

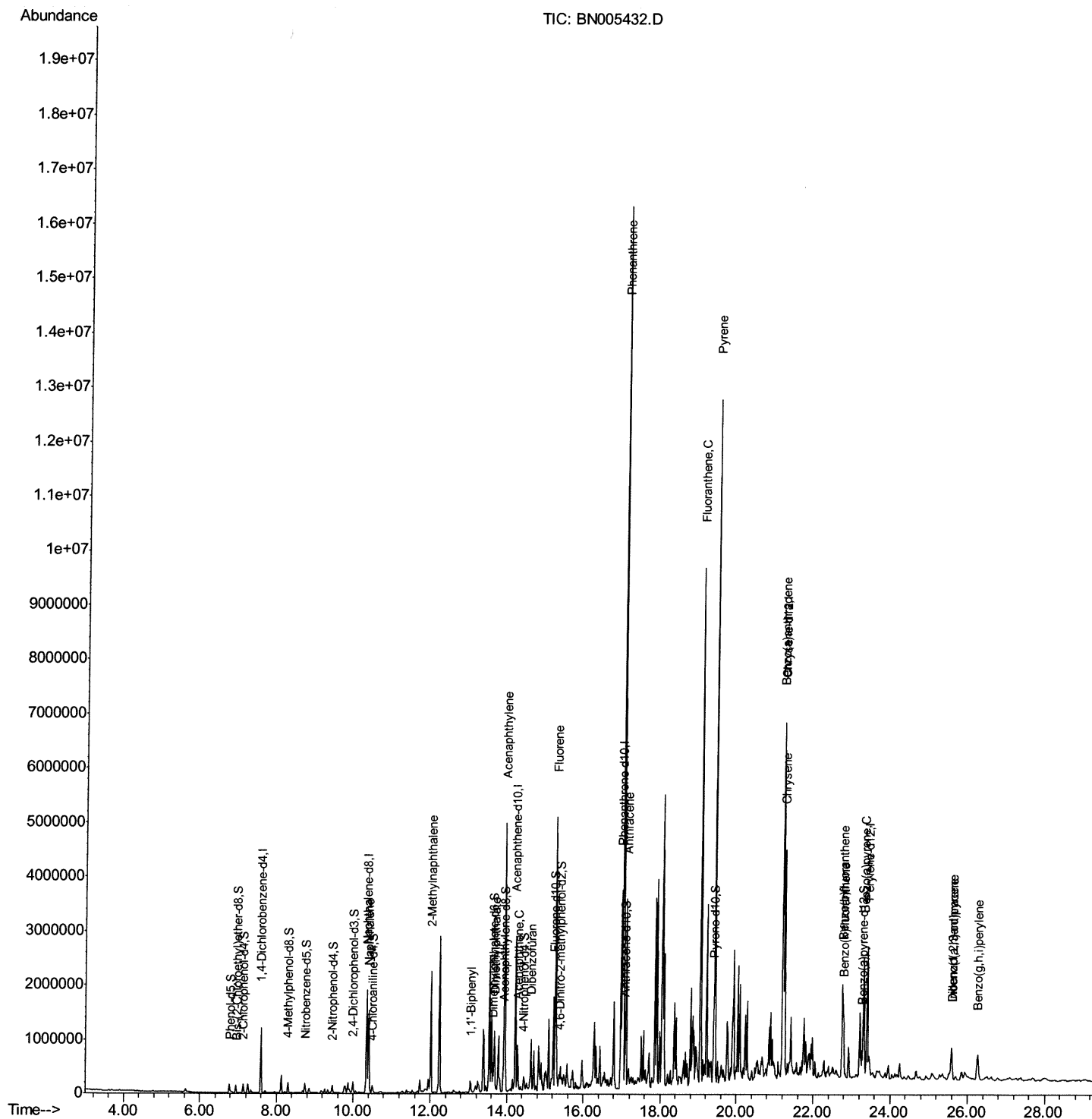
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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\  
Data File : BN005432.D  
Acq On    : 03 May 2019   01:21  
Operator  : JU/SJ  
Sample    : K2603-20 5X  
Misc      :  
ALS Vial  : 17      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GAJ72

Manual Integrations
APPROVED

Sohil
5/3/2019 4:56:40 PM

Quant Time: May 03 05:14:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

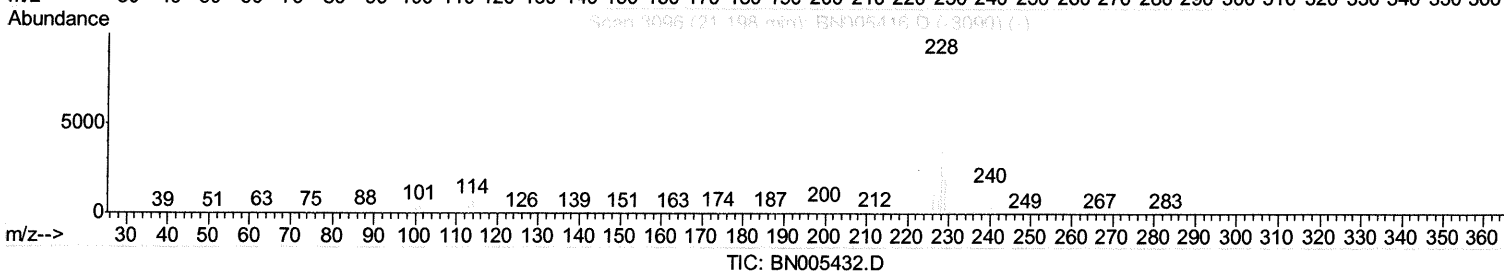
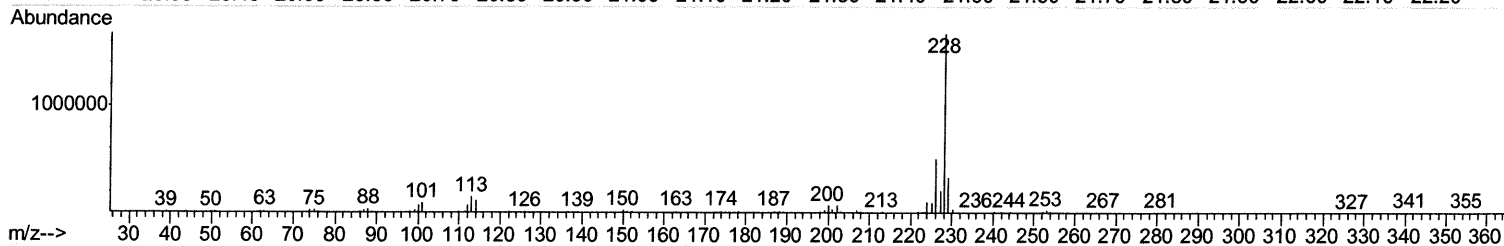
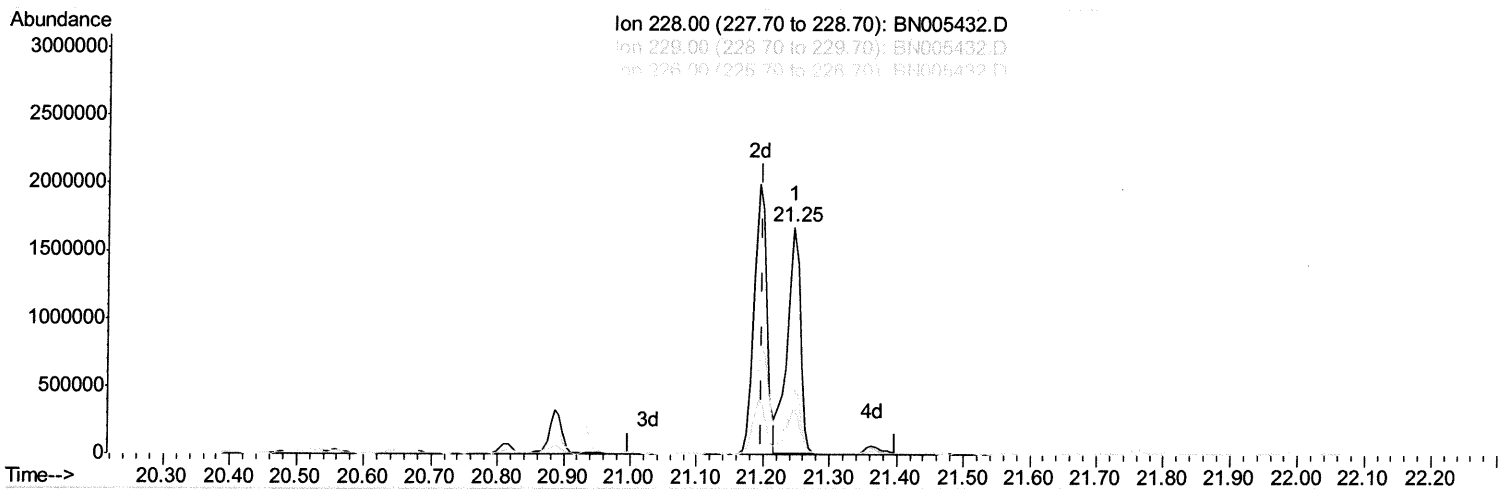
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:40 PM

Quant Time: May 03 05:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.245min (+0.047) 19.36ng/ul

response 2312892

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.15
226.00	26.80	29.95
0.00	0.00	0.00

Quantitation Report (Qedit)

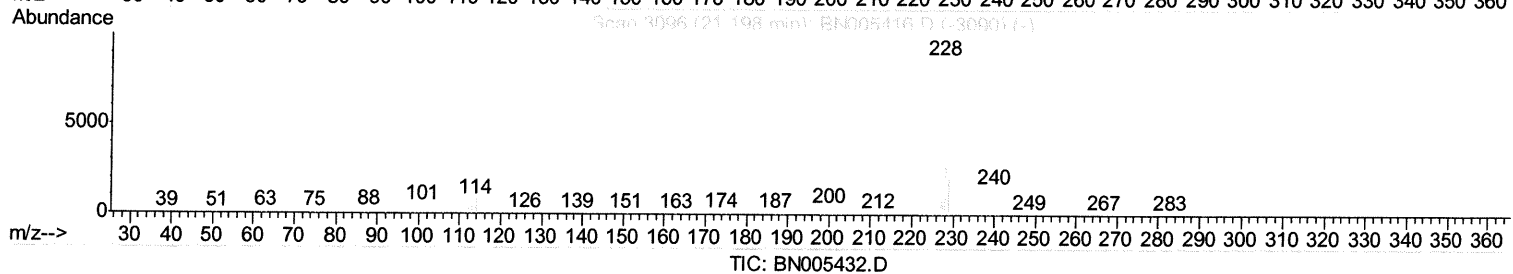
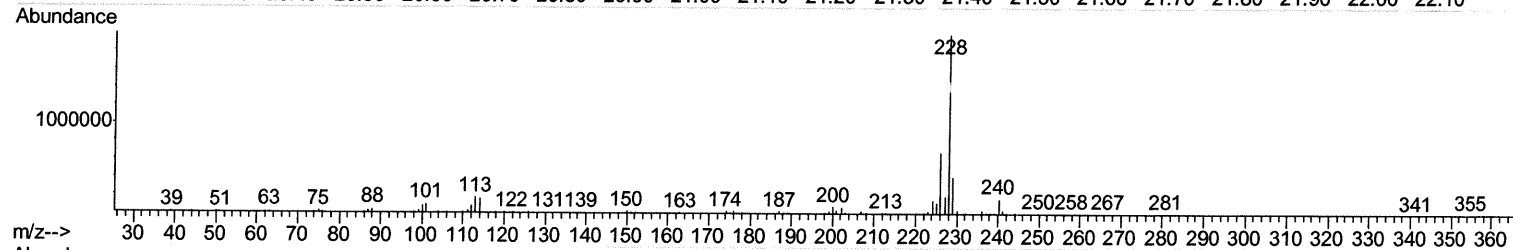
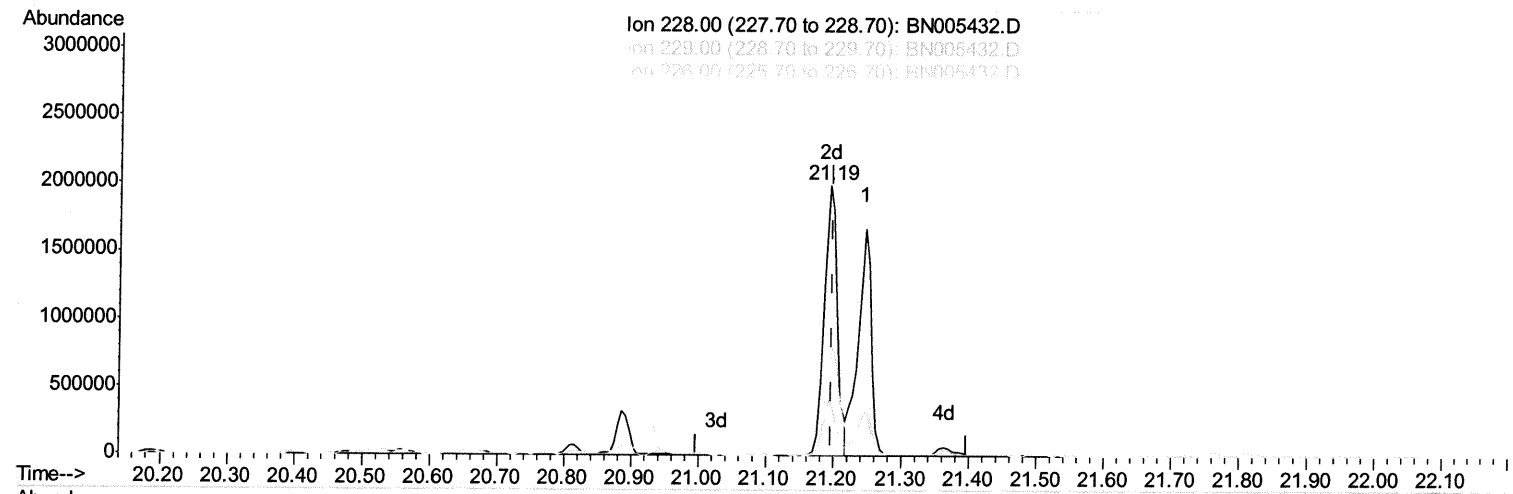
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ72

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:40 PM

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(82) Benzo(a)anthracene

21.192min (-0.006) 22.23ng/ul m SJ 05/12/19

response 2656154

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.57
226.00	26.80	34.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

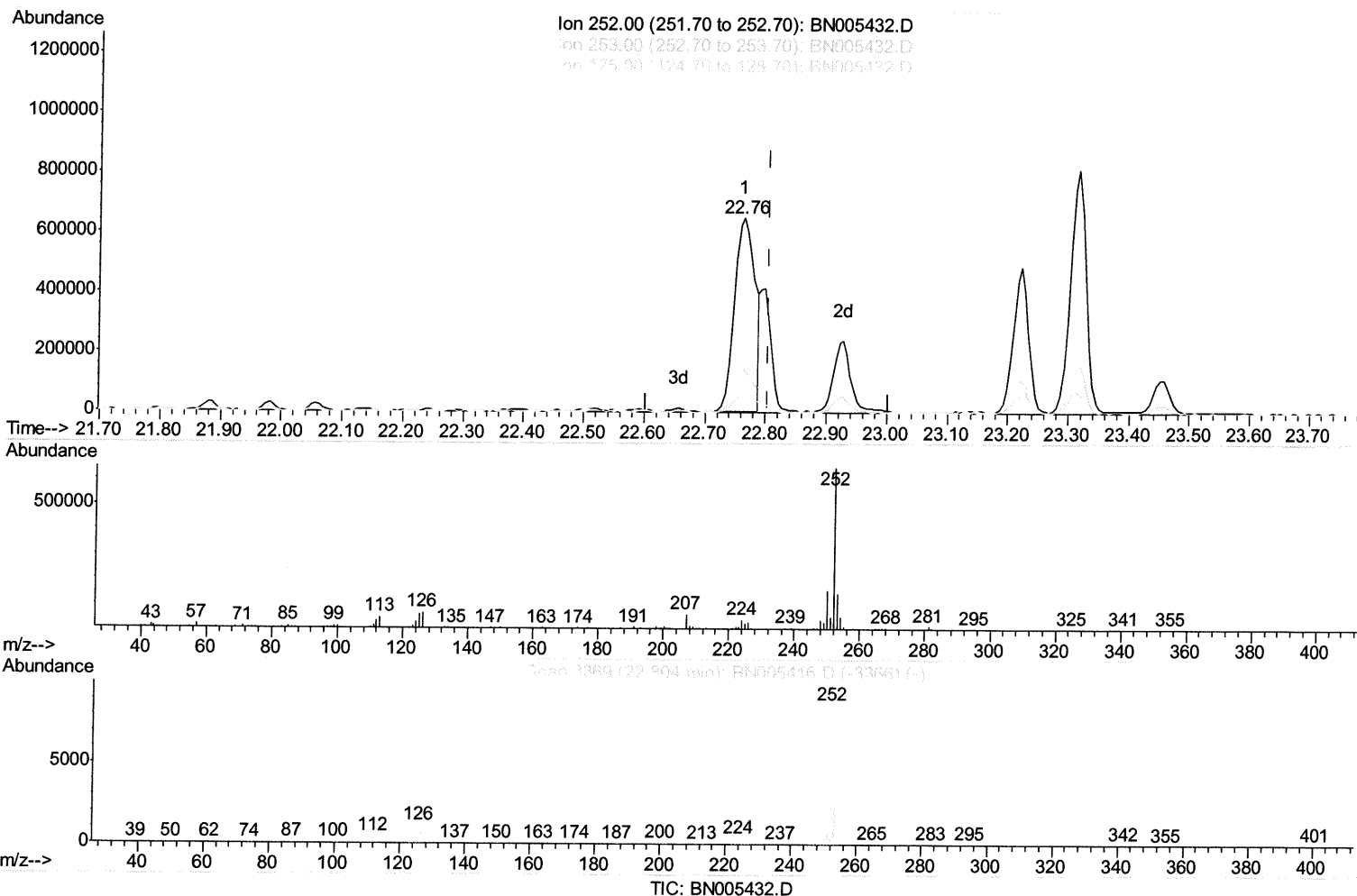
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Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ72

Manual Integrations
APPROVED

Sohil
5/3/2019 4:56:40 PM

Quant Time: May 03 05:09:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.763min (-0.041) 15.61ng/ul

response 1510350

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.06
125.00	9.40	8.92
0.00	0.00	0.00

Quantitation Report (Qedit)

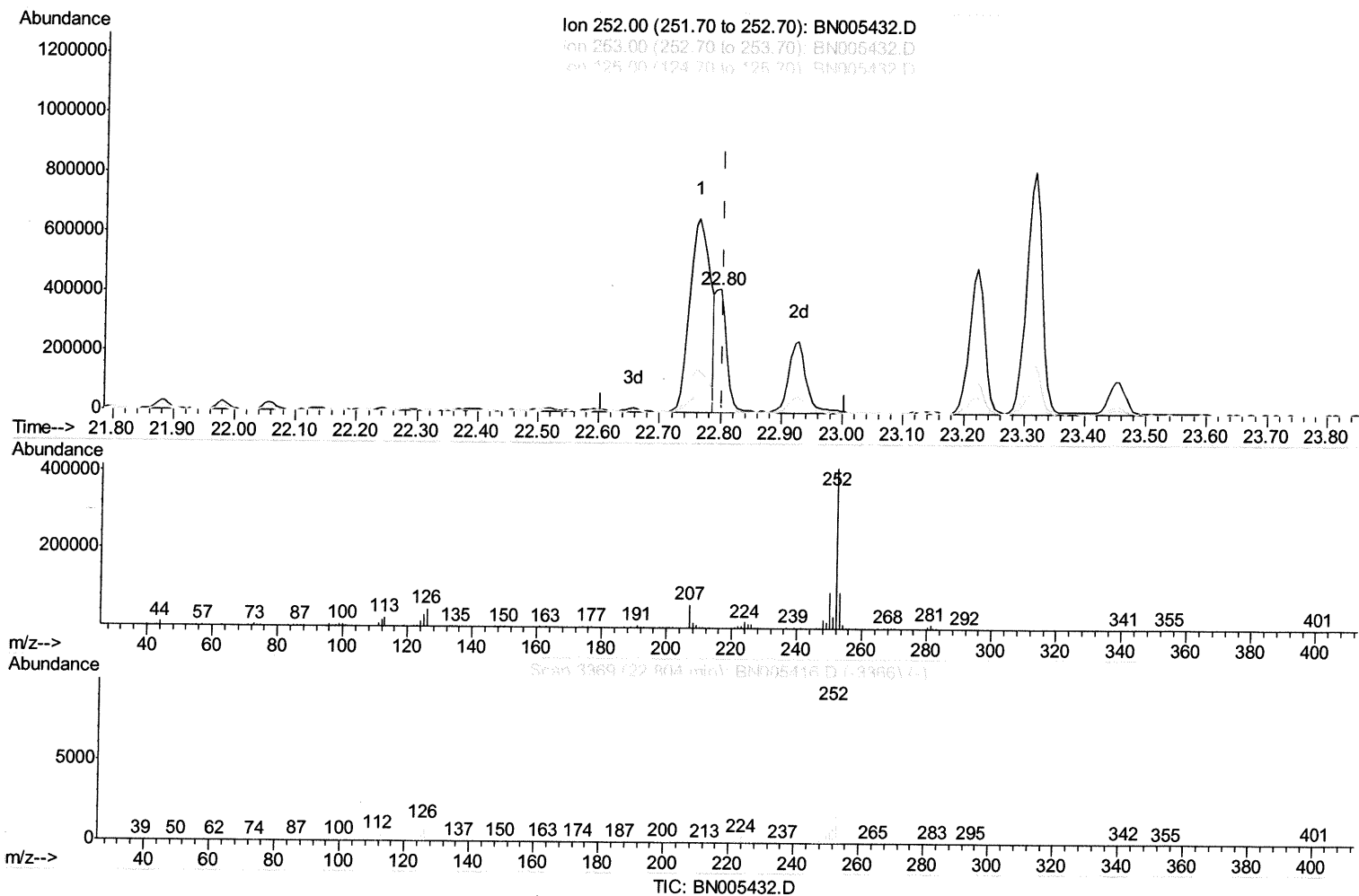
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Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ72

Manual Integrations
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Sohil
5/3/2019 4:56:40 PM

Quant Time: May 03 05:09:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.798min (-0.006) 5.49ng/ul m SJ 05/12/19

response 530925

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.70
125.00	9.40	7.83
0.00	0.00	0.00

Quantitation Report (Qedit)

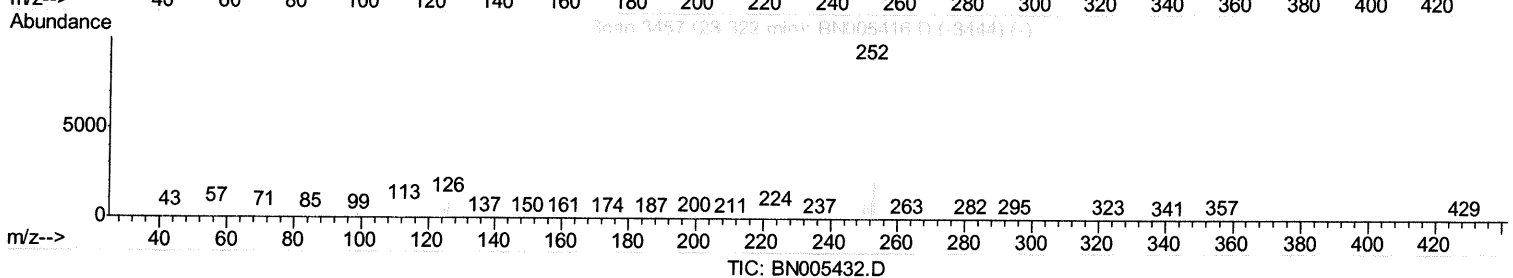
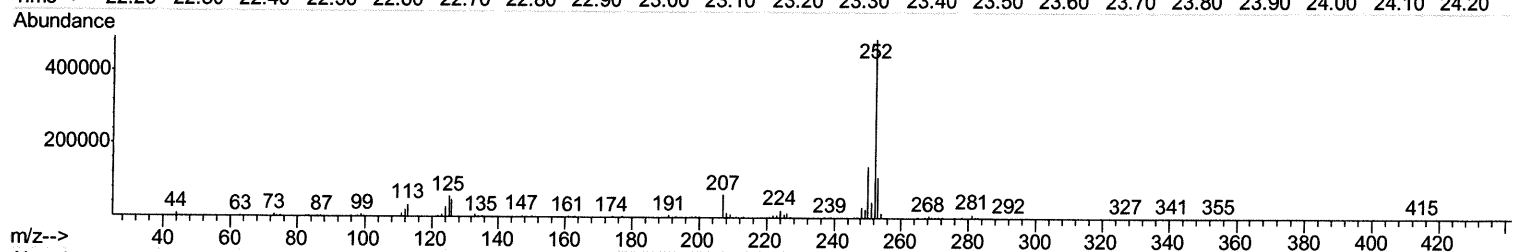
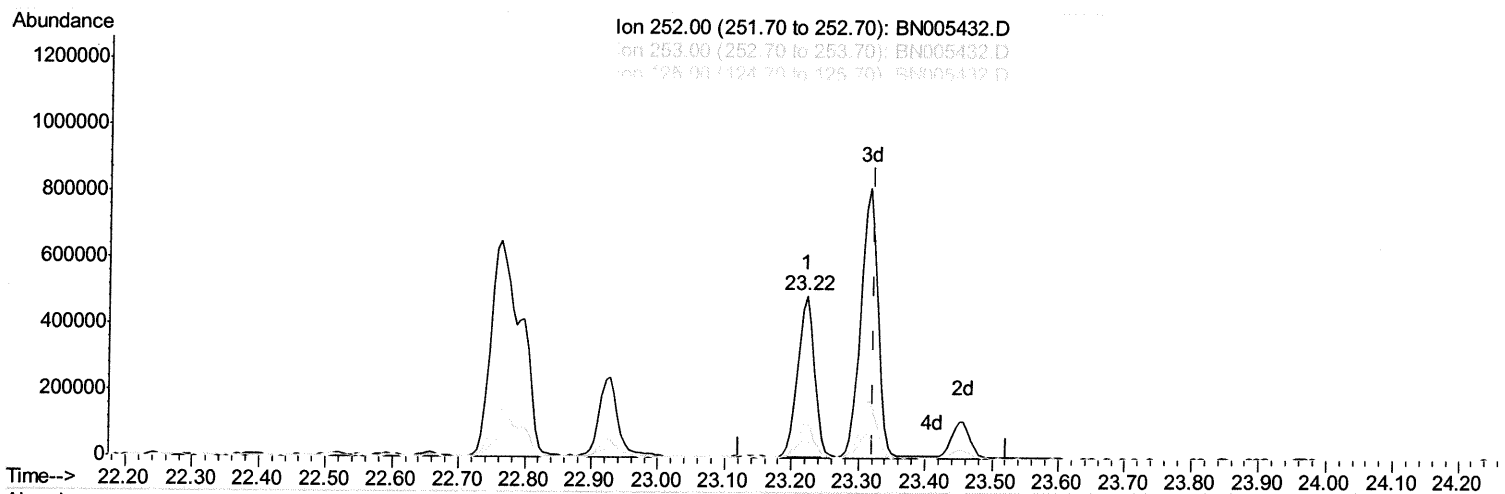
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ72

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:40 PM

Quant Time: May 03 05:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.221min (-0.100) 8.87ng/ul

response 845132

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.38
125.00	10.80	11.66
0.00	0.00	0.00

Quantitation Report (Qedit)

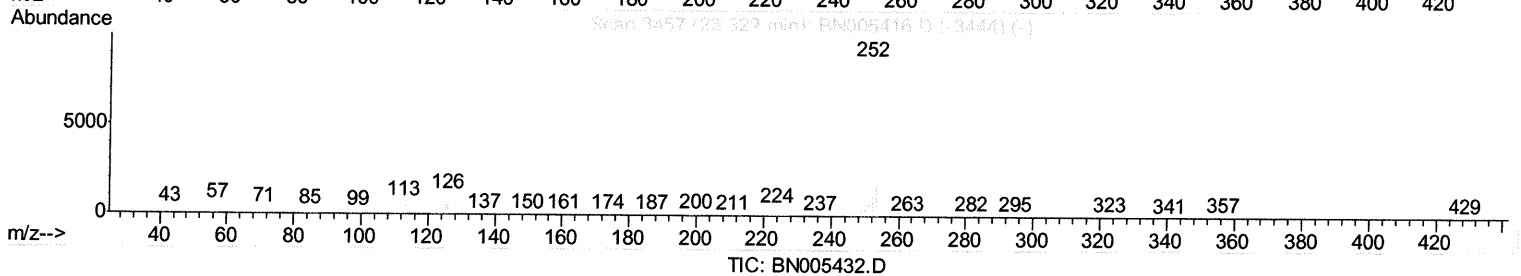
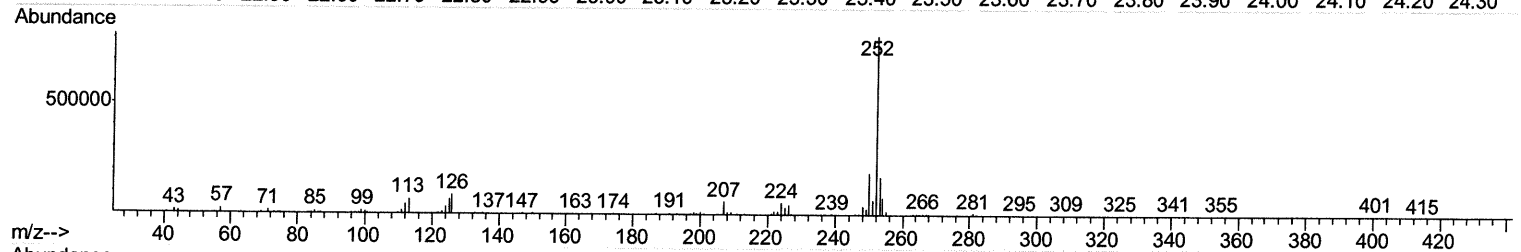
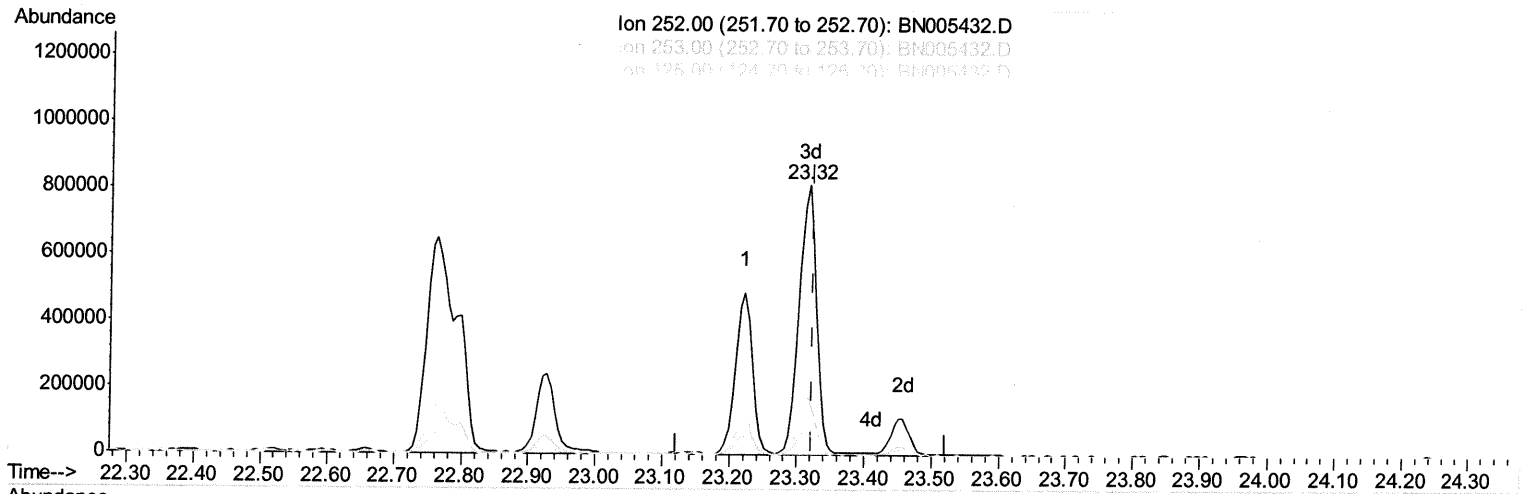
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 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ72

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:40 PM

Quant Time: May 03 05:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.315min (-0.006) 15.33ng/ul m SJ 05/12/19

response 1460493

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.43
125.00	10.80	8.55#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
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Quant Time: May 03 05:14:24 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	332993	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1544262	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	986041	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2272054	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1920792	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1802710	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3087	0.45	ng/uL	0.00
5) Phenol-d5	6.78	99	88871	3.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	58508	3.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	74797	3.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	79237	3.88	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	44706	4.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	46962	4.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	87093	3.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	85027	3.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	326078	4.56	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	395307	4.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	30948	2.74	ng/ul	0.01
57) Fluorene-d10	15.22	176	286282	4.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	28782	2.82	ng/ul	0.00
70) Anthracene-d10	17.08	188	431337	4.53	ng/ul	0.00
78) Pyrene-d10	19.39	212	477349	4.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	345575	4.39	ng/ul	-0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	1221564	17.016	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1078109	20.510	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	83929	1.142	ng/ul	95
44) Dimethylphthalate	13.69	163	104691	1.468	ng/ul	99
47) Acenaphthylene	13.95	152	3295430	38.143	ng/ul	98
49) Acenaphthene	14.29	153	324493	5.502	ng/ul	98
53) Dibenzofuran	14.63	168	262018	3.085	ng/ul	99
58) Fluorene	15.28	166	2399733	36.214	ng/ul	98
69) Phenanthrene	17.03	178	10234137	92.489	ng/ul	97
71) Anthracene	17.12	178	2235175	19.829	ng/ul	98
76) Fluoranthene	19.06	202	5849077	47.656	ng/ul	97
79) Pyrene	19.43	202	7992457	64.625	ng/ul	95
82) Benzo(a)anthracene	21.19	228	2656154m>	22.229	ng/ul>	> SJ 05/12/19
84) Chrysene	21.25	228	2323101	20.948	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	1510350	14.904	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	530925m>	5.486	ng/ul>	> SJ 05/12/19
90) Benzo(a)pyrene	23.32	252	1460493m>	15.333	ng/ul>	> SJ 05/12/19
91) Indeno(1,2,3-cd)pyrene	25.59	276	591615	5.618	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.59	278	174527	1.953	ng/ul#	83
93) Benzo(g,h,i)perylene	26.25	276	565797	6.498	ng/ul	94

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