

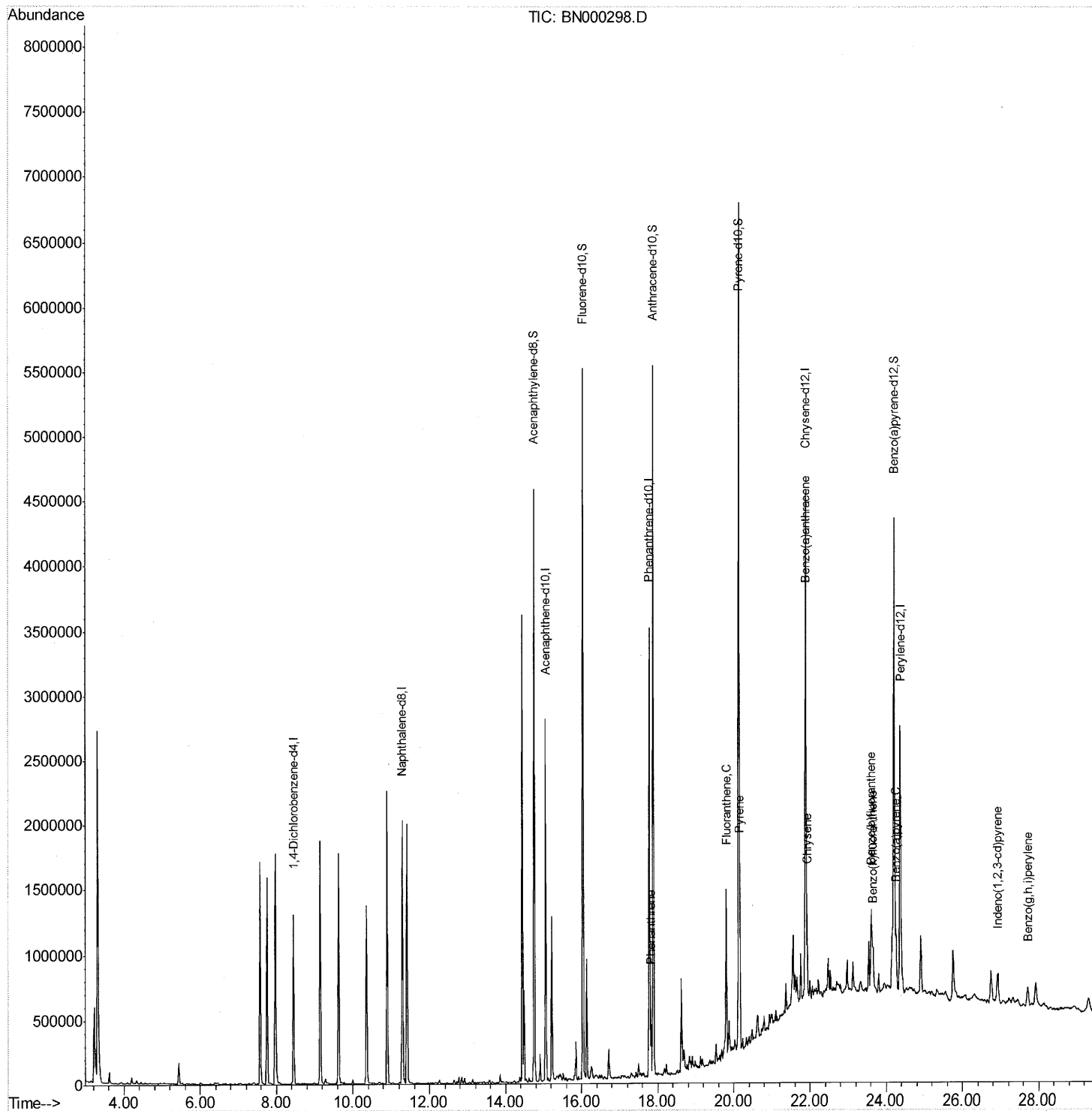
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000298.D
Acq On : 10 Mar 2018 00:37
Operator : JU/SJ
Sample : J1844-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM71

Manual Integrations
APPROVED

Sohil
3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:09:04 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

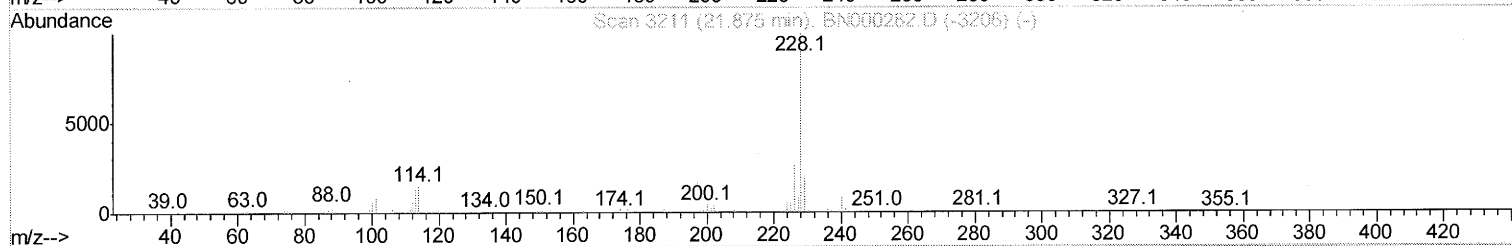
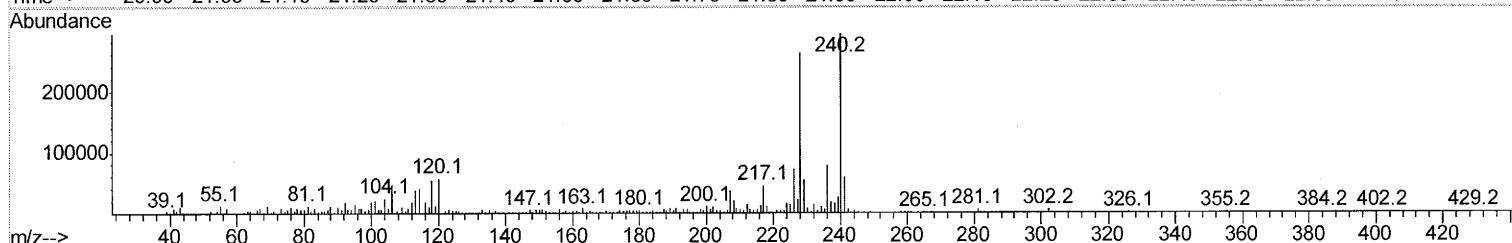
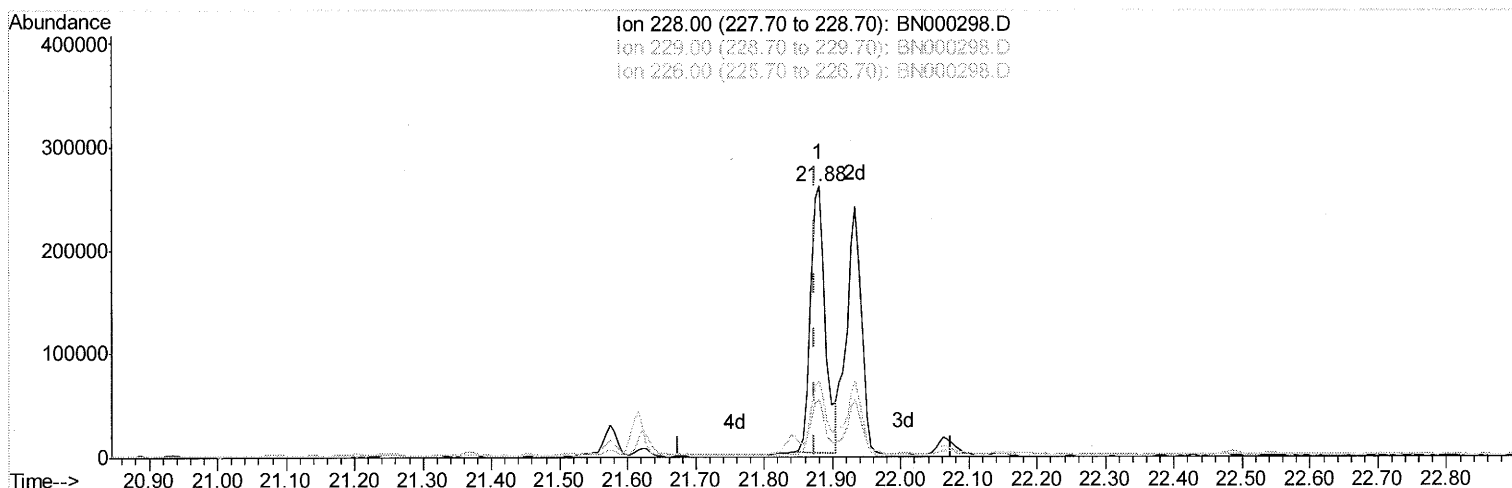
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
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Manual Integrations
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Sohil
3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:05:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration



TIC: BN000298.D

(20) Benzo(a)anthracene

21.880min (+0.006) 3.63ng/ul

response 386914

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.75
226.00	26.40	27.93
0.00	0.00	0.00

Quantitation Report (Qedit)

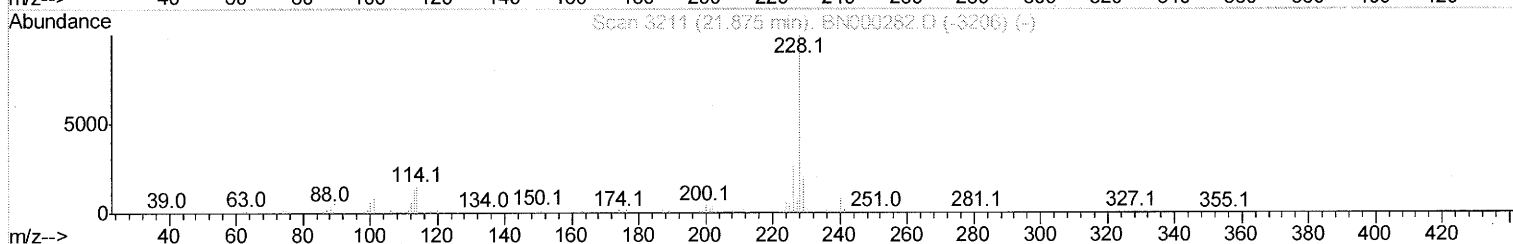
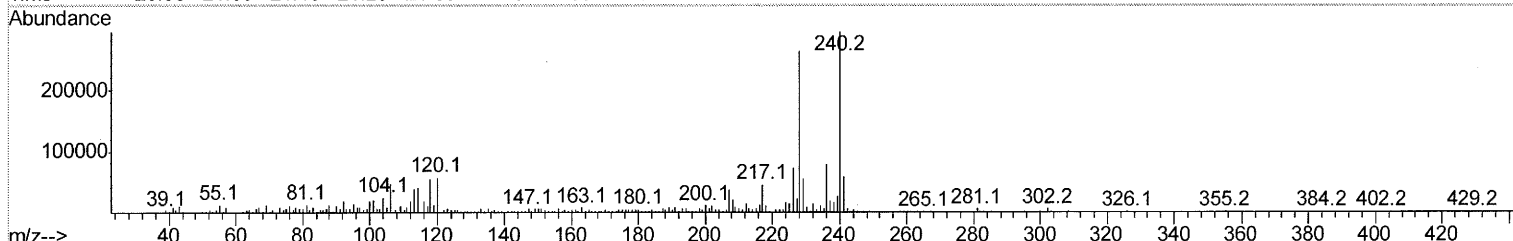
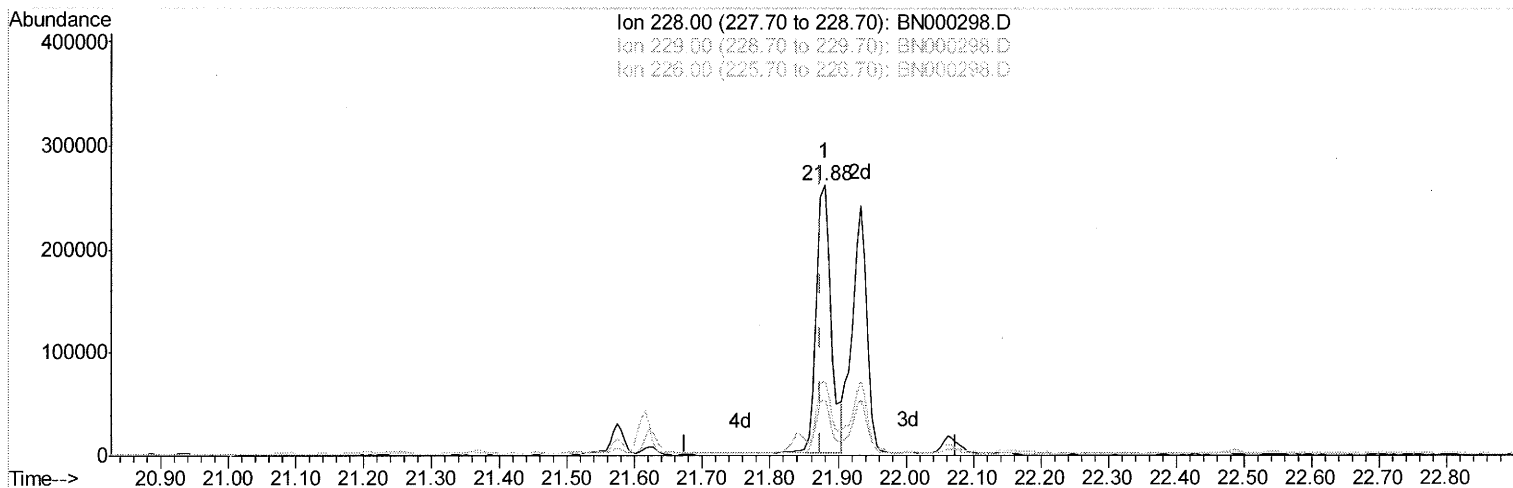
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000298.D
 Acq On : 10 Mar 2018 00:37
 Operator : JU/SJ
 Sample : J1844-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 DAM71

Manual Integrations
APPROVED

Sohil
 3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:05:59 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration



TIC: BN000298.D

(20) Benzo(a)anthracene

21.880min (+0.006) 3.71ng/ul m > SJ 3/16/18

response 394612

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.75
226.00	26.40	27.93
0.00	0.00	0.00

Quantitation Report (Qedit)

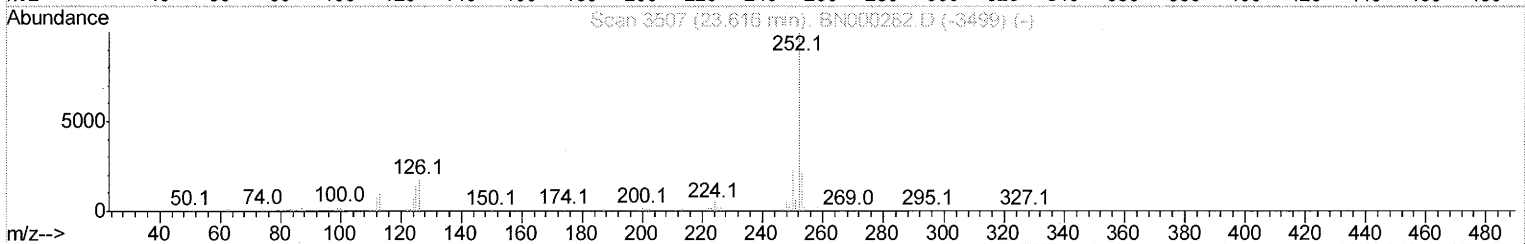
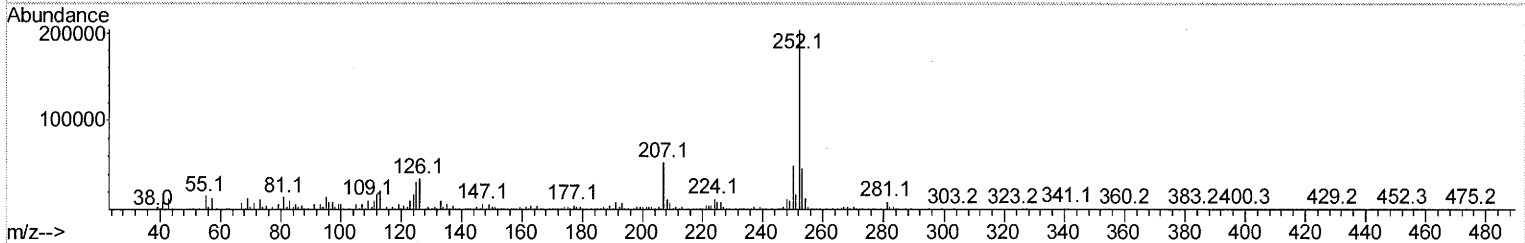
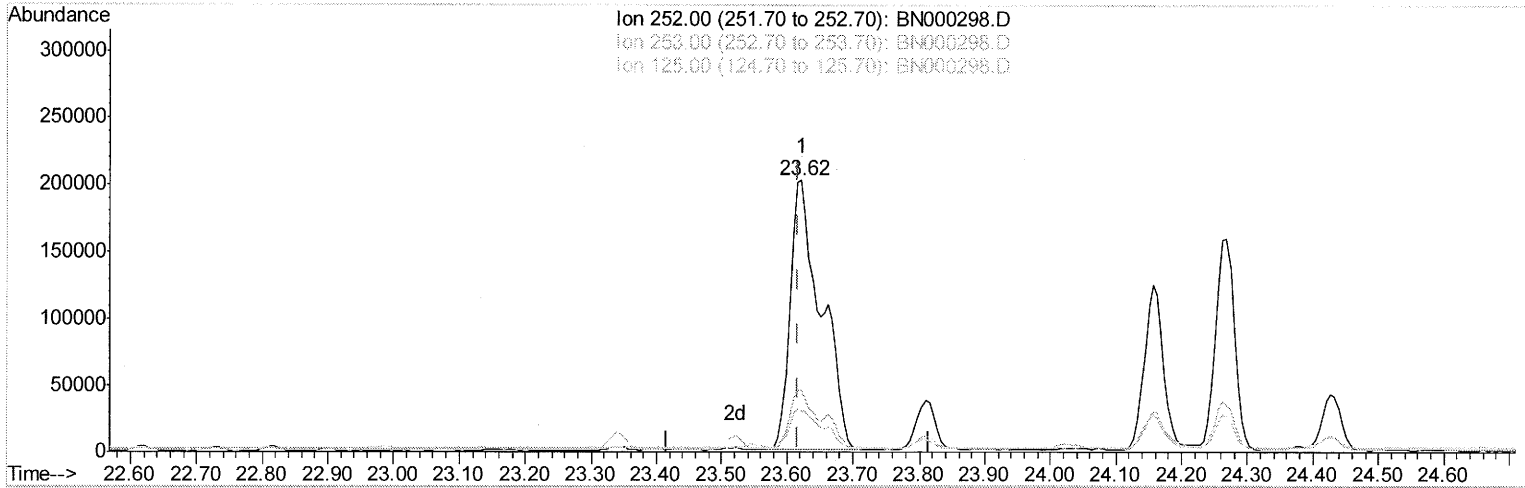
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000298.D
Acq On : 10 Mar 2018 00:37
Operator : JU/SJ
Sample : J1844-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM71

Manual Integrations
APPROVED

Sohil
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TIC: BN000298.D

(23) Benzo(b)fluoranthene

23.621min (+0.006) 7.30ng/ul

response 664070

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.66
125.00	10.00	15.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

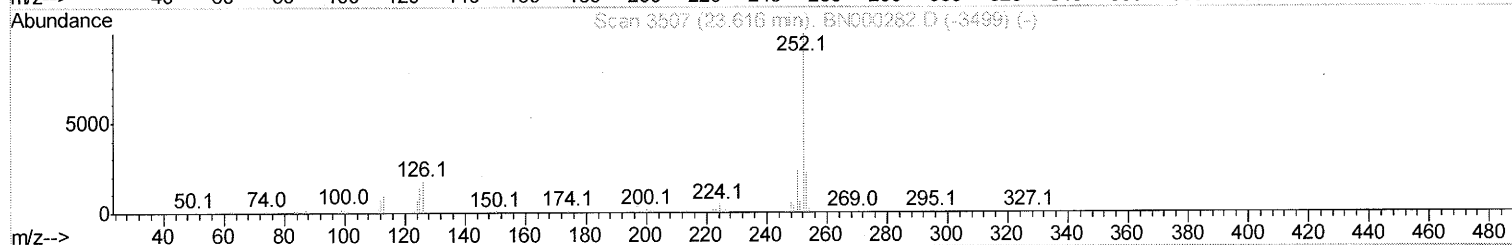
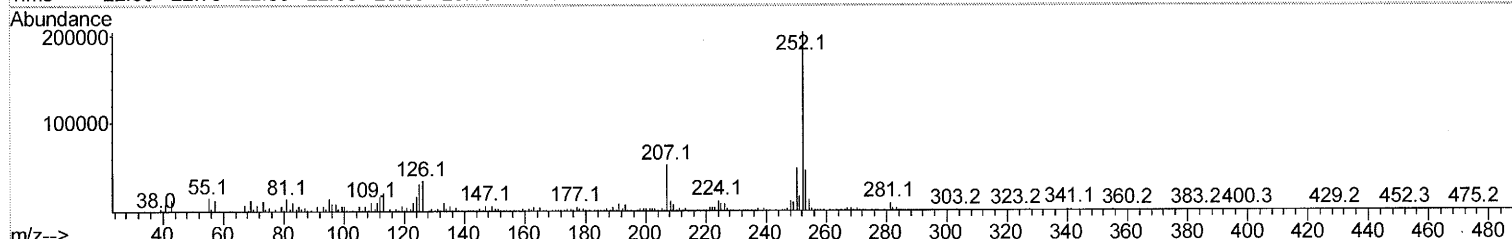
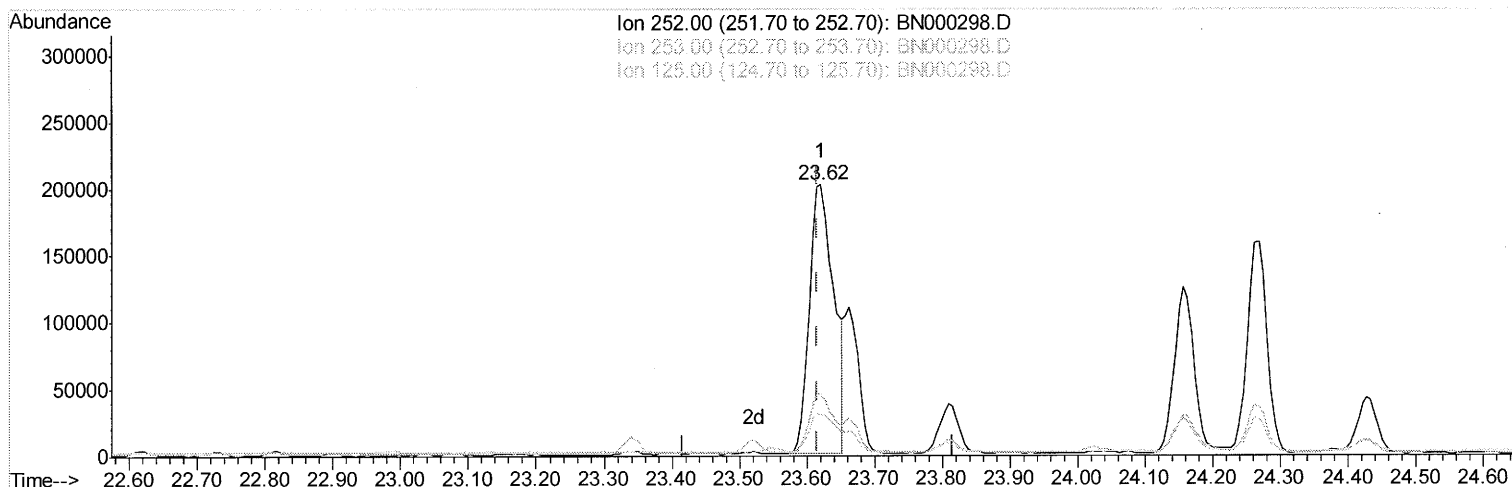
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000298.D
Acq On : 10 Mar 2018 00:37
Operator : JU/SJ
Sample : J1844-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
DAM71

Manual Integrations
APPROVED

Sohil
3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:05:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration



TIC: BN000298.D

(23) Benzo(b)fluoranthene

23.621min (+0.006) 5.51ng/ul m> SJ 3/16/18

response 501046

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.66
125.00	10.00	15.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

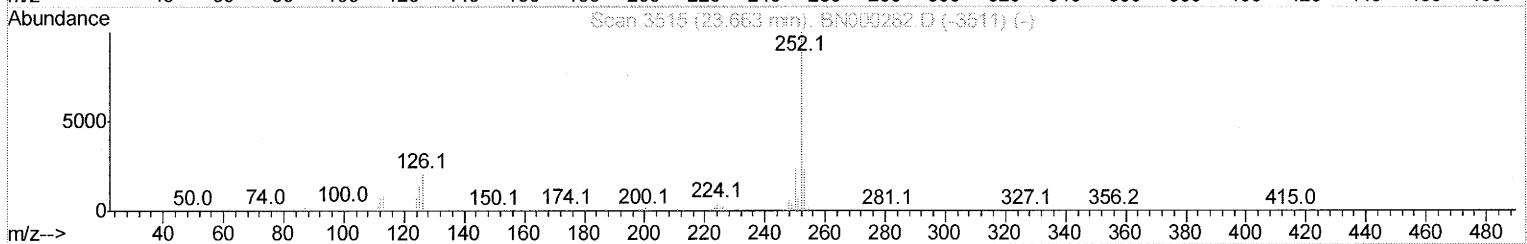
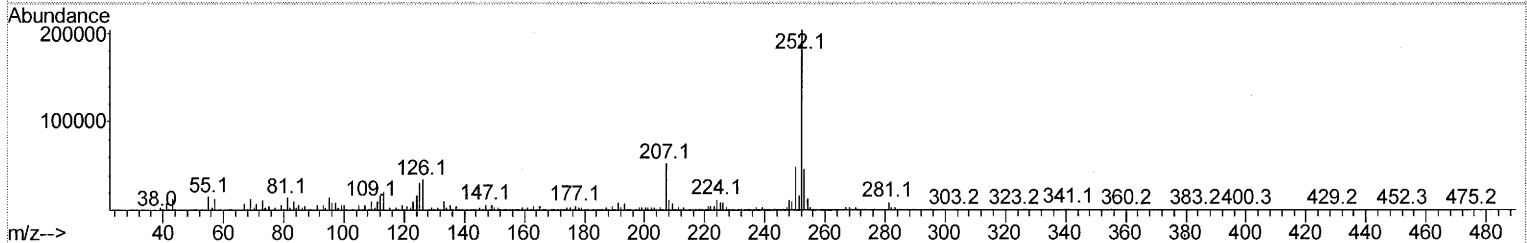
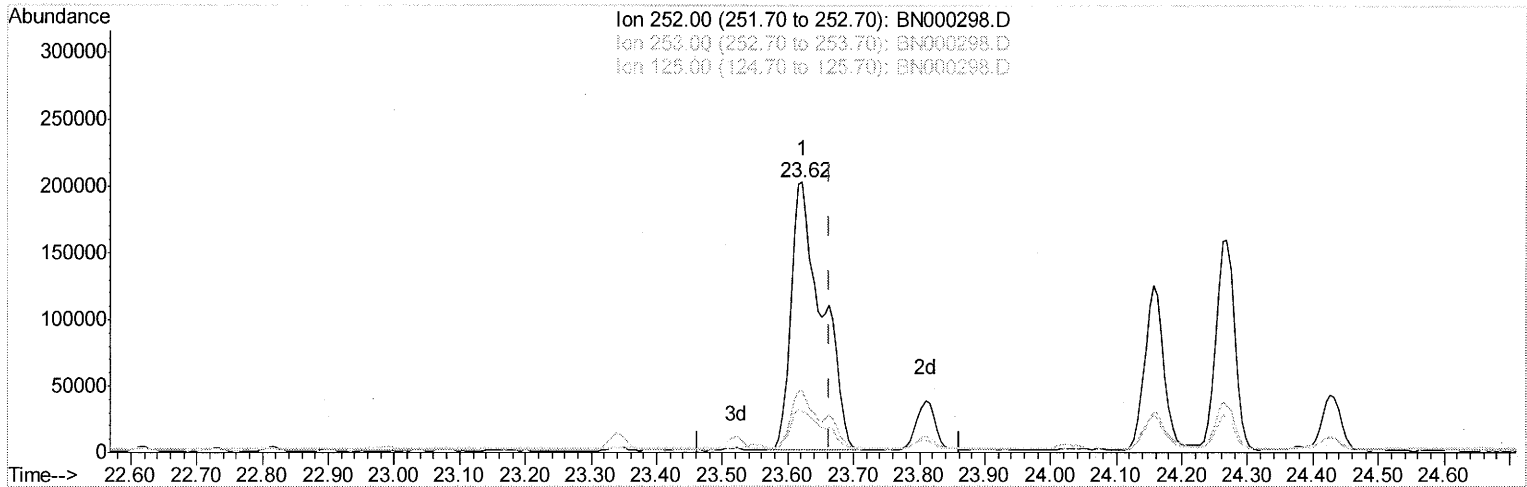
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000298.D
Acq On : 10 Mar 2018 00:37
Operator : JU/SJ
Sample : J1844-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM71

Manual Integrations
APPROVED

Sohil
3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:05:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration



TIC: BN000298.D

(24) Benzo(k)fluoranthene

23.621min (-0.041) 7.80ng/ul

response 664070

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.66
125.00	10.10	15.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

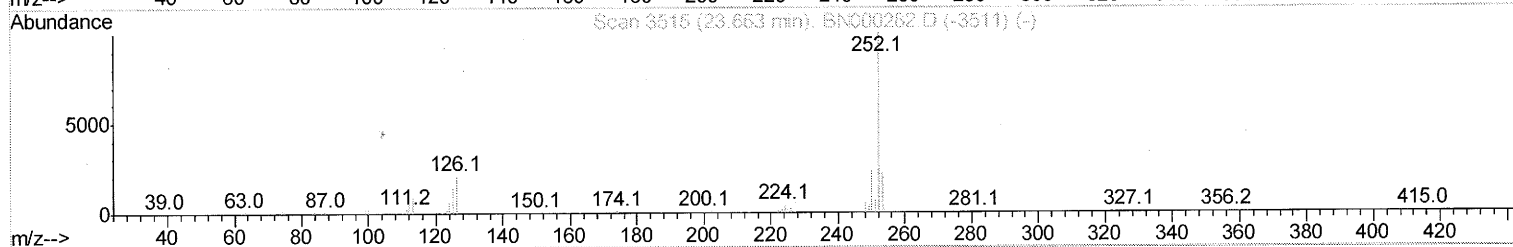
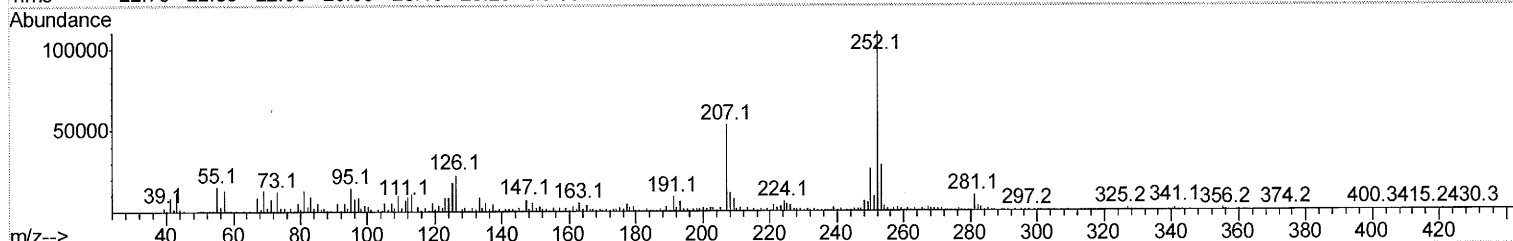
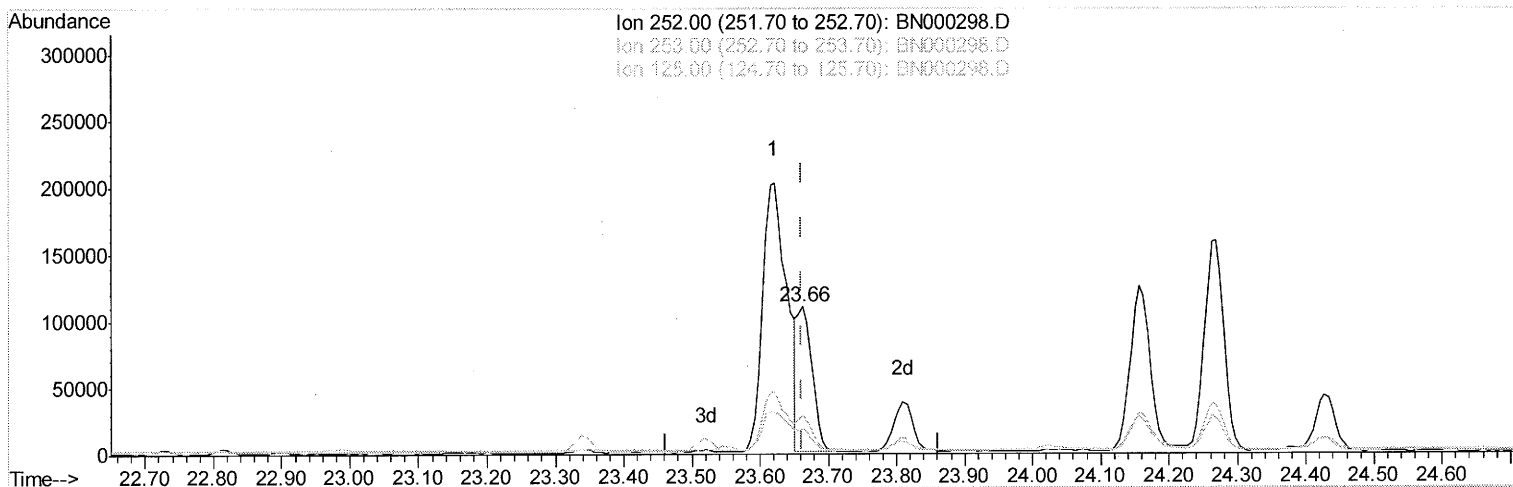
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Data File : BN000298.D
Acq On : 10 Mar 2018 00:37
Operator : JU/SJ
Sample : J1844-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAM71

Manual Integrations
APPROVED

Sohil
3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:05:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration



TIC: BN000298.D

(24) Benzo(k)fluoranthene

23.662min (-0.000) 1.92ng/ul m > SJ 3/16/18 ✓

response 163695

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.65
125.00	10.10	16.31#
0.00	0.00	0.00

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000298.D
 Acq On : 10 Mar 2018 00:37
 Operator : JU/SJ
 Sample : J1844-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM71

Manual Integrations
 APPROVED

Sohil
 3/12/2018 3:53:16 PM

Quant Time: Mar 12 02:09:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	360653	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1667741	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	910142	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1841424	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1712617	20.00	ng/ul	0.00
22) Perylene-d12	24.38	264	1525209	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	3196134	35.38	ng/ul	0.00
10) Fluorene-d10	16.04	176	2058519	33.65	ng/ul	0.00
14) Anthracene-d10	17.88	188	2965939	34.47	ng/ul	0.00
18) Pyrene-d10	20.13	212	3083799	36.81	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2494410	35.81	ng/ul	0.01

Target Compounds

					Ovalue	
13) Phenanthrene	17.82	178	282461	2.675	ng/ul	99
16) Fluoranthene	19.80	202	707184	6.198	ng/ul#	93
19) Pyrene	20.16	202	648112m	5.994	ng/ul	
20) Benzo(a)anthracene	21.88	228	394612m	3.706	ng/ul	
21) Chrysene	21.93	228	369197	3.654	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	501046m	5.509	ng/ul	
24) Benzo(k)fluoranthene	23.66	252	163695m	1.923	ng/ul	
26) Benzo(a)pyrene	24.27	252	318442	3.679	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.92	276	201741	2.162	ng/ul#	83
29) Benzo(a,h,i)perylene	27.72	276	178690	2.293	ng/ul#	88

SJ 3/16/18

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