

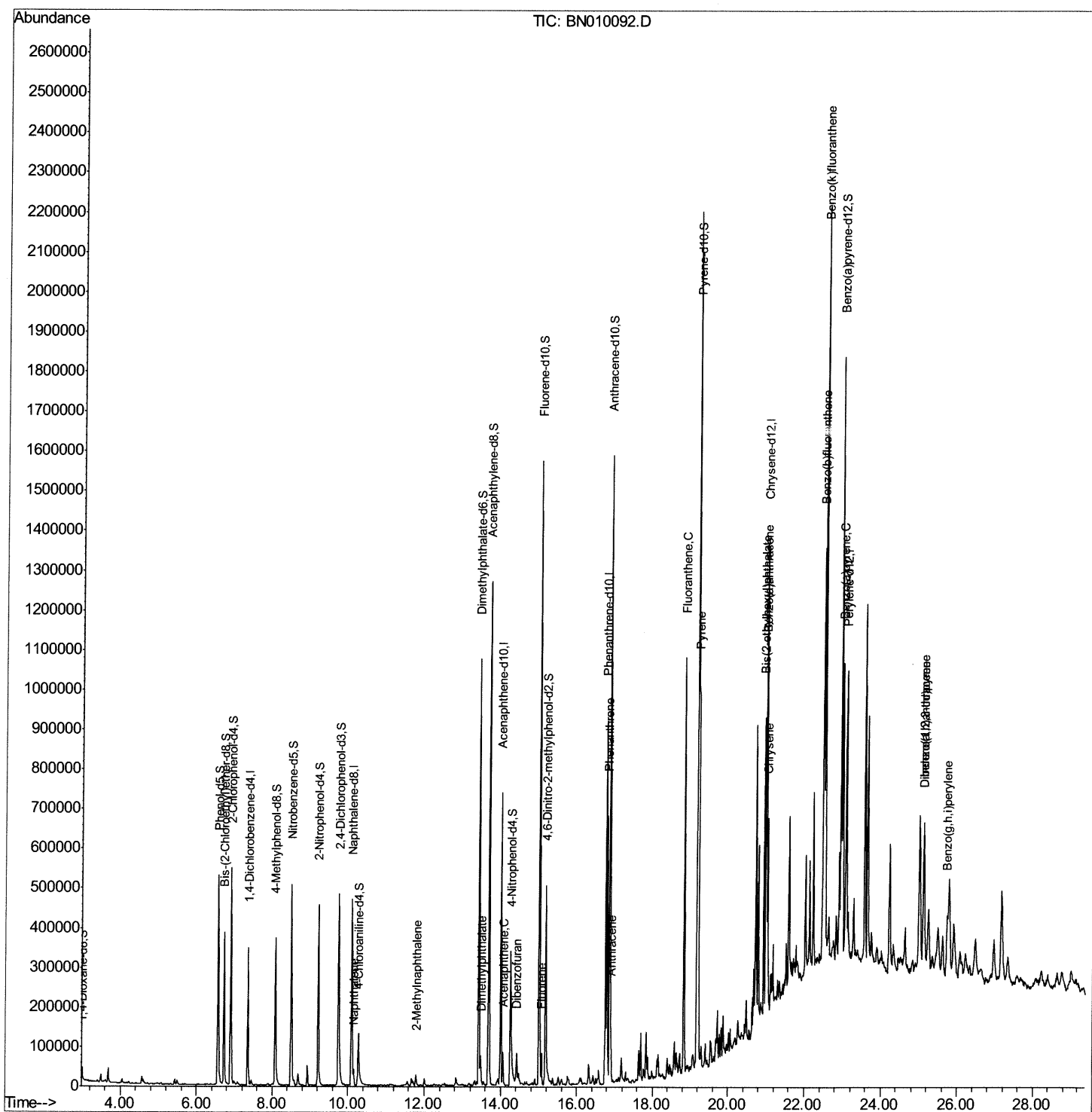
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010092.D
Acq On : 04 Mar 2020 23:26
Operator : CG/JU
Sample : L1641-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
CB6Z6

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:25 PM

Quant Time: Mar 05 04:20:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 03:58:38 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

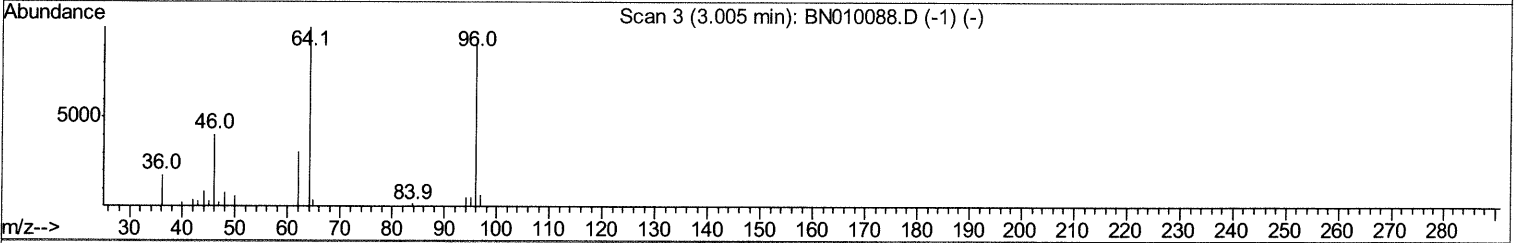
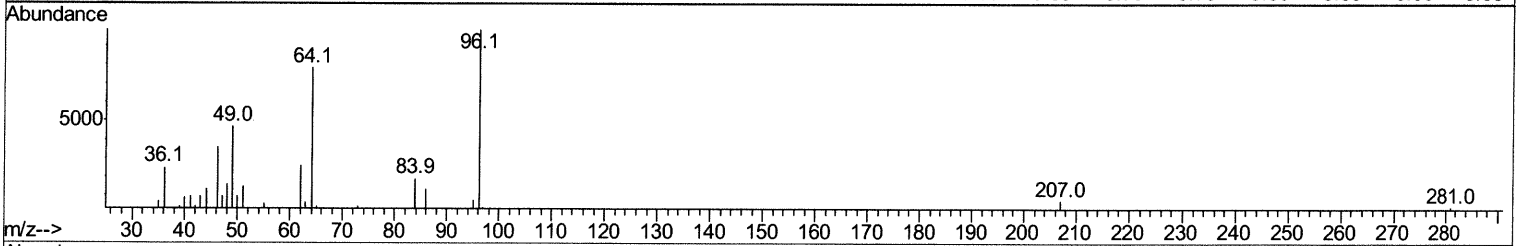
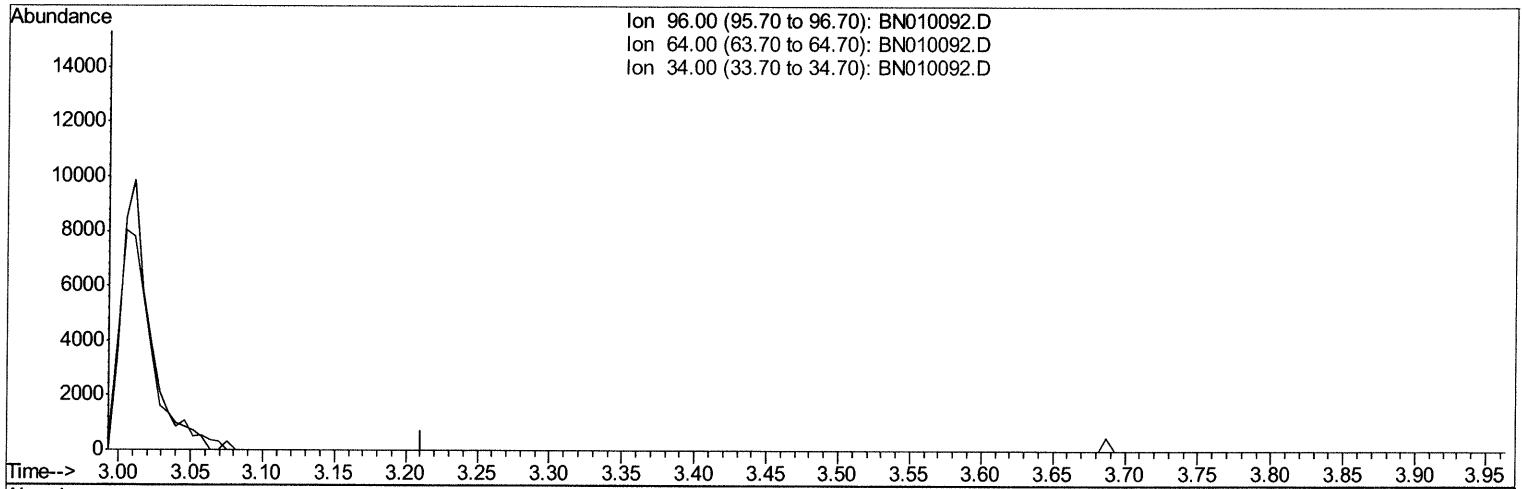
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TIC: BN010092.D

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

3.011min (-3.011) 0.00ng/uL

response 0

Ion	Exp%	Act%
96.00	100	0.00
64.00	93.60	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

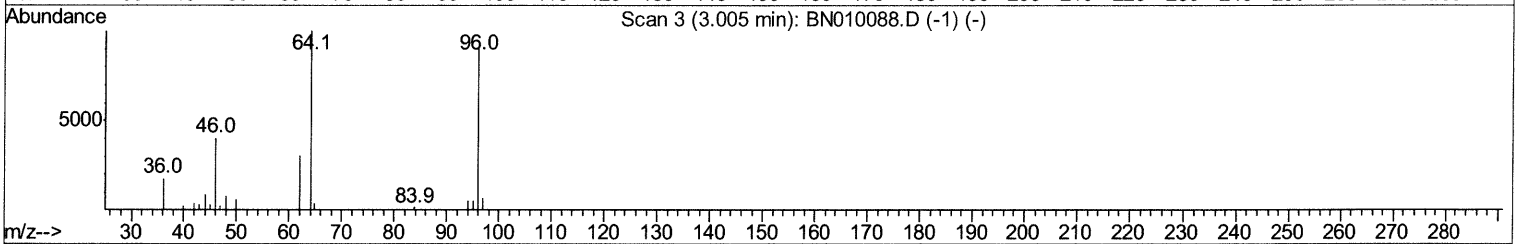
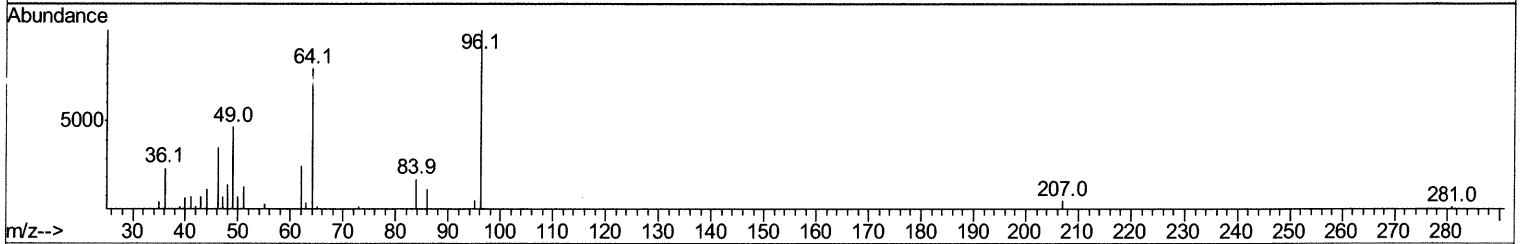
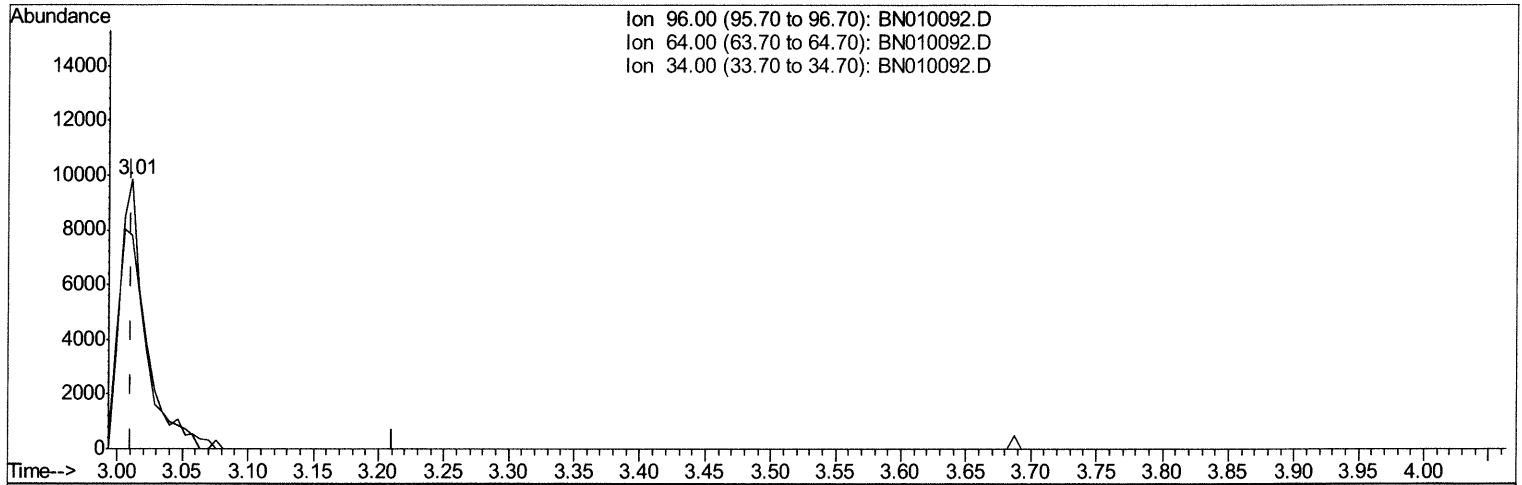
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
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TIC: BN010092.D

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

3.011min (+0.000) 6.77ng/uL m *Ju03/05/20*

response 13400

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	79.13
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

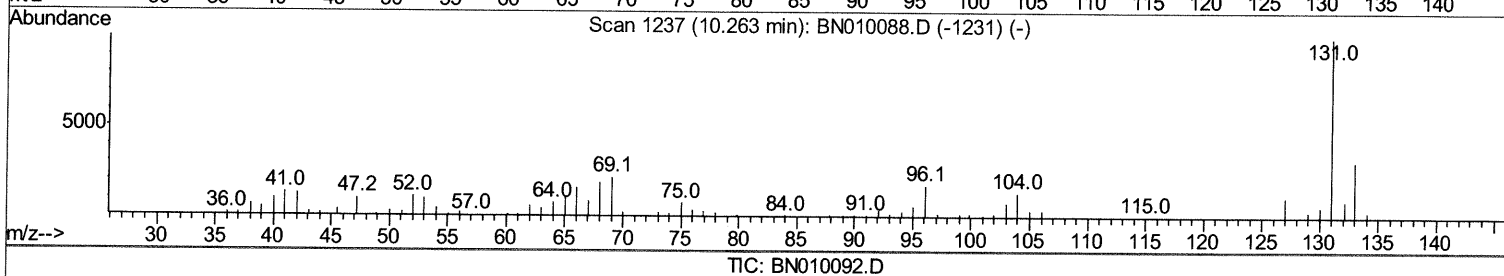
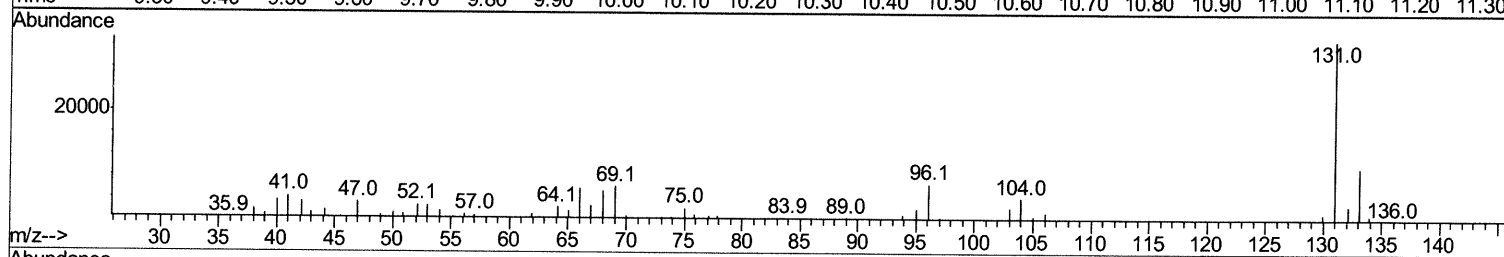
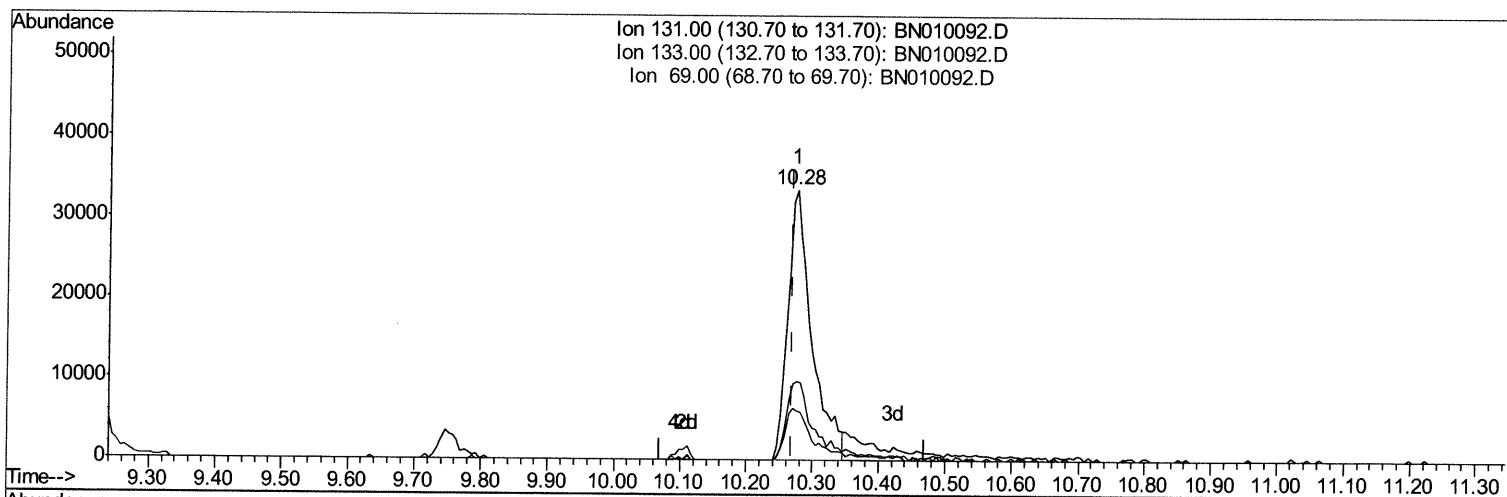
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Data File : BN010092.D
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Instrument :
BNA_N
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Manual Integrations
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TIC: BN010092.D

(29) 4-Chloroaniline-d4 (S)

10.275min (+0.006) 14.02ng/ul

response 84750

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	29.24
69.00	22.10	18.31
0.00	0.00	0.00

Quantitation Report (Qedit)

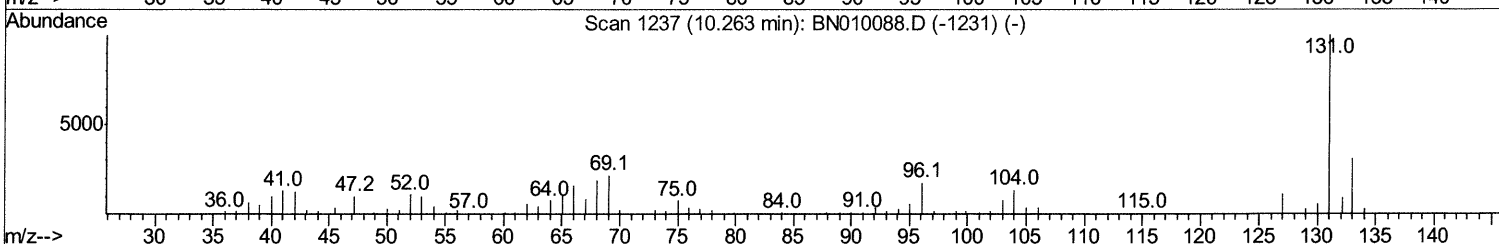
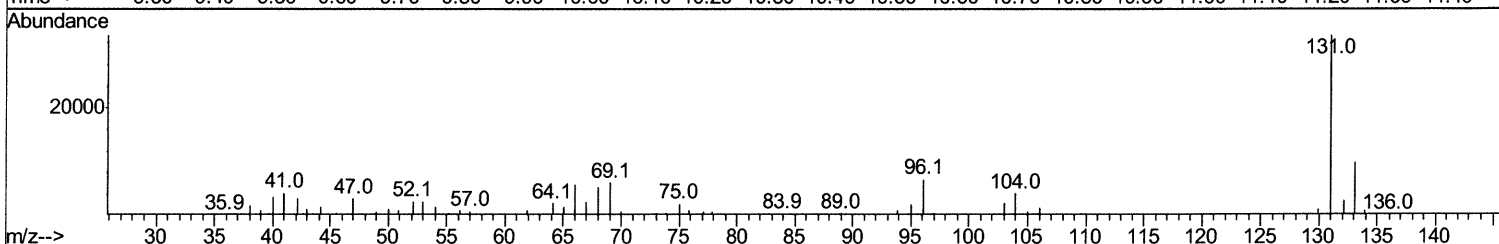
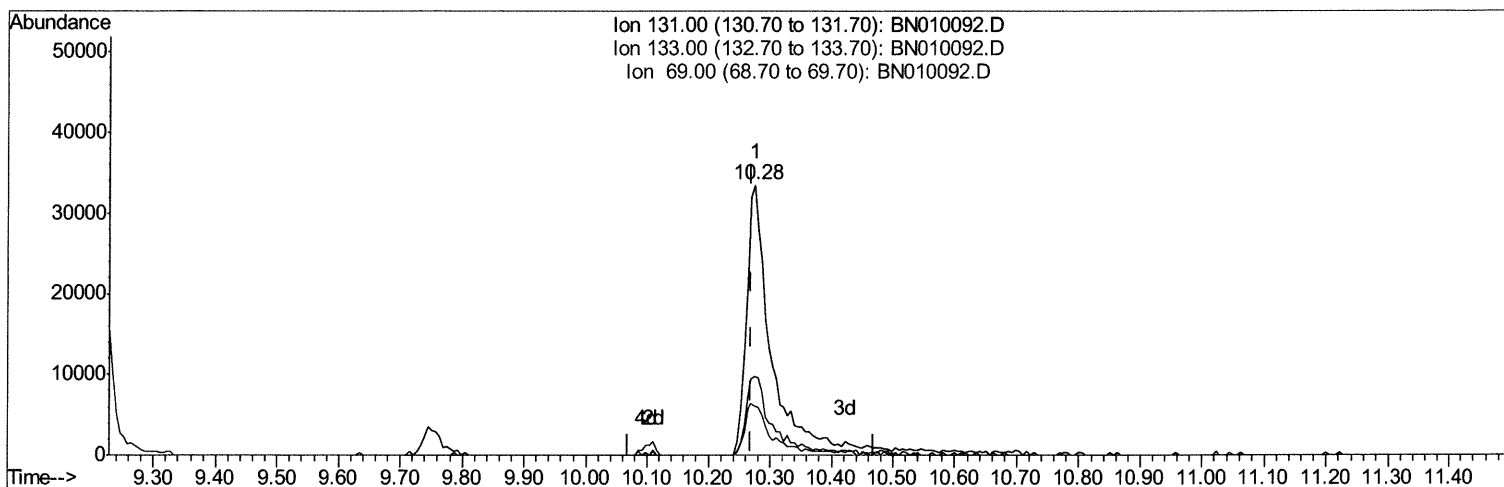
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010092.D
 Acq On : 04 Mar 2020 23:26
 Operator : CG/JU
 Sample : L1641-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z6

Manual Integrations
 APPROVED

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN010092.D

(29) 4-Chloroaniline-d4 (S)

10.275min (+0.006) 16.30ng/ul m JU03/05/20

response 98556

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	29.24
69.00	22.10	18.31
0.00	0.00	0.00

Quantitation Report (Qedit)

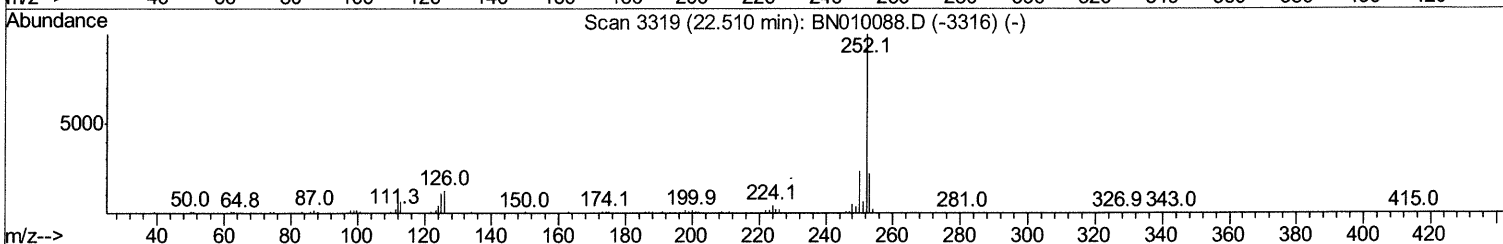
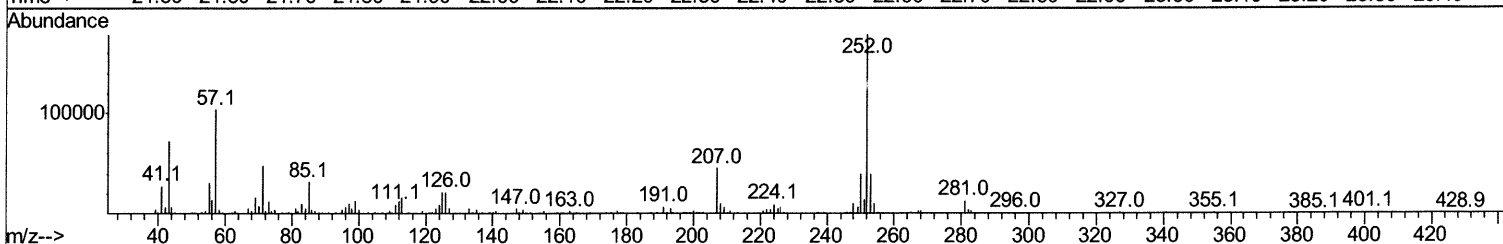
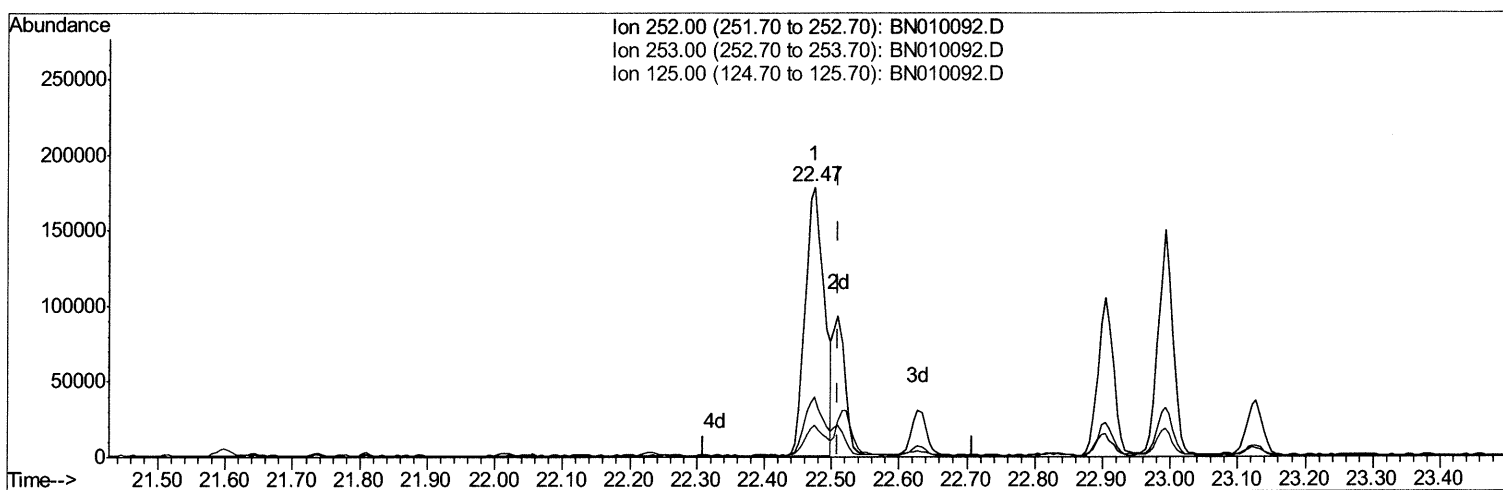
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010092.D
Acq On : 04 Mar 2020 23:26
Operator : CG/JU
Sample : L1641-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z6

Manual Integrations
APPROVED

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3/5/2020 3:56:25 PM

Quant Time: Mar 05 04:18:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 03:58:38 2020
Response via : Initial Calibration



TIC: BN010092.D

(89) Benzo(k)fluoranthene

22.474min (-0.035) 12.92ng/ul

response 354923

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.08
125.00	10.20	11.90
0.00	0.00	0.00

Quantitation Report (Qedit)

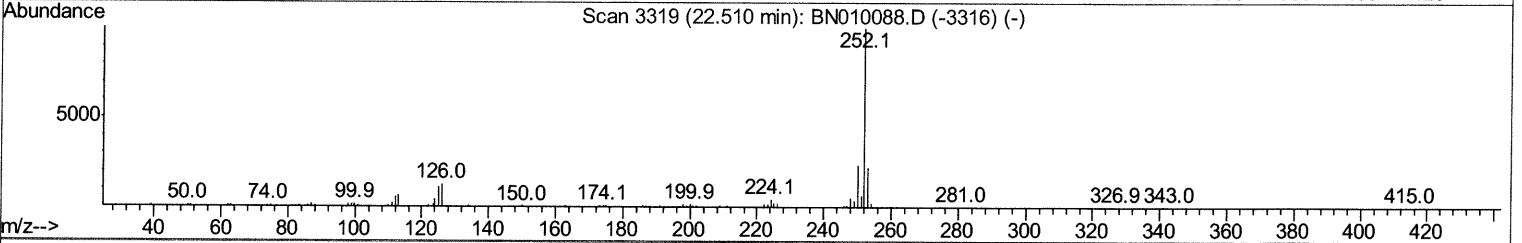
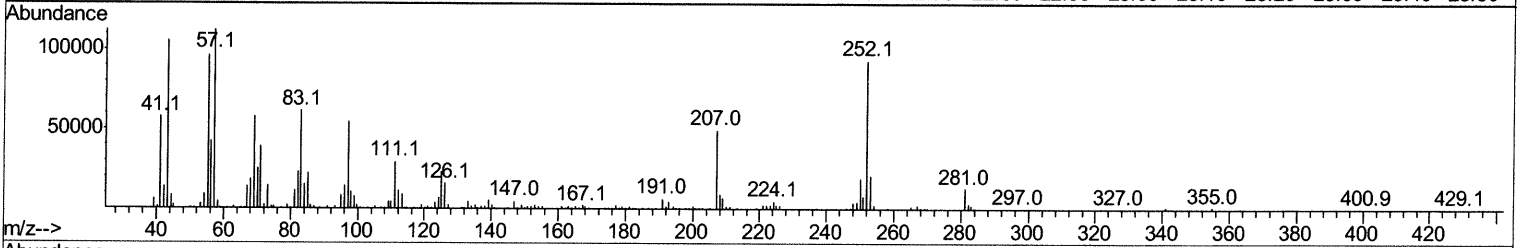
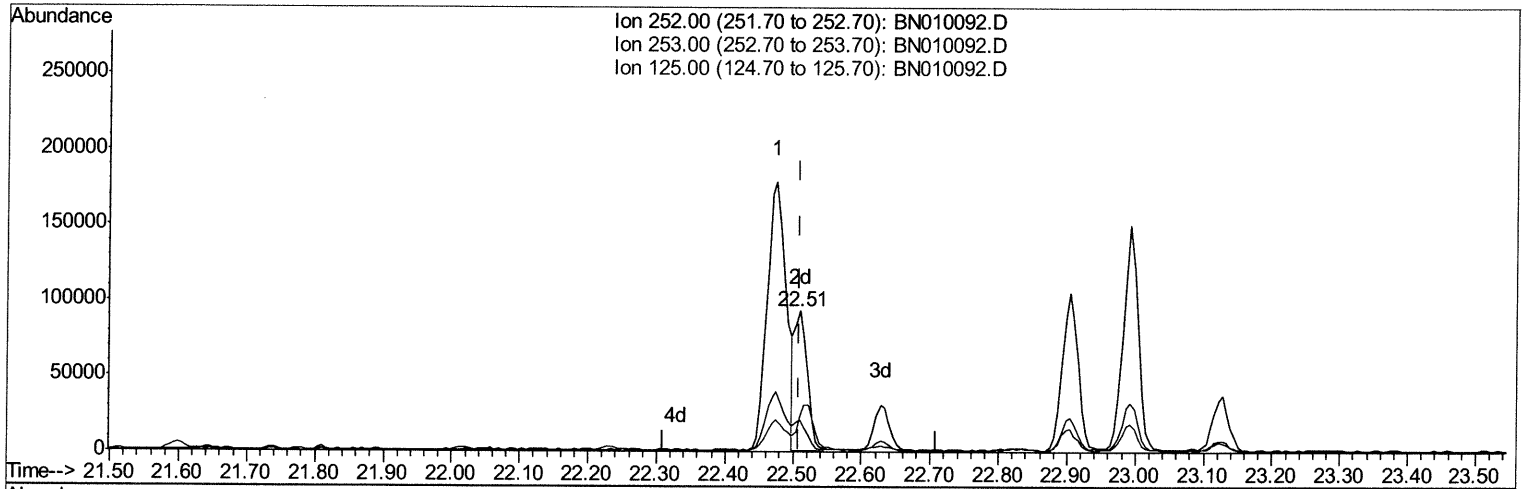
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010092.D
 Acq On : 04 Mar 2020 23:26
 Operator : CG/JU
 Sample : L1641-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z6

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:25 PM

Quant Time: Mar 05 04:18:49 2020
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 QLast Update : Thu Mar 05 03:58:38 2020
 Response via : Initial Calibration



TIC: BN010092.D

(89) Benzo(k)fluoranthene

22.510min (+0.000) 4.19ng/ul m *JU03/05/20*

response 115247

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.28
125.00	10.20	25.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
 Data File : BN010092.D
 Acq On : 04 Mar 2020 23:26
 Operator : CG/JU
 Sample : L1641-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 CB6Z6

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:25 PM

Quant Time: Mar 05 04:20:55 2020
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 03:58:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	81440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	349756	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	227266	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	476526	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	420624	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	447516	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	13400m	> 6.77	ng/uL	> 0.00	JU 03/05/20
5) Phenol-d5	6.56	99	259240	37.42	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.72	67	185231	38.75	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.90	132	203734	39.07	ng/ul	0.00	
13) 4-Methylphenol-d8	8.08	113	132514	24.05	ng/ul	0.00	
19) Nitrobenzene-d5	8.50	128	104365	40.79	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.21	143	119433	42.66	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.75	165	194282	36.10	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.28	131	98556m	> 16.30	ng/ul	> 0.00	JU 03/05/20
44) Dimethylphthalate-d6	13.43	166	659851	38.87	ng/ul	0.00	
47) Acenaphthylene-d8	13.69	160	797671	39.90	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.26	143	91459	29.50	ng/ul	0.00	
58) Fluorene-d10	15.01	176	597856	40.79	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.17	200	95953	32.41	ng/ul	0.00	
71) Anthracene-d10	16.86	188	806040	36.90	ng/ul	0.00	
79) Pyrene-d10	19.17	212	979604	44.56	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.95	264	928656	41.55	ng/ul	0.00	

Target Compounds

						Ovalue
28) Naphthalene	10.15	128	27488	1.457	ng/ul#	96
34) 2-Methylnaphthalene	11.79	142	15167	1.158	ng/ul	99
45) Dimethylphthalate	13.48	163	41401	2.337	ng/ul	97
50) Acenaphthene	14.06	153	30929	2.085	ng/ul	92
54) Dibenzofuran	14.42	168	31893	1.532	ng/ul	95
59) Fluorene	15.06	166	30383	1.739	ng/ul	99
70) Phenanthrene	16.80	178	373602	13.738	ng/ul	98
72) Anthracene	16.90	178	67692	2.435	ng/ul	96
77) Fluoranthene	18.84	202	603988	18.960	ng/ul	96
80) Pyrene	19.20	202	529933	17.475	ng/ul	96
83) Benzo(a)anthracene	20.97	228	280644	9.709	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	191023	10.037	ng/ul	99
85) Chrysene	21.02	228	255510	8.979	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	354923	12.232	ng/ul	97
89) Benzo(k)fluoranthene	22.51	252	115247m	> 4.195	ng/ul	> JU 03/05/20
91) Benzo(a)pyrene	22.99	252	228063	8.739	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	162397	5.241	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.11	278	41682	1.573	ng/ul#	84
94) Benzo(g,h,i)perylene	25.73	276	137361	5.287	ng/ul	97

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