

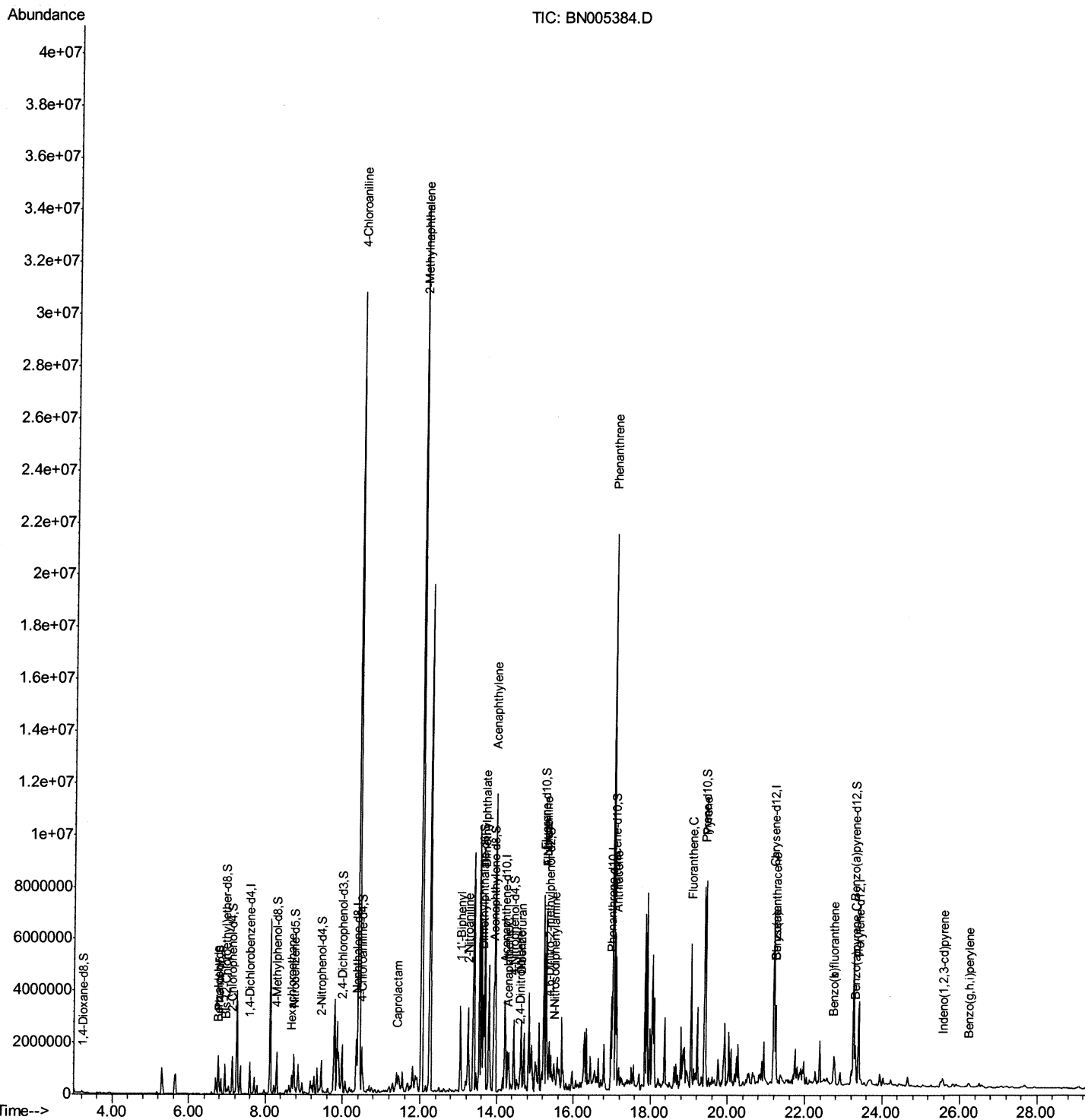
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005384.D
Acq On : 30 Apr 2019 22:32
Operator : JU/SJ
Sample : K2481-17ME
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHXOME

Manual Integrations
APPROVED

Sohil
5/1/2019 12:05:52 PM

Quant Time: May 01 00:45:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

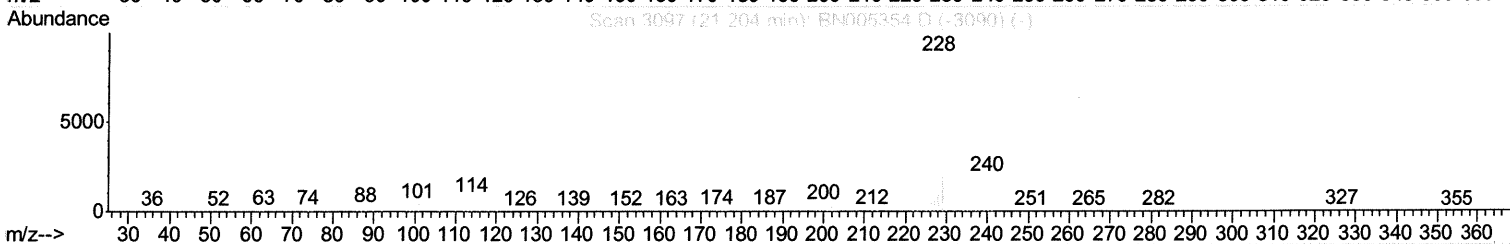
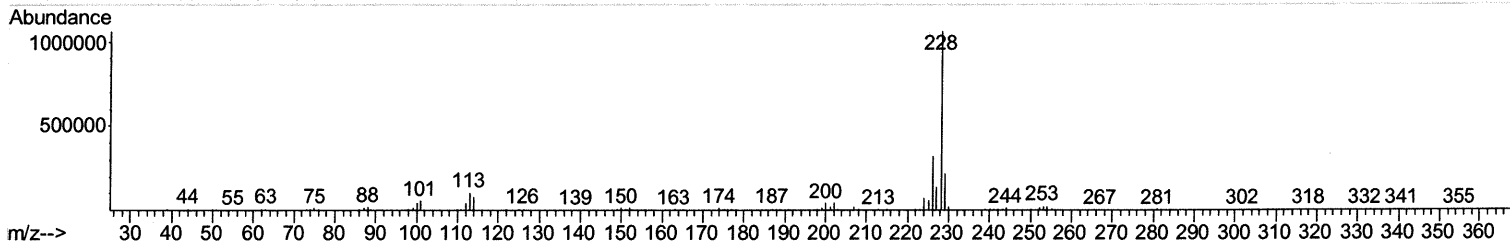
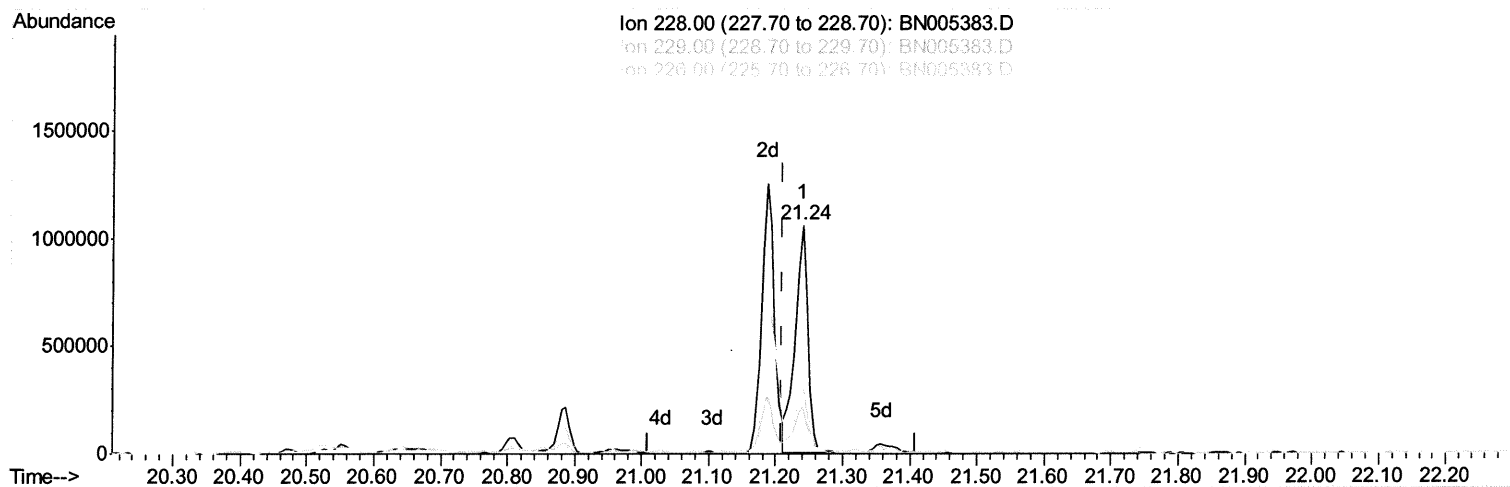
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005383.D
Acq On : 30 Apr 2019 21:58
Operator : JU/SJ
Sample : K2481-06ME
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX0ME

Manual Integrations
APPROVED

Sohil
5/1/2019 12:05:52 PM

Quant Time: May 01 07:03:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



TIC: BN005383.D

(82) Benzo(a)anthracene

21.239min (+0.030) 8.85ng/ul

response 1401037

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.57
226.00	26.80	29.87
0.00	0.00	0.00

Quantitation Report (Qedit)

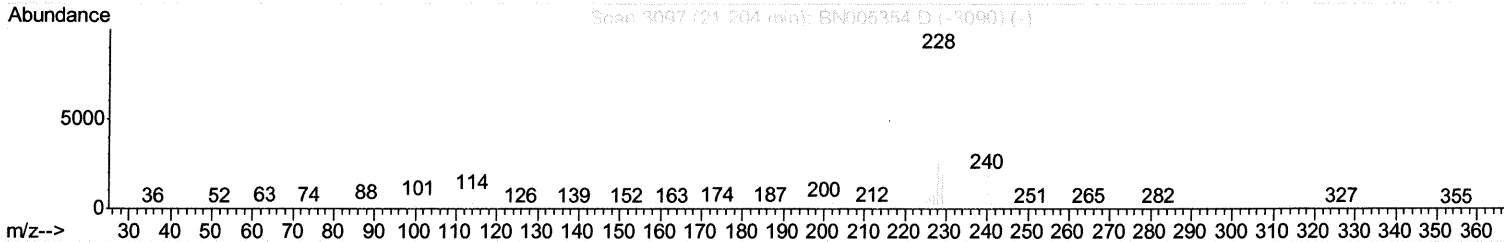
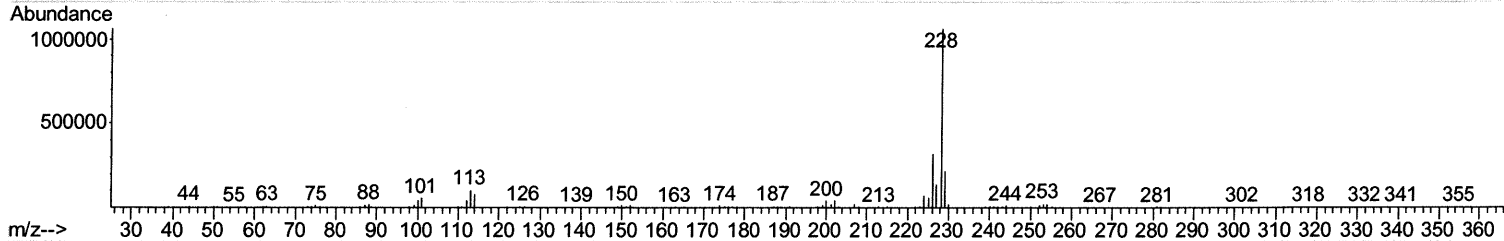
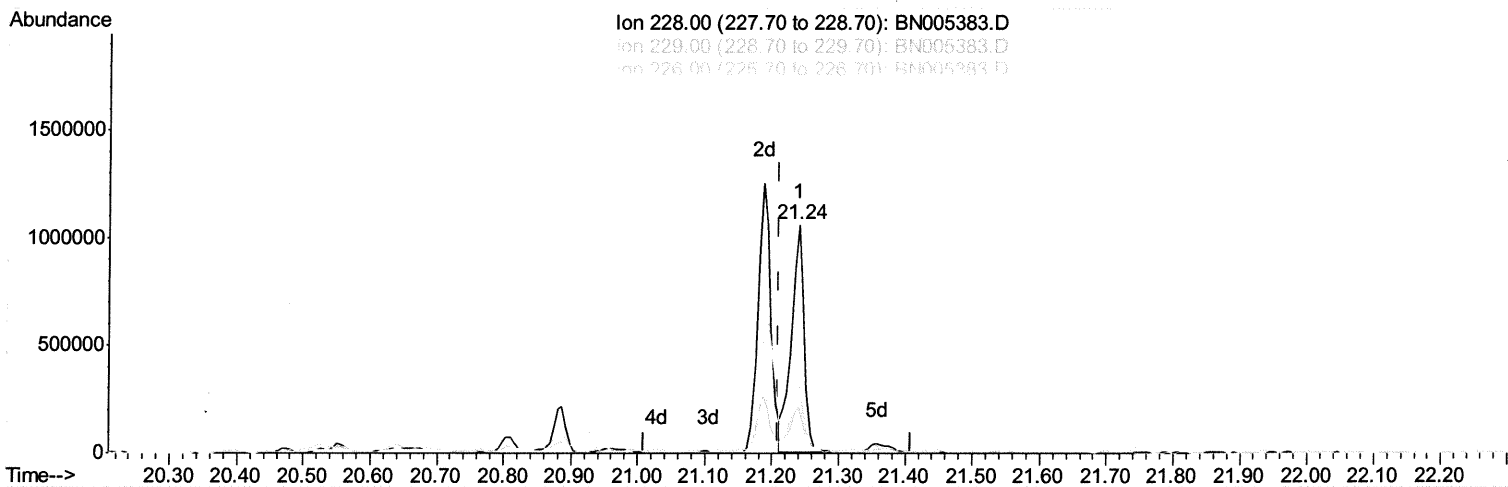
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005383.D
Acq On : 30 Apr 2019 21:58
Operator : JU/SJ
Sample : K2481-06ME
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BN005383.D

(82) Benzo(a)anthracene

21.239min (+0.030) 8.85ng/ul

response 1401037

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.57
226.00	26.80	29.87
0.00	0.00	0.00

Quantitation Report (Qedit)

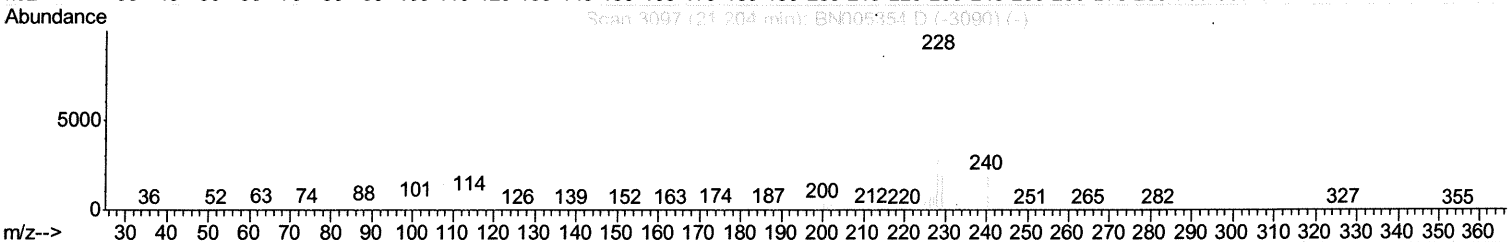
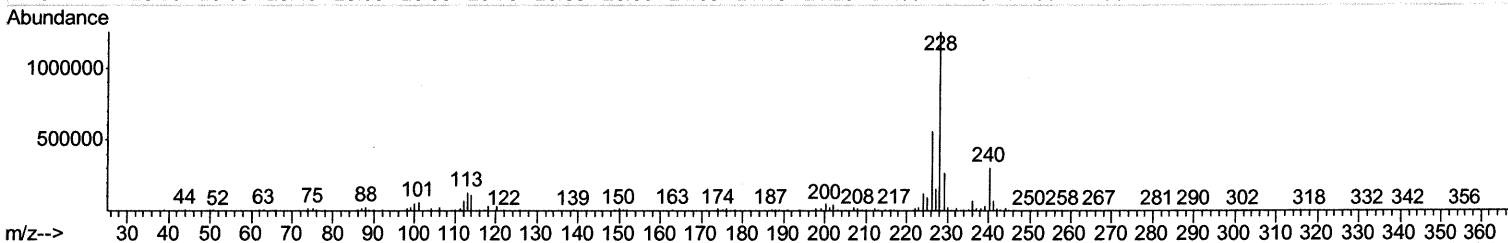
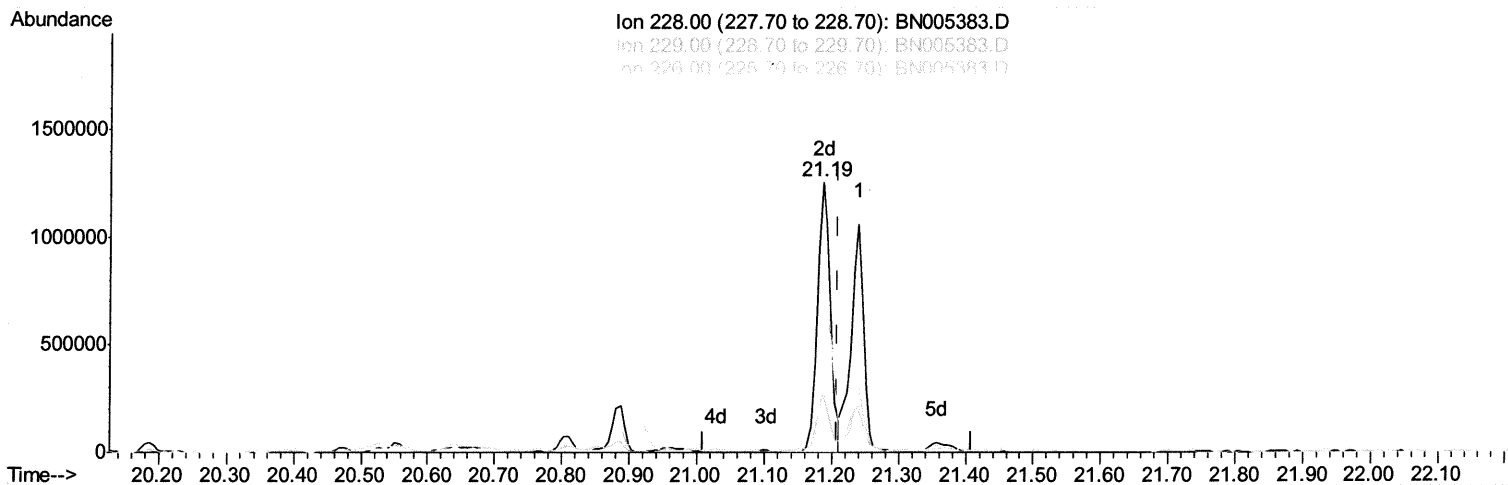
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
 Data File : BN005383.D
 Acq On : 30 Apr 2019 21:58
 Operator : JU/SJ
 Sample : K2481-06ME
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX0ME

Manual Integrations
 APPROVED

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 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



TIC: BN005383.D

(82) Benzo(a)anthracene

21.186min (-0.023) 10.71ng/ul m SJ 05/03/19

response 1696570

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.19
226.00	26.80	44.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

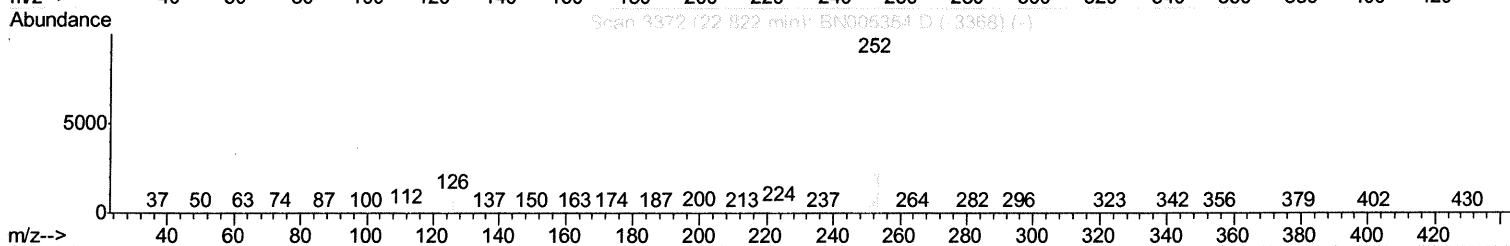
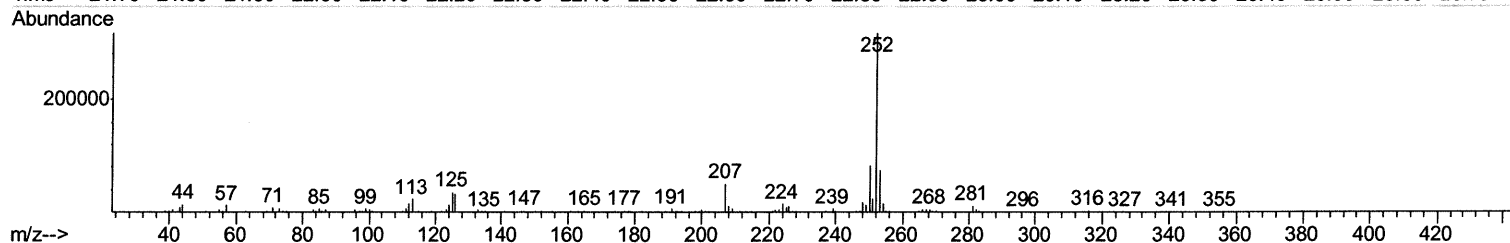
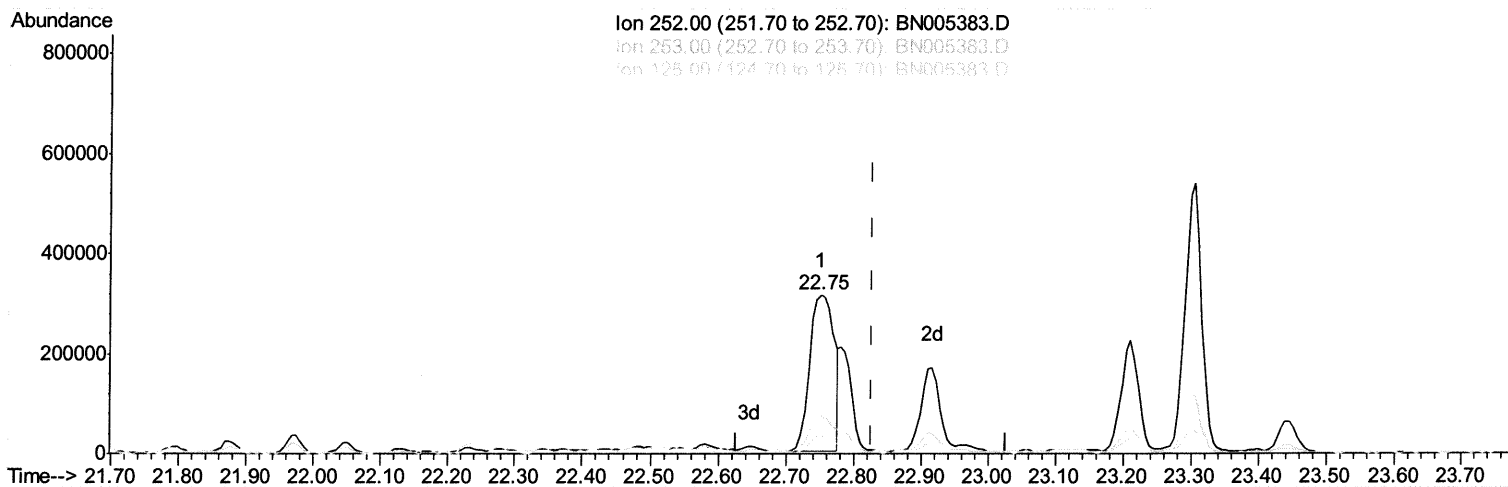
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005383.D
Acq On : 30 Apr 2019 21:58
Operator : JU/SJ
Sample : K2481-06ME
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
5/1/2019 12:05:52 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



TIC: BN005383.D

(88) Benzo(k)fluoranthene

22.751min (-0.076) 5.45ng/ul

response 772004

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.11
125.00	9.40	11.20
0.00	0.00	0.00

Quantitation Report (Qedit)

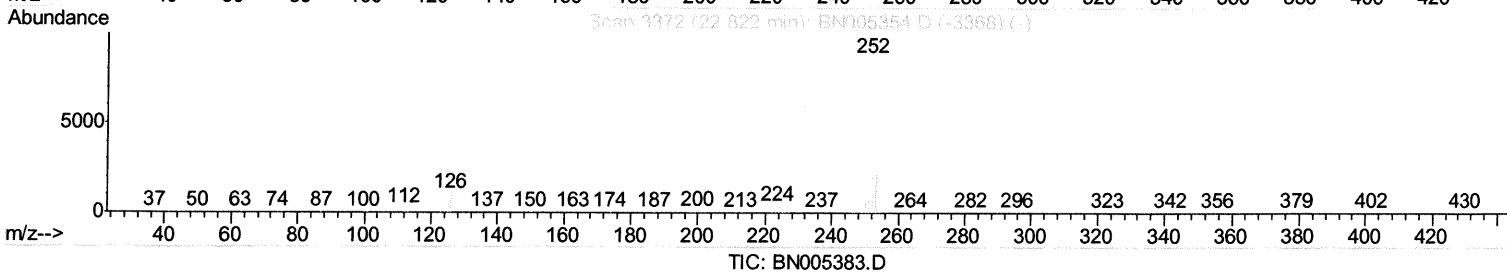
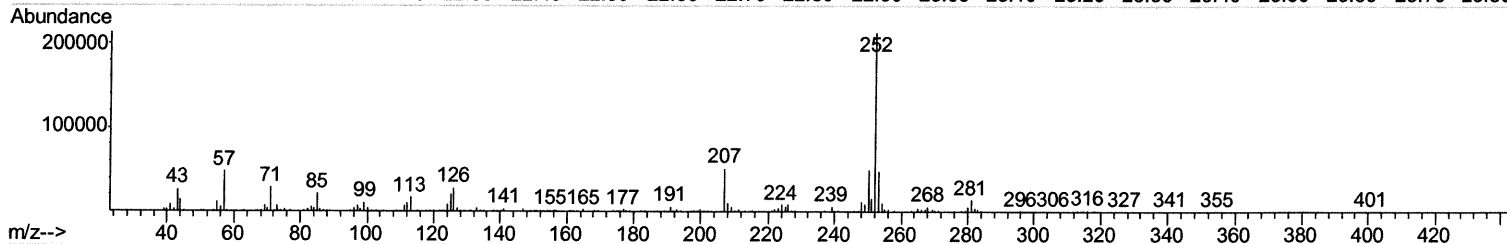
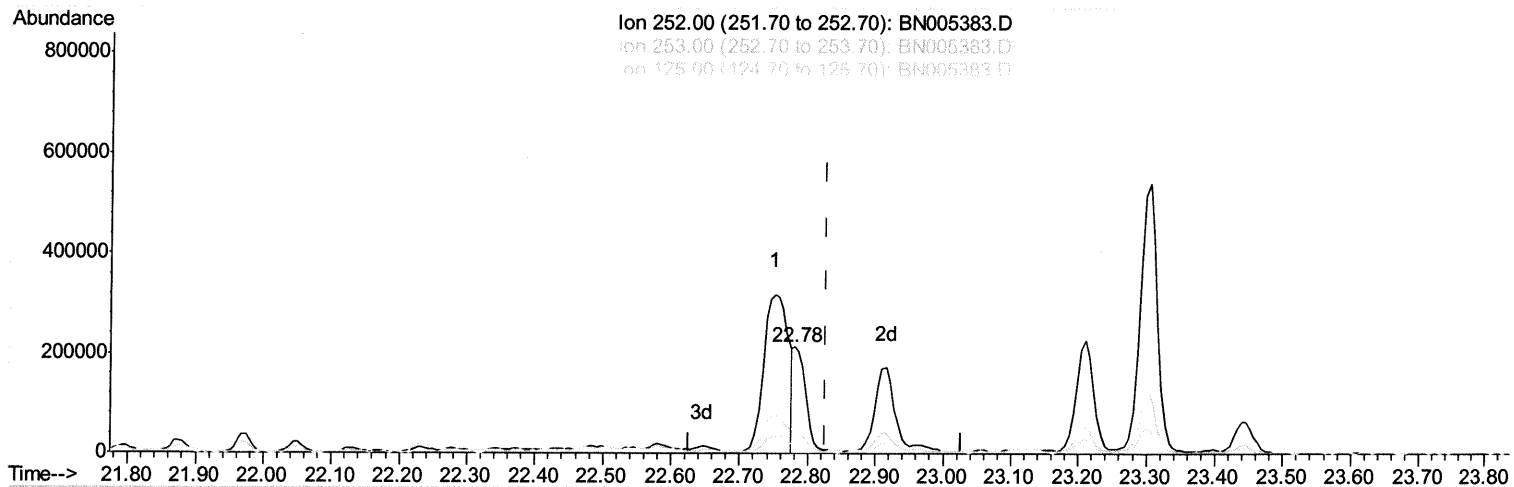
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
 Data File : BN005383.D
 Acq On : 30 Apr 2019 21:58
 Operator : JU/SJ
 Sample : K2481-06ME
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX0ME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:05:52 PM

Quant Time: May 01 07:03:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.780min (-0.047) 2.01ng/ul m SJ05/03/19

response 284437

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.54
125.00	9.40	9.98
0.00	0.00	0.00

(QT Reviewed)

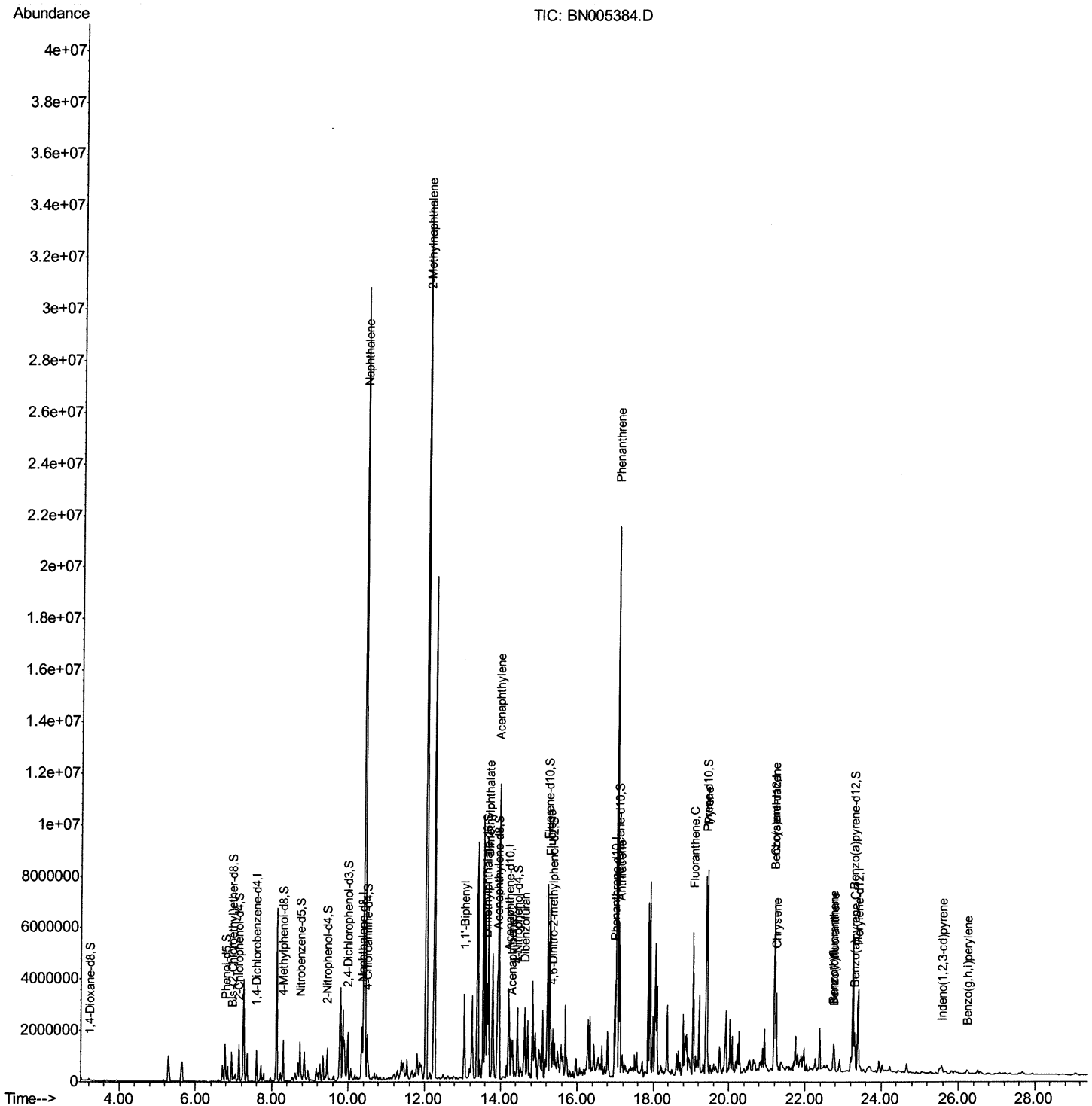
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\  
Data File : BN005384.D  
Acq On    : 30 Apr 2019   22:32  
Operator  : JU/SJ  
Sample    : K2481-17ME  
Misc      :  
ALS Vial  : 18      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GAHX0ME

Manual Integrations

Sohil
5/1/2019 12:05:52 PM

Quant Time: May 01 07:22:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

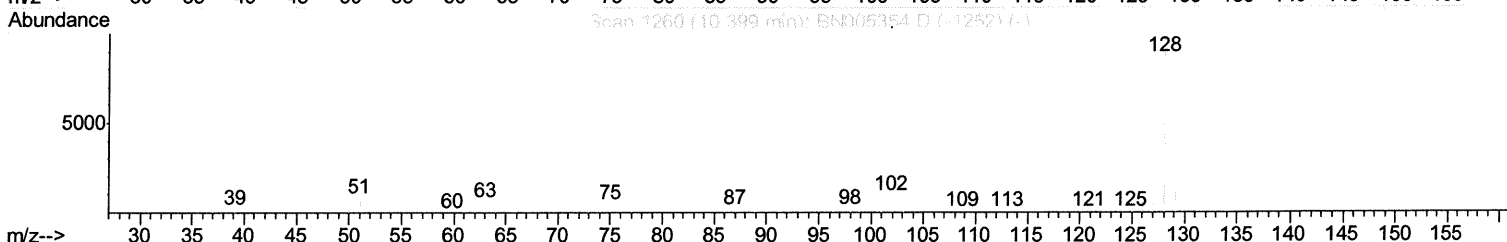
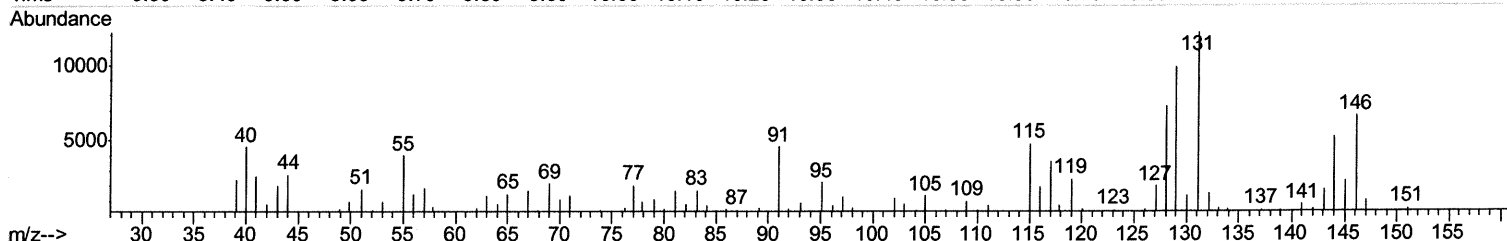
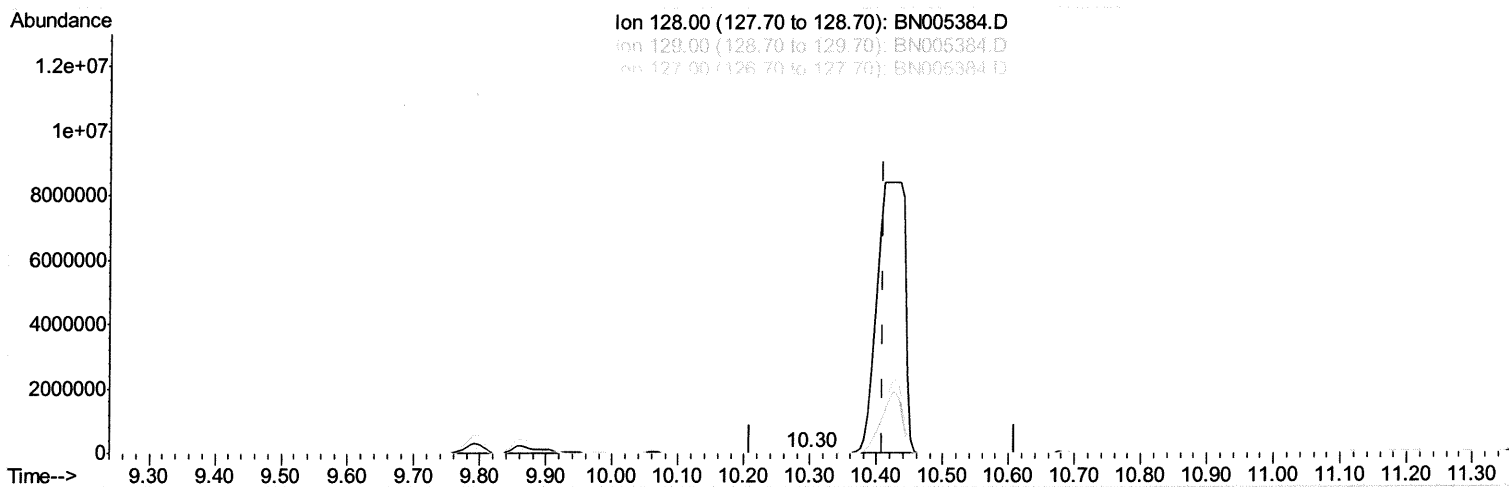
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005384.D
Acq On : 30 Apr 2019 22:32
Operator : JU/SJ
Sample : K2481-17ME
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX0ME

Manual Integrations
APPROVED

Sohil
5/1/2019 12:05:52 PM

Quant Time: May 01 00:45:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



TIC: BN005384.D

(28) Naphthalene

10.298min (-0.112) 0.18ng/ul

response 11713

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	134.77#
127.00	13.40	27.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

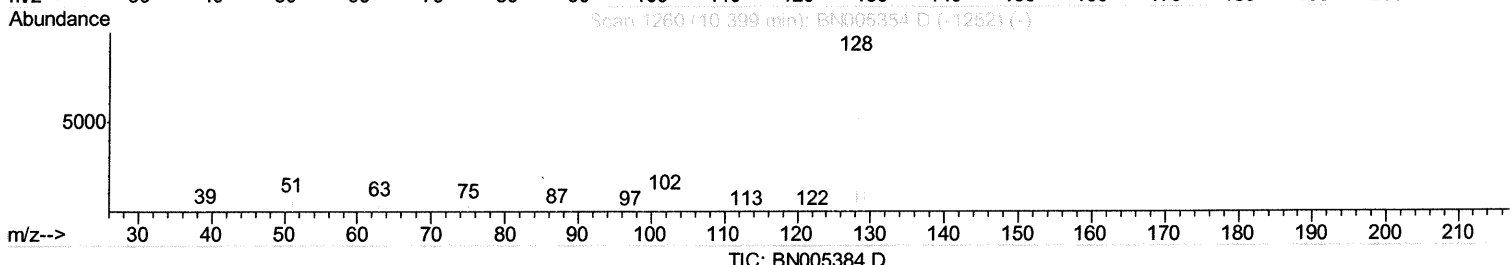
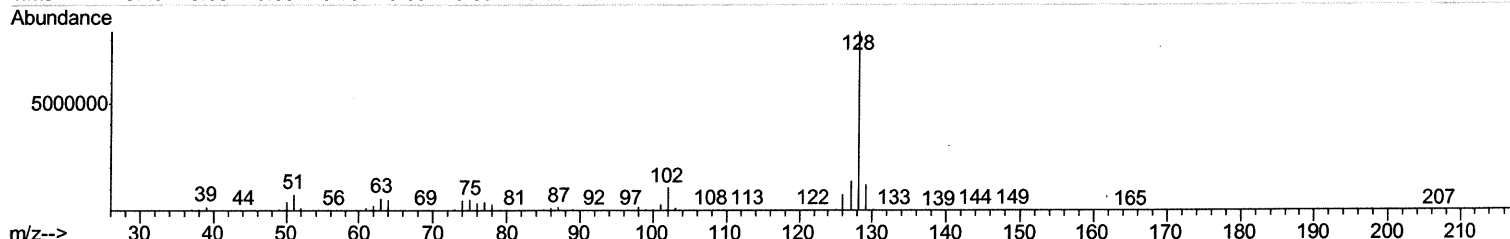
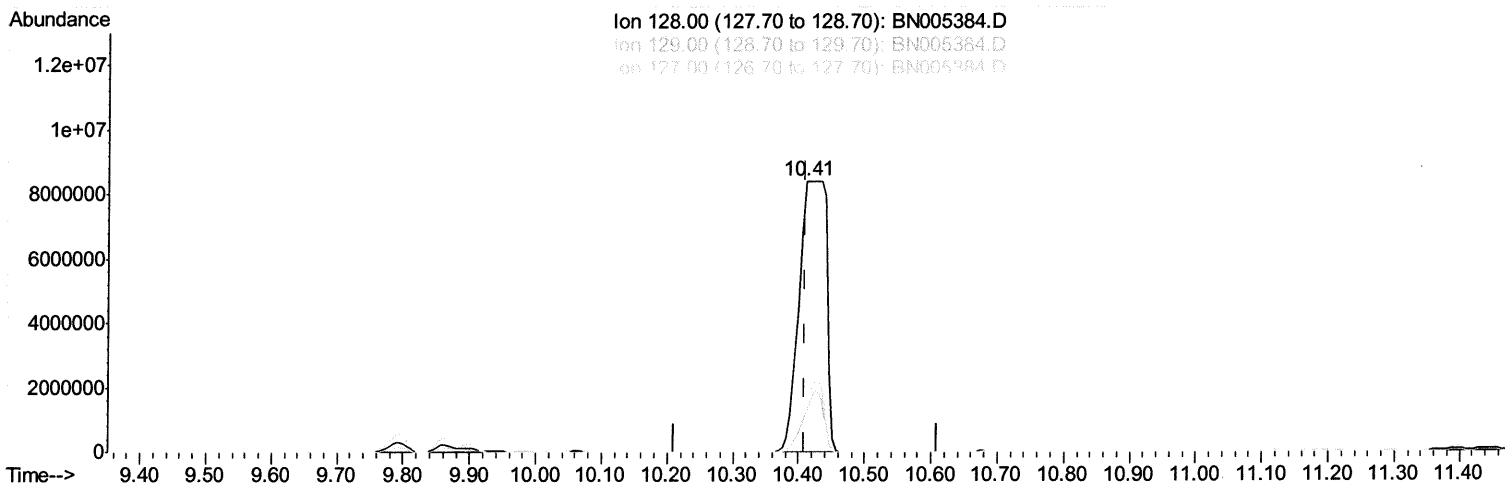
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
 Data File : BN005384.D
 Acq On : 30 Apr 2019 22:32
 Operator : JU/SJ
 Sample : K2481-17ME
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX0ME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:05:52 PM

Quant Time: May 01 00:45:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



TIC: BN005384.D

(28) Naphthalene

10.410min (+0.000) 361.85ng/ul m SJ 05/03/19

response 24098813

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	14.21#
127.00	13.40	16.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

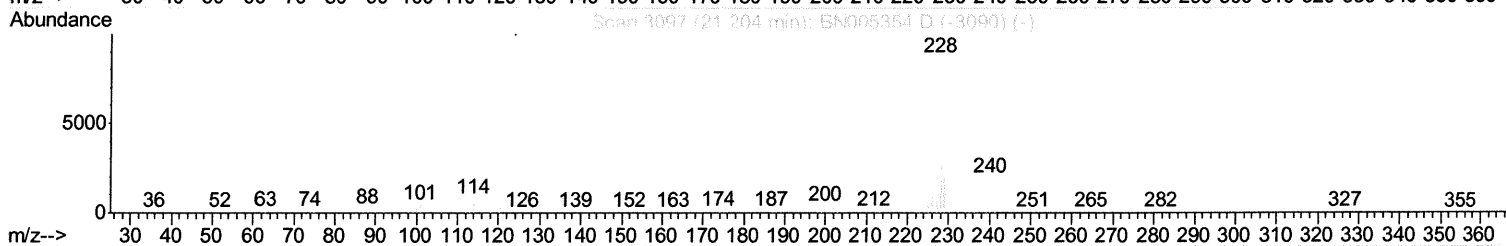
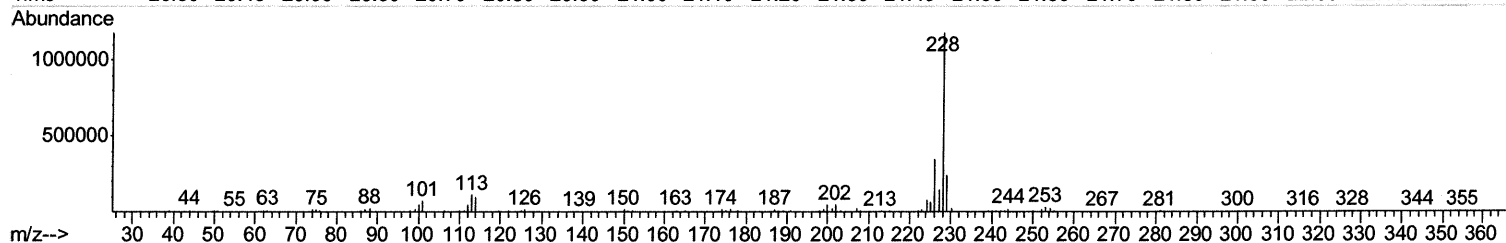
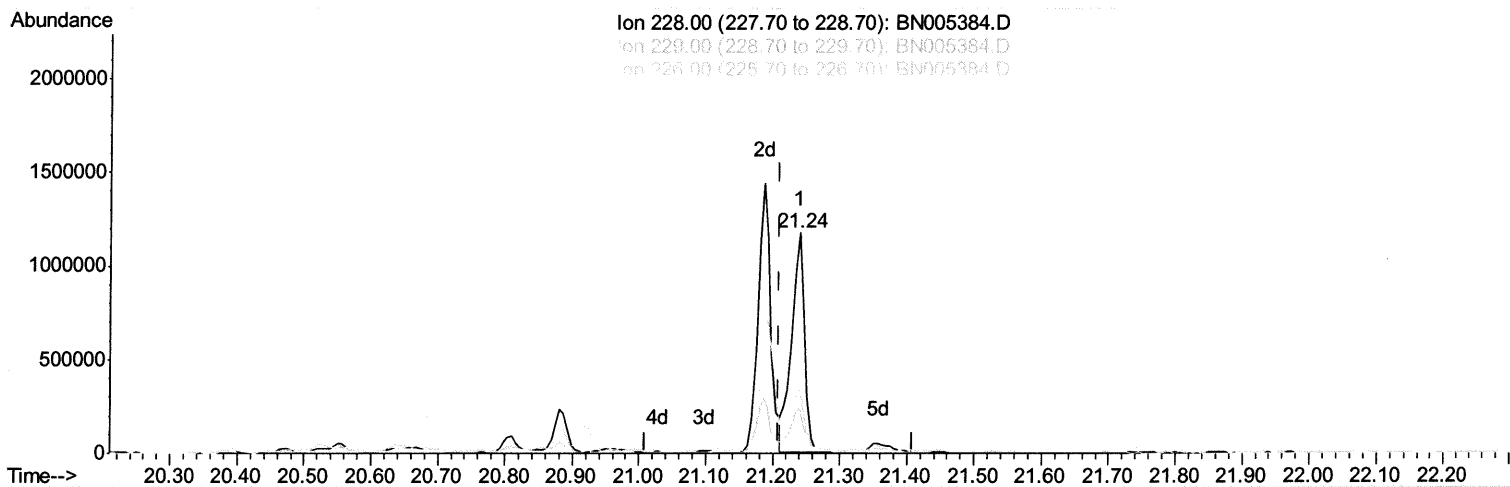
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005384.D
Acq On : 30 Apr 2019 22:32
Operator : JU/SJ
Sample : K2481-17ME
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX0ME

Manual Integrations
APPROVED

Sohil
5/1/2019 12:05:52 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



TIC: BN005384.D

(82) Benzo(a)anthracene

21.239min (+0.030) 11.06ng/ul

response 1572087

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.69
226.00	26.80	29.59
0.00	0.00	0.00

Quantitation Report (Qedit)

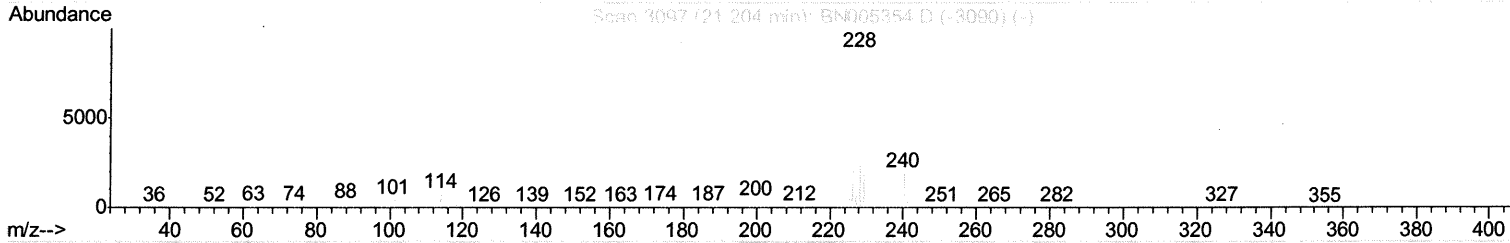
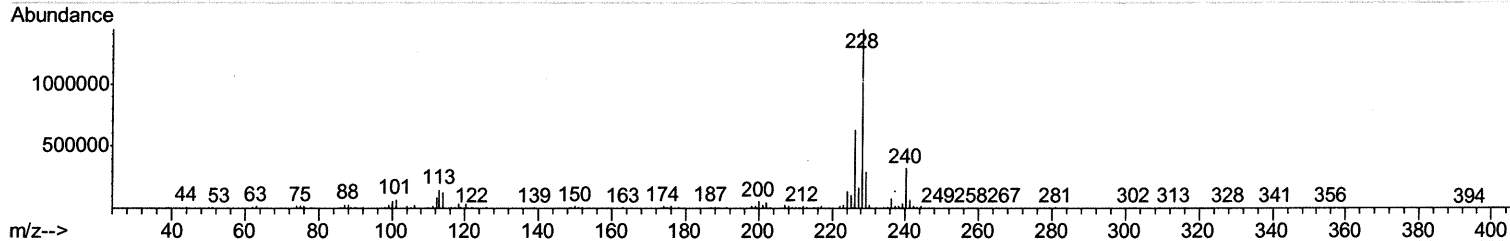
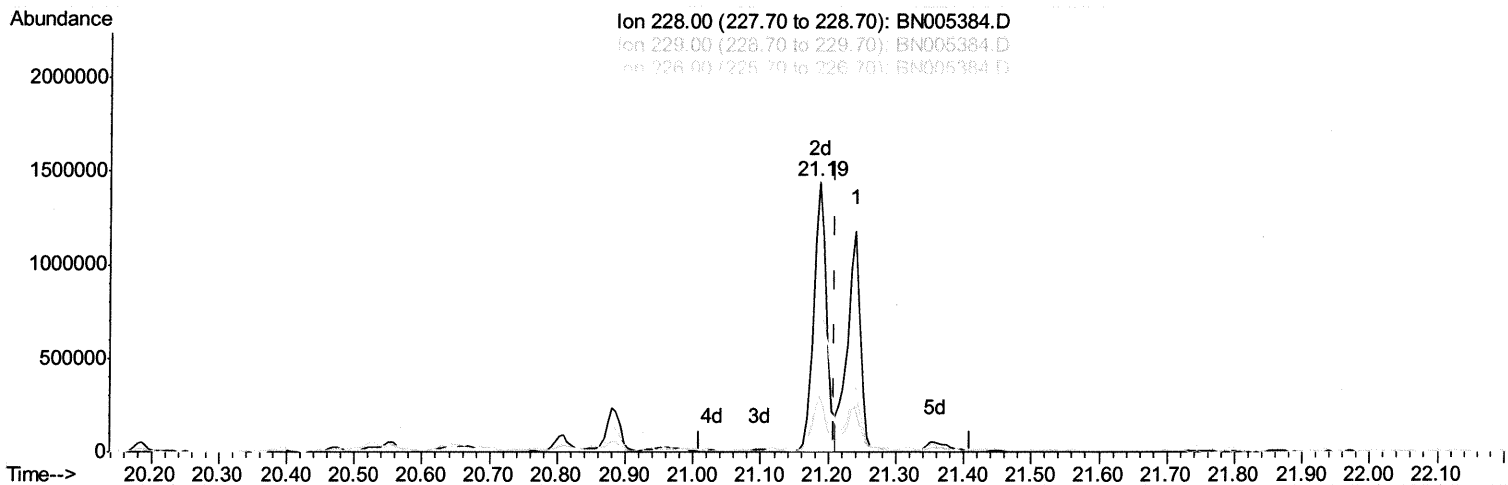
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
 Data File : BN005384.D
 Acq On : 30 Apr 2019 22:32
 Operator : JU/SJ
 Sample : K2481-17ME
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHXOME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:05:52 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



TIC: BN005384.D

(82) Benzo(a)anthracene

21.186min (-0.023) 13.60ng/ul m *SJ 05/03/19*

response 1932847

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.74
226.00	26.80	44.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

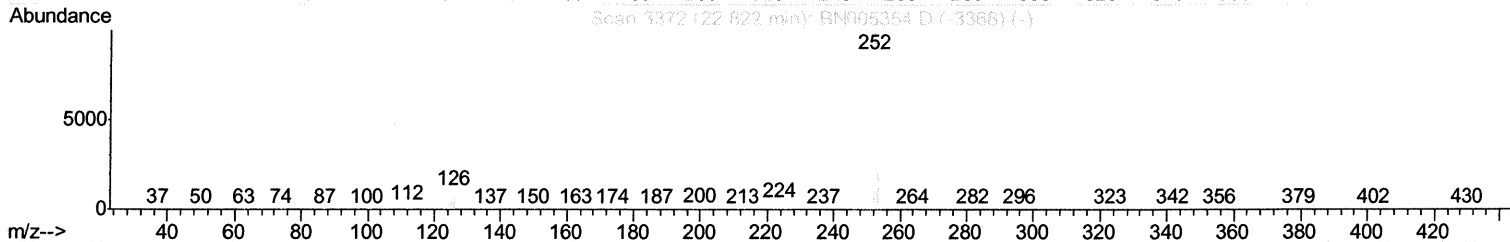
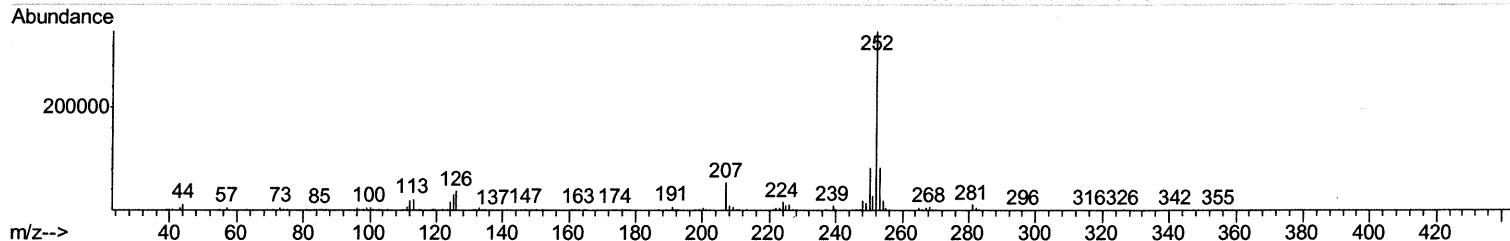
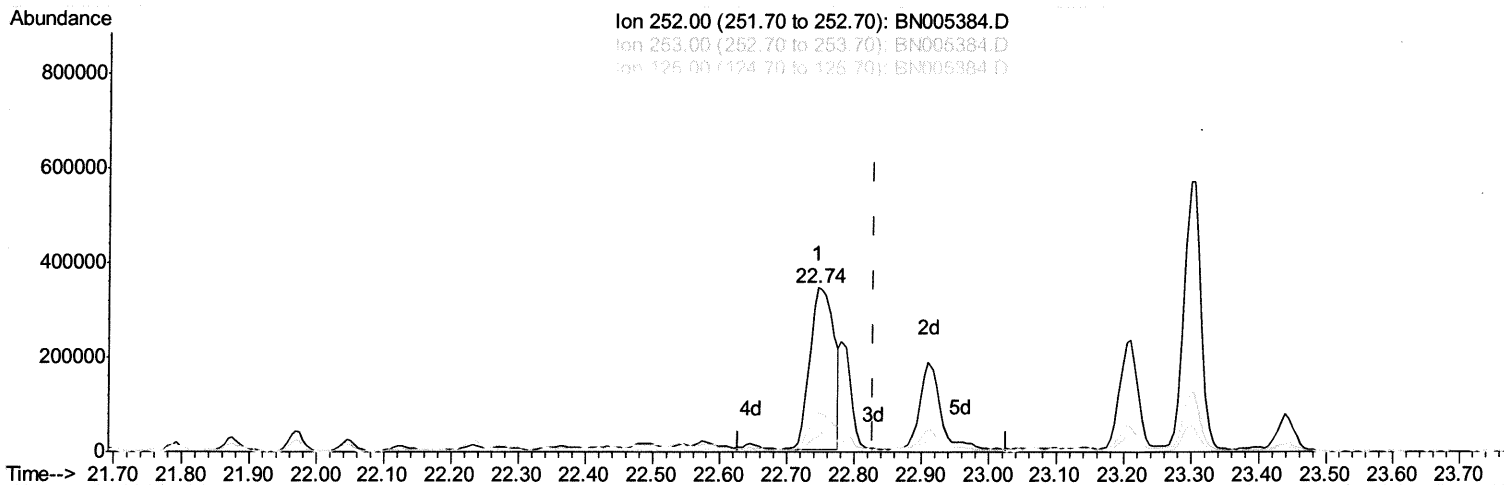
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
 Data File : BN005384.D
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Manual Integrations
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 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



TIC: BN005384.D

(88) Benzo(k)fluoranthene

22.745min (-0.082) 6.81ng/ui

response 862644

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.92
125.00	9.40	9.16
0.00	0.00	0.00

Quantitation Report (Qedit)

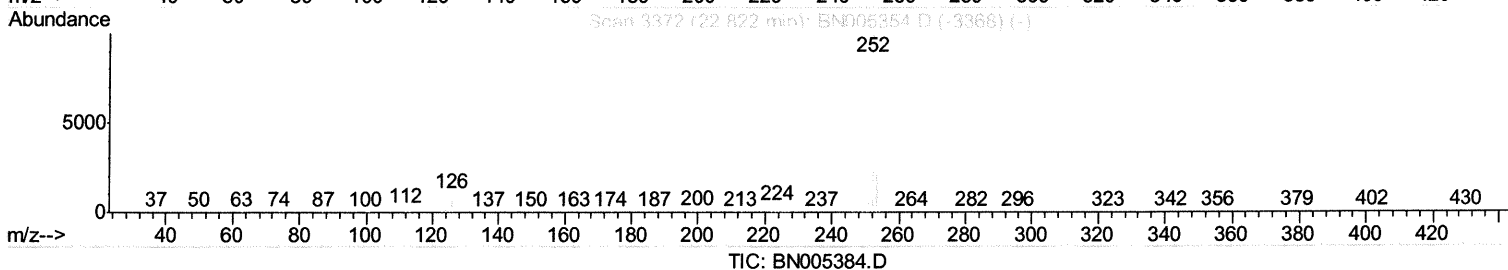
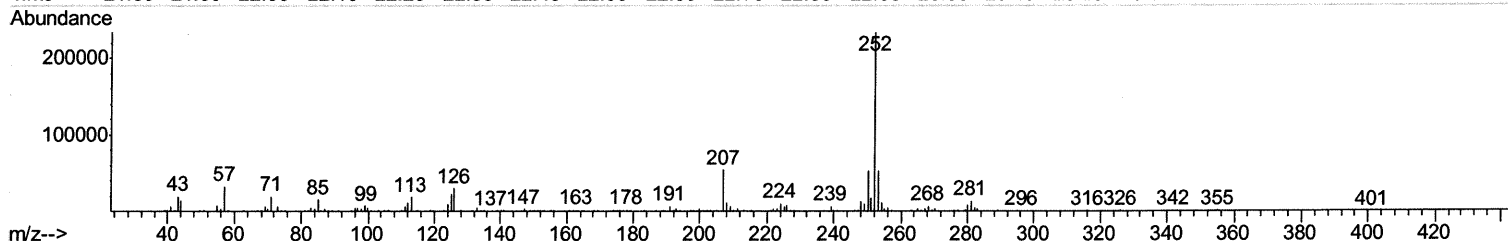
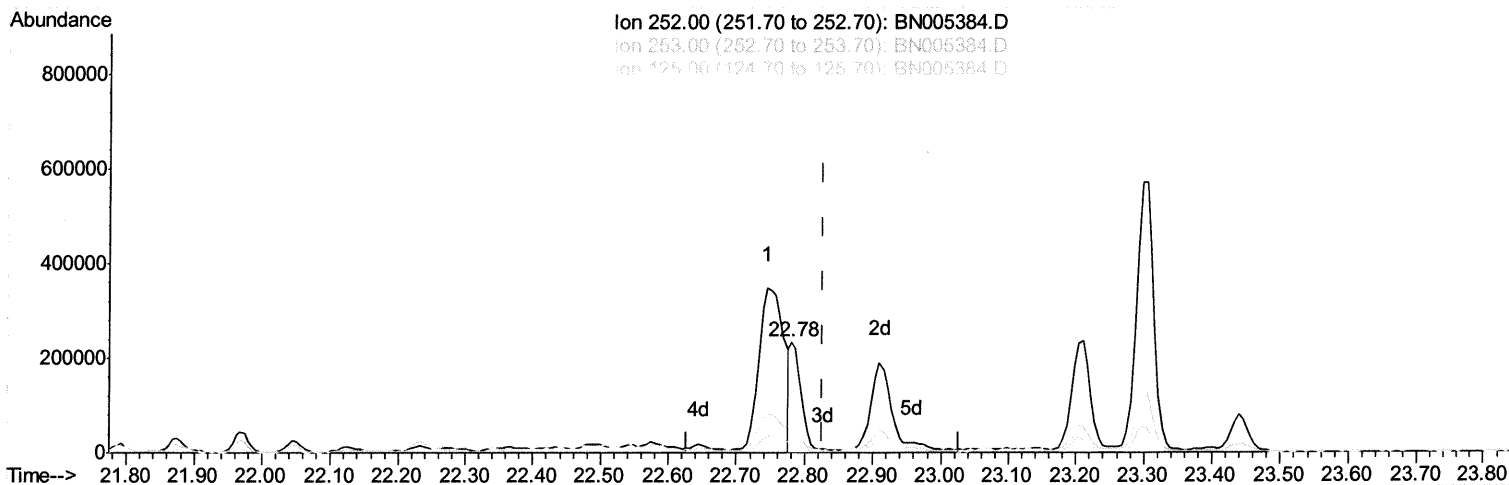
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GAHX0ME

Manual Integrations
 APPROVED

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(88) Benzo(k)fluoranthene

22.780min (-0.047) 2.24ng/ul m SJ 05/03/19

response 284055

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.73
125.00	9.40	9.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
 Data File : BN005384.D
 Acq On : 30 Apr 2019 22:32
 Operator : JU/SJ
 Sample : K2481-17ME
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampled :
 GAHXOME

Manual Integrations
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 5/1/2019 12:05:52 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	331494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1432611	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	949535	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2217442	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2283975	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2359868	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	37230	5.42	ng/uL	0.00
5) Phenol-d5	6.78	99	803262	30.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	489830	30.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	660257	33.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	594074	29.19	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	370305	42.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	412116	46.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	698705	34.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	942522	44.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2382397	34.56	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2890218	34.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	367765	33.79	ng/ul	0.00
57) Fluorene-d10	15.23	176	2047453	35.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	373194	37.42	ng/ul	0.00
70) Anthracene-d10	17.08	188	3344068	35.97	ng/ul	0.00
78) Pyrene-d10	19.39	212	3977946	34.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	3832926	37.17	ng/ul	-0.04

Target Compounds

				Qvalue	
28) Naphthalene	10.41	128	24098813m	361.845 ng/ul	96
34) 2-Methylnaphthalene	12.04	142	19277435	395.312 ng/ul	96
40) 1,1'-Biphenyl	13.05	154	1646781	23.276 ng/ul	98
44) Dimethylphthalate	13.69	163	487072	7.092 ng/ul	100
47) Acenaphthylene	13.95	152	6765469	81.317 ng/ul	97
49) Acenaphthene	14.29	153	576902	10.157 ng/ul	99
53) Dibenzofuran	14.63	168	820362	10.032 ng/ul	95
58) Fluorene	15.29	166	3454284	54.132 ng/ul	98
69) Phenanthrene	17.03	178	13850443	128.253 ng/ul	93
71) Anthracene	17.12	178	3173494	28.847 ng/ul	99
76) Fluoranthene	19.05	202	3107277	25.941 ng/ul	98
79) Pyrene	19.42	202	4881437	33.194 ng/ul	97
82) Benzo(a)anthracene	21.19	228	1932847m	13.603 ng/ul	96
84) Chrysene	21.24	228	1584773	12.018 ng/ul	98
87) Benzo(b)fluoranthene	22.74	252	862644	6.503 ng/ul	96
88) Benzo(k)fluoranthene	22.78	252	284055m	2.242 ng/ul	96
90) Benzo(a)pyrene	23.30	252	991535	7.952 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.57	276	273520	1.984 ng/ul	95
93) Benzo(g,h,i)perylene	26.23	276	192795	1.691 ng/ul	97

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