

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\

Data File : BN005437.D

Acc On : 03 May 2019 04:13

Operator : JU/SJ

Sample : K2603-16 5X

Misc :

ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 06 06:40:57 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

Instrument :

BNA N

ClientSampleId :

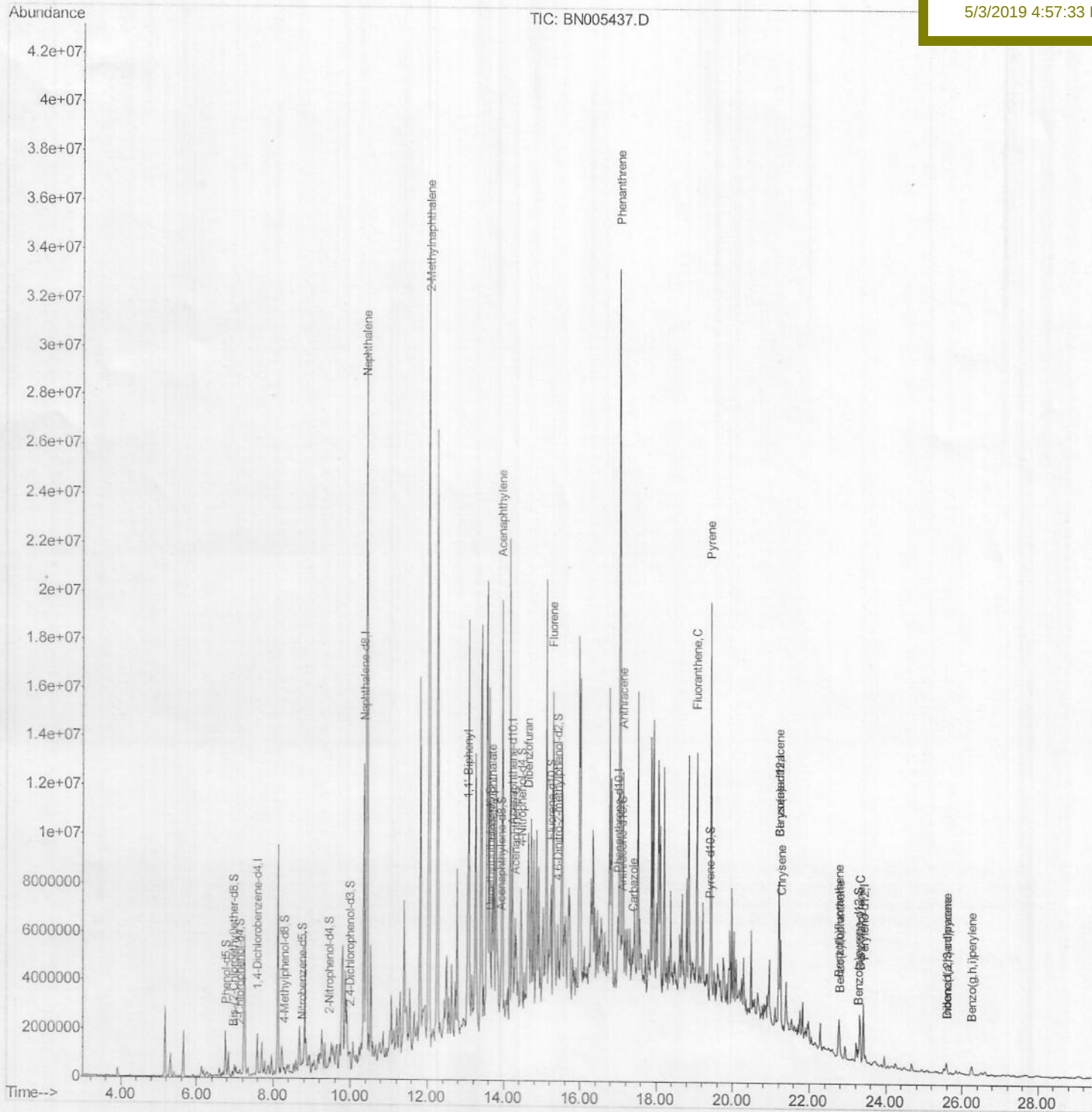
GAJ68

Manual Integrations

APPROVED

Sohil

5/3/2019 4:57:33 PM



Quantitation Report (Qedit)

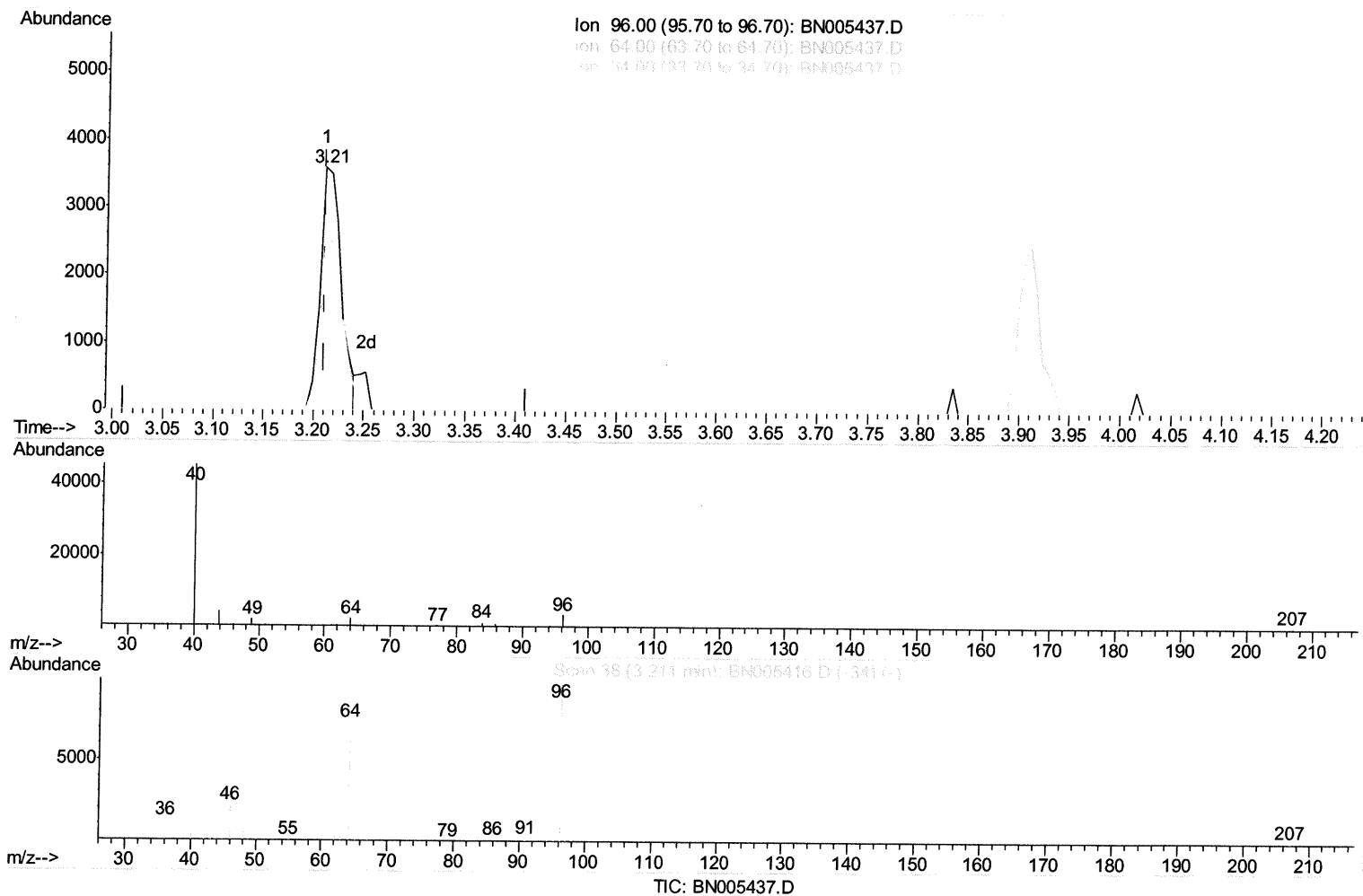
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005437.D
Acq On : 03 May 2019 04:13
Operator : JU/SJ
Sample : K2603-16 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68

Manual Integrations
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5/3/2019 4:57:33 PM

Quant Time: May 03 07:14:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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(3) 1,4-Dioxane-d8 (S)

3.211min (0.000) 0.64ng/uL

response 5114

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	67.81
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

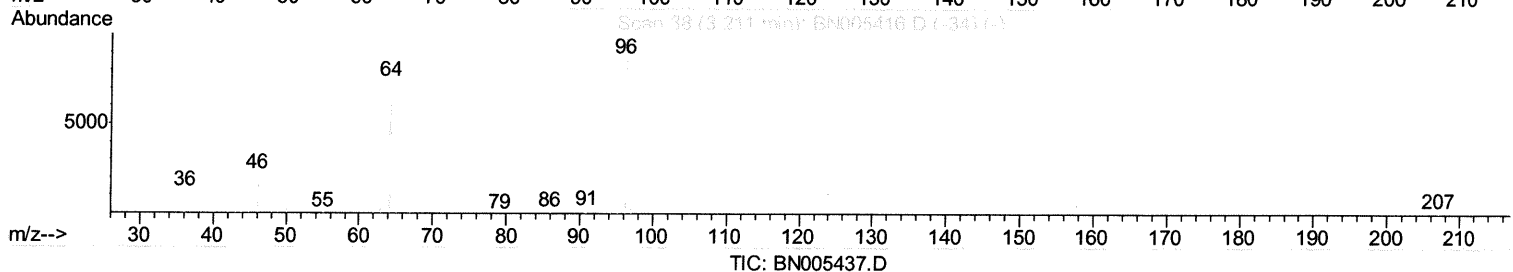
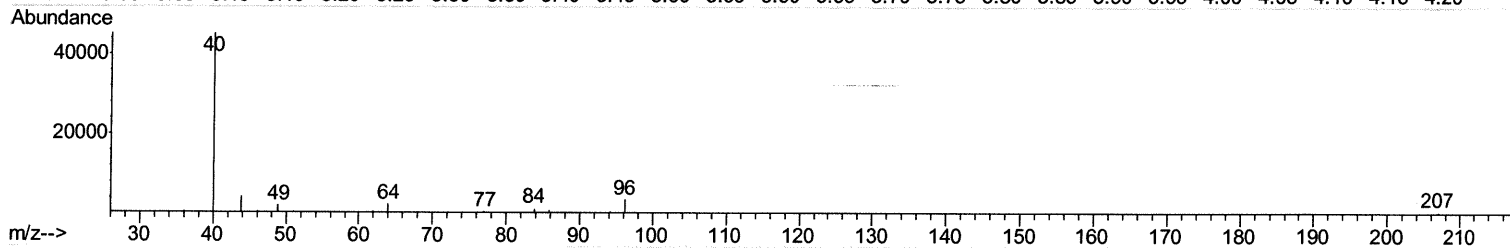
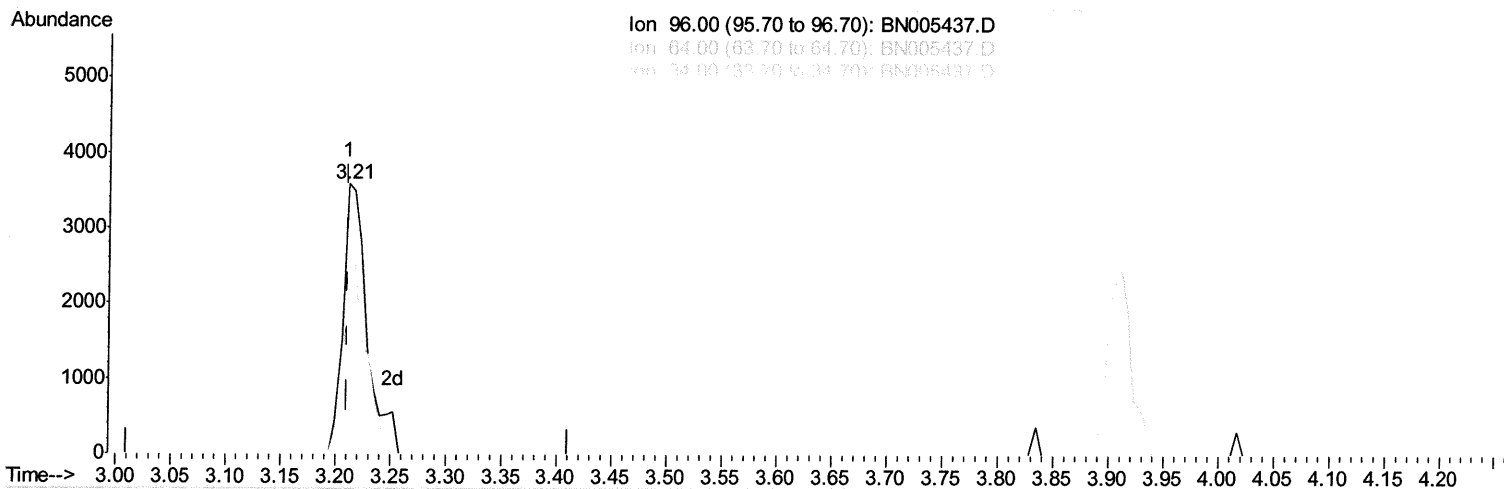
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Manual Integrations
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 5/3/2019 4:57:33 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.211min (0.000) 0.68ng/uL m SJ 05/12/19

response 5497

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	67.81
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

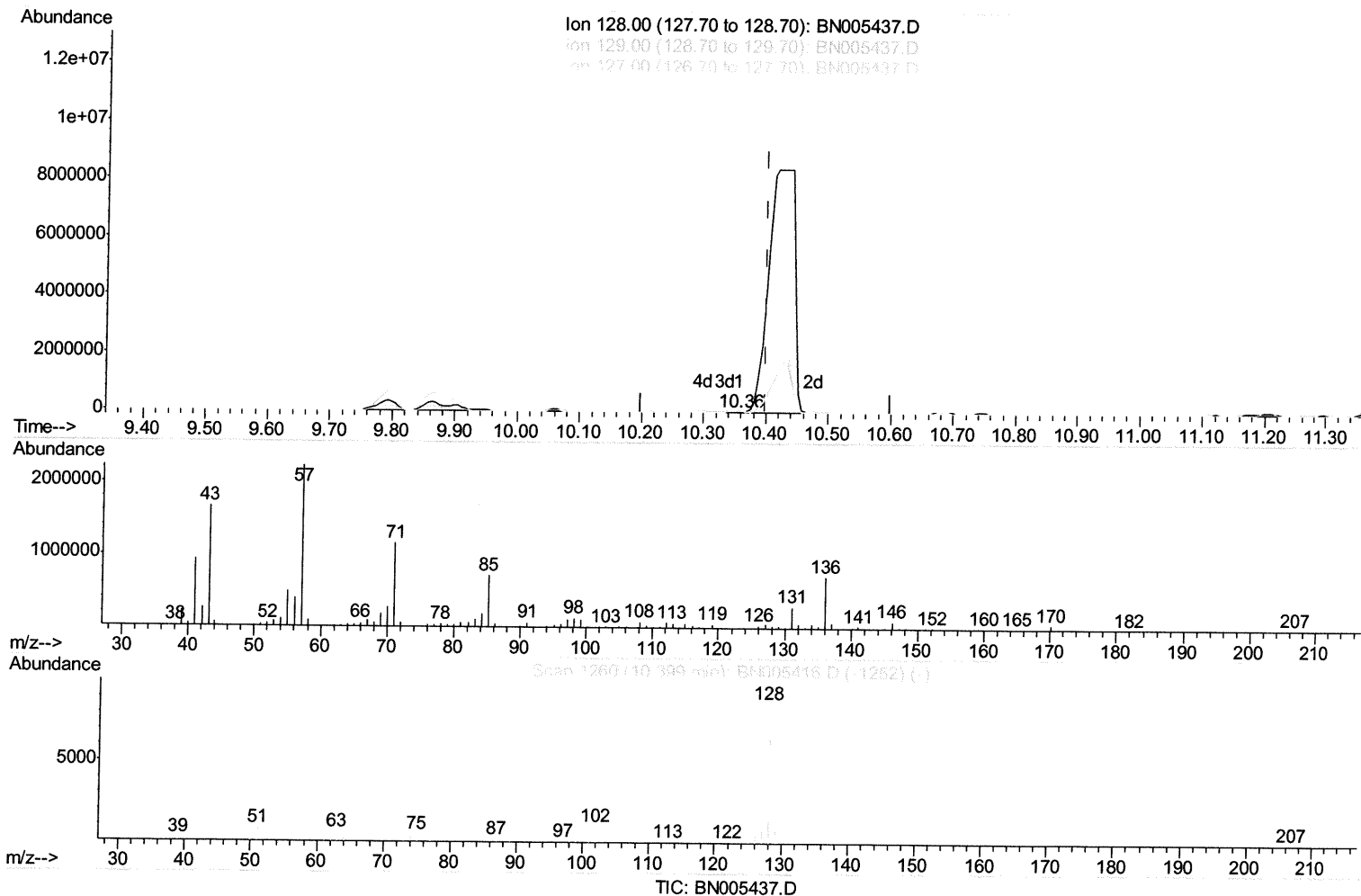
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005437.D
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 Sample : K2603-16 5X
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(28) Naphthalene

10.357min (-0.041) 0.22ng/ul

response 15747

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	93.19#
127.00	13.40	156.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

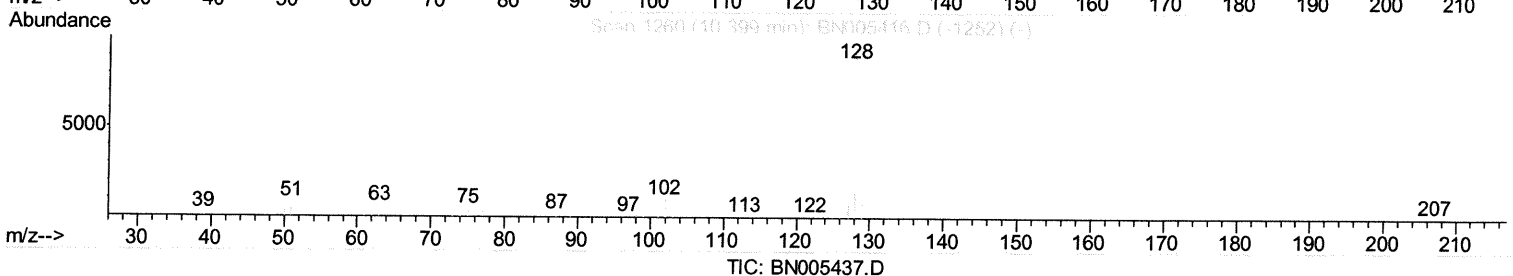
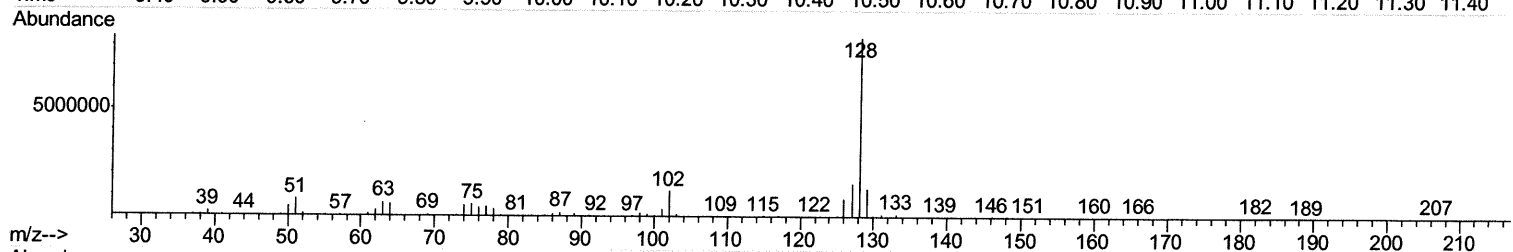
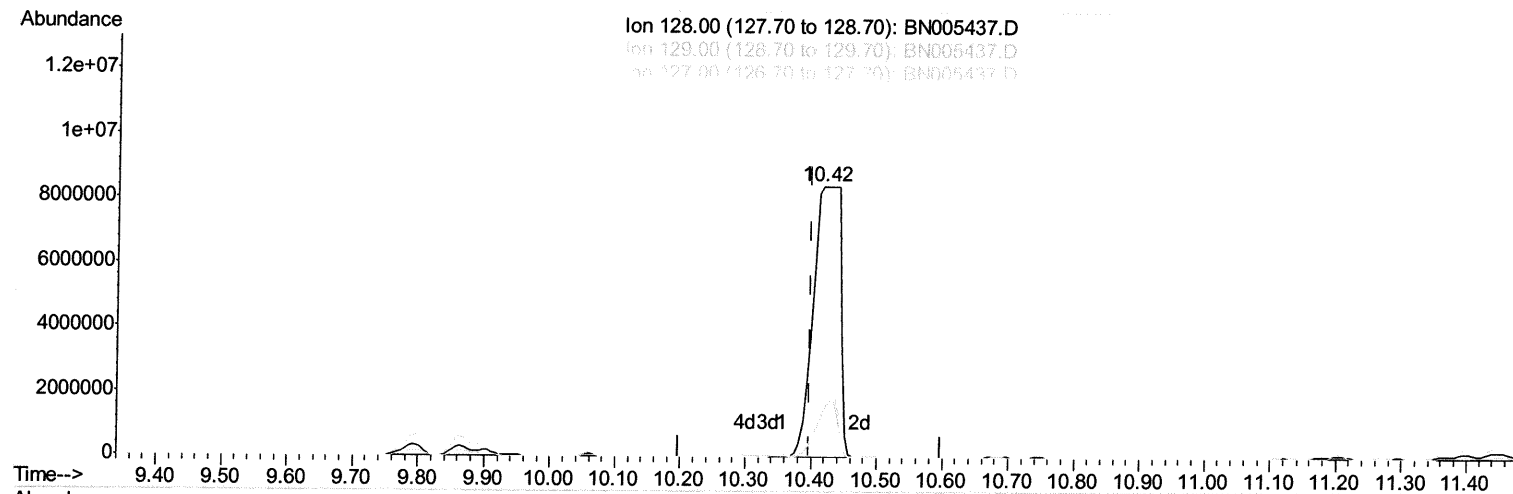
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 Sample : K2603-16 5X
 Misc :
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Instrument :
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 Response via : Initial Calibration



(28) Naphthalene

10.416min (+0.018) 337.06ng/ul m SJ 05/12/19

response 24220136

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	16.05#
127.00	13.40	18.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

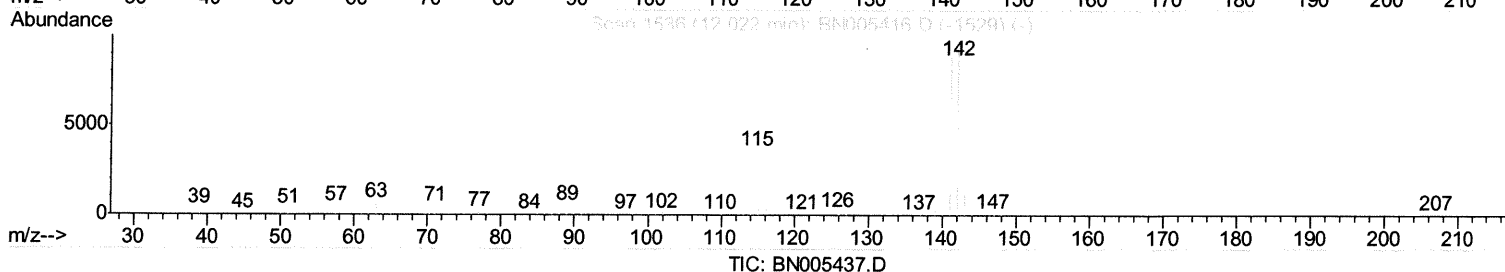
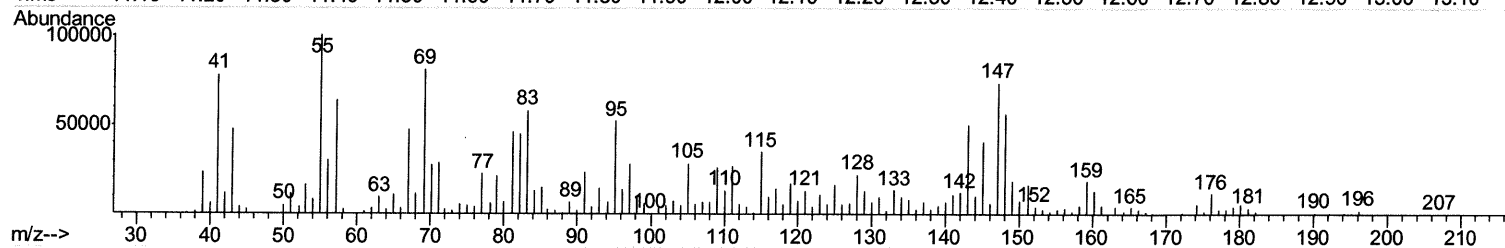
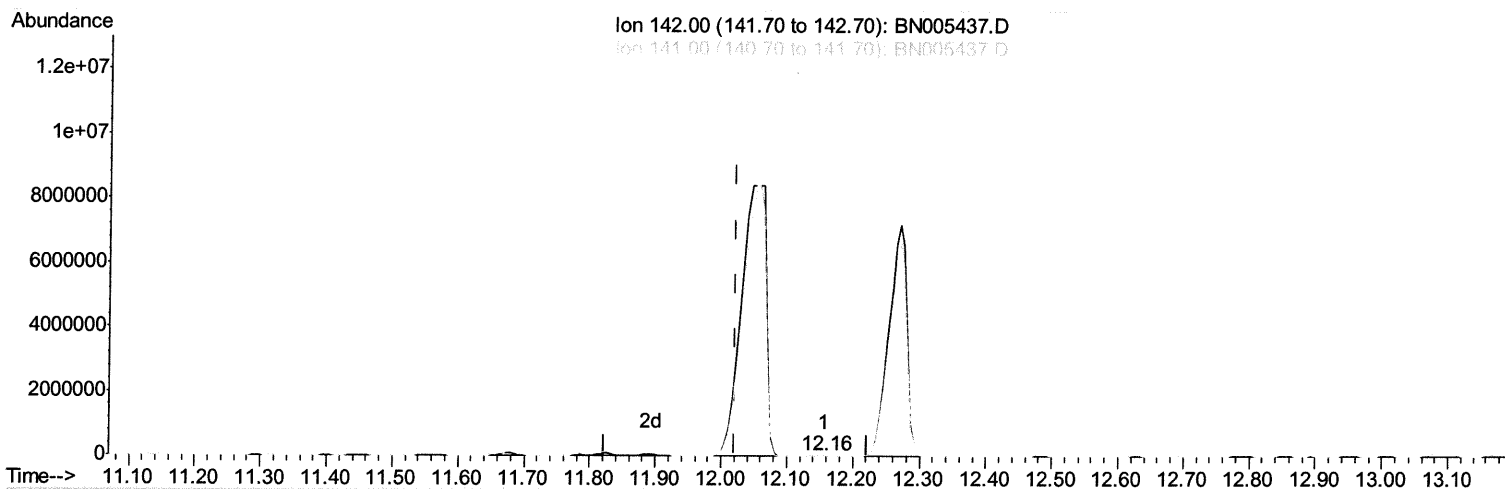
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Data File : BN005437.D
Acq On : 03 May 2019 04:13
Operator : JU/SJ
Sample : K2603-16 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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(34) 2-Methylnaphthalene

12.157min (+0.135) 0.38ng/ul

response 20112

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	93.11
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

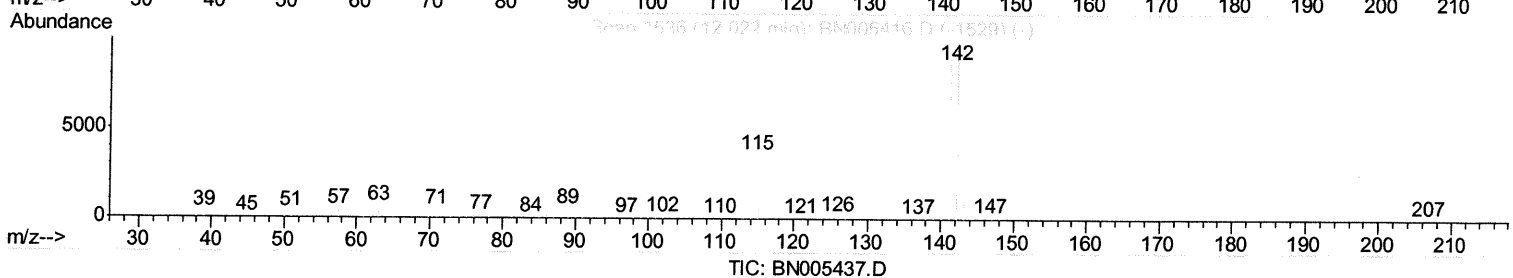
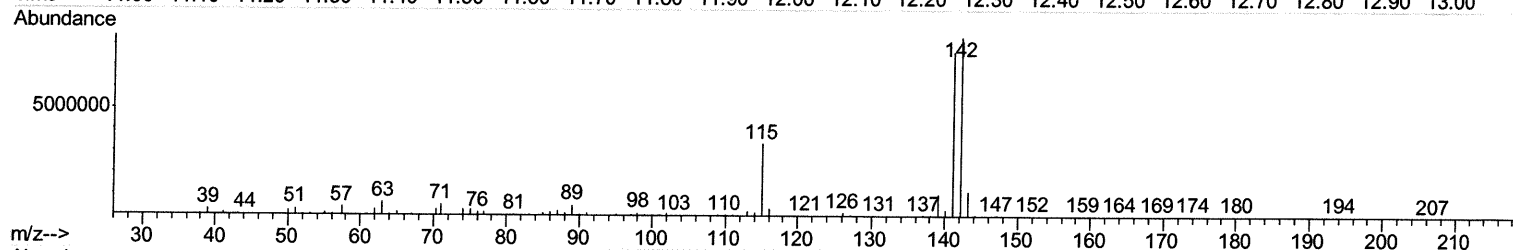
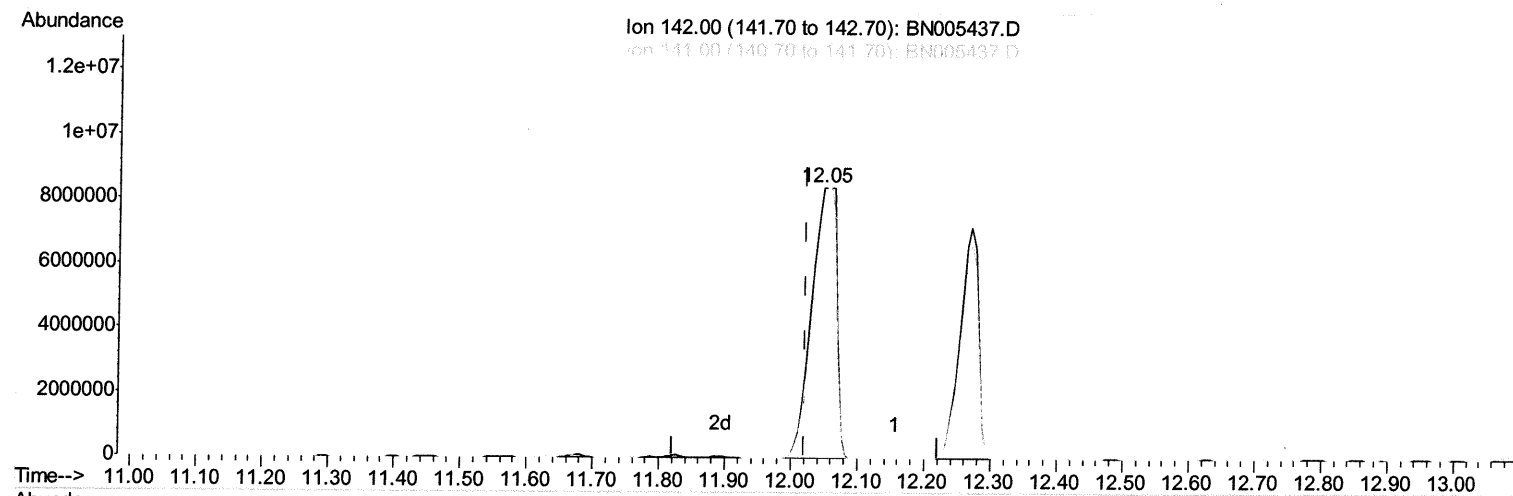
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005437.D
 Acq On : 03 May 2019 04:13
 Operator : JU/SJ
 Sample : K2603-16 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
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Quant Time: May 03 07:14:54 2019
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 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.046min (+0.024) 415.68ng/ul m SJ 05/12/19

response 21871013

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	92.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

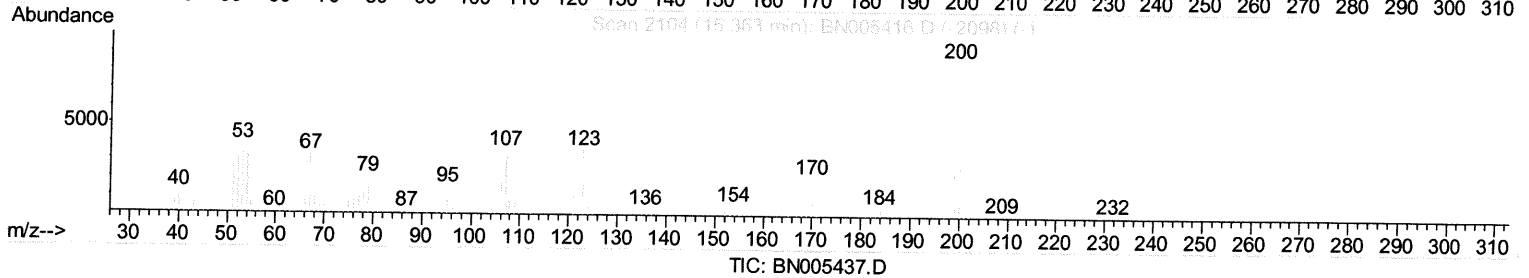
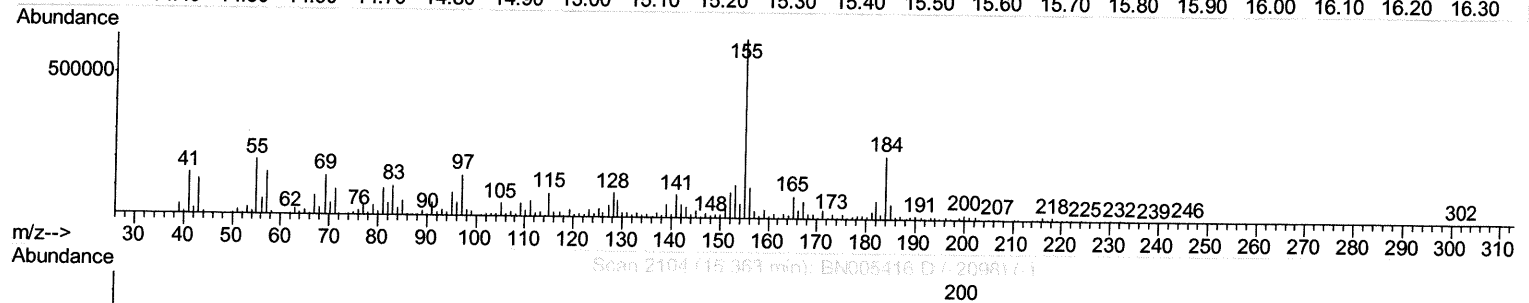
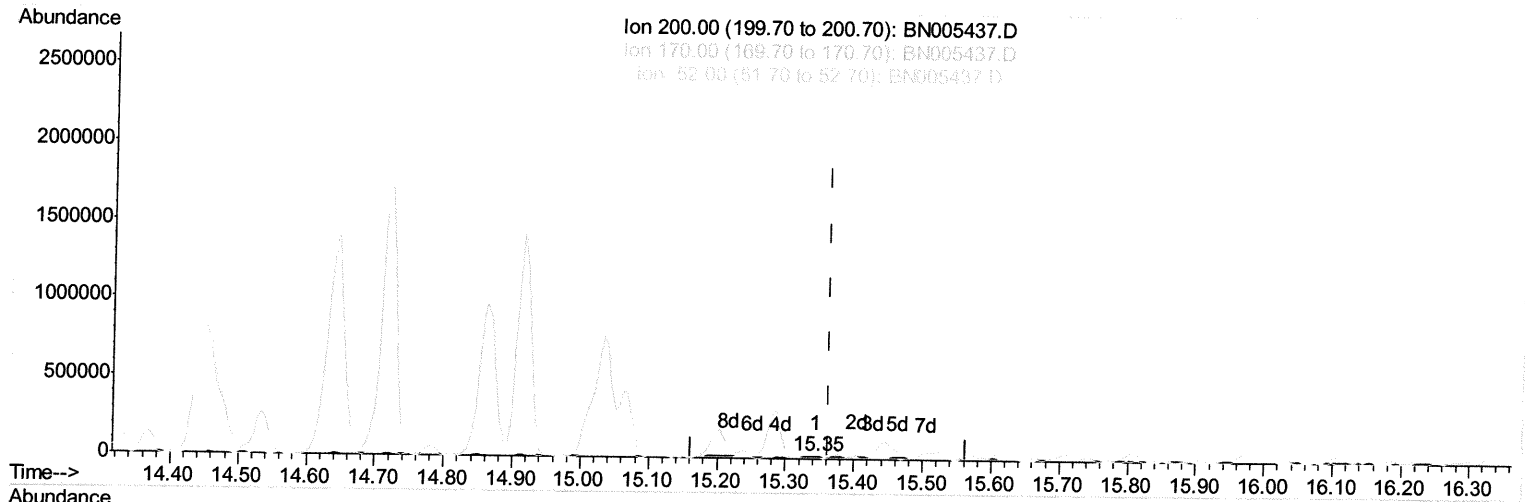
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 Operator : JU/SJ
 Sample : K2603-16 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
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Manual Integrations
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.345min (-0.018) 1.63ng/ul

response 16046

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	25.87
52.00	49.60	32.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

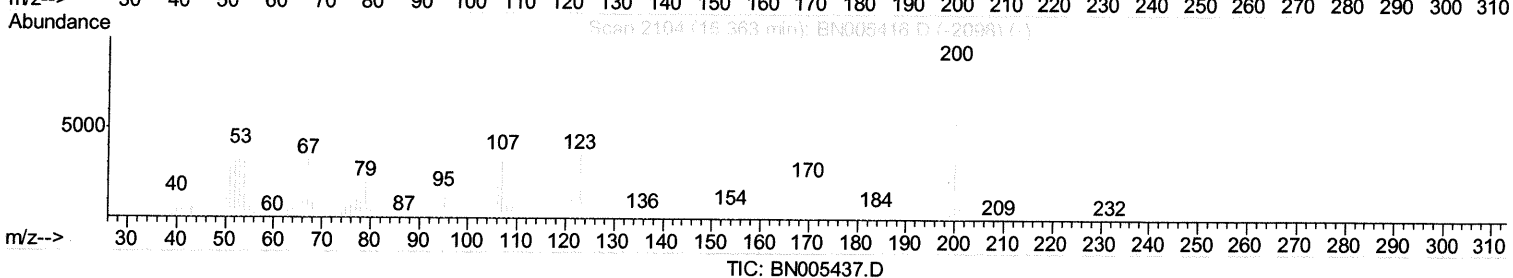
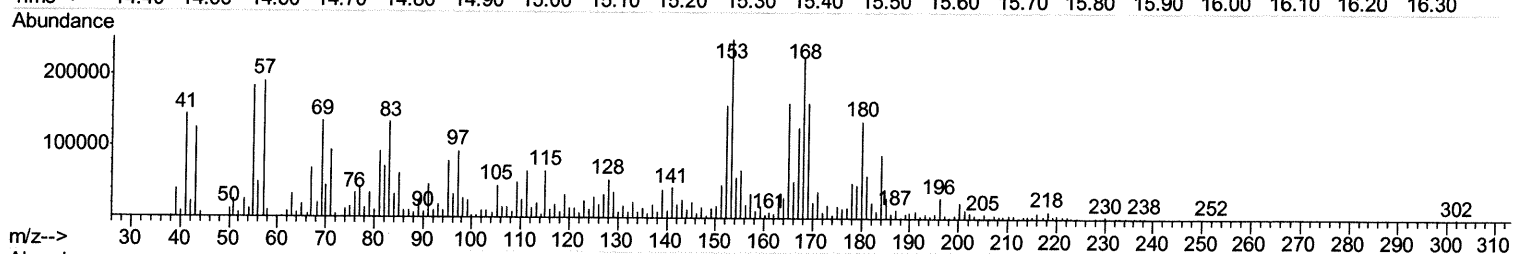
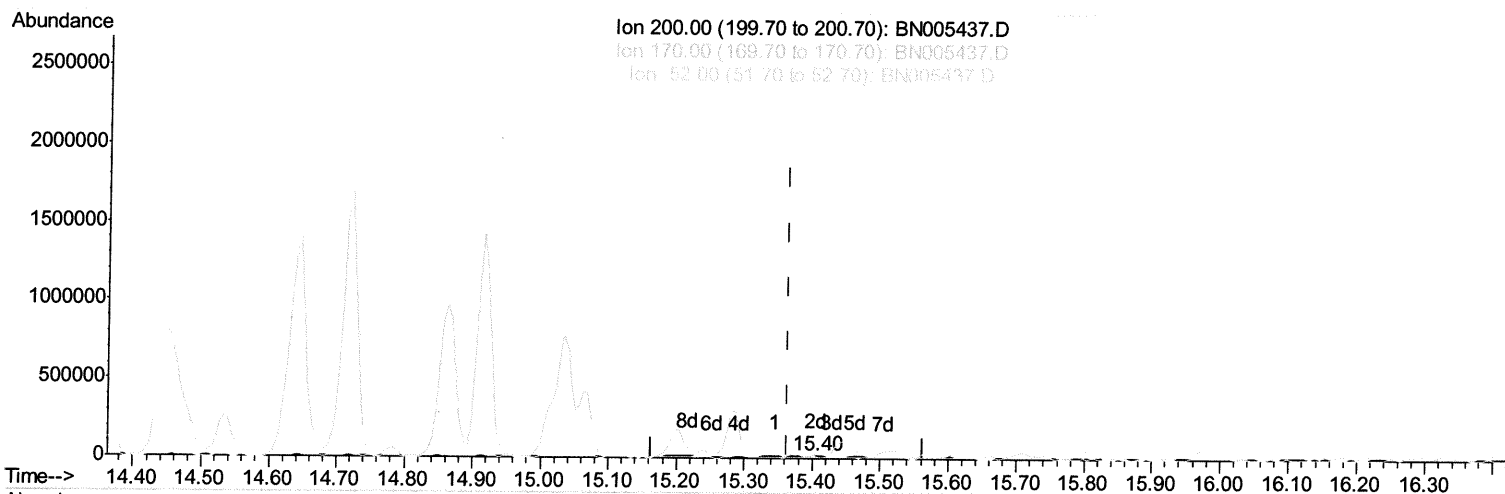
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 Sample : K2603-16 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
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Sohil
 5/3/2019 4:57:33 PM

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 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.404min (+0.041) 3.12ng/ul m SJ 05/12/19

response 30824

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	103.62#
52.00	49.60	32.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

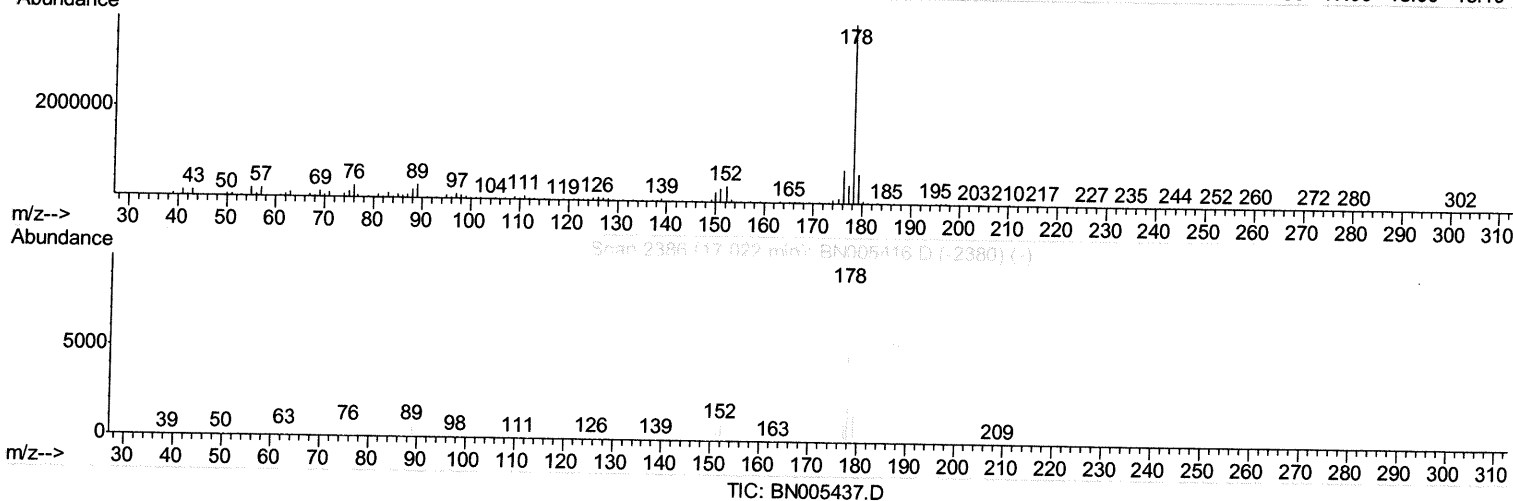
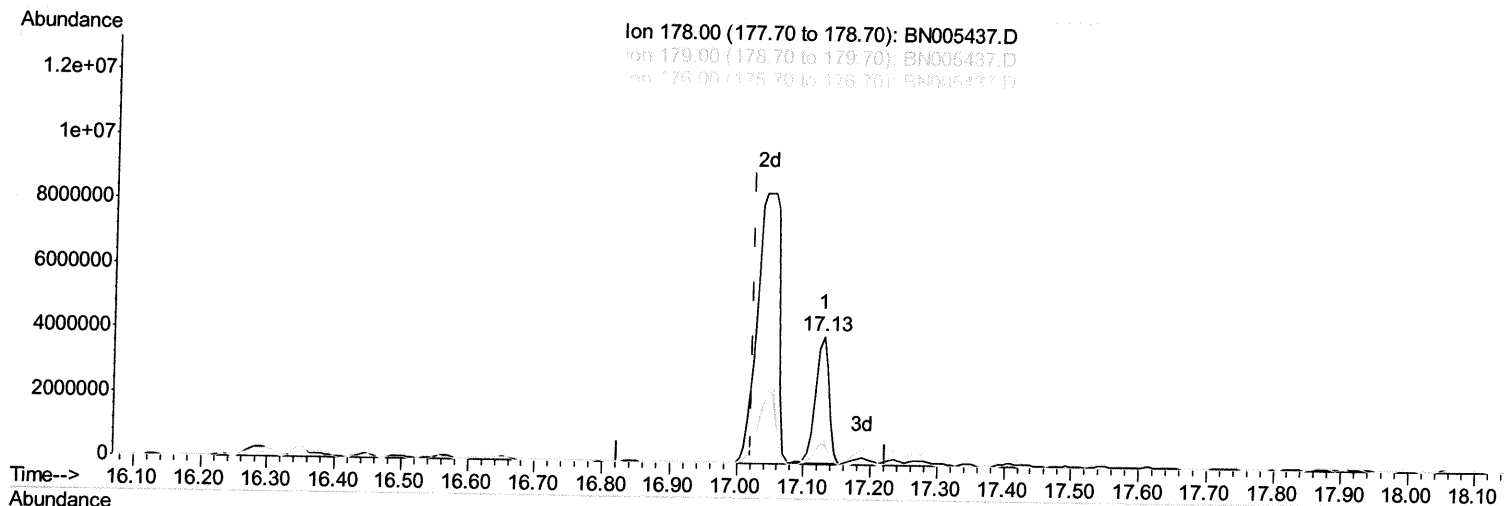
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005437.D
Acq On : 03 May 2019 04:13
Operator : JU/SJ
Sample : K2603-16 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68

Manual Integrations
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Sohil
5/3/2019 4:57:33 PM

Quant Time: May 03 07:14:54 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



(69) Phenanthrene

17.128min (+0.106) 51.10ng/ul

response 5462486

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.28
176.00	18.90	18.76
0.00	0.00	0.00

Quantitation Report (Qedit)

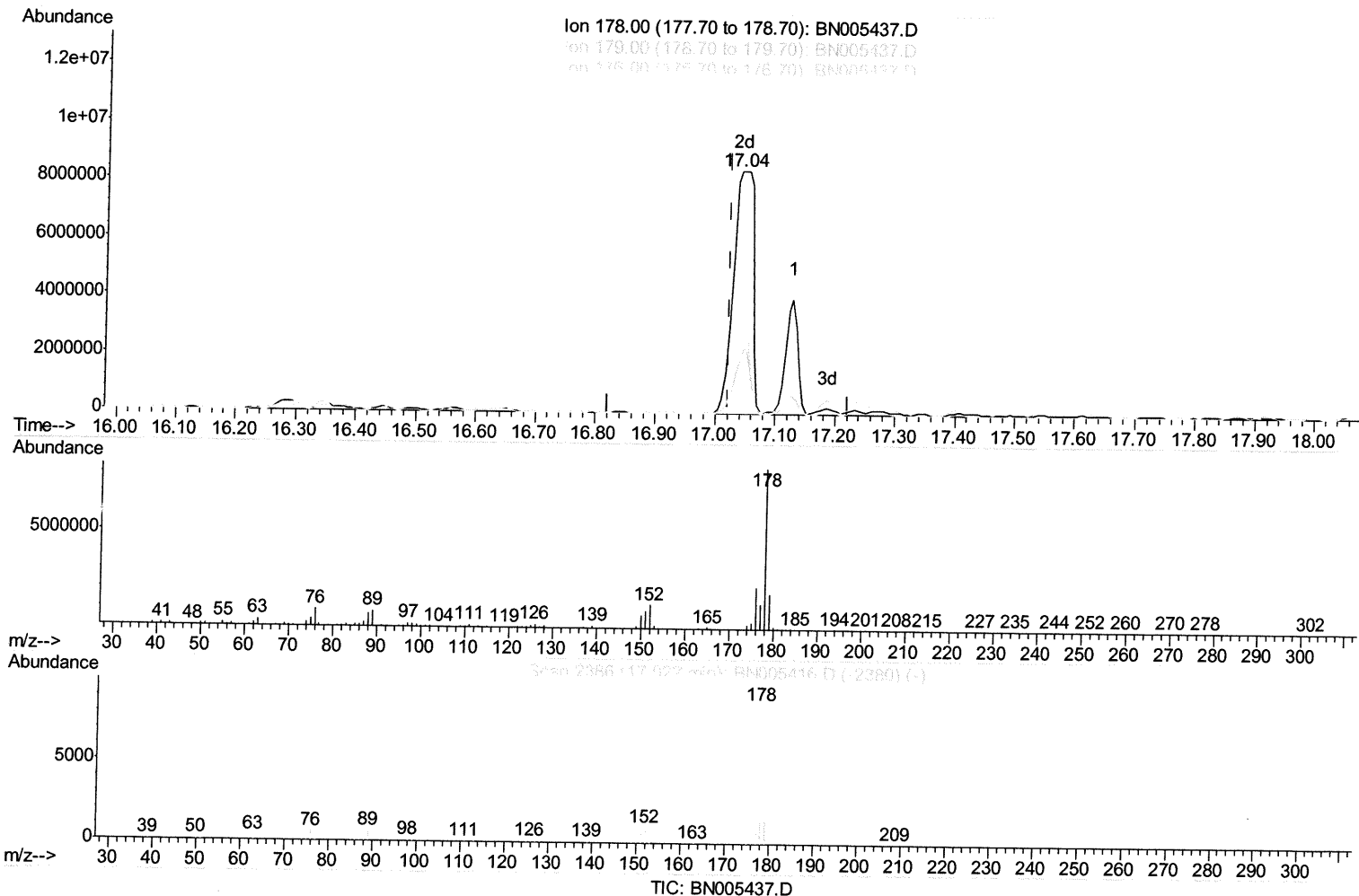
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Manual Integrations
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Sohil
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(69) Phenanthrene

17.039min (+0.018) 179.78ng/ul m SJ 05/12/19

response 19217639

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	22.11#
176.00	18.90	26.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

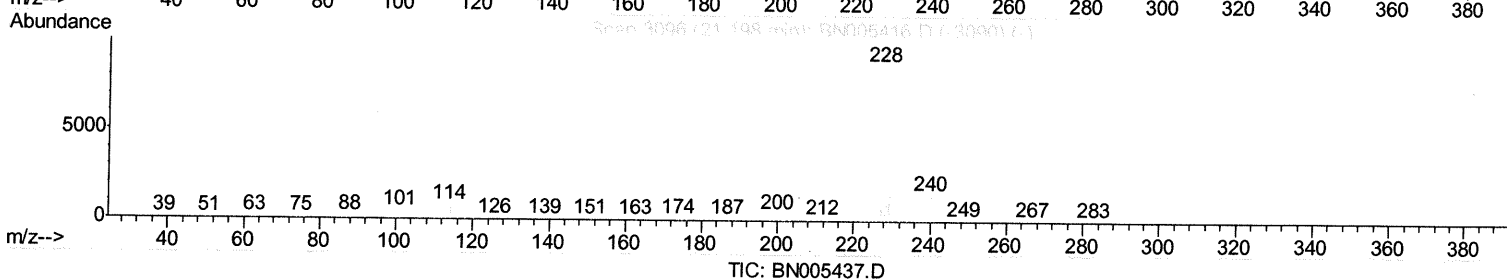
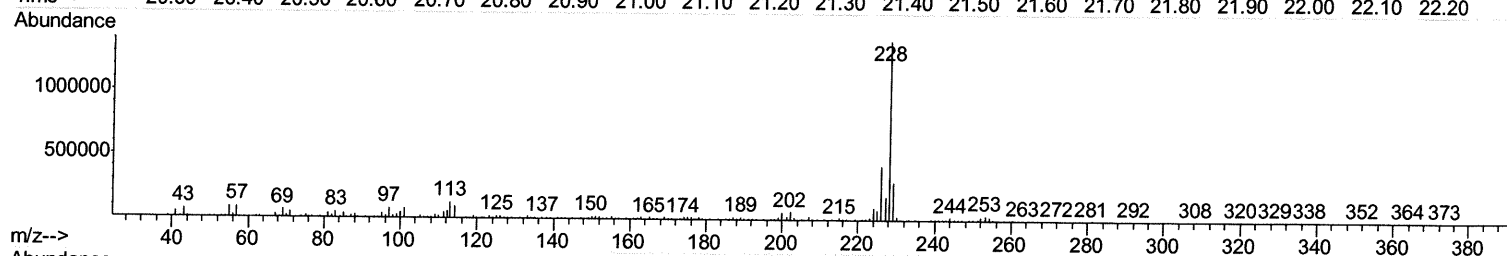
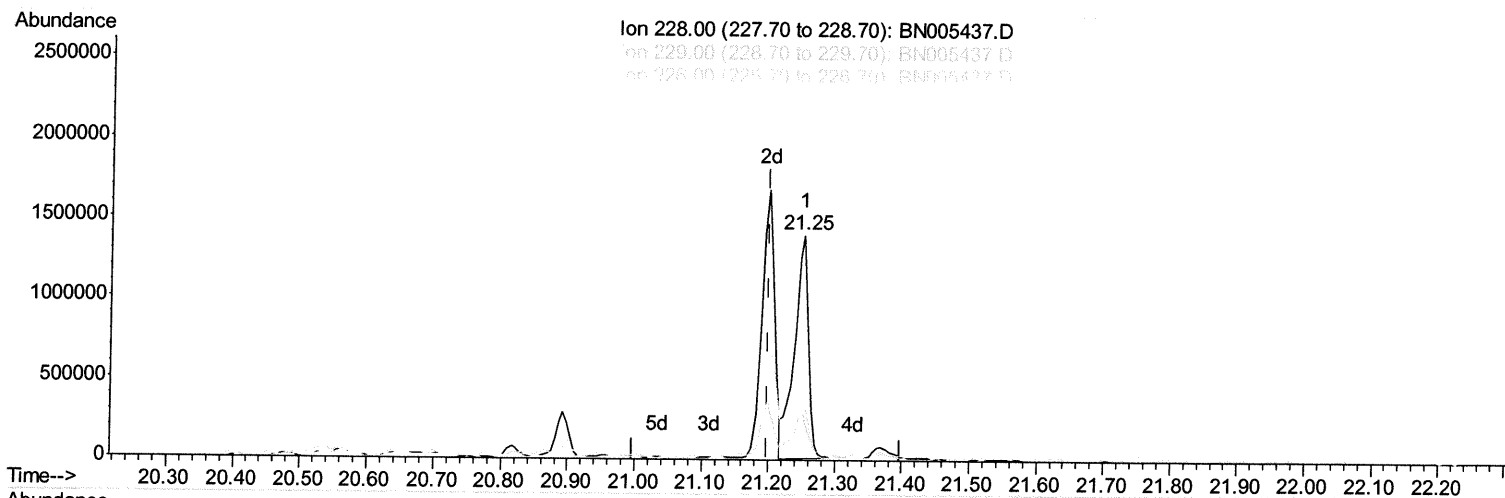
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(82) Benzo(a)anthracene

21.251min (+0.053) 18.14ng/ul

response 2047912

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.35
226.00	26.80	30.44
0.00	0.00	0.00

Quantitation Report (Qedit)

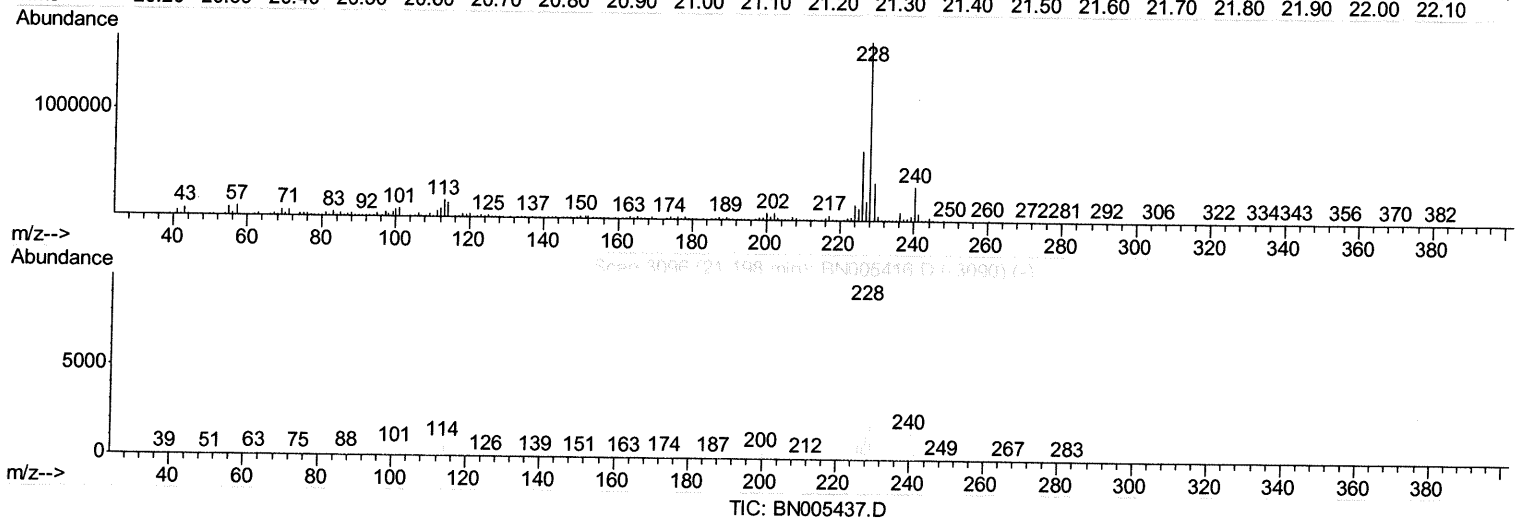
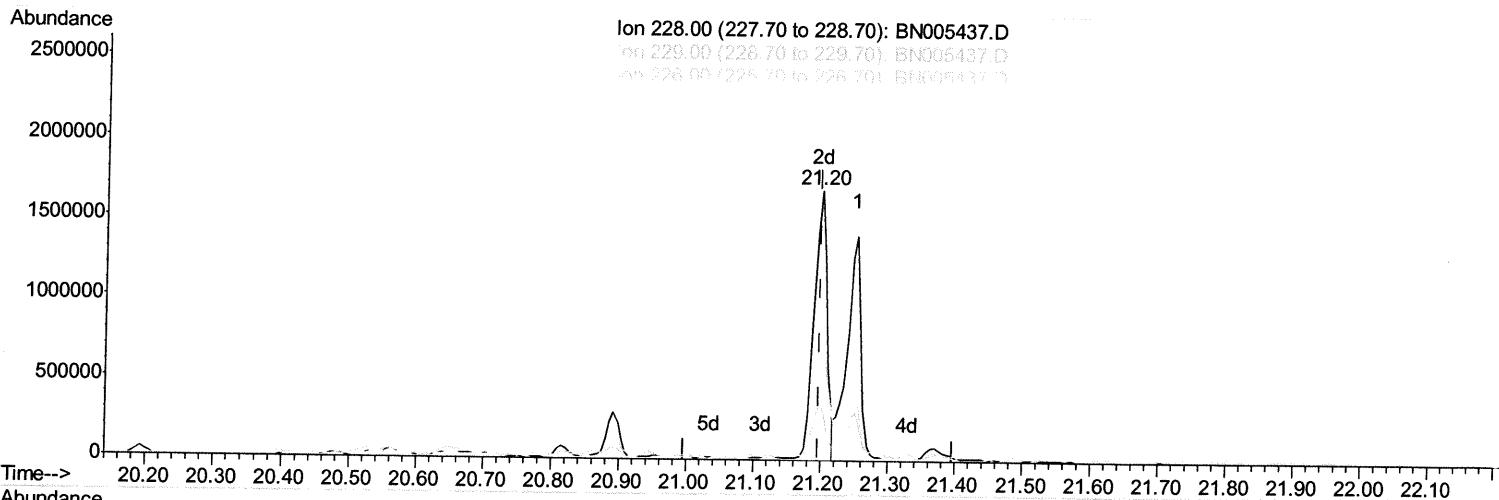
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Instrument :
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Manual Integrations
 APPROVED

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(82) Benzo(a)anthracene

21.198min (0.000) 20.14ng/ul m SJ 05/12/19

response 2273909

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.38
226.00	26.80	38.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

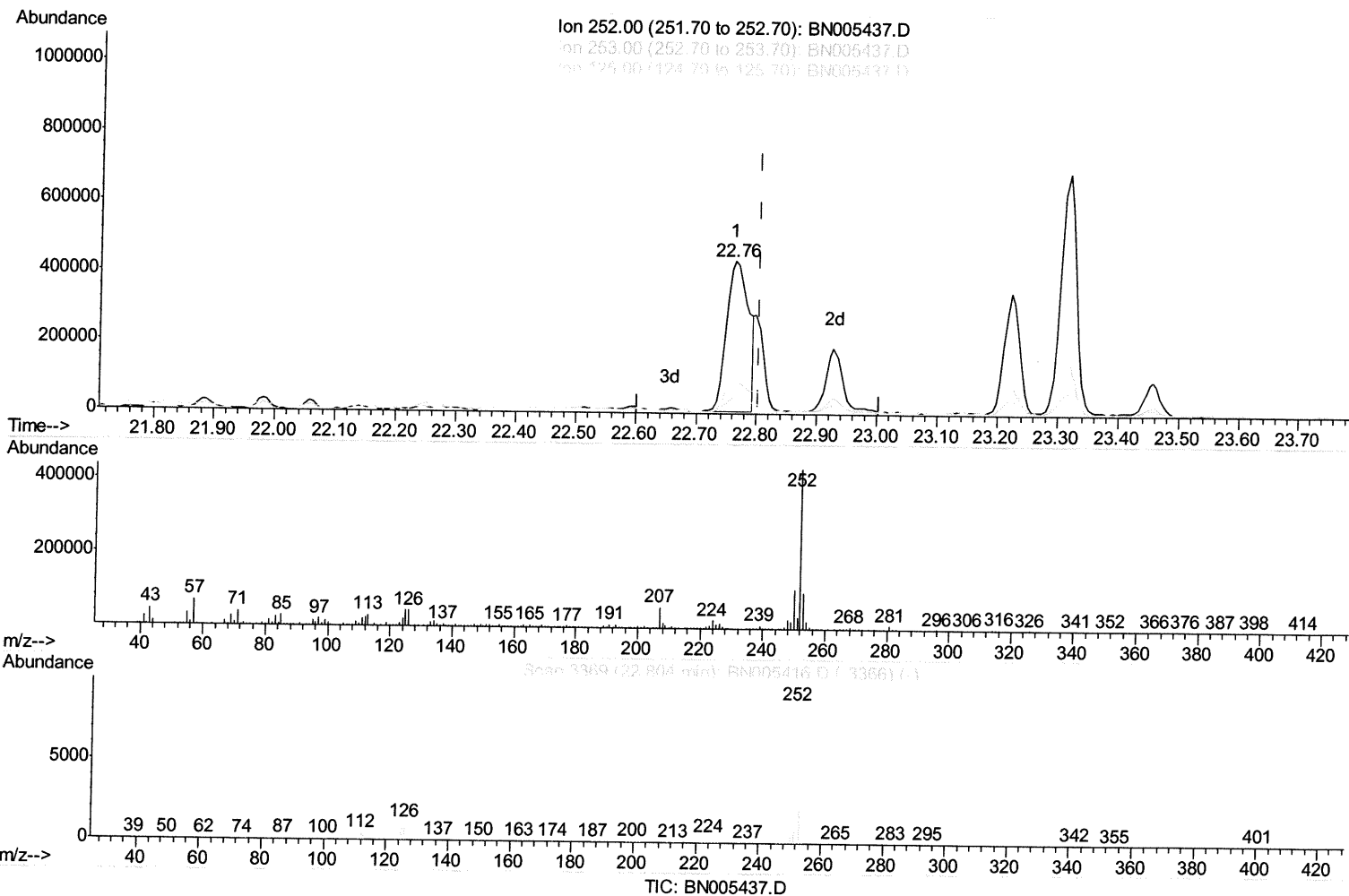
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(88) Benzo(k)fluoranthene

22.763min (-0.041) 11.57ng/ul

response 1101298

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.75
125.00	9.40	10.06
0.00	0.00	0.00

Quantitation Report (Qedit)

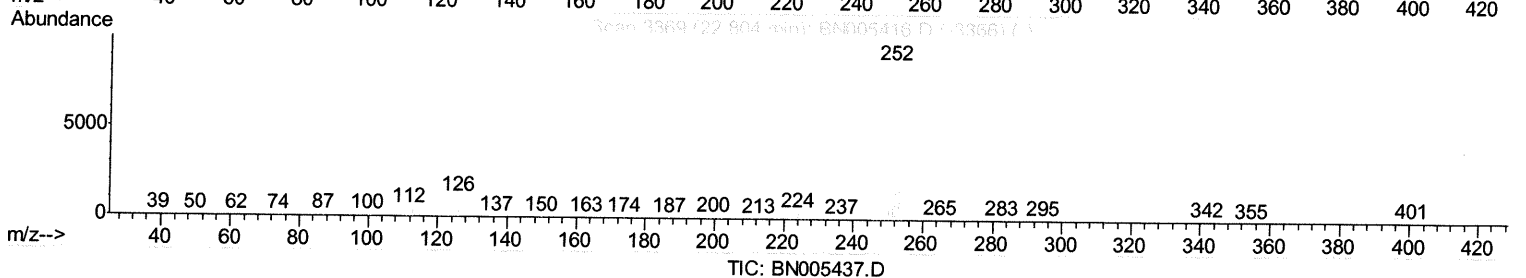
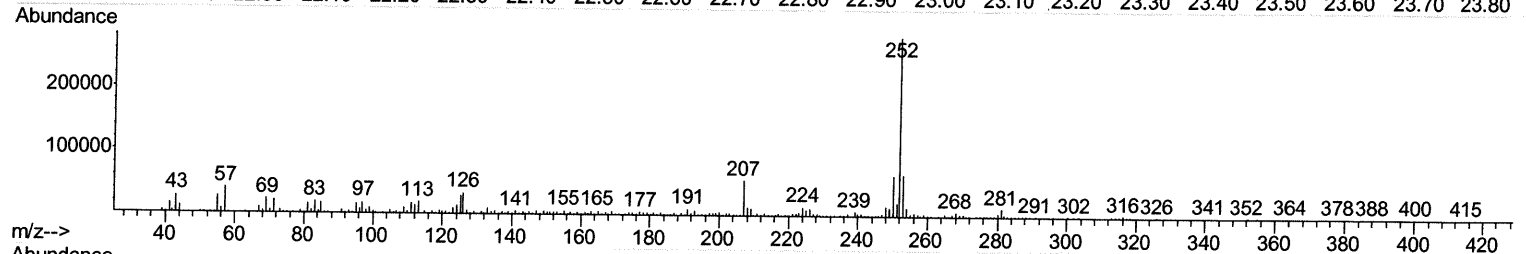
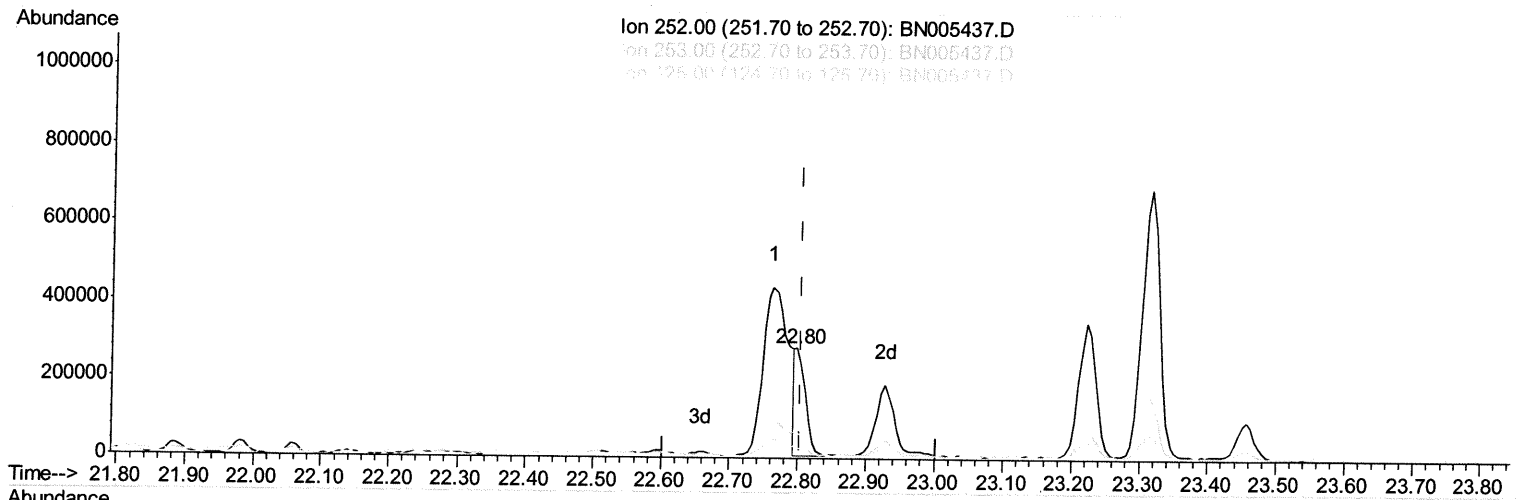
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(88) Benzo(k)fluoranthene

22.798min (-0.006) 3.04ng/ul m SJ 05/12/19

response 289574

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.30
125.00	9.40	10.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\

Data File : BN005437.D

Acq On : 03 May 2019 04:13

Operator : JU/SJ

Sample : K2603-16 5X

Misc :

ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 06 06:40:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

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Instrument :

BNA_N

Client Sample ID :

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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	7.59	152	387871	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1545711	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	1026148	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2194916	20.00	ng/ul	0.01
77) Chrysene-d12	21.21	240	1814825	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1773721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	5497m	0.68	ng/uL	0.00
5) Phenol-d5	6.78	99	116677	3.83	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.94	67	81001	4.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	101091	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	90555	3.80	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	60650	6.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	57580	5.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	106621	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.65	166	352828	4.74	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	434712	4.75	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	63835	5.43	ng/ul	0.02
57) Fluorene-d10	15.23	176	308506	4.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	30824m	3.12	ng/ul	0.04
70) Anthracene-d10	17.09	188	477295	5.19	ng/ul	0.01
78) Pyrene-d10	19.40	212	519067	5.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	393538	5.08	ng/ul	-0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.42	128	24220136m	337.058	ng/ul	
34) 2-Methylnaphthalene	12.05	142	21871013m	415.681	ng/ul	
40) 1,1'-Biphenyl	13.06	154	2540487	33.227	ng/ul	98
44) Dimethylphthalate	13.69	163	134264	1.809	ng/ul#	84
47) Acenaphthylene	13.96	152	9857097	109.631	ng/ul#	94
49) Acenaphthene	14.30	153	1329012	21.652	ng/ul	98
53) Dibenzofuran	14.63	168	1415666	16.019	ng/ul	89
58) Fluorene	15.29	166	6128802	88.874	ng/ul	97
69) Phenanthrene	17.04	178	19217639m	179.779	ng/ul	
71) Anthracene	17.13	178	5478759	50.313	ng/ul	99
74) Carbazole	17.39	167	454804	4.862	ng/ul#	86
76) Fluoranthene	19.06	202	5220727	44.032	ng/ul	96
79) Pyrene	19.43	202	7350914	62.909	ng/ul#	95
82) Benzo(a)anthracene	21.20	228	2273909m	20.141	ng/ul	
84) Chrysene	21.25	228	2054019	19.603	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	1101298	11.045	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	289574m	3.041	ng/ul	
90) Benzo(a)pyrene	23.32	252	1215472	12.969	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	416337	4.018	ng/ul	96
92) Dibenz(a,h)anthracene	25.60	278	129186	1.469	ng/ul	98
93) Benzo(a,h,i)perylene	26.25	276	428191	4.998	ng/ul	97

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05/12/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005437.D
Acq On : 03 May 2019 04:13
Operator : JU/SJ
Sample : K2603-16 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 06 06:40:57 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

Instrument :
BNA_N
ClientSampleId :
GAJ68

Manual Integrations
APPROVED

Sohil
5/3/2019 4:57:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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