

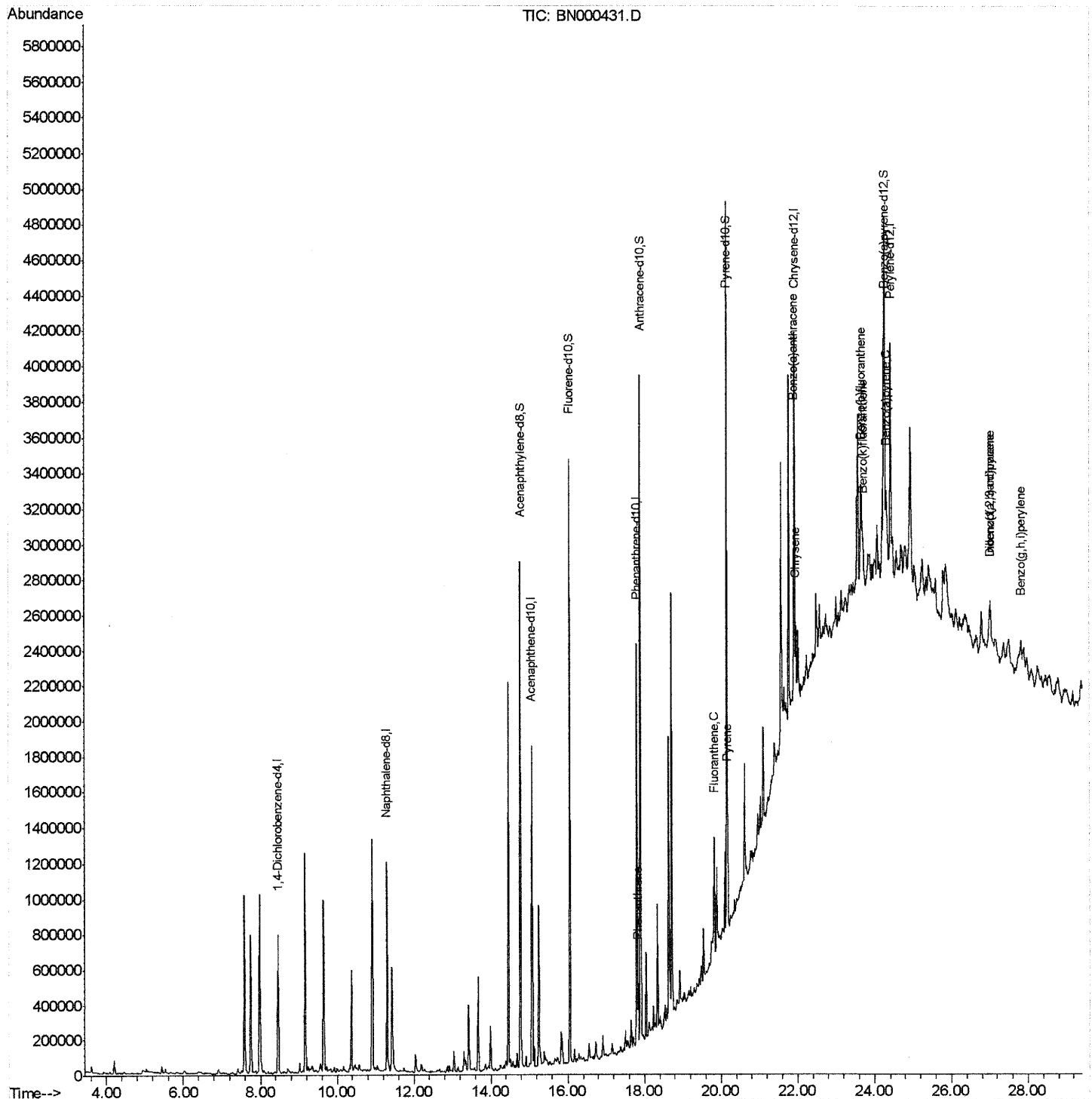
Instrument :
BNA_N
ClientSampleId :
DAMB9

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Data Path   : Z:\HPCHEM1\BNA N\DATA\BN031518\  
Data File   : BN000431.D  
Acq On      : 16 Mar 2018   00:05  
Operator    : JU/SJ  
Sample      : J1865-06  
Misc        :  
ALS Vial    : 25      Sample Multiplier: 1
```

Manual Integrations

Sohil
3/16/2018 12:12:06 PM

Quant Time: Mar 16 07:24:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

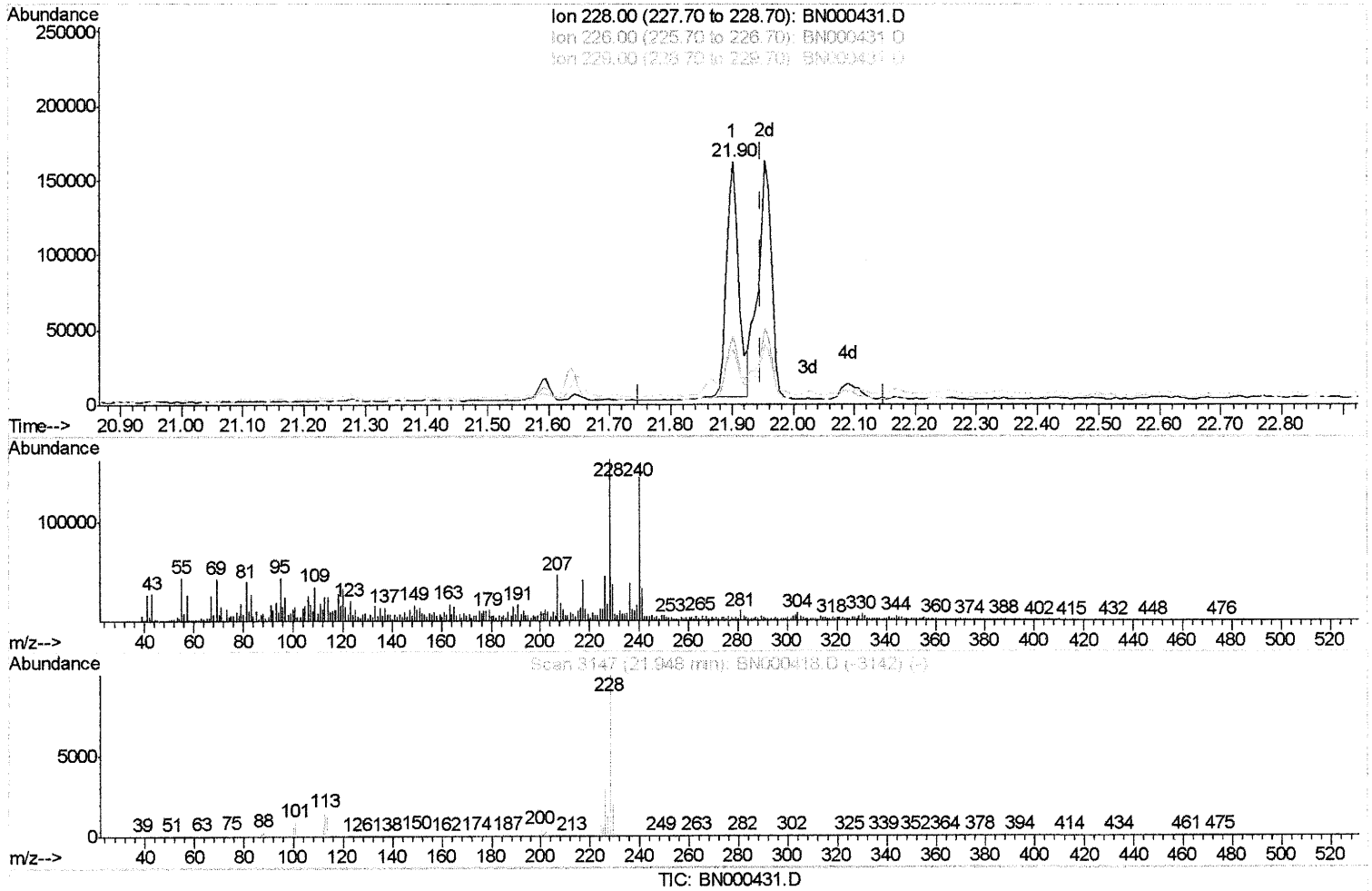
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000431.D
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 Operator : JU/SJ
 Sample : J1865-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DAMB9

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:12:06 PM

Quant Time: Mar 16 06:52:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration



(21) Chrysene

21.901min (-0.047) 3.93ng/ul

response 222242

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	28.22
229.00	19.80	22.91
0.00	0.00	0.00

Quantitation Report (Qedit)

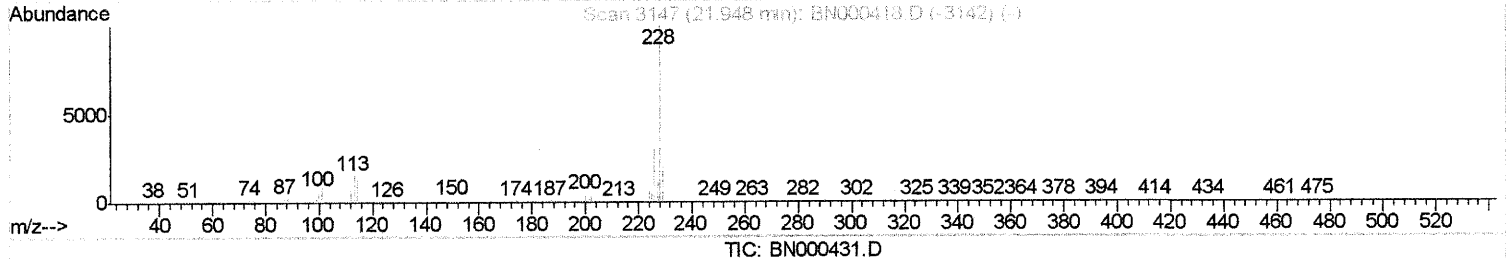
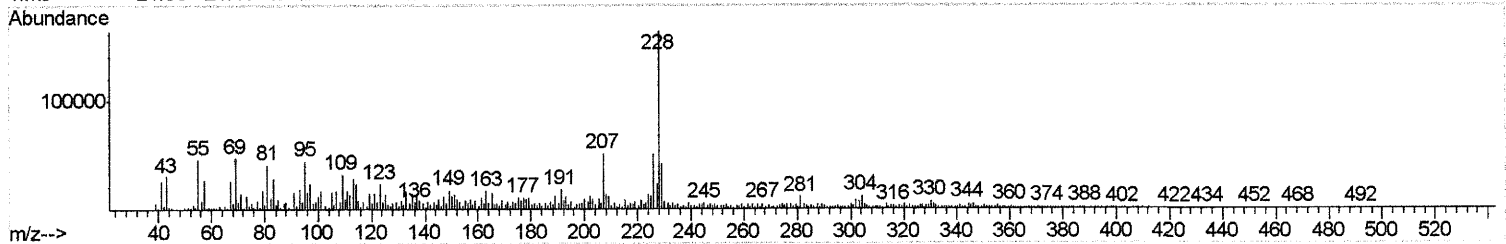
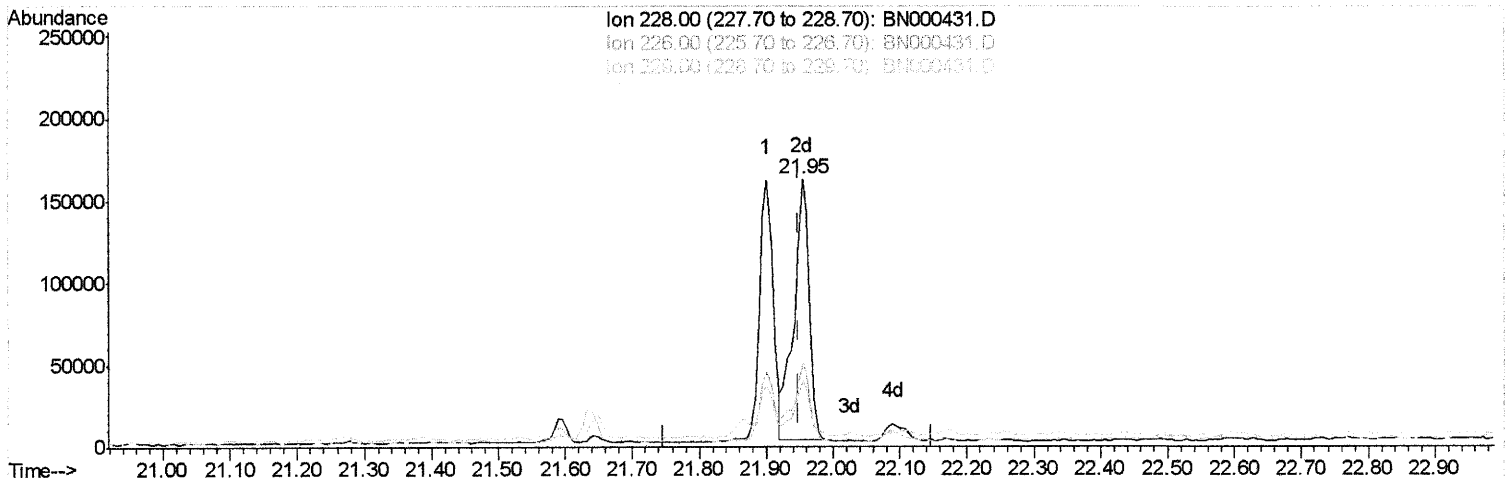
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
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Manual Integrations
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(21) Chrysene

21.954min (+0.006) 4.54ng/ul m

JU 3/16/18

response 256919

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.19
229.00	19.80	25.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

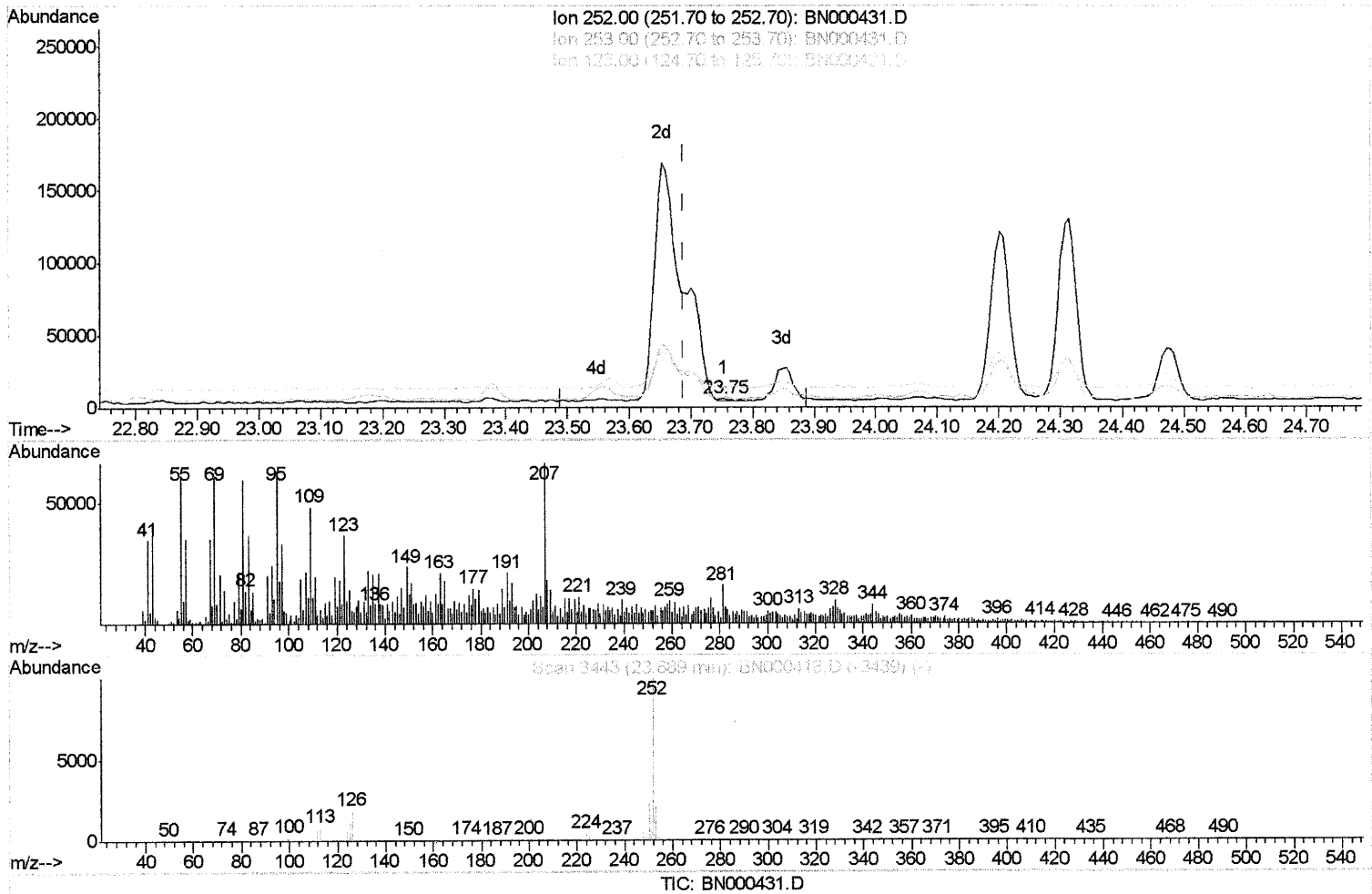
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000431.D
 Acq On : 16 Mar 2018 00:05
 Operator : JU/SJ
 Sample : J1865-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMB9

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:12:06 PM

Quant Time: Mar 16 06:52:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
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 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.754min (+0.065) 0.03ng/ul

response 1715

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	127.24#
125.00	10.10	247.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

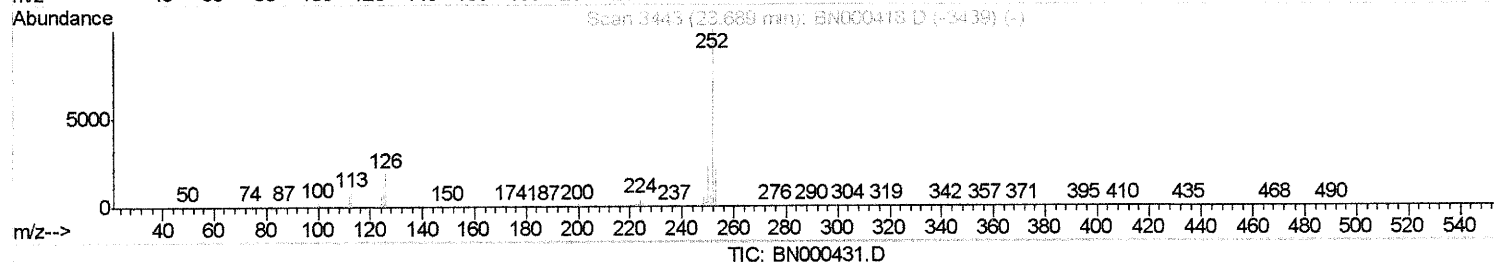
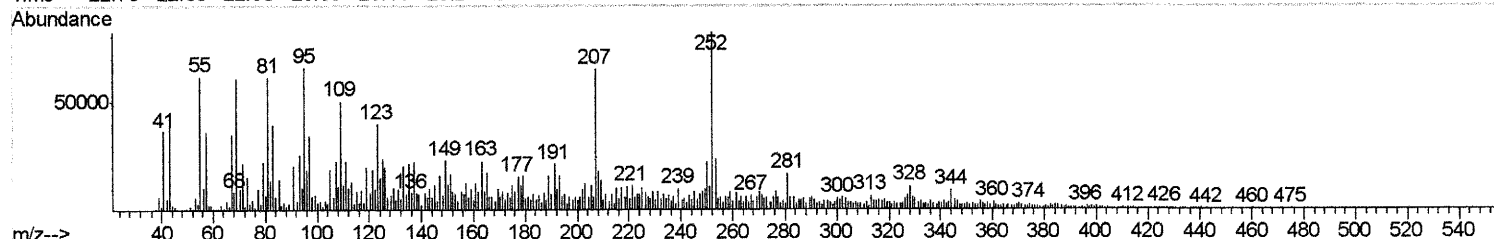
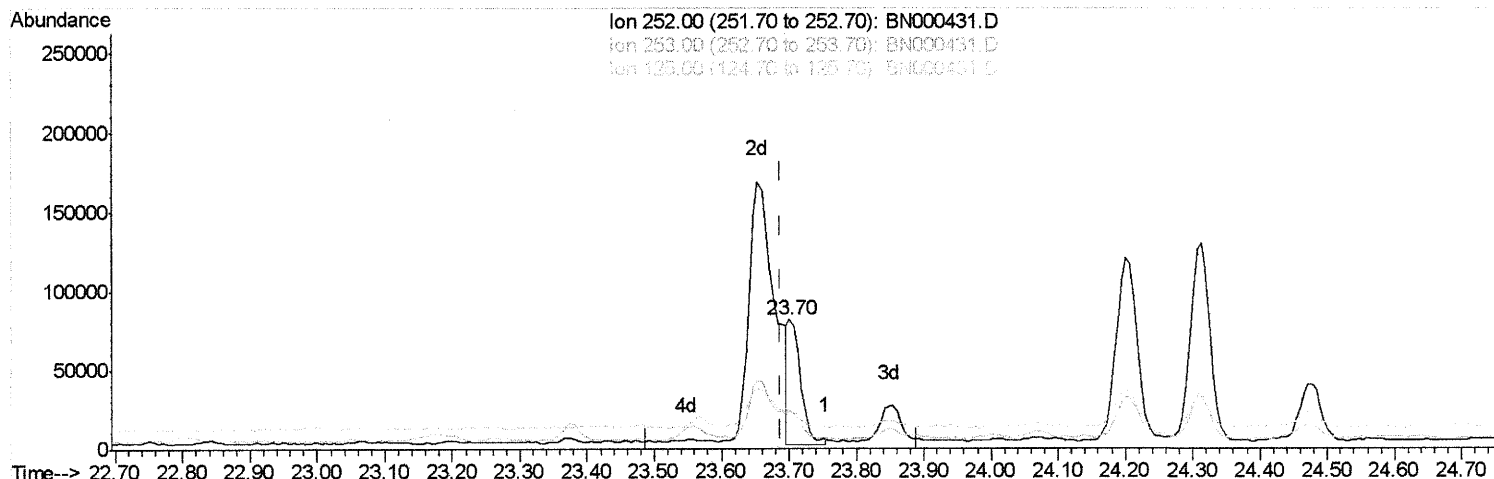
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000431.D
 Acq On : 16 Mar 2018 00:05
 Operator : JU/SJ
 Sample : J1865-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DAMB9

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:12:06 PM

Quant Time: Mar 16 06:52:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene
 23.701min (+0.012) 2.05ng/ul m
 response 101888
 Ion Exp% Act%
 252.00 100 100
 253.00 22.50 28.92#
 125.00 10.10 29.36#
 0.00 0.00 0.00

JU 3/16/18

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	211449	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	987510	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	557965	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1223177	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	959592	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	889838	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.77	160	1949020	35.19	ng/ul	0.00
10) Fluorene-d10	16.05	176	1290359	34.41	ng/ul	0.00
14) Anthracene-d10	17.90	188	2013996	35.24	ng/ul	0.00
18) Pvrene-d10	20.15	212	1953332	41.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	1451896	35.73	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.84	178	124892	1.780	ng/ul	98
16) Fluoranthene	19.82	202	370375	4.887	ng/ul#	93
19) Pyrene	20.18	202	335909	5.544	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	212797	3.567	ng/ul	95
21) Chrysene	21.95	228	256919m	4.538	ng/ul	
23) Benzo(b)fluoranthene	23.65	252	428514	8.076	ng/ul#	84
24) Benzo(k)fluoranthene	23.70	252	101888m	2.051	ng/ul	
26) Benzo(a)pyrene	24.31	252	255919	5.068	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	27.01	276	225529	4.142	ng/ul#	78
28) Dibenzo(a,h)anthracene	27.01	278	67743	1.518	ng/ul#	36
29) Benzo(g,h,i)perylene	27.82	276	219772	4.834	ng/ul#	79

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