

(QT Reviewed)

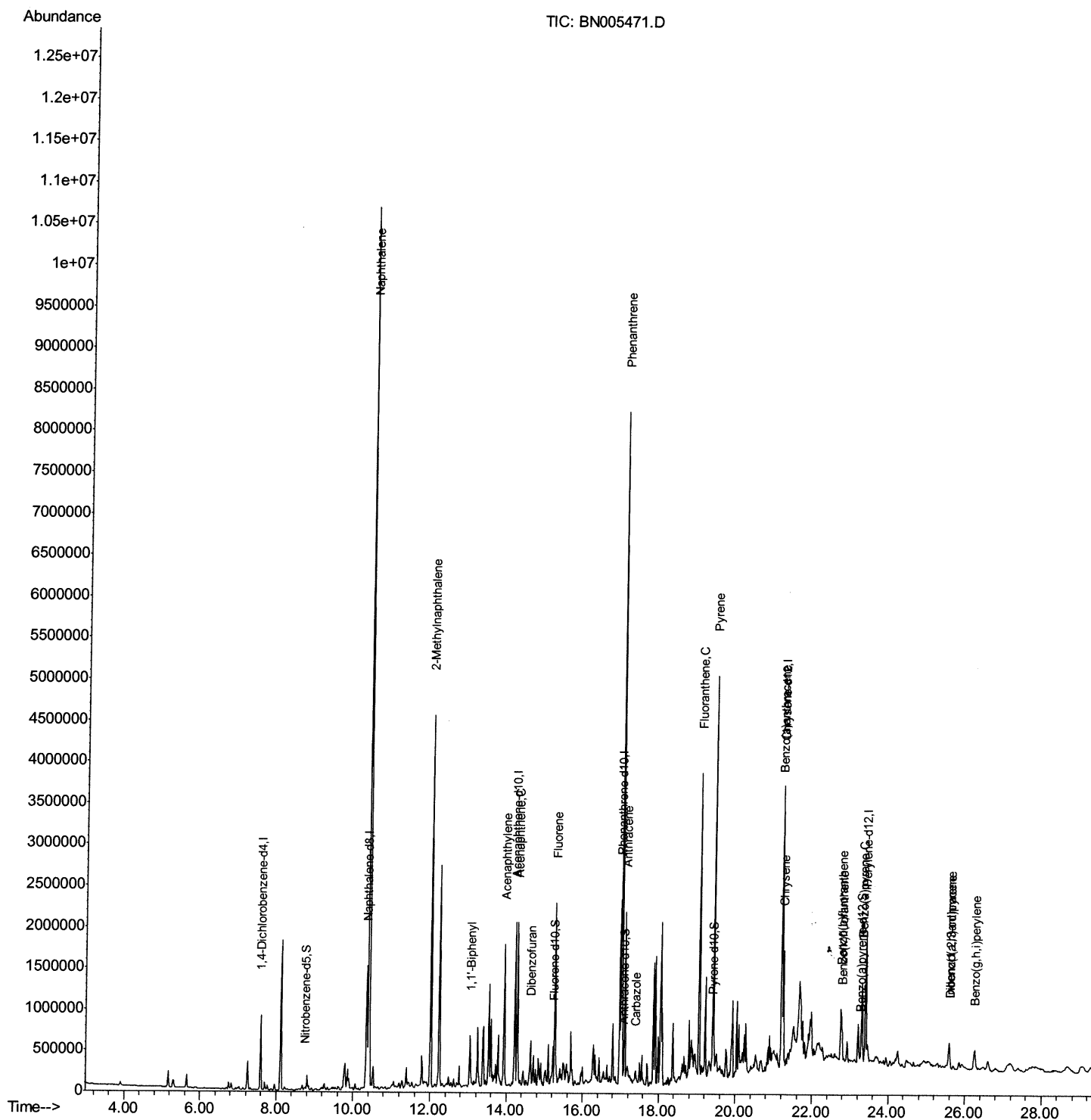
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050319\  
Data File : BN005471.D  
Acq On    : 04 May 2019   03:00  
Operator  : JU/SJ  
Sample    : K2603-10DL 30X  
Misc      :  
ALS Vial  : 23      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GAJ62DL

Manual Integrations
APPROVED

mohammad
5/7/2019 8:21:40 AM

Quant Time: May 06 02:15:46 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)

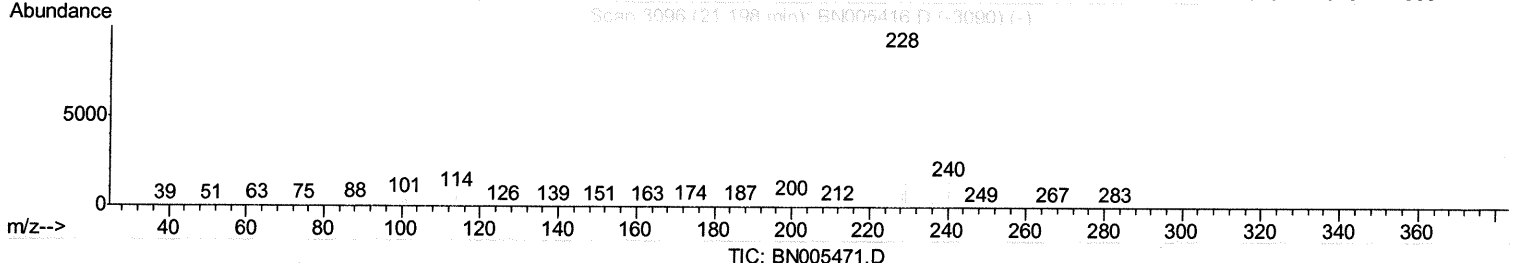
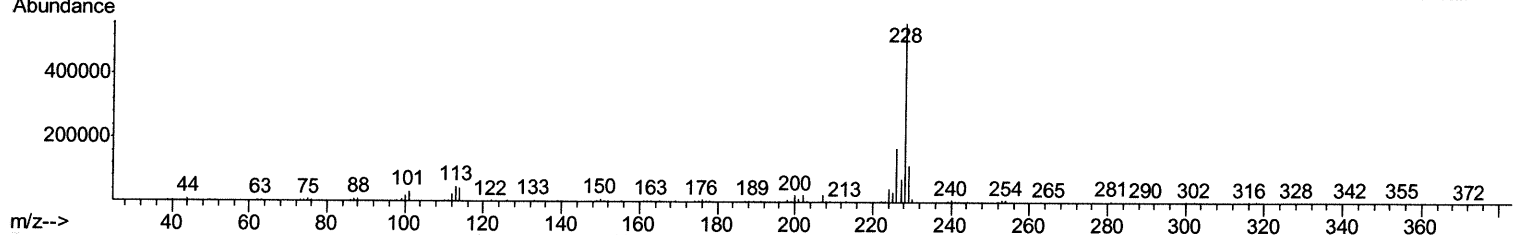
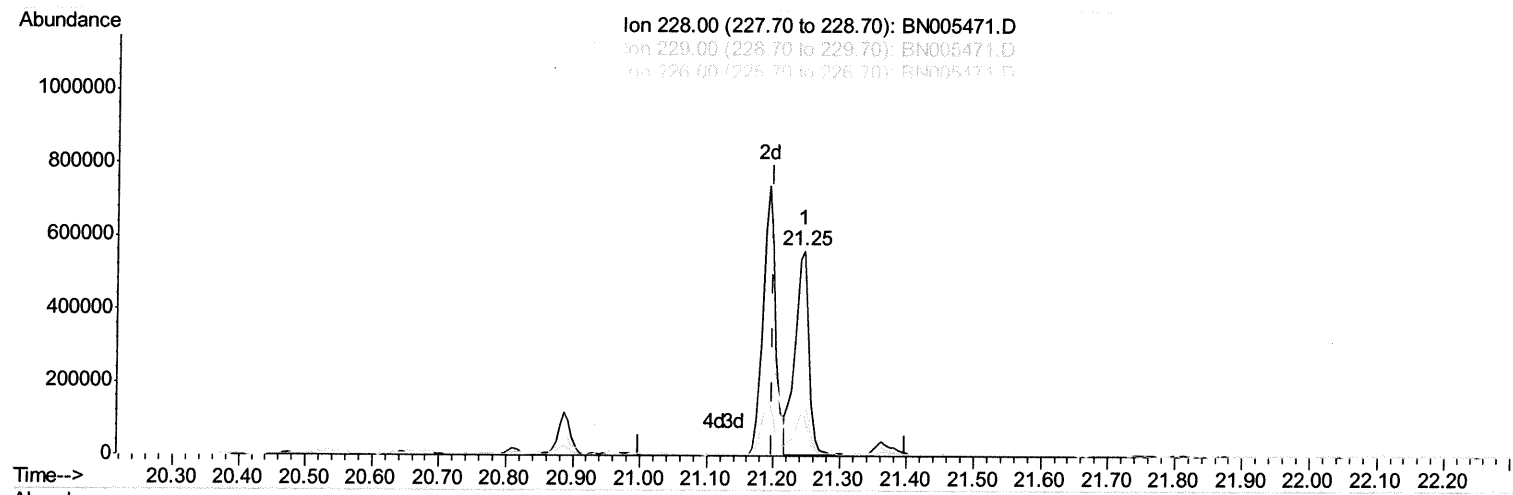
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Quant Time: May 06 01:11:35 2019
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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.245min (+0.047) 11.12ng/ul

response 812954

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.31
226.00	26.80	30.49
0.00	0.00	0.00

Quantitation Report (Qedit)

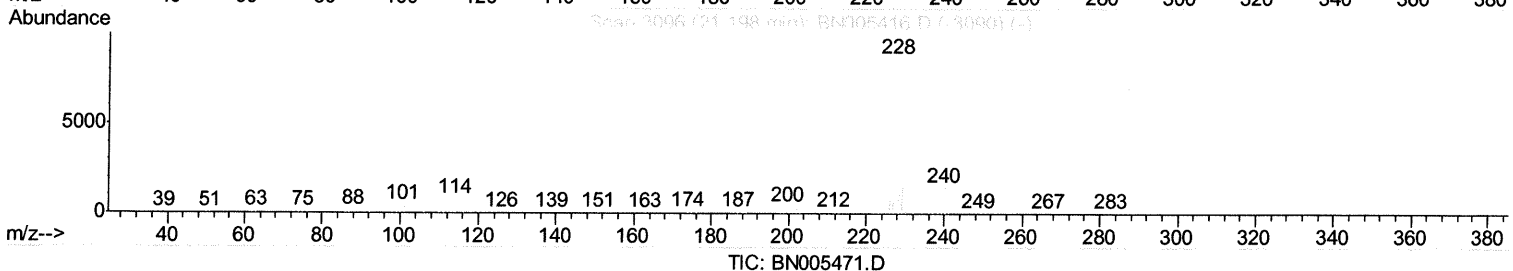
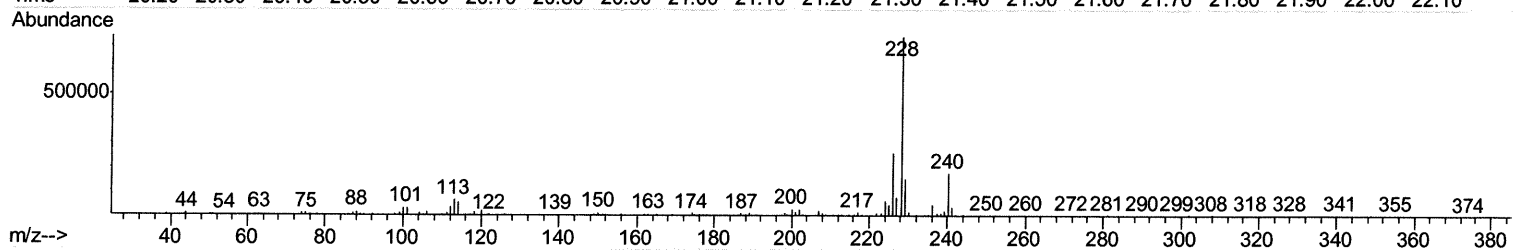
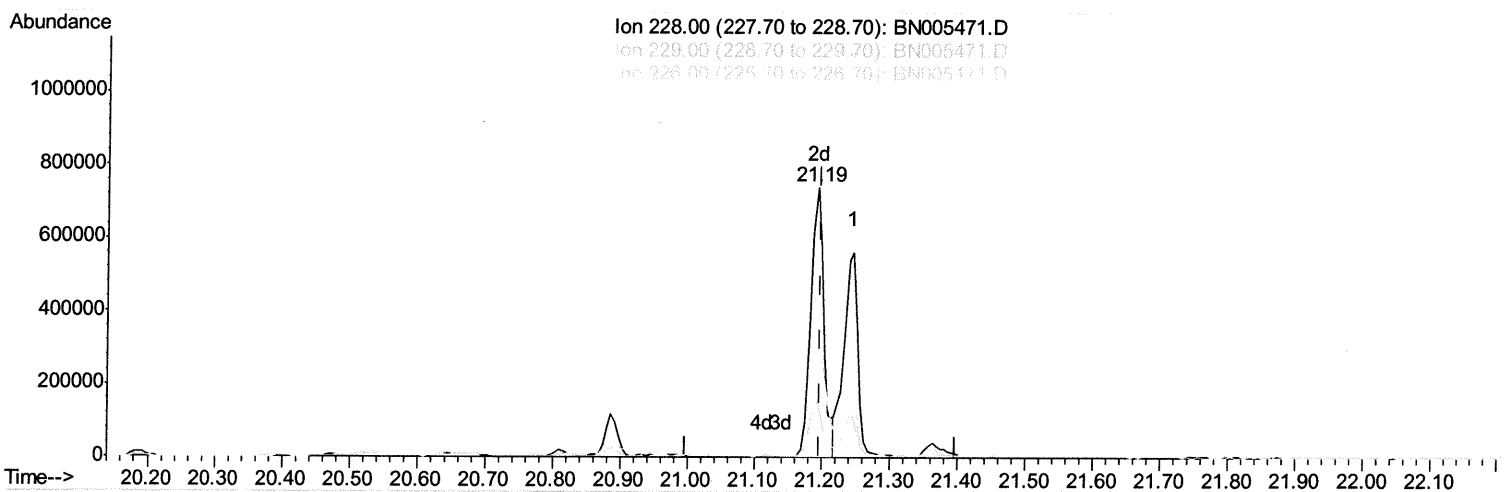
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050319\
Data File : BN005471.D
Acq On : 04 May 2019 03:00
Operator : JU/SJ
Sample : K2603-10DL 30X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAJ62DL

Manual Integrations
APPROVED

mohammad
5/7/2019 8:21:40 AM

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(82) Benzo(a)anthracene

21.192min (-0.006) 13.80ng/ul m

SJ 05/12/19

response 1009129

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.48
226.00	26.80	35.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

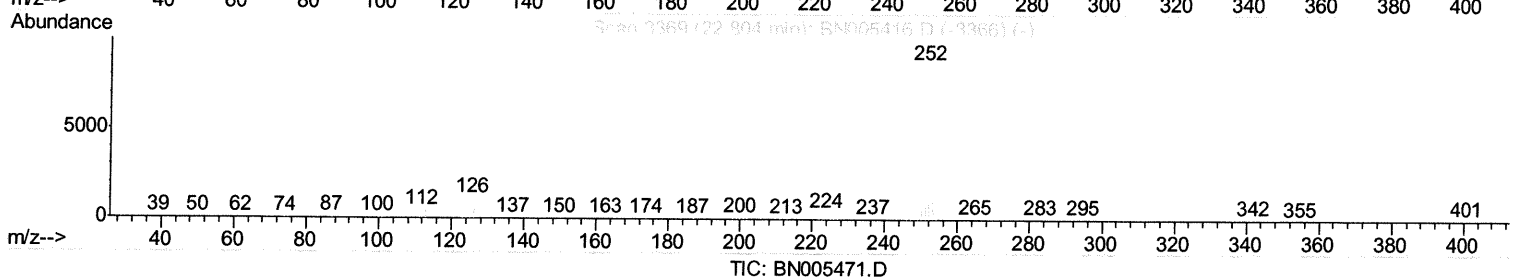
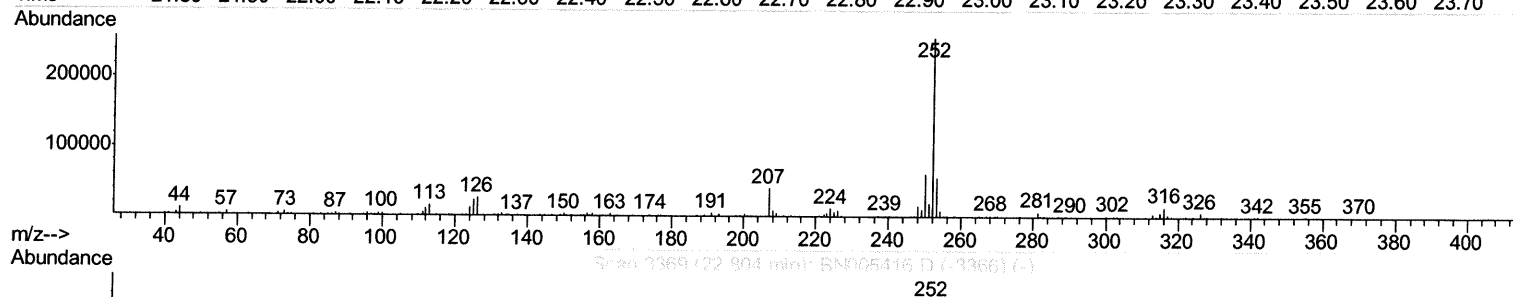
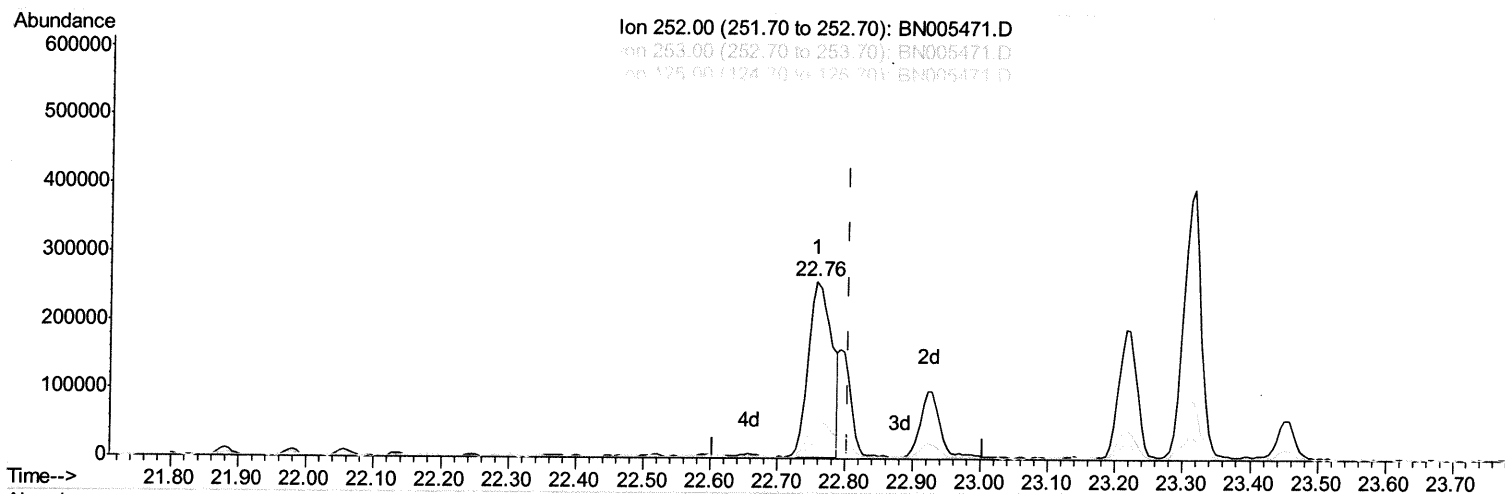
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Data File : BN005471.D
Acq On : 04 May 2019 03:00
Operator : JU/SJ
Sample : K2603-10DL 30X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ62DL

Manual Integrations
APPROVED

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Response via : Initial Calibration



(88) Benzo(k)fluoranthene
22.757min (-0.047) 9.52ng/ul
response 617687

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.15
125.00	9.40	8.96
0.00	0.00	0.00

Quantitation Report (Qedit)

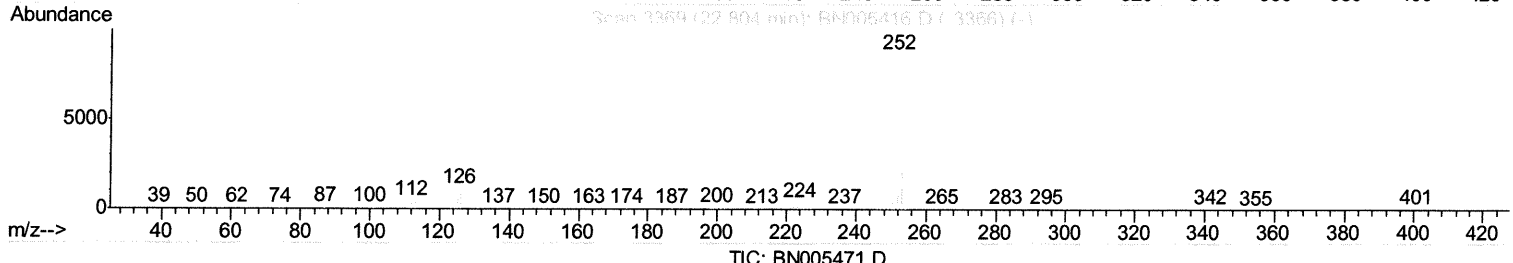
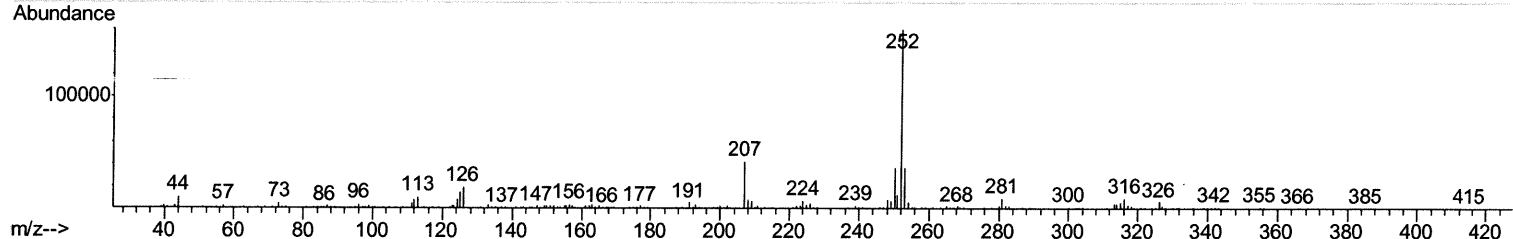
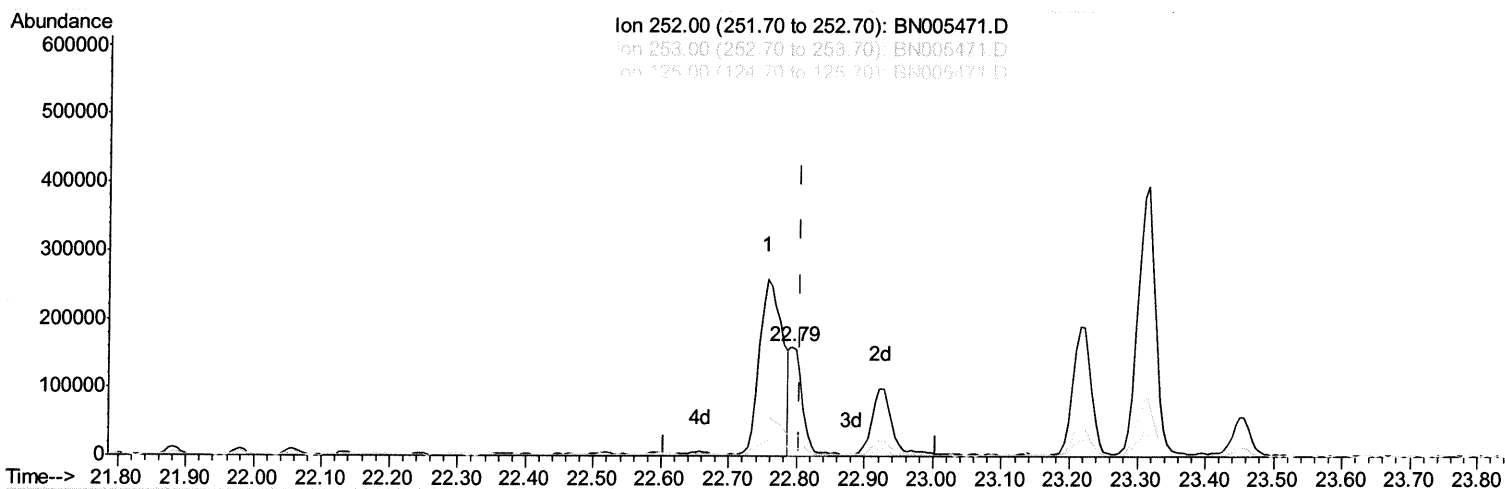
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050319\
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 Operator : JU/SJ
 Sample : K2603-10DL 30X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ62DL

Manual Integrations
 APPROVED

mohammad
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(88) Benzo(k)fluoranthene

22.792min (-0.012) 3.14ng/ul m SJ 05/12/19

response 203693

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.57
125.00	9.40	8.78
0.00	0.00	0.00

Quantitation Report (Qedit)

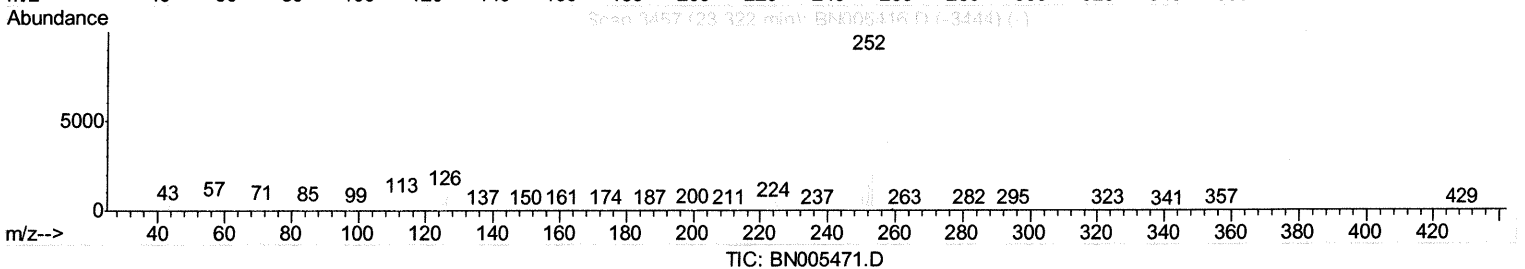
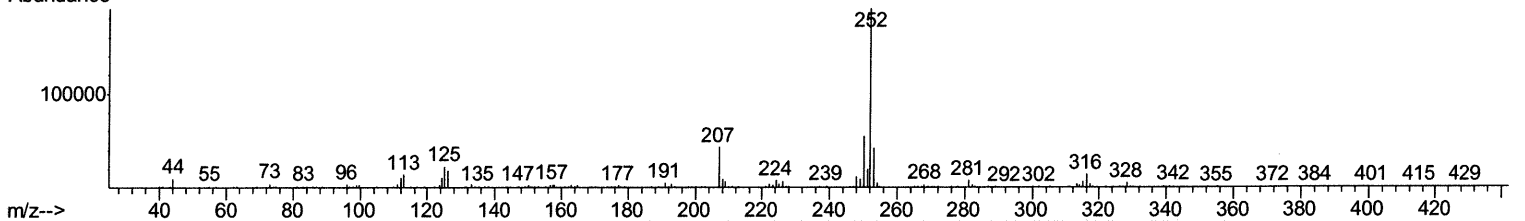
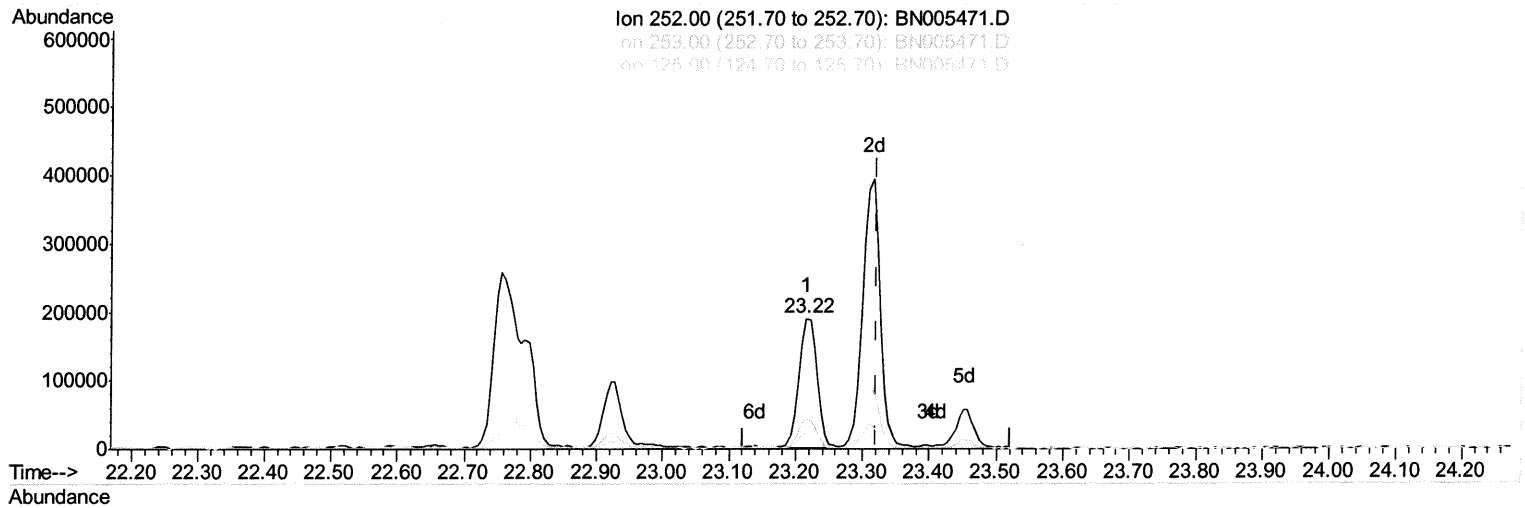
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 Data File : BN005471.D
 Acq On : 04 May 2019 03:00
 Operator : JU/SJ
 Sample : K2603-10DL 30X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 GAJ62DL

Manual Integrations
APPROVED

mohammad
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(90) Benzo(a)pyrene (C)

23.215min (-0.106) 5.55ng/ul

response 354313

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.22
125.00	10.80	12.06
0.00	0.00	0.00

Quantitation Report (Qedit)

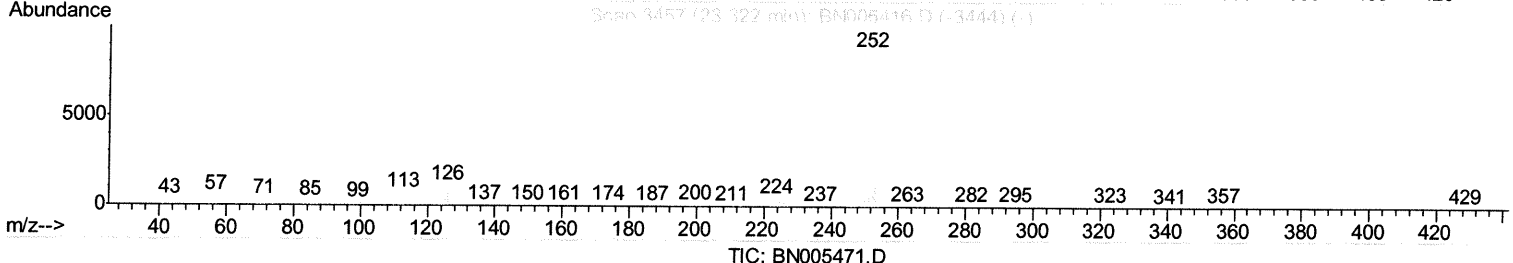
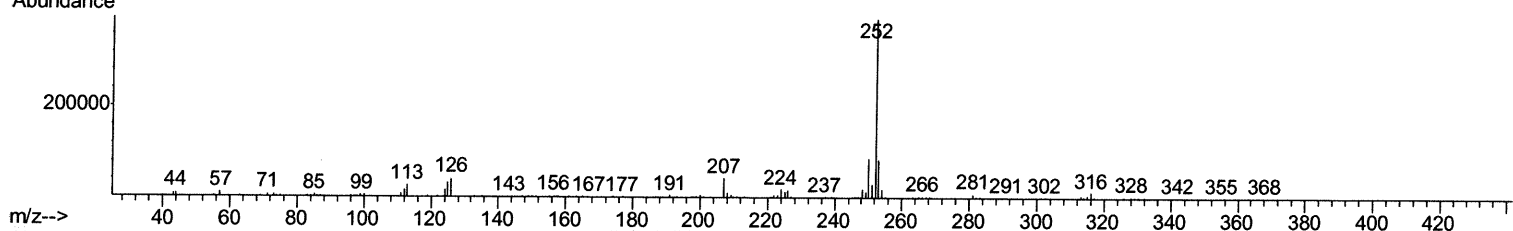
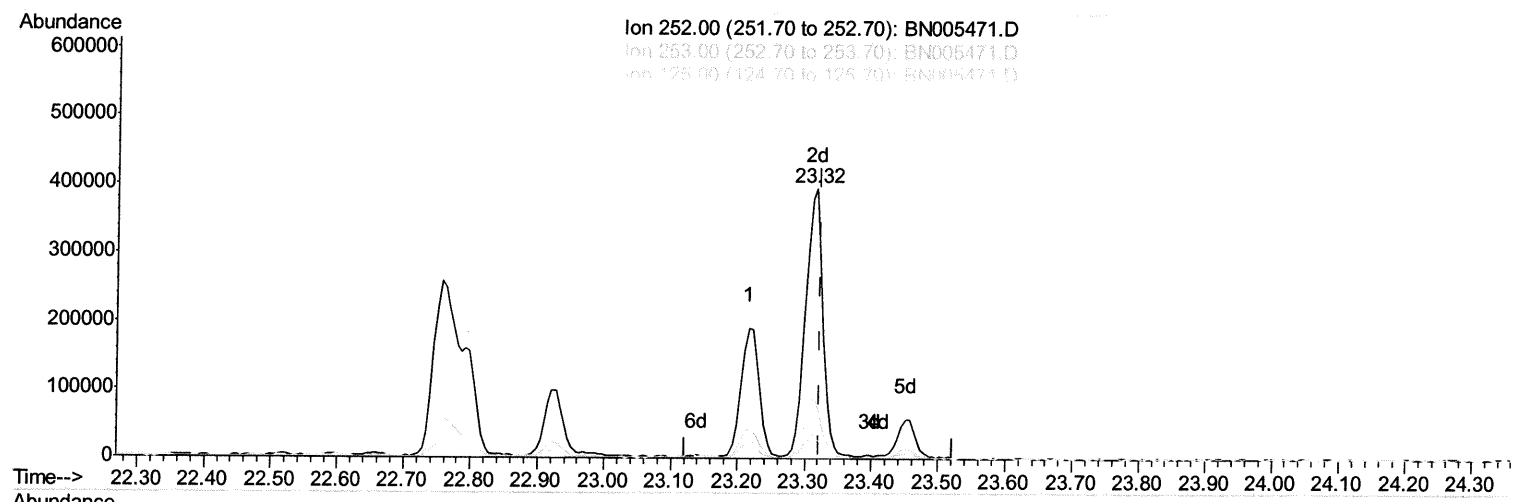
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 Data File : BN005471.D
 Acq On : 04 May 2019 03:00
 Operator : JU/SJ
 Sample : K2603-10DL 30X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(90) Benzo(a)pyrene (C)

23.315min (-0.006) 11.31ng/ul m

SJ 05/12/19

response 721911

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.58
125.00	10.80	8.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050319\
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 Operator : JU/SJ
 Sample : K2603-10DL 30X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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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	250045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1055907	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	635218	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1407587	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1175655	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1208081	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	669	0.13	ng/uL	0.02
5) Phenol-d5	6.78	99	12586	0.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	9489	0.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	11918	0.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	10407	0.68	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	6751	1.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	6064	0.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	11500	0.76	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	6801	0.44	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	45937	1.00	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	54242	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	714	0.10	ng/ul	0.00
57) Fluorene-d10	15.22	176	45804	1.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	883	0.14	ng/ul	0.01
70) Anthracene-d10	17.07	188	67134	1.14	ng/ul	0.00
78) Pyrene-d10	19.39	212	69444	1.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	54280	1.03	ng/ul	-0.01

Target Compounds

					Qvalue
28) Naphthalene	10.40	128	8715601	177.553	ng/ul 100
34) 2-Methylnaphthalene	12.02	142	2099680	58.418	ng/ul 98
40) 1,1'-Biphenyl	13.05	154	293637	6.204	ng/ul 98
47) Acenaphthylene	13.94	152	1052947	18.918	ng/ul 98
49) Acenaphthene	14.29	153	789976	20.790	ng/ul 99
53) Dibenzofuran	14.63	168	170265	3.112	ng/ul 100
58) Fluorene	15.28	166	1050856	24.617	ng/ul 97
69) Phenanthrene	17.02	178	4987292	72.752	ng/ul 99
71) Anthracene	17.11	178	1328468	19.023	ng/ul 99
74) Carbazole	17.39	167	71540	1.193	ng/ul 97
76) Fluoranthene	19.05	202	2163639	28.455	ng/ul 96
79) Pyrene	19.42	202	3027412	39.994	ng/ul# 94
82) Benzo(a)anthracene	21.19	228	1009129m	13.798	ng/ul# 94
84) Chrysene	21.25	228	813166	11.980	ng/ul 98
87) Benzo(b)fluoranthene	22.76	252	617687	9.096	ng/ul 99
88) Benzo(k)fluoranthene	22.79	252	203693m	3.141	ng/ul# 94
90) Benzo(a)pyrene	23.32	252	721911m	11.310	ng/ul# 94
91) Indeno(1,2,3-cd)pyrene	25.59	276	278365	3.944	ng/ul# 94
92) Dibenzo(a,h)anthracene	25.59	278	78054	1.303	ng/ul 97
93) Benzo(g,h,i)perylene	26.25	276	280762	4.811	ng/ul# 93

SJ 05/12/19
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(#) = qualifier out of range (m) = manual integration (+) = signals summed