

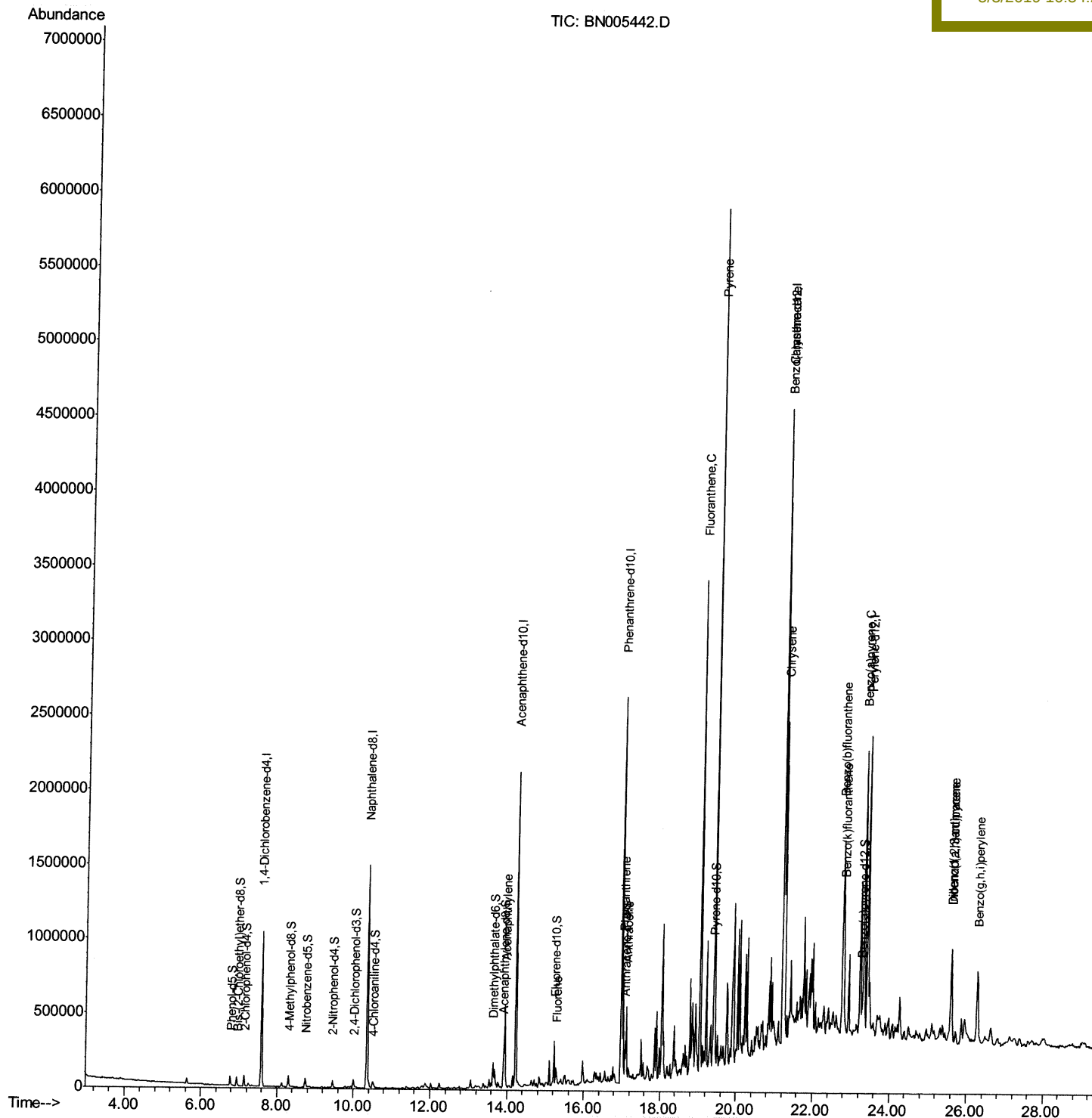
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 03 18:31:58 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 :
GAJ56

Manual Integrations
APPROVED

Sohil
5/3/2019 10:54:26 PM



Quantitation Report (Qedit)

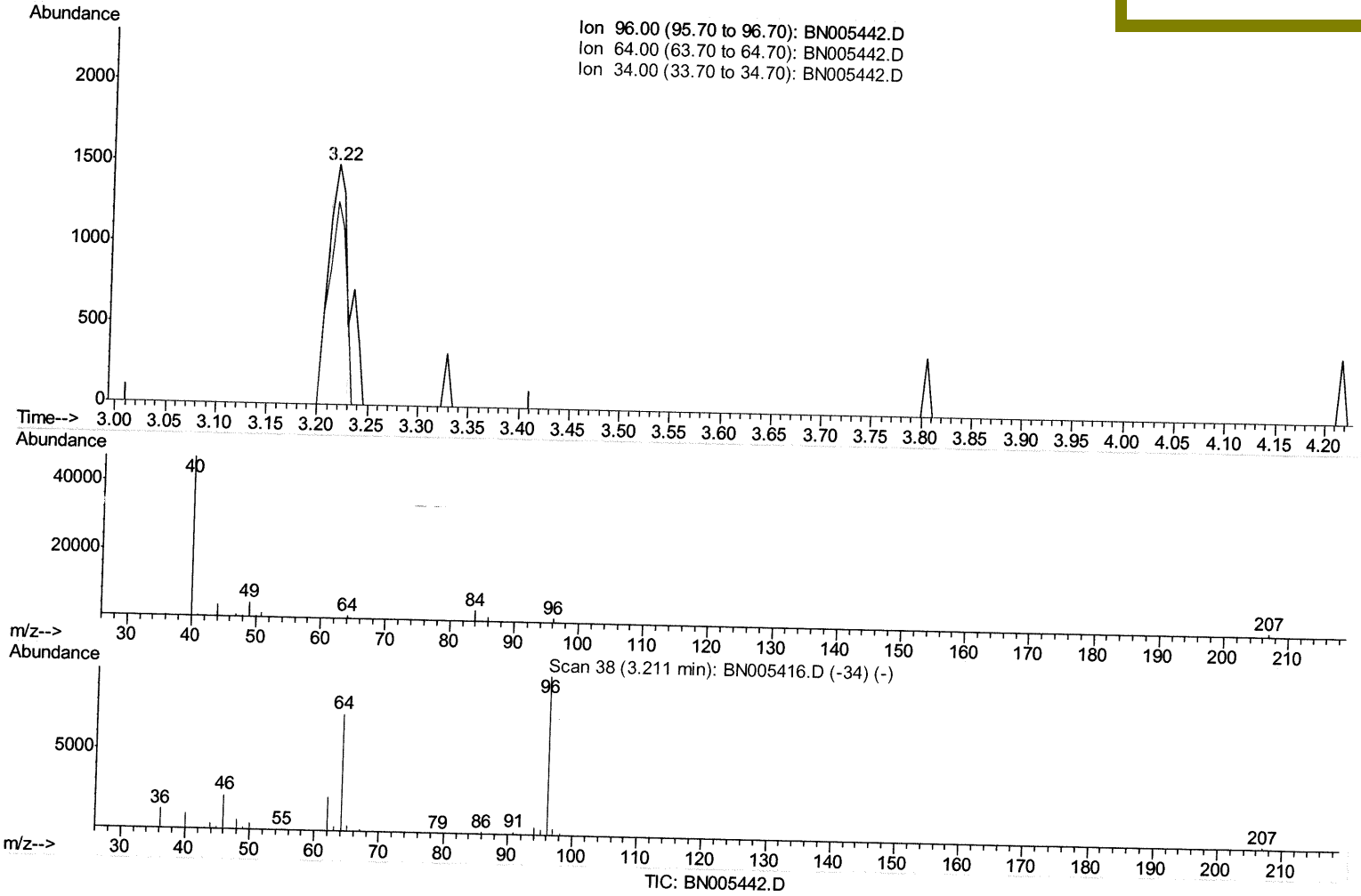
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(3) 1,4-Dioxane-d8 (S)

3.217min (+0.006) 0.30ng/uL

response 1775

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	84.40
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

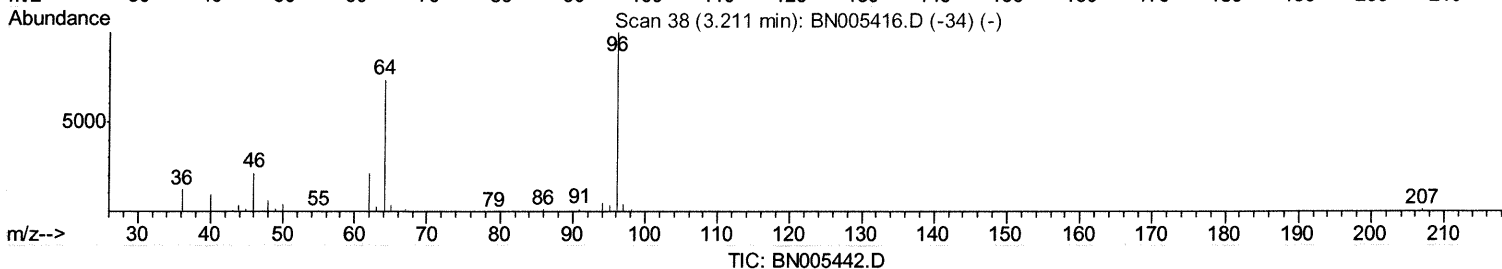
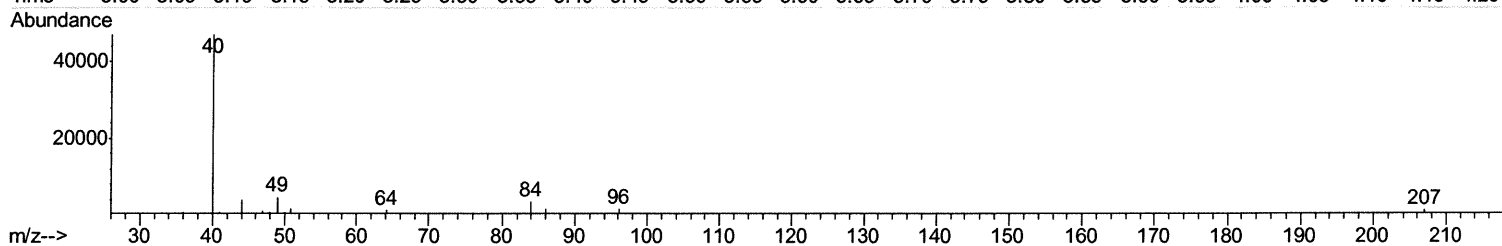
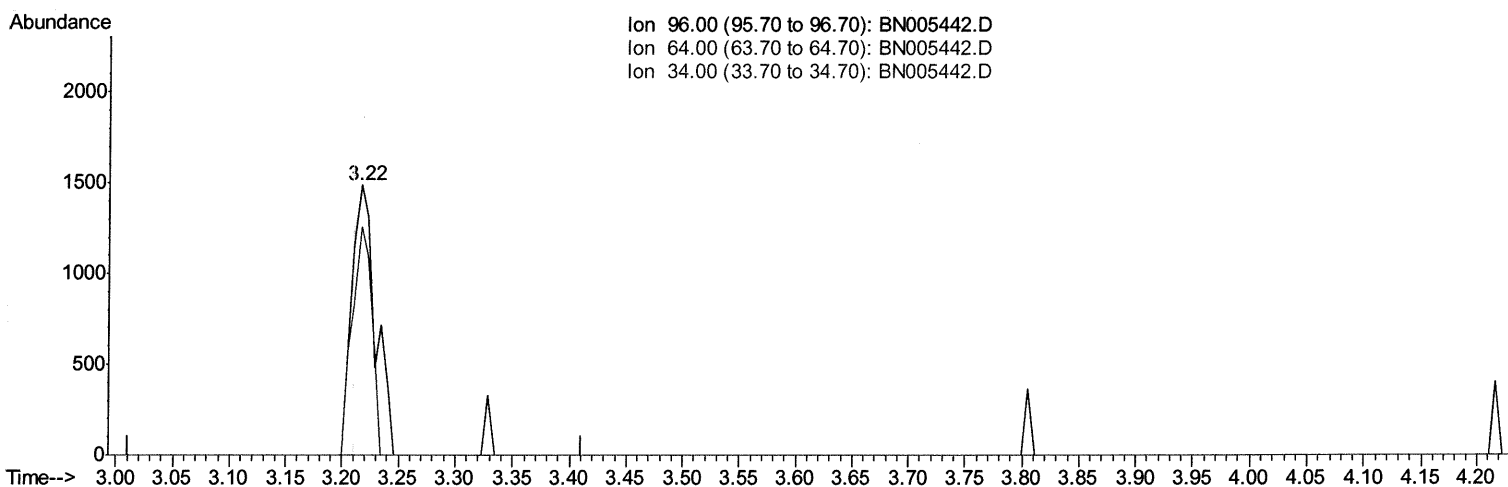
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Manual Integrations
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Sohil
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(3) 1,4-Dioxane-d8 (S)

3.217min (+0.006) 0.36ng/uL m *SJ05/12/19*

response 2157

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	84.40
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

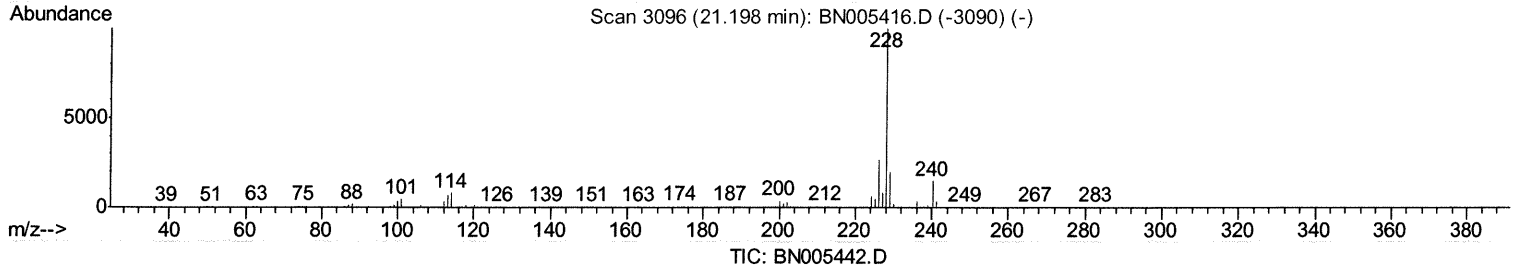
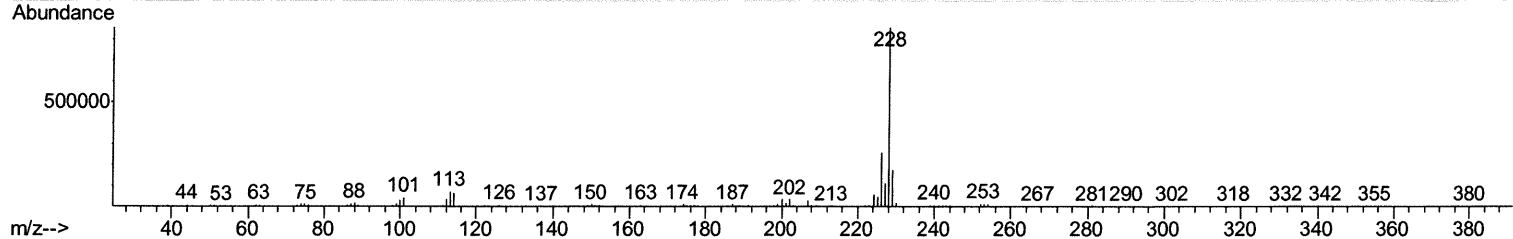
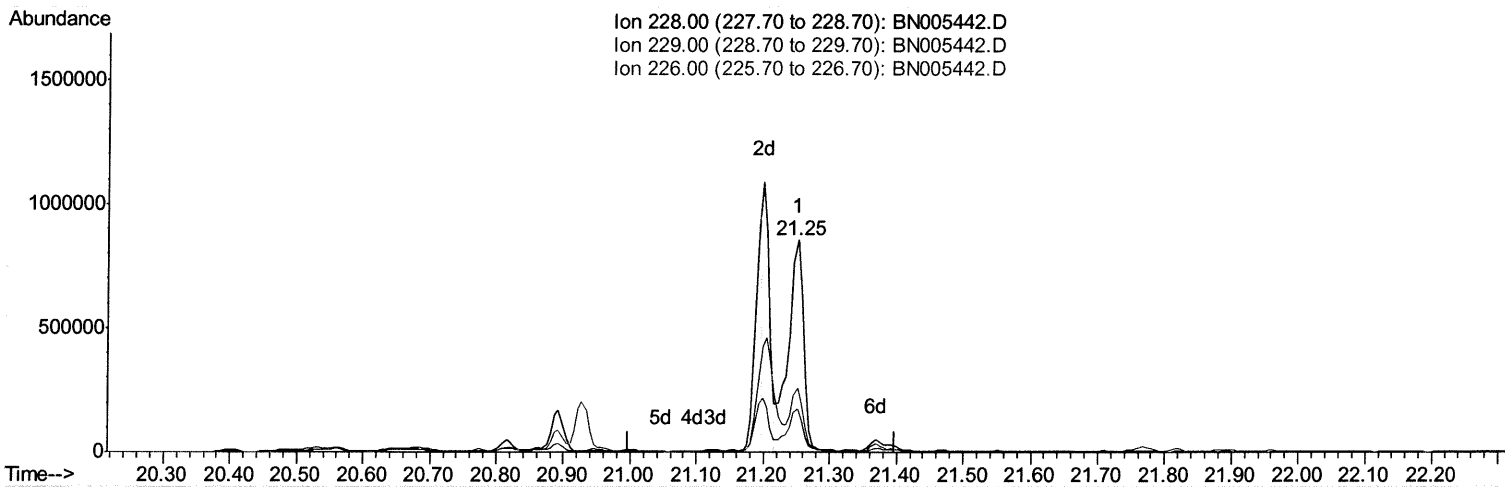
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Manual Integrations
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(82) Benzo(a)anthracene

21.251min (+0.053) 15.63ng/ui

response 1355956

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.28
226.00	26.80	30.32
0.00	0.00	0.00

Quantitation Report (Qedit)

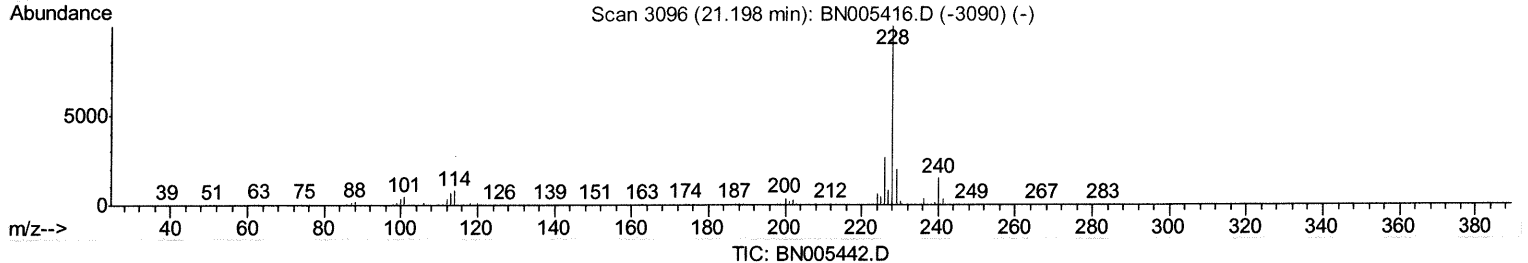
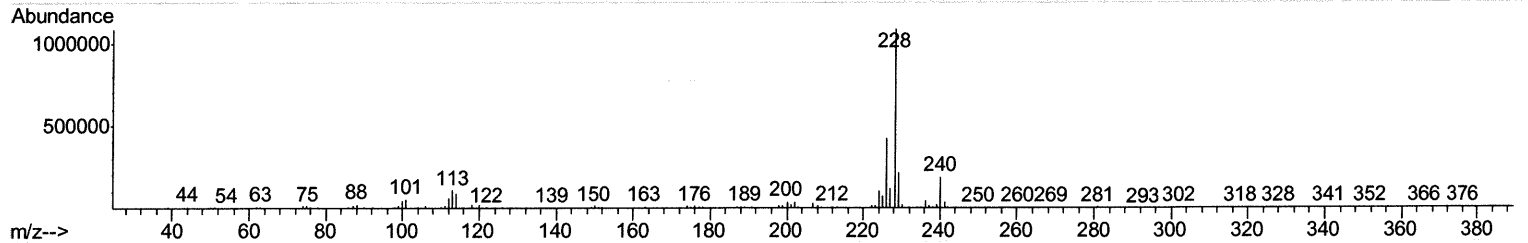
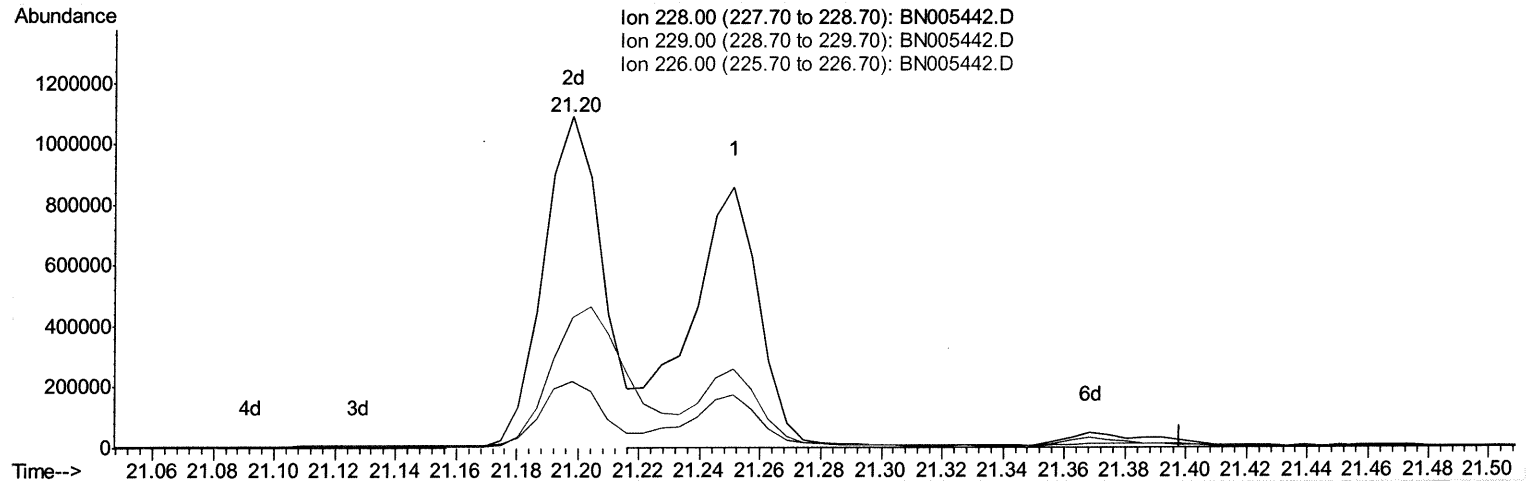
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 Data File : BN005442.D
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 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.198min (-0.000) 16.77ng/ul m SJ 05/12/19

response 1455158

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.03
226.00	26.80	39.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

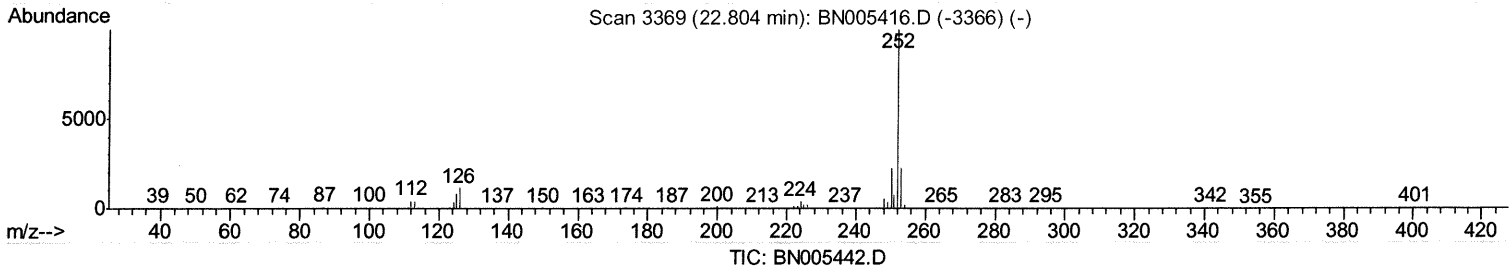
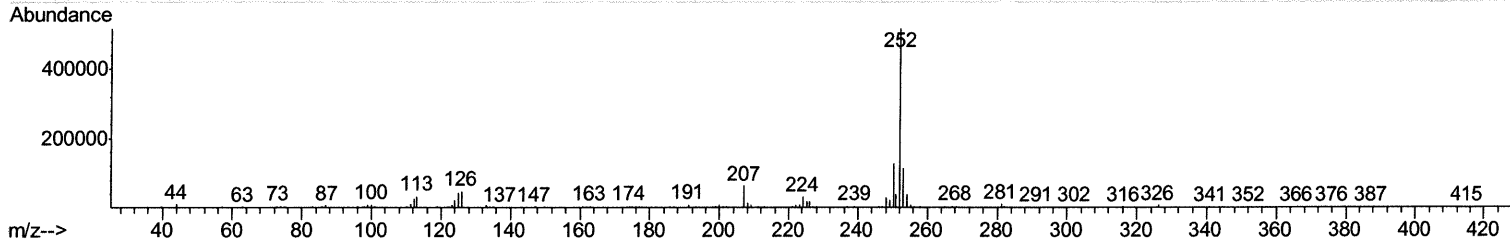
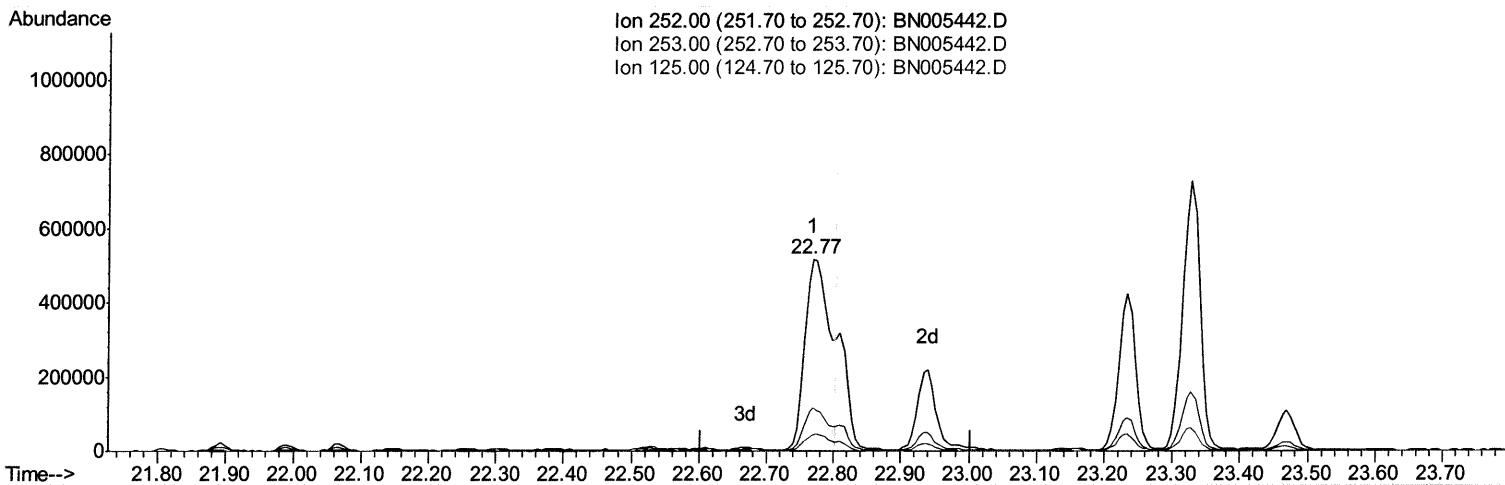
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\
 Data File : BN005442.D
 Acq On : 03 May 2019 07:05
 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 5/3/2019 10:54:26 PM

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 Response via : Initial Calibration



(88) Benzo(k)fluoranthene
 22.769min (-0.035) 15.38ng/ul
 response 1222280

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.22
125.00	9.40	8.41
0.00	0.00	0.00

Quantitation Report (Qedit)

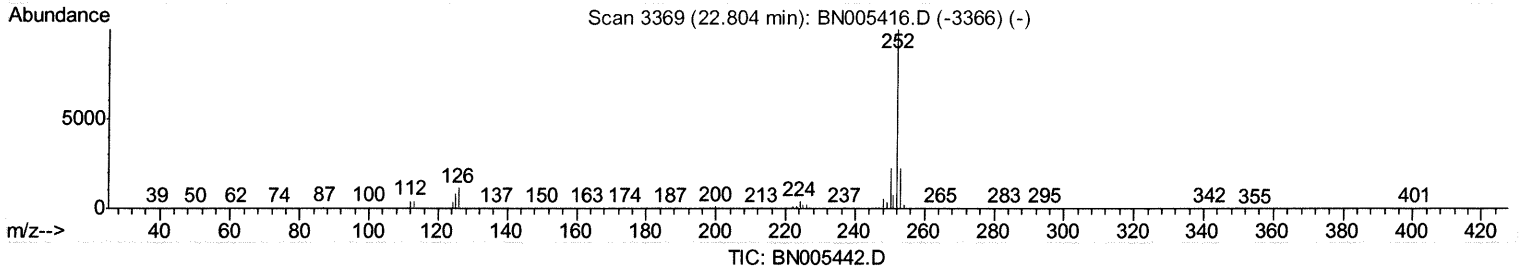
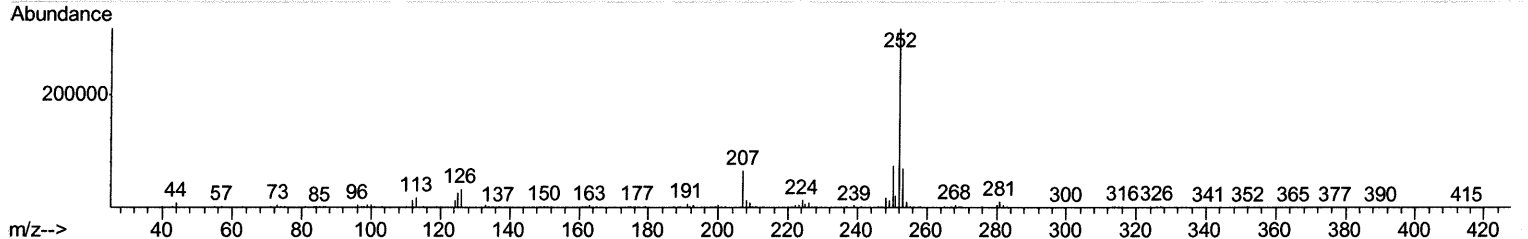
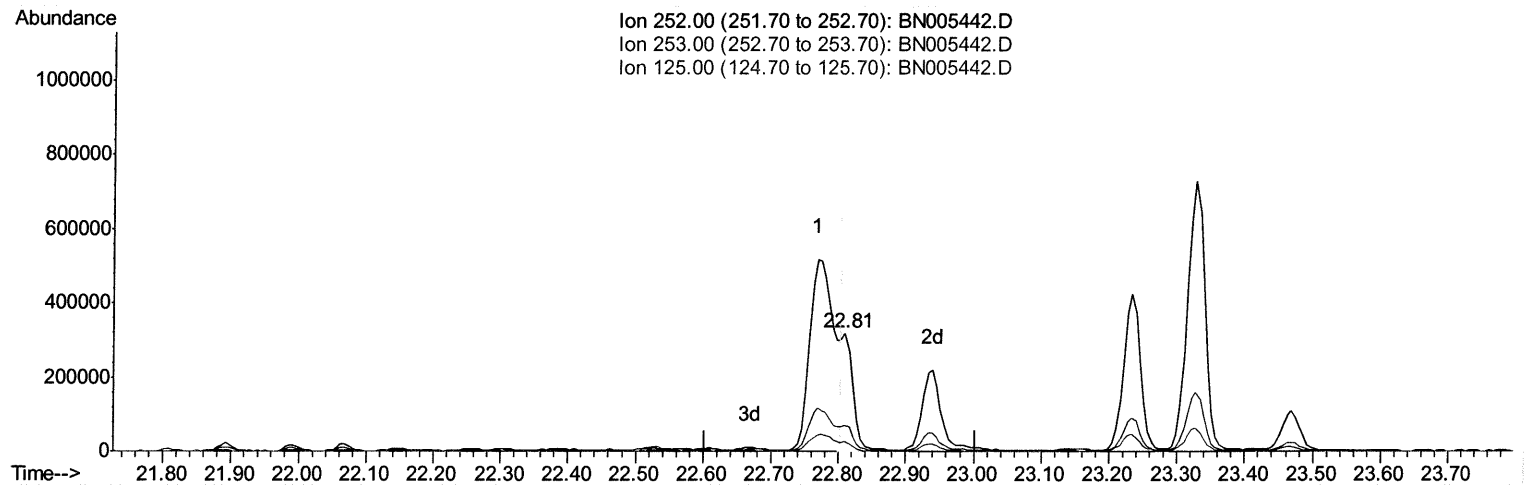
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 Data File : BN005442.D
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 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.810min (+0.006) 5.43ng/ul m *SJ 05/12/19*

response 431275

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.10
125.00	9.40	8.05
0.00	0.00	0.00

Quantitation Report (Qedit)

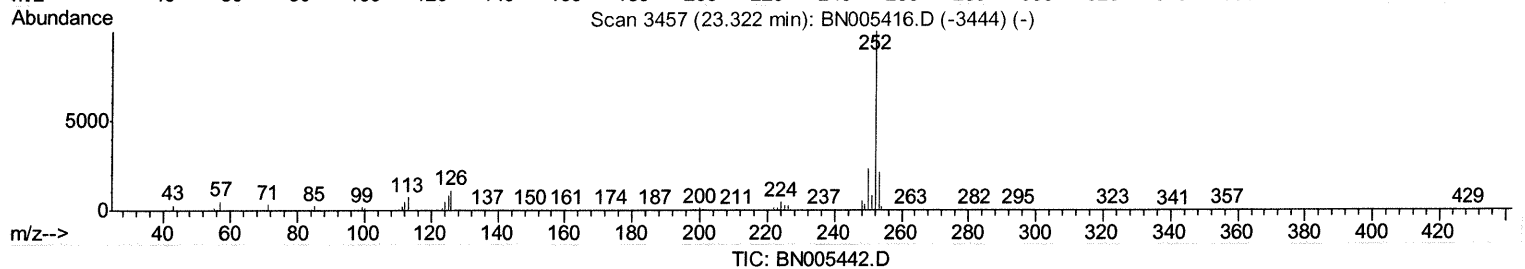
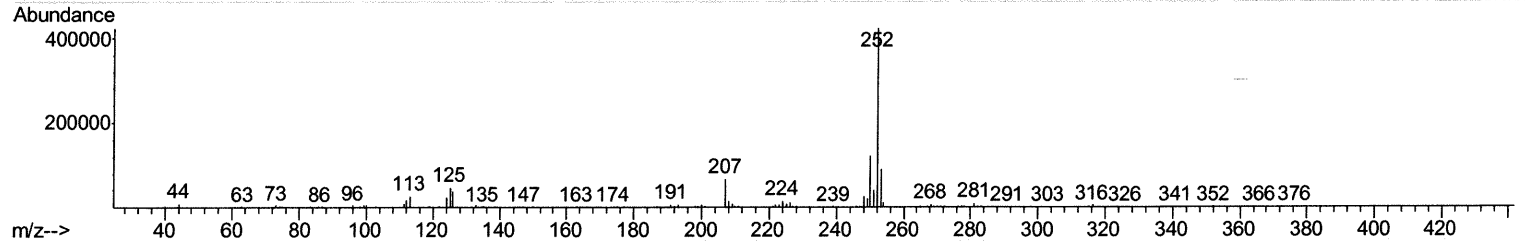
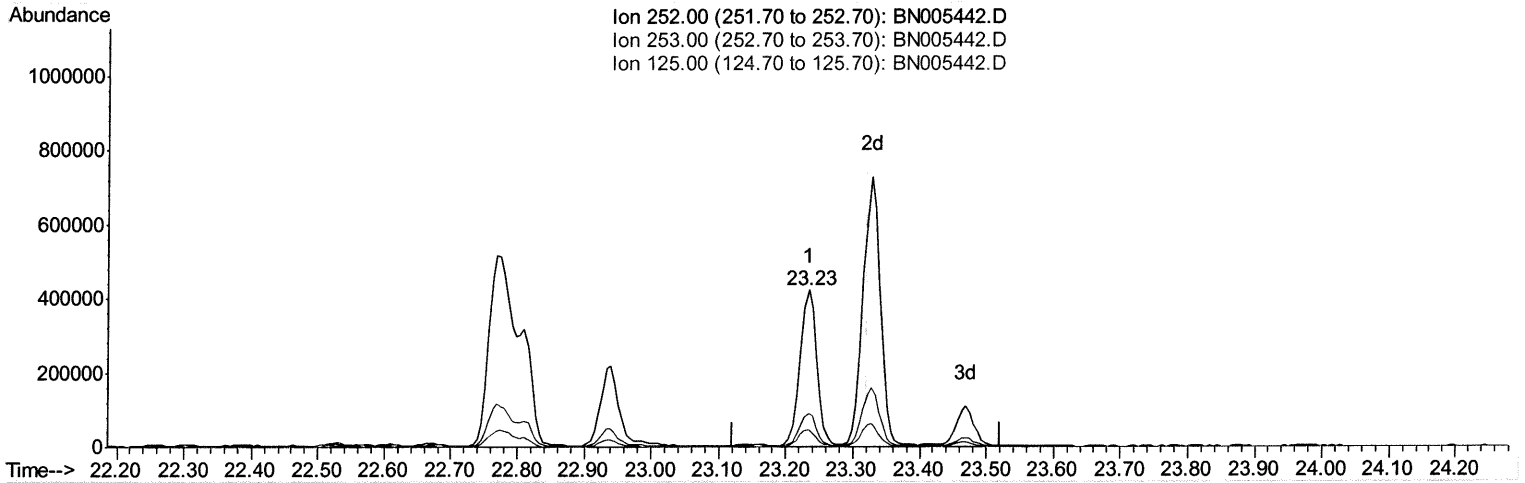
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 Operator : JU/SJ
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

Sohil
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(90) Benzo(a)pyrene (C)

23.233min (-0.088) 9.25ng/ul

response 723446

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.09
125.00	10.80	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

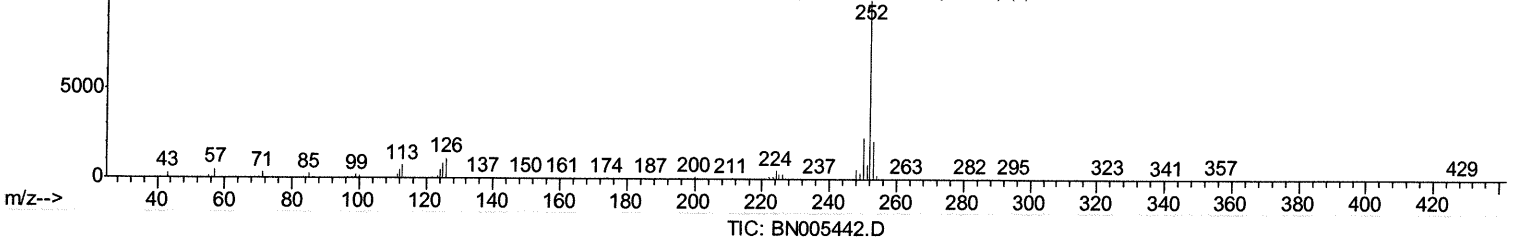
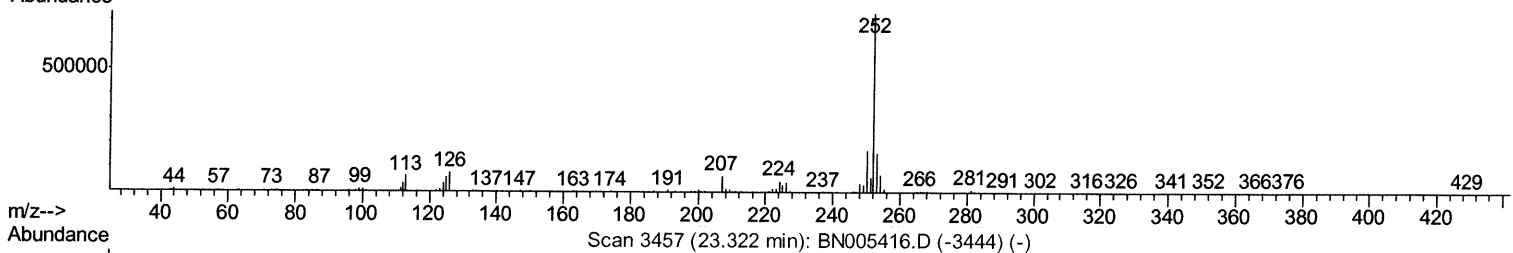
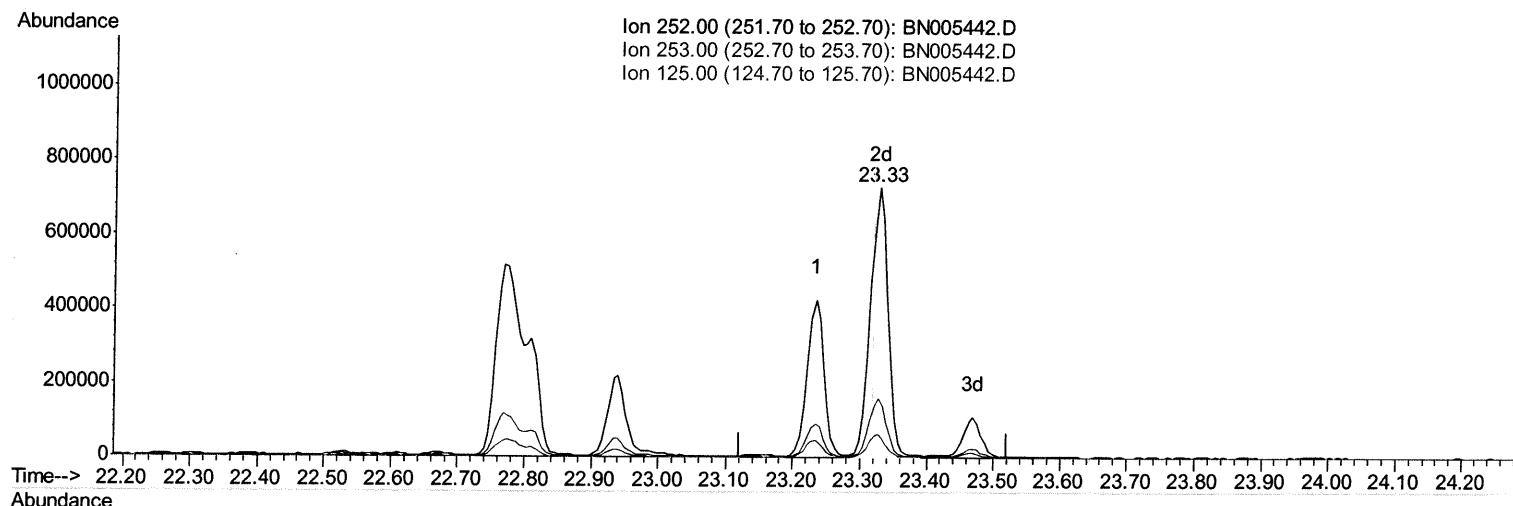
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 Data File : BN005442.D
 Acq On : 03 May 2019 07:05
 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.327min (+0.006) 16.99ng/ul m SJ 05/12/19

response 1328855

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.81
125.00	10.80	8.62#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 27 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	7.59	152	290306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1242797	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	736361	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1580038	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1394826	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1480108	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2157m)	0.36	ng/ul	0.00
5) Phenol-d5	6.78	99	40310	1.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	26534	1.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	34731	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	33300	1.87	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	17586	2.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	17696	2.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	30320	1.71	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	32316	1.76	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	122000	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	145849	2.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	3932	0.47	ng/ul	0.03
57) Fluorene-d10	15.22	176	107277	2.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	5770	0.81	ng/ul	0.00
70) Anthracene-d10	17.07	188	159066	2.40	ng/ul	0.00
78) Pyrene-d10	19.39	212	168621	2.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	149489	2.31	ng/ul	0.00

Target Compounds

					Ovalue
47) Acenaphthylene	13.94	152	416002	6.448	ng/ul 98
58) Fluorene	15.28	166	68122	1.377	ng/ul# 95
69) Phenanthrene	17.02	178	431383	5.606	ng/ul 99
71) Anthracene	17.11	178	327363	4.176	ng/ul 98
76) Fluoranthene	19.05	202	1938848	22.716	ng/ul 97
79) Pyrene	19.42	202	3539354	39.410	ng/ul 95
82) Benzo(a)anthracene	21.20	228	1455158m)	16.770	ng/ul) > SJ 05/12/19
84) Chrysene	21.25	228	1355956	16.837	ng/ul 99
87) Benzo(b)fluoranthene	22.77	252	1222280	14.691	ng/ul 98
88) Benzo(k)fluoranthene	22.81	252	431275m)	5.427	ng/ul) > SJ 05/12/19
90) Benzo(a)pyrene	23.33	252	1328855m)	16.992	ng/ul) > SJ 05/12/19
91) Indeno(1,2,3-cd)pyrene	25.60	276	591852	6.845	ng/ul# 95
92) Dibenzo(a,h)anthracene	25.61	278	172957	2.357	ng/ul 98
93) Benzo(g,h,i)perylene	26.26	276	576241	8.060	ng/ul# 93

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