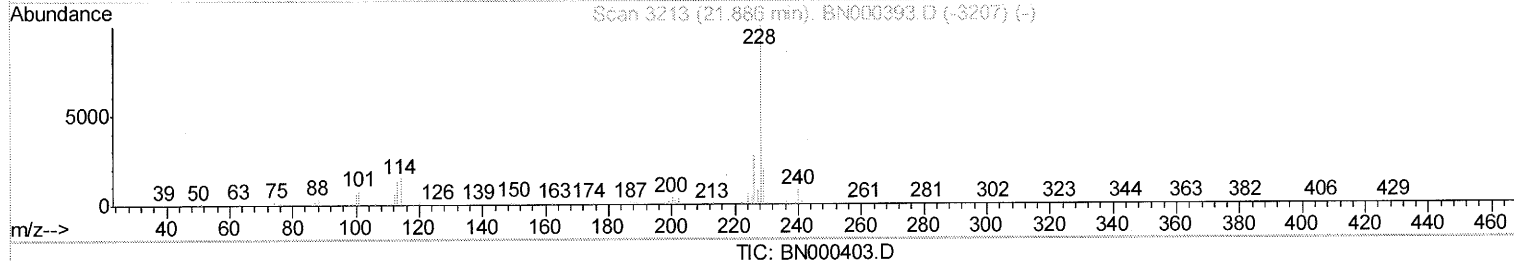
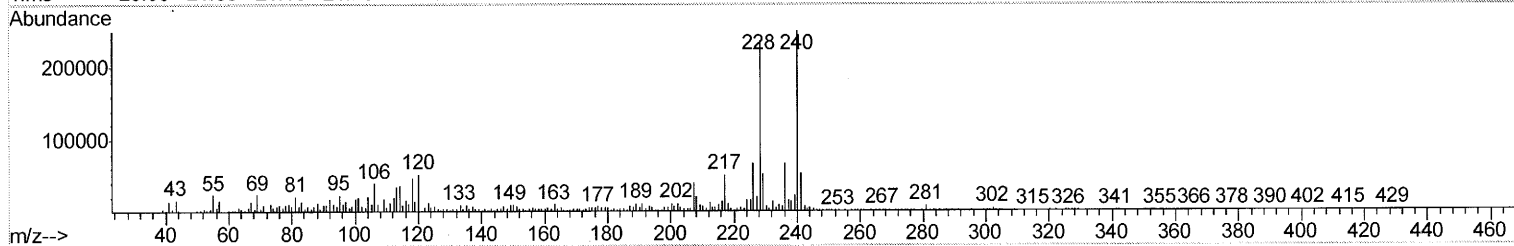
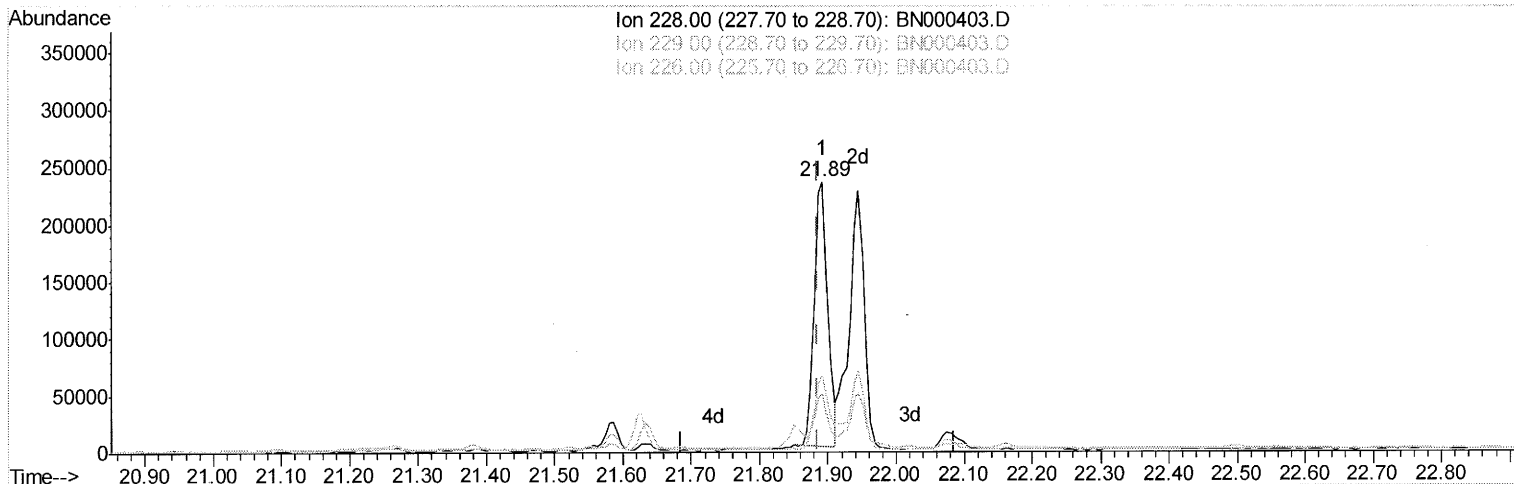
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 ClientSampleId :
 DAMD5

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:03:46 PM

Quant Time: Mar 15 08:24:45 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
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(20) Benzo(a)anthracene

21.892min (+0.006) 3.95ng/ul

response 323683

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.48
226.00	26.40	28.29
0.00	0.00	0.00

Quantitation Report (Qedit)

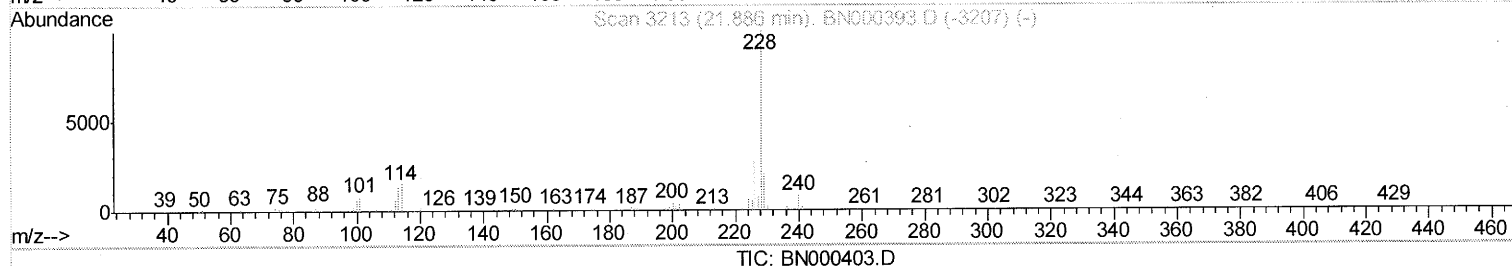
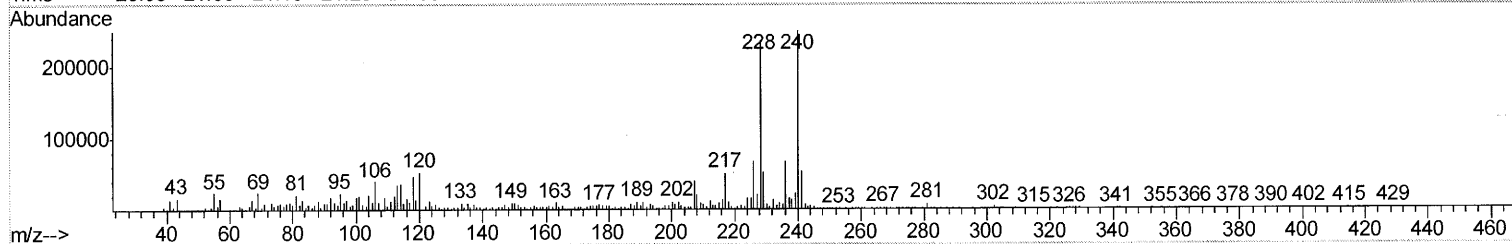
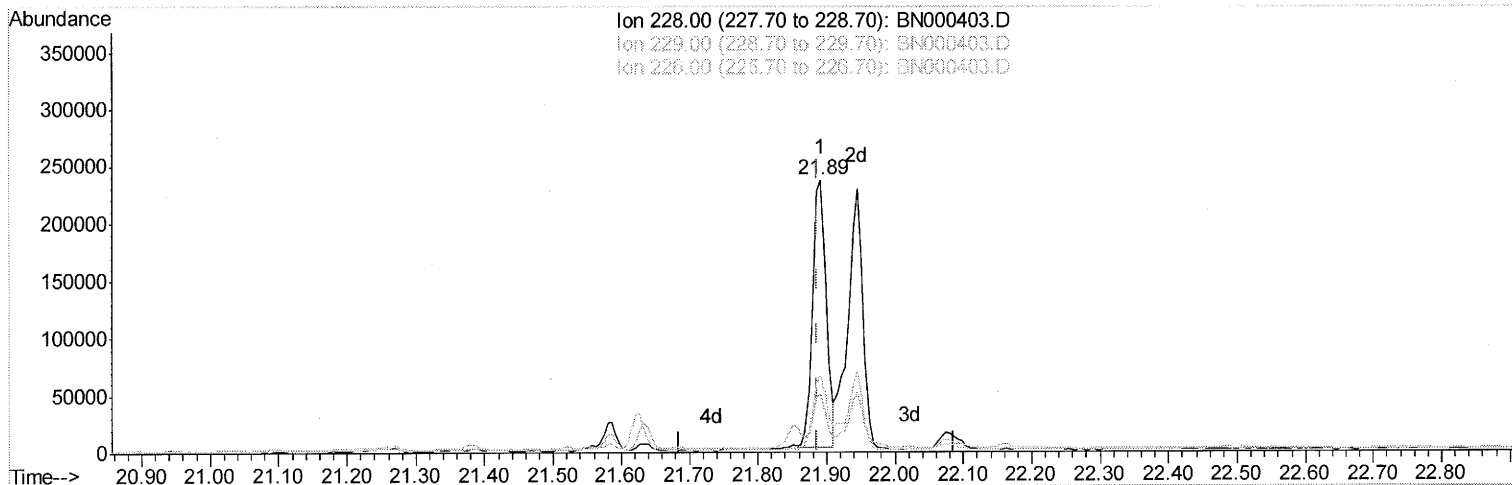
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Data File : BN000403.D
Acq On : 15 Mar 2018 07:52
Operator : JU/SJ
Sample : J1845-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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3/15/2018 7:03:46 PM

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Response via : Initial Calibration



(20) Benzo(a)anthracene

21.892min (+0.006) 4.01ng/ul m

JU 3/16/18

response 328565

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.48
226.00	26.40	28.29
0.00	0.00	0.00

Quantitation Report (Qedit)

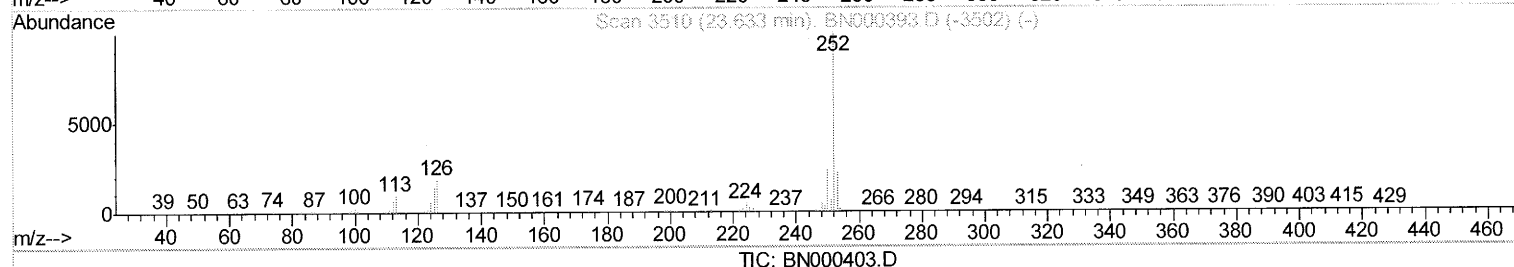
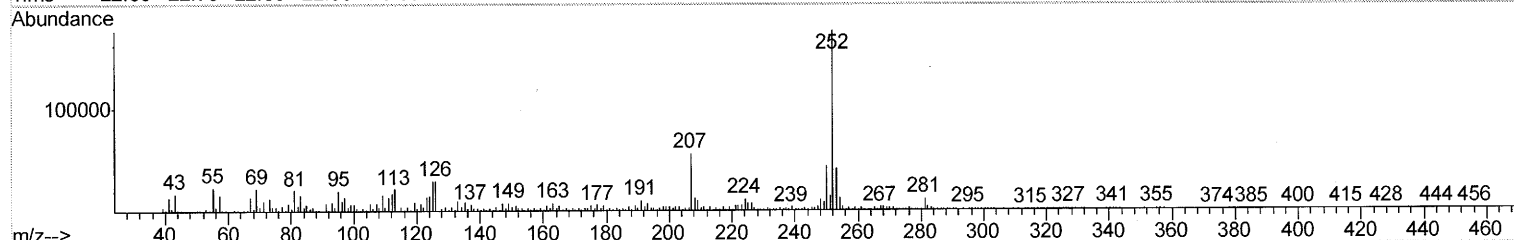
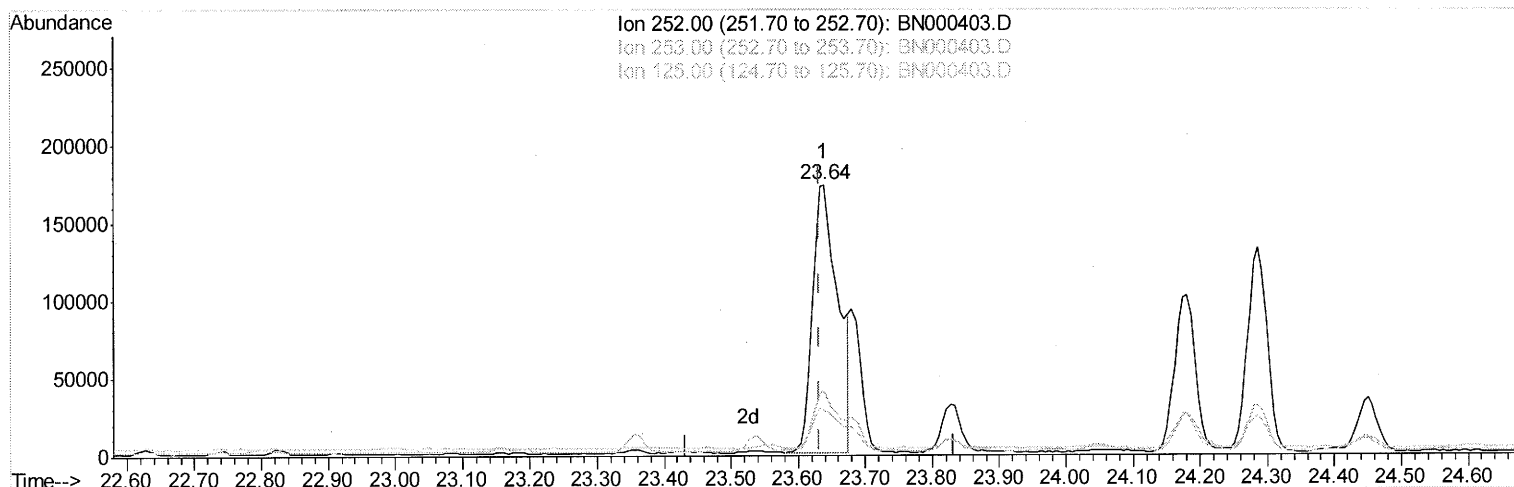
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 Operator : JU/SJ
 Sample : J1845-19
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 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
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Manual Integrations
 APPROVED

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(23) Benzo(b)fluoranthene

23.639min (+0.006) 6.47ng/ul

response 457724

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.73
125.00	10.00	16.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

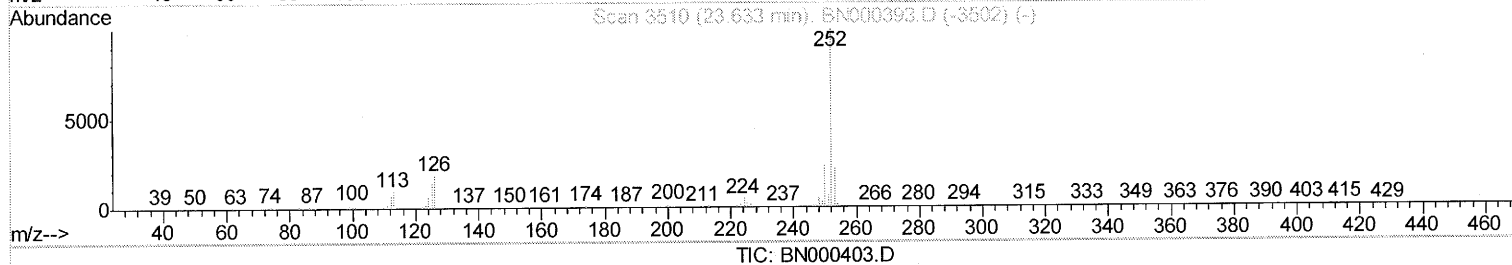
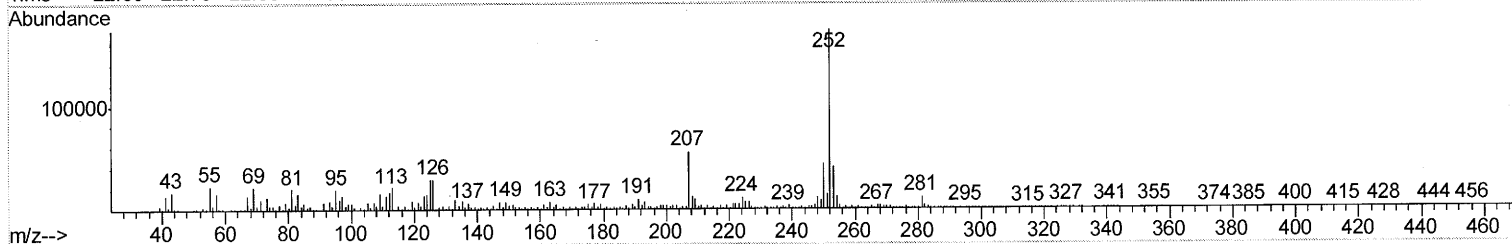
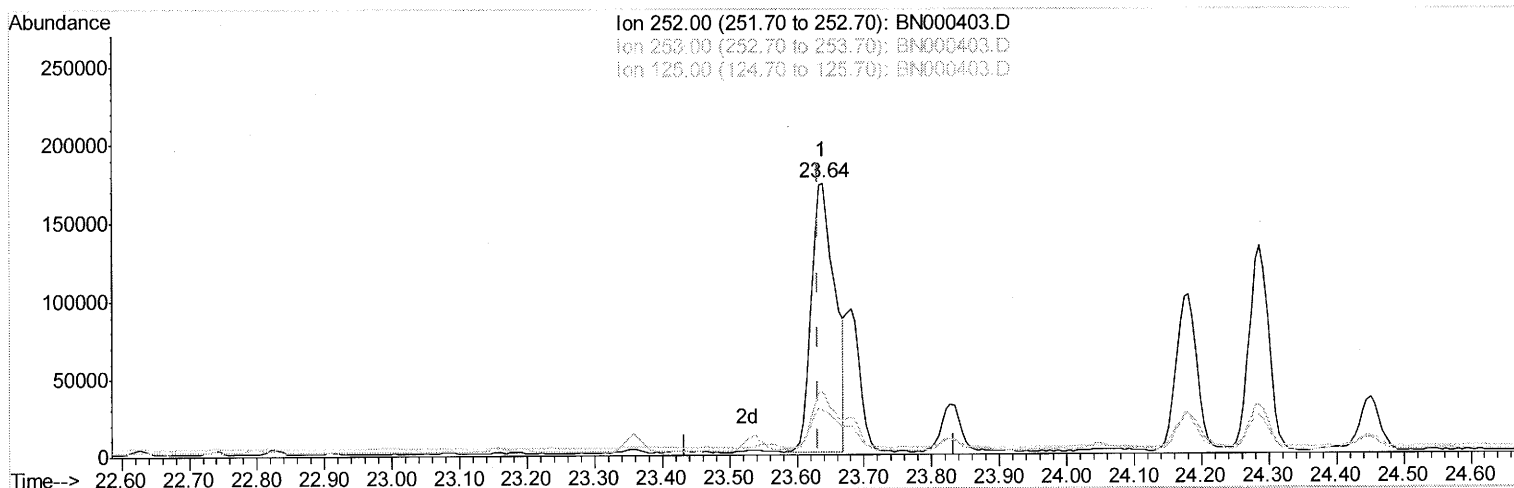
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000403.D
Acq On : 15 Mar 2018 07:52
Operator : JU/SJ
Sample : J1845-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
DAMD5

Manual Integrations
APPROVED

Sohil
3/15/2018 7:03:46 PM

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(23) Benzo(b)fluoranthene

23.639min (+0.006) 6.04ng/ul m

JU3/16/18

response 427278

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.73
125.00	10.00	16.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

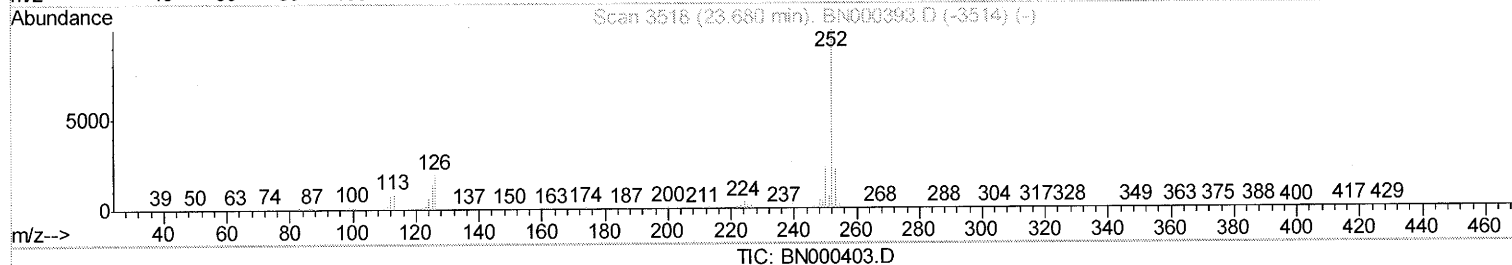
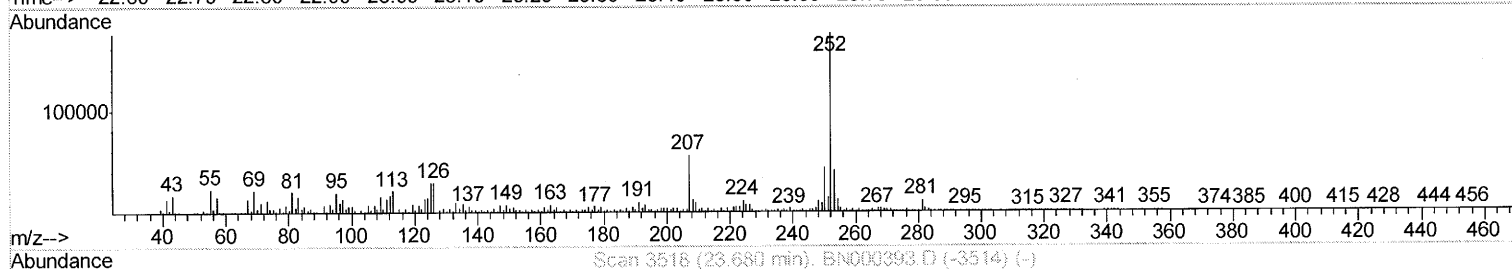
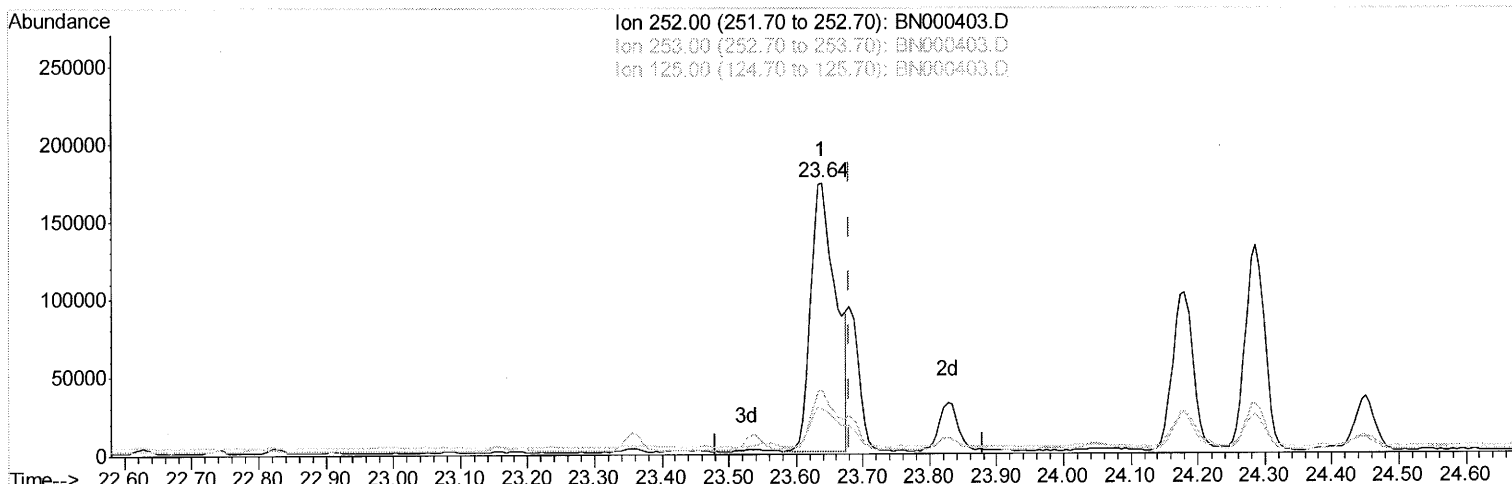
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000403.D
 Acq On : 15 Mar 2018 07:52
 Operator : JU/SJ
 Sample : J1845-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD5

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:03:46 PM

Quant Time: Mar 15 08:24:45 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
 23.639min (-0.041) 6.91ng/ul
 response 457724

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.73
125.00	10.10	16.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

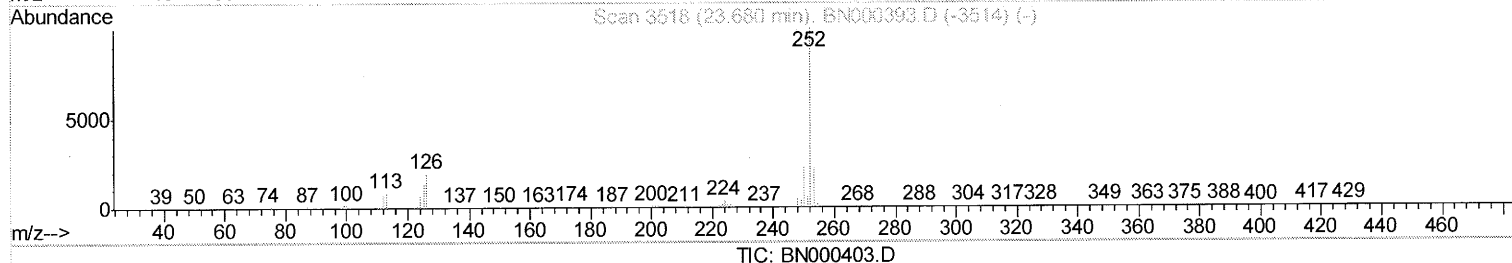
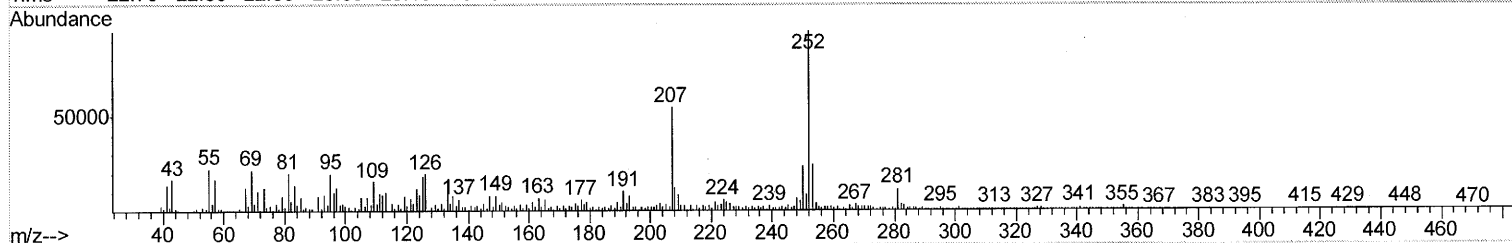
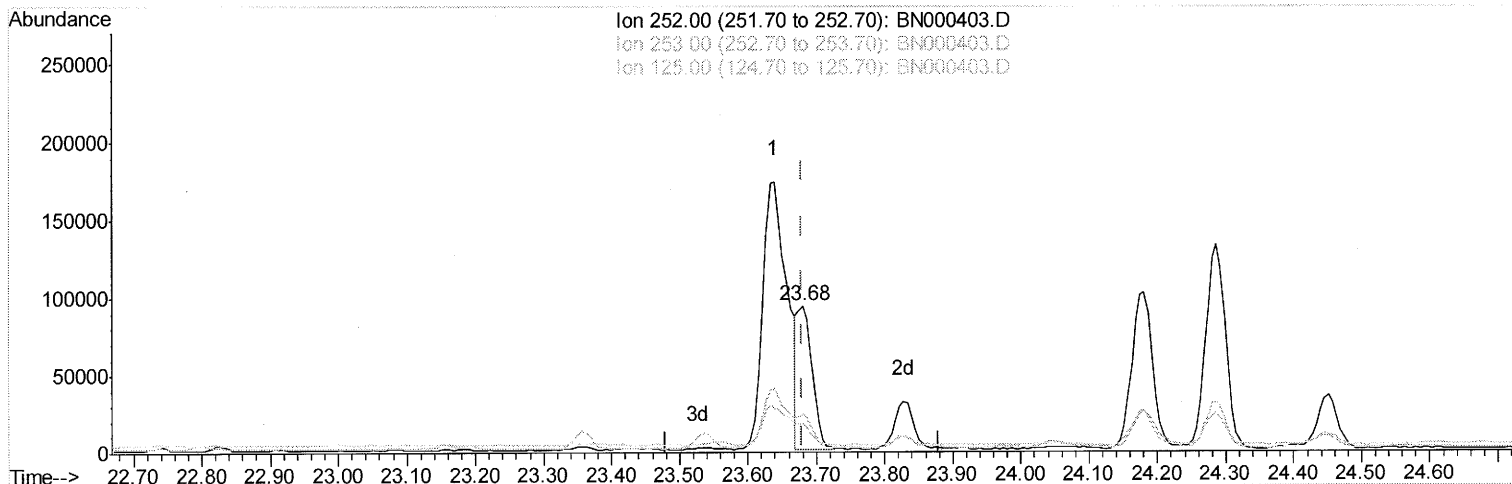
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000403.D
 Acq On : 15 Mar 2018 07:52
 Operator : JU/SJ
 Sample : J1845-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 DAMD5

Manual Integrations
 APPROVED

Sohil
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Quant Time: Mar 15 08:24:45 2018
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 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.680min (-0.000) 2.10ng/ul m

response 138739

JU 3/16/18

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.90
125.00	10.10	19.41#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000403.D
 Acq On : 15 Mar 2018 07:52
 Operator : JU/SJ
 Sample : J1845-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DAMD5

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152		306685	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136		1454978	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164		793293	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188		1663210	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240		1318741	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264		1186327	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160		1490782	18.93	ng/ul	0.00
10) Fluorene-d10	16.05	176		965436	18.11	ng/ul	0.00
14) Anthracene-d10	17.89	188		1434613	18.46	ng/ul	0.00
18) Pvrene-d10	20.14	212		1447911	22.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264		1030234	19.02	ng/ul	0.00

Target Compounds

					Ovalue	
13) Phenanthrene	17.83	178		408946	4.287	ng/ul 99
16) Fluoranthene	19.81	202		768307	7.455	ng/ul# 94
19) Pyrene	20.17	202		650202	7.809	ng/ul# 90
20) Benzo(a)anthracene	21.89	228		328565m -	4.008	ng/ul
21) Chrysene	21.94	228		349456	4.492	ng/ul 97
23) Benzo(b)fluoranthene	23.64	252		427278m >	6.040	ng/ul
24) Benzo(k)fluoranthene	23.68	252		138739m >	2.095	ng/ul
26) Benzo(a)pyrene	24.29	252		267506	3.973	ng/ul# 89
27) Indeno(1,2,3-cd)pyrene	26.96	276		185793	2.559	ng/ul# 84
29) Benzo(g,h,i)perylene	27.76	276		164162	2.708	ng/ul# 86

103/16/18
 > 103/16/18

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