

Quantitation Report (QT Reviewed)

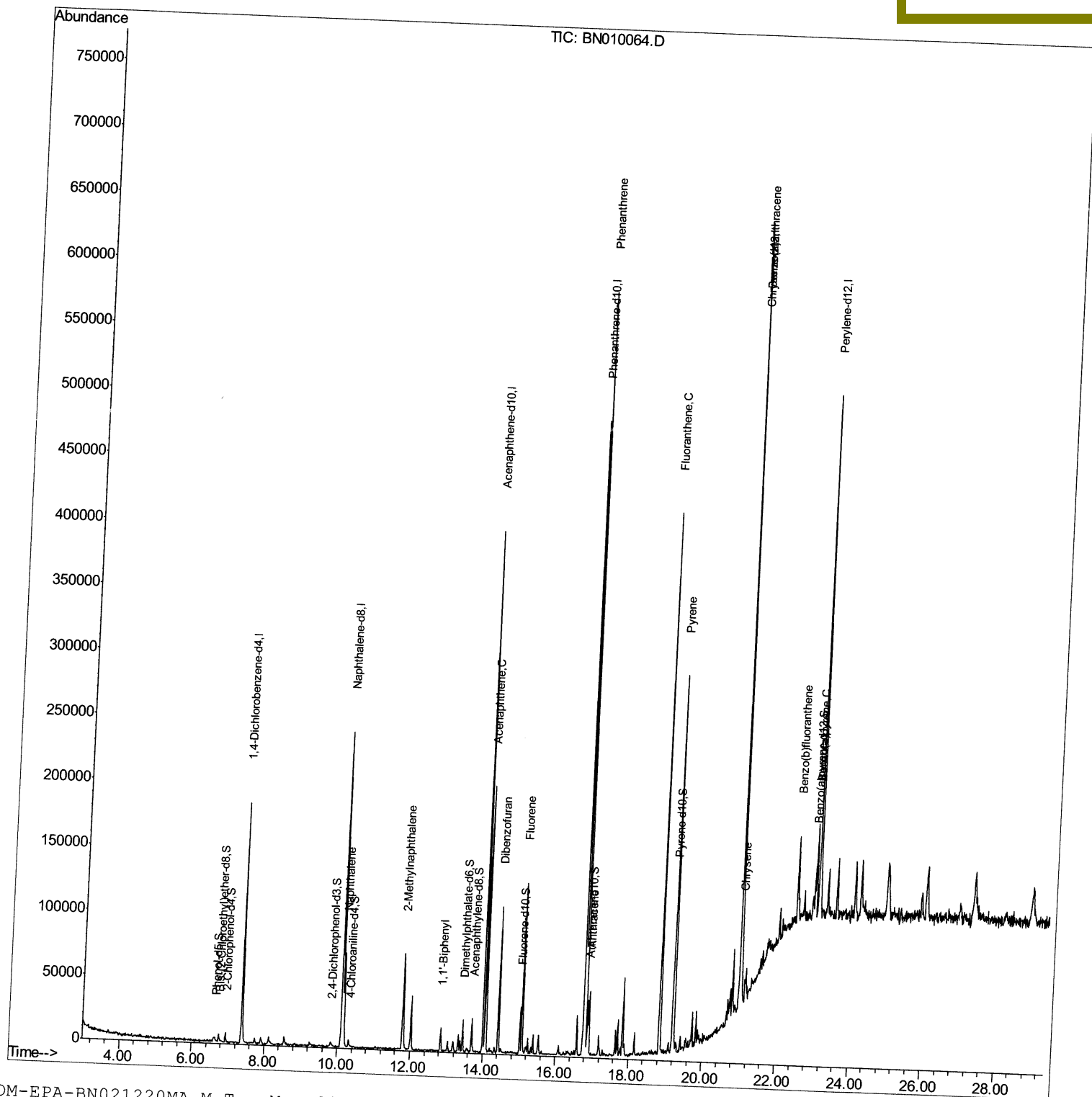
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:17:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



Quantitation Report (Qedit)

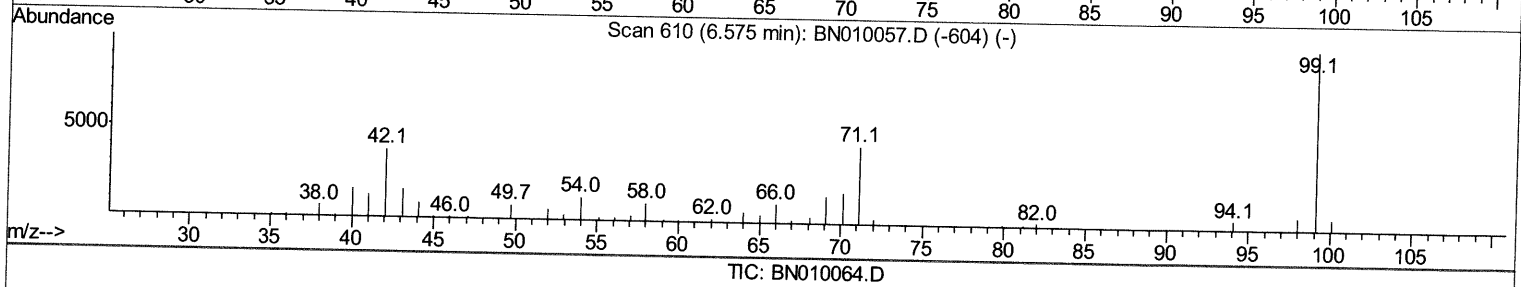
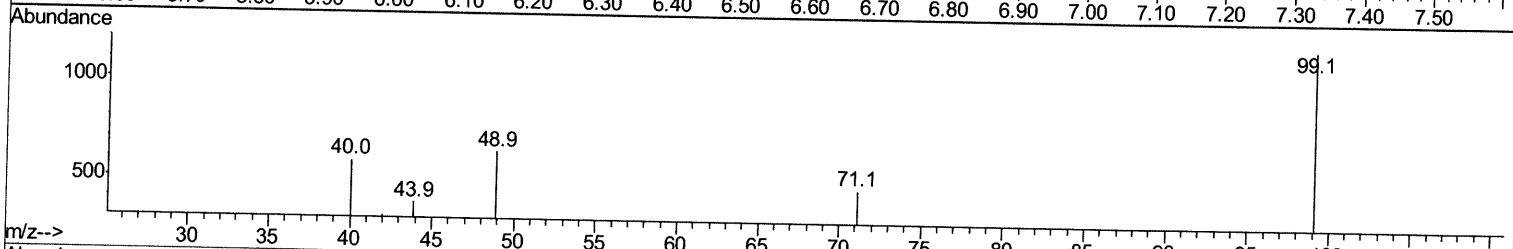
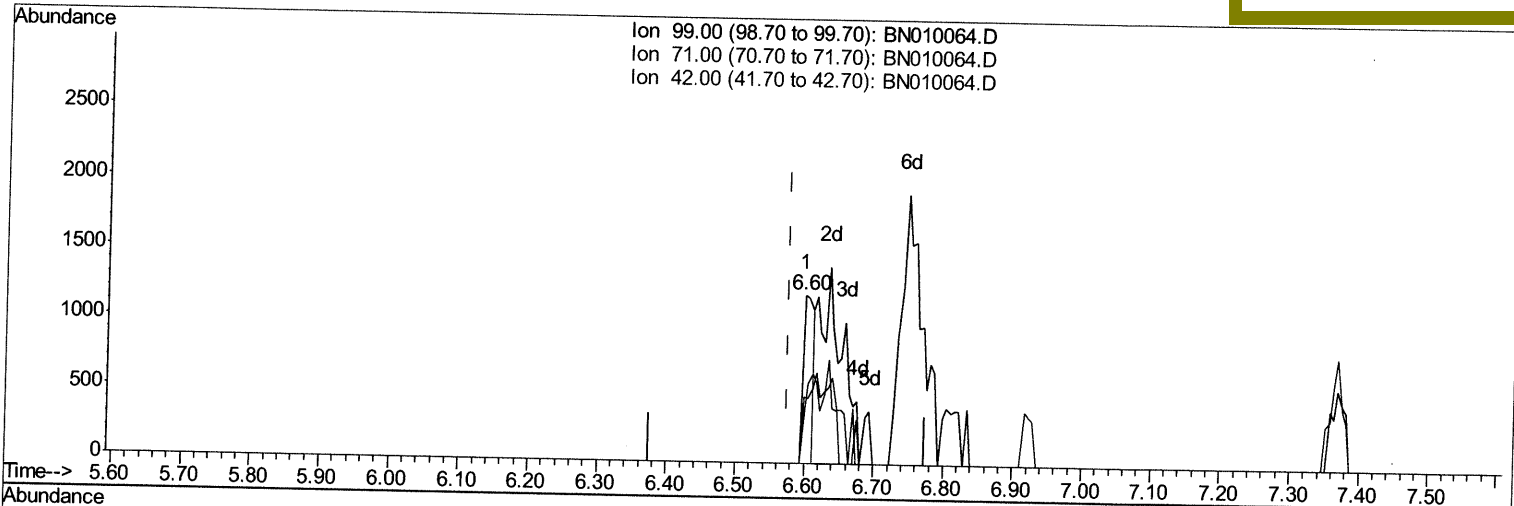
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



(5) Phenol-d5 (S)

6.599min (+0.024) 0.32ng/ul

response 1227

Ion	Exp%	Act%
99.00	100	100
71.00	38.10	39.10
42.00	28.80	26.12
0.00	0.00	0.00

Quantitation Report (Qedit)

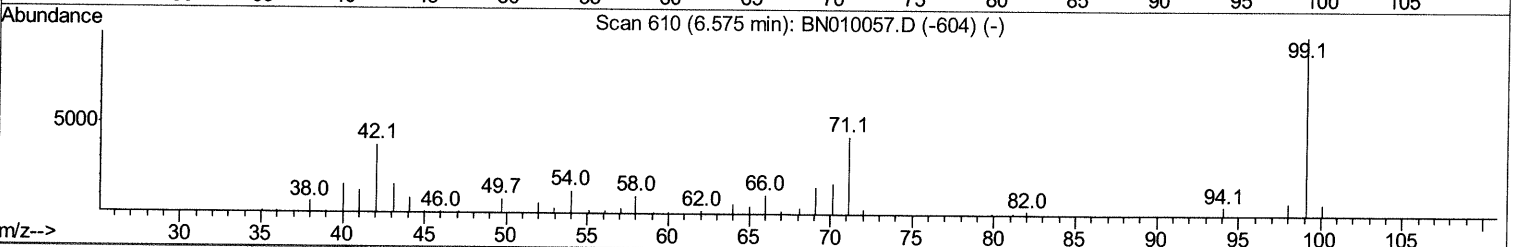
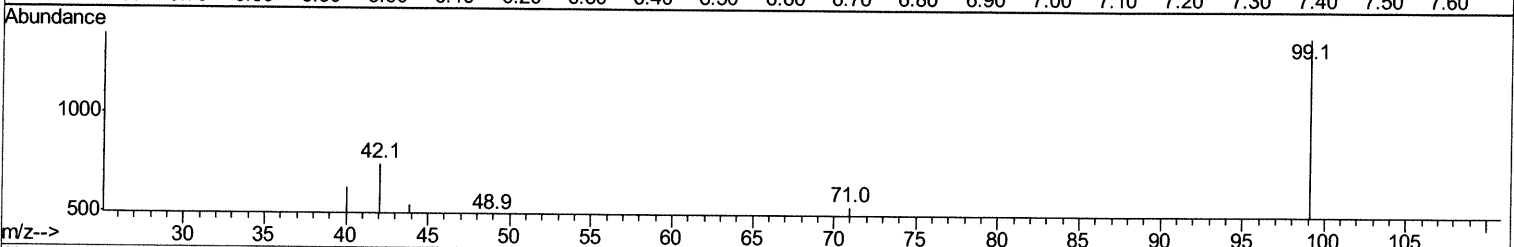
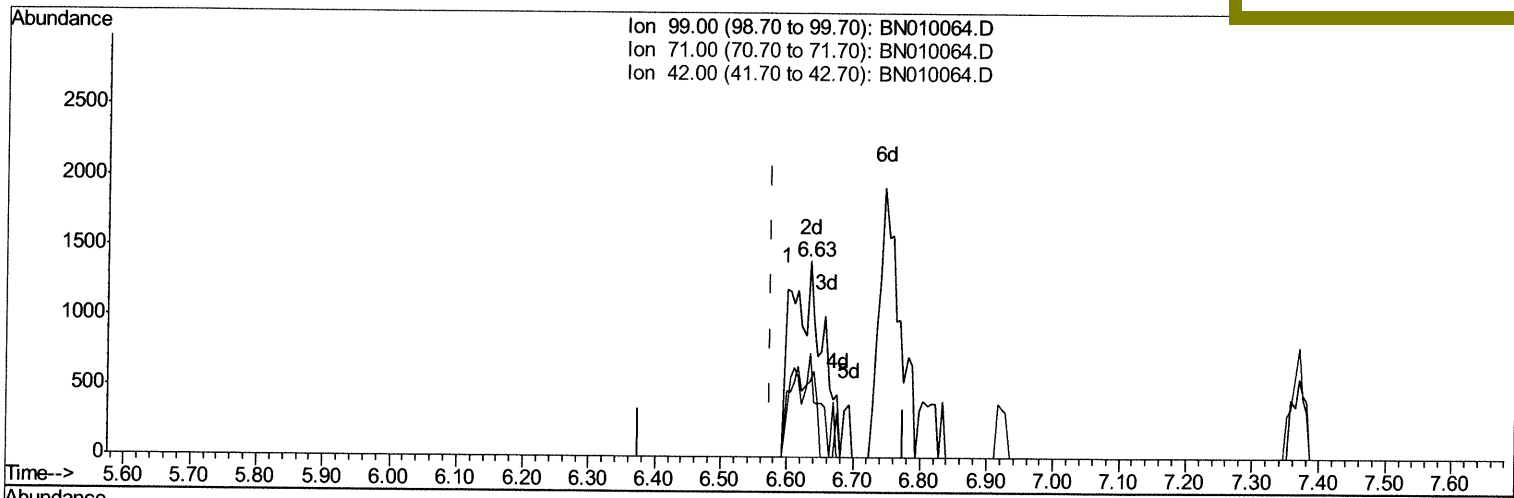
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(5) Phenol-d5 (S)

6.634min (+0.059) 1.17ng/ul m *Ju 03/03/20*

response 4475

Ion	Exp%	Act%
99.00	100	100
71.00	38.10	38.53
42.00	28.80	53.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

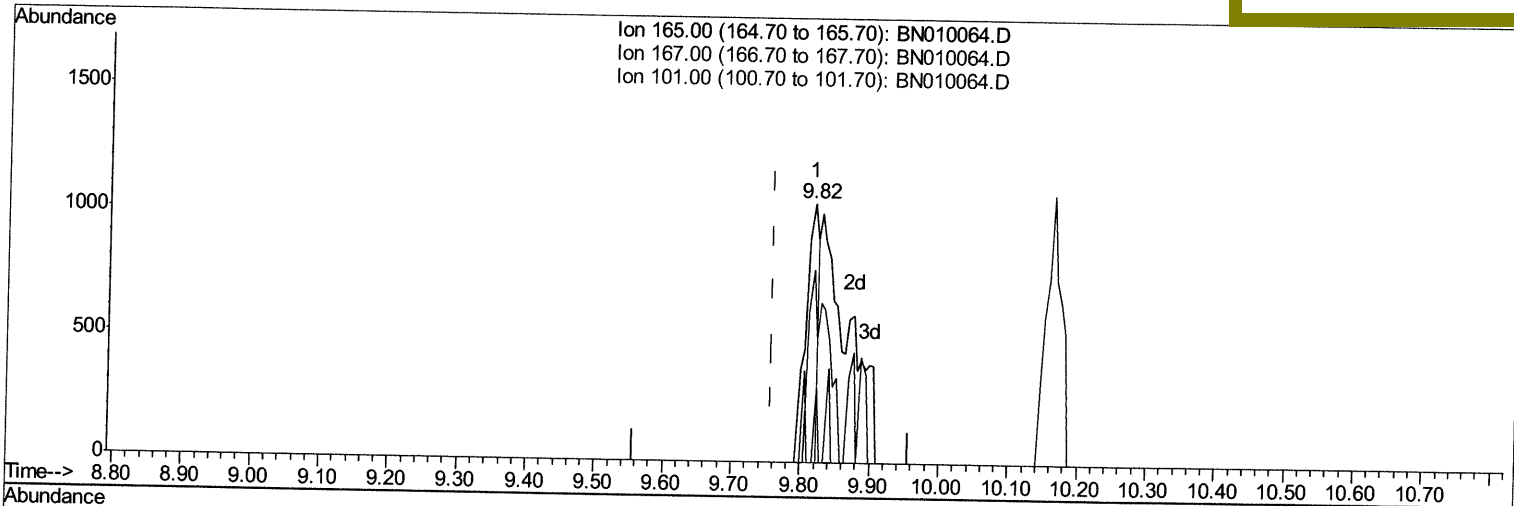
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
 3/4/2020 7:51:41 AM



Quantitation Report (Qedit)

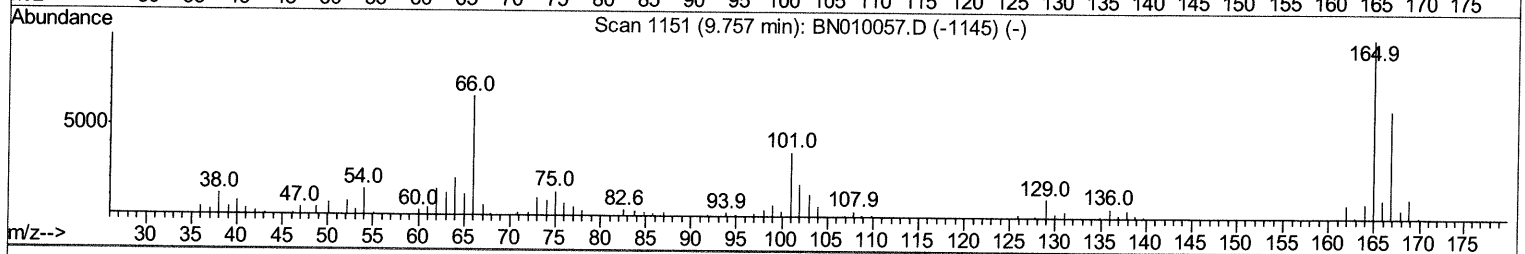
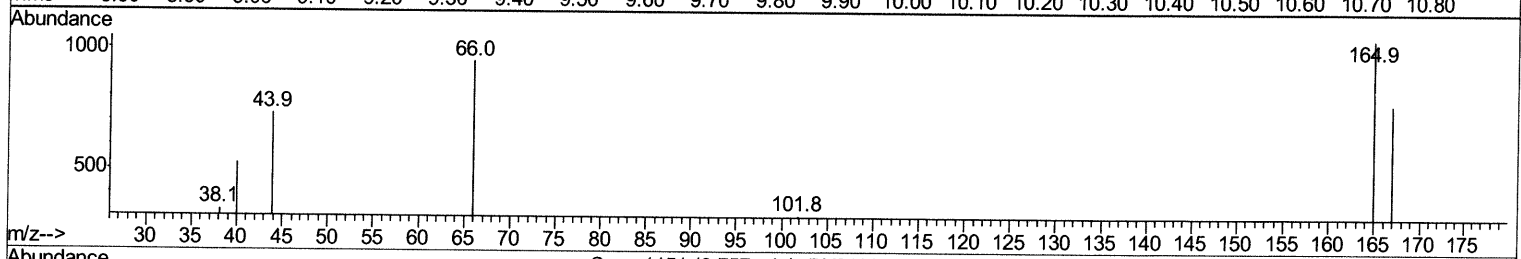
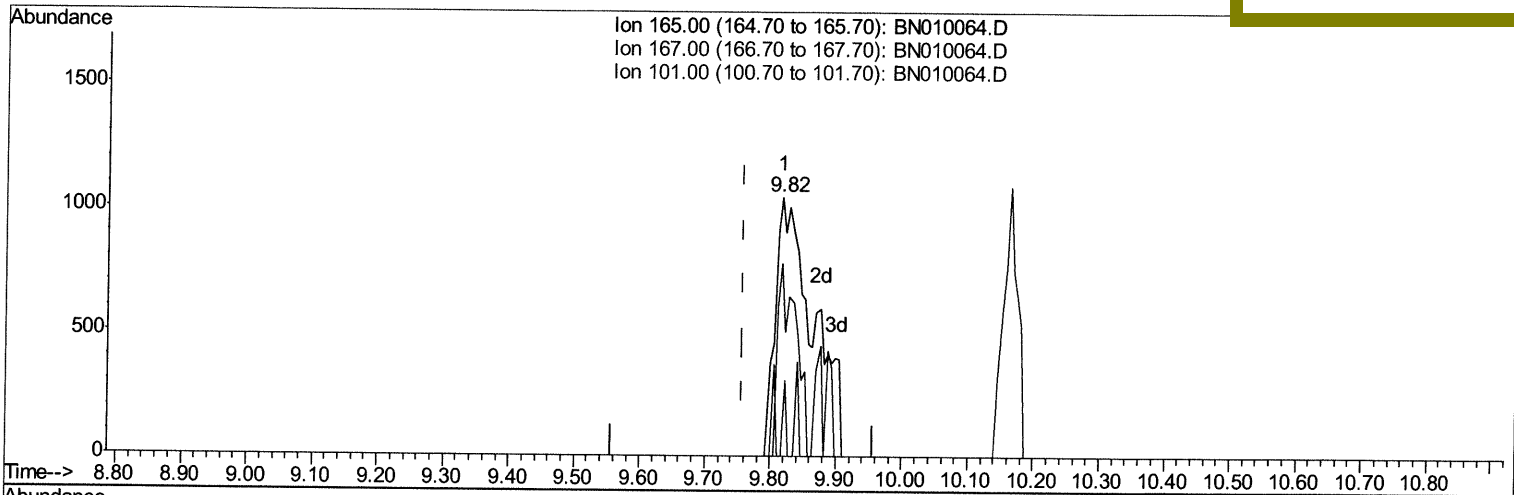
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(26) 2,4-Dichlorophenol-d3 (S)

9.816min (+0.059) 1.42ng/ul m *3403/03/20*

response 4127

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	74.16
101.00	36.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

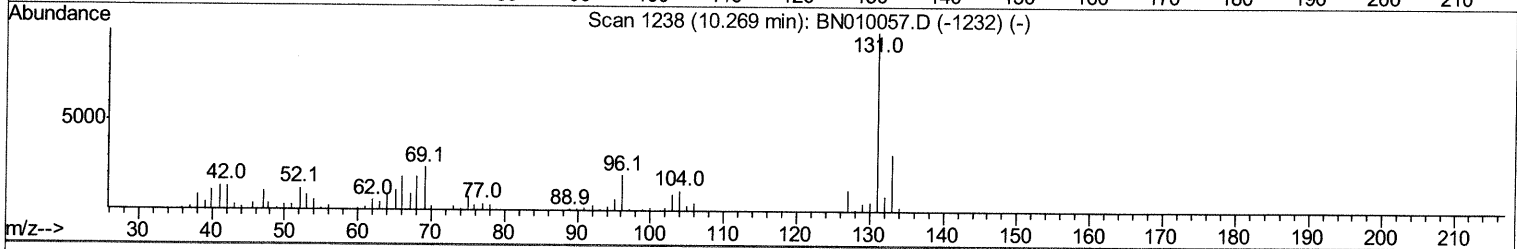
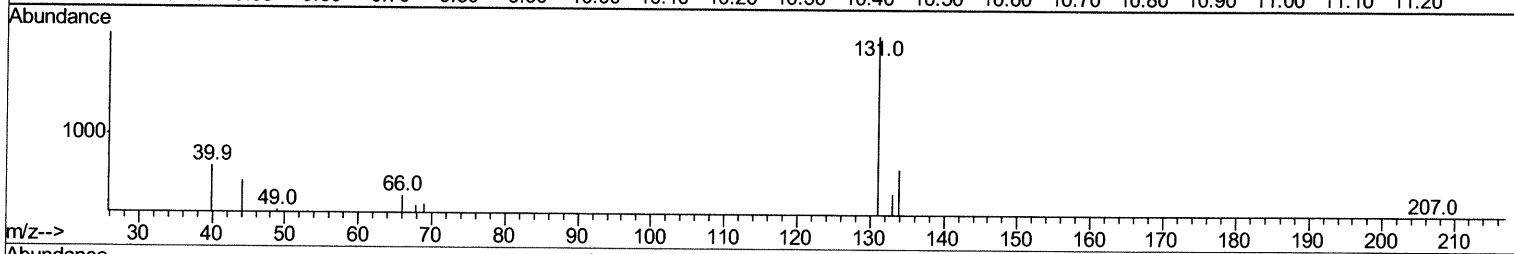
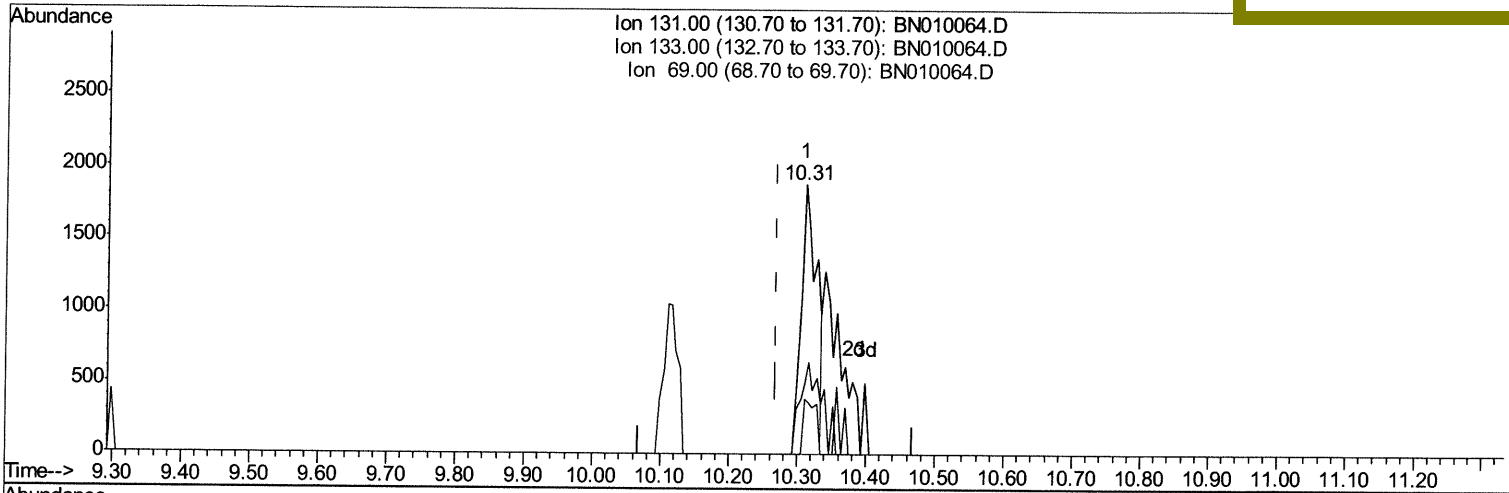
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.041) 0.92ng/ul

response 3015

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	26.44
69.00	22.10	20.59
0.00	0.00	0.00

Quantitation Report (Qedit)

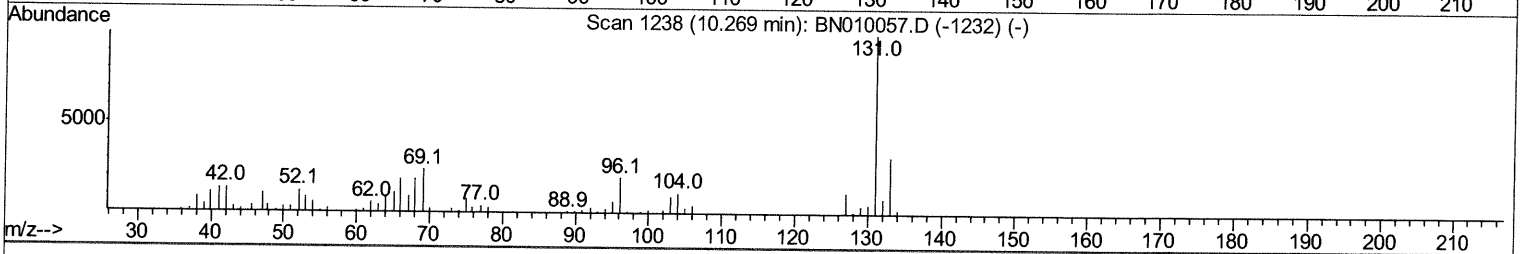
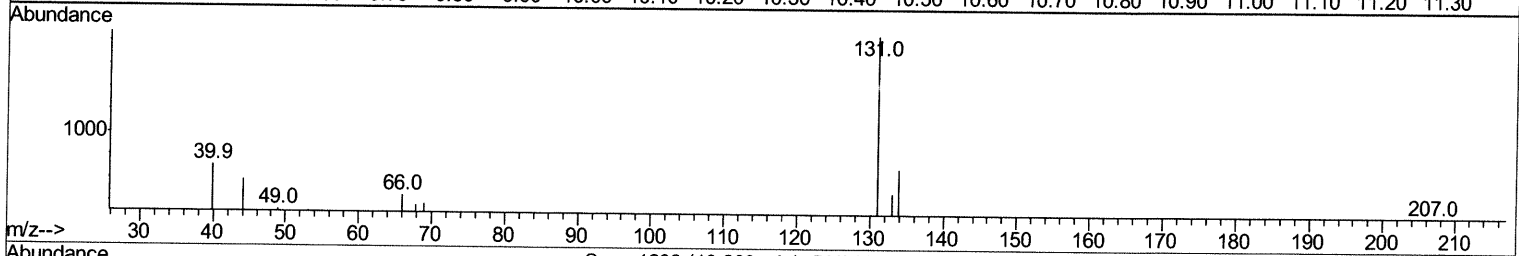
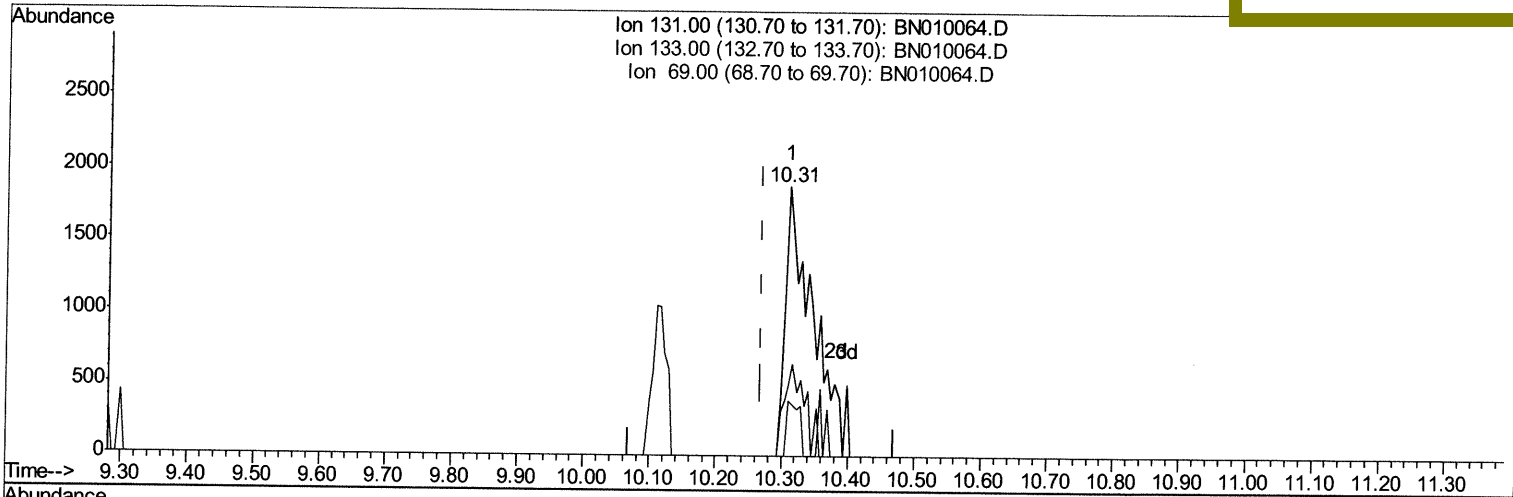
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.041) 1.62ng/ul m *Jan 03/03/20*

response 5277

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	26.44
69.00	22.10	20.59
0.00	0.00	0.00

Quantitation Report (Qedit)

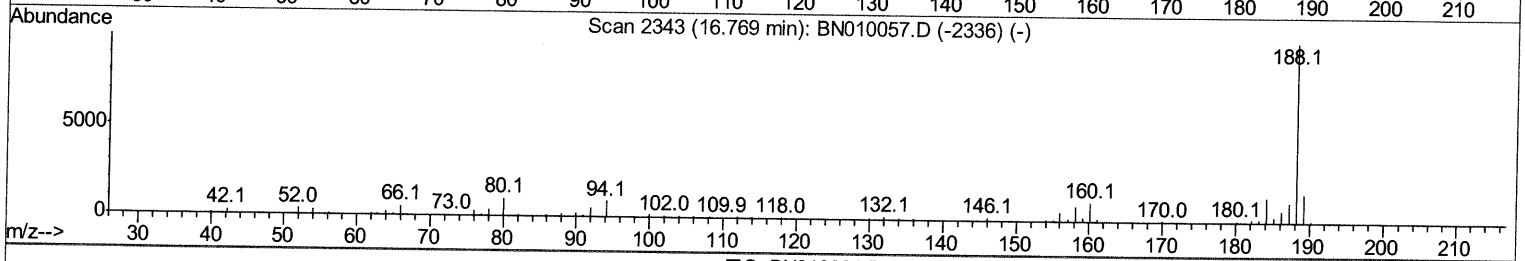
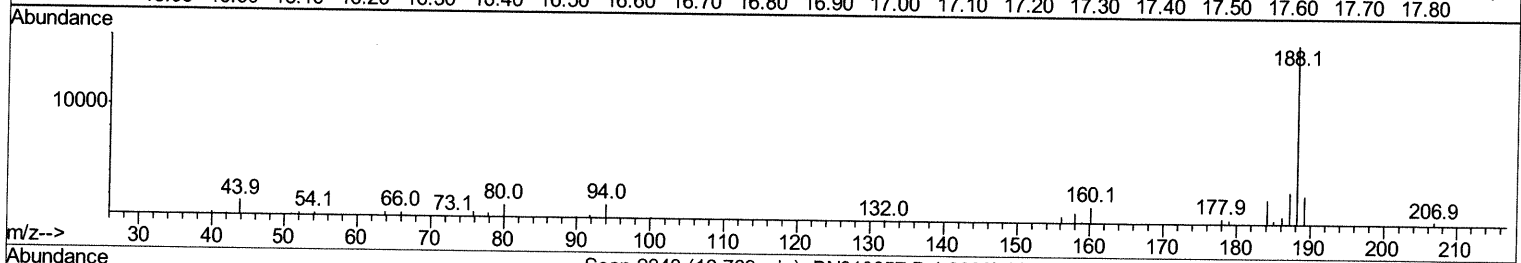
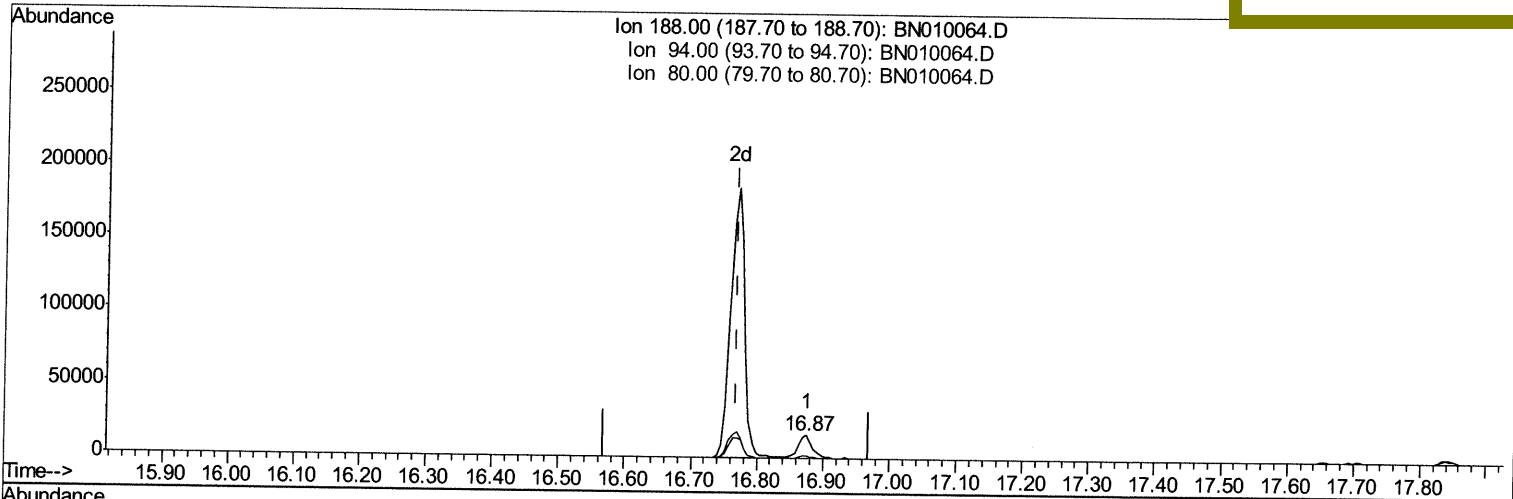
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(62) Phenanthrene-d10 (I)

16.875min (+0.106) 20.00ng/ul

response 24335

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.30
80.00	10.90	8.76
0.00	0.00	0.00

Quantitation Report (Qedit)

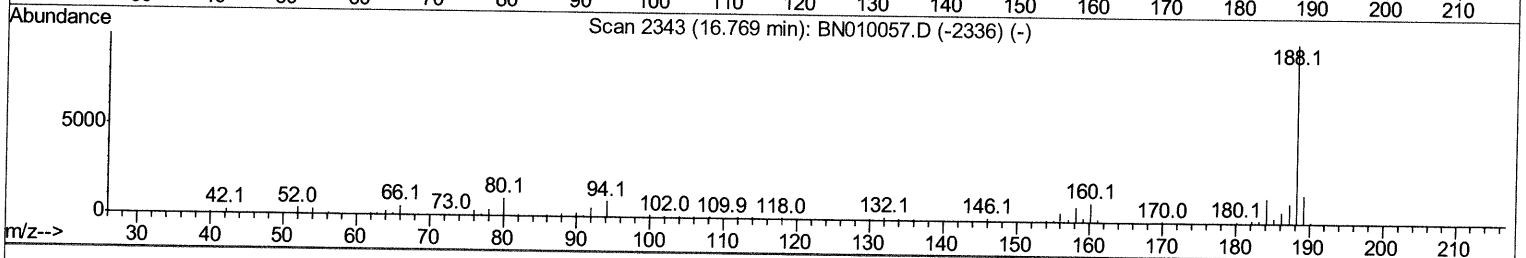
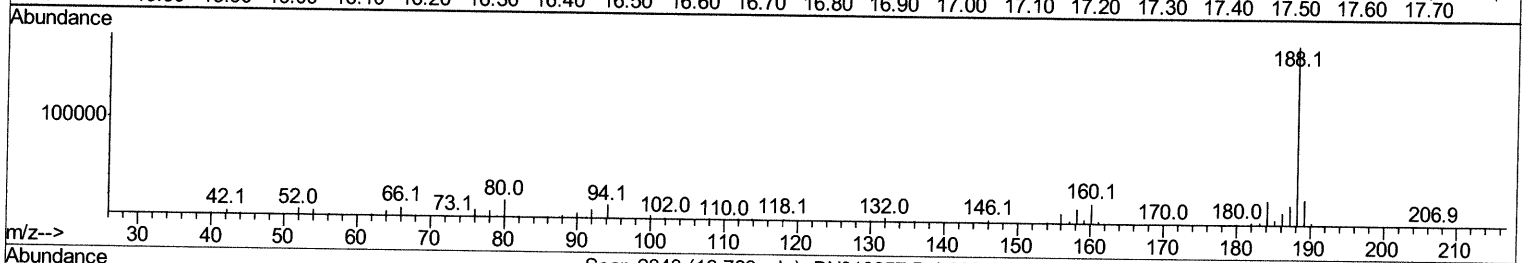
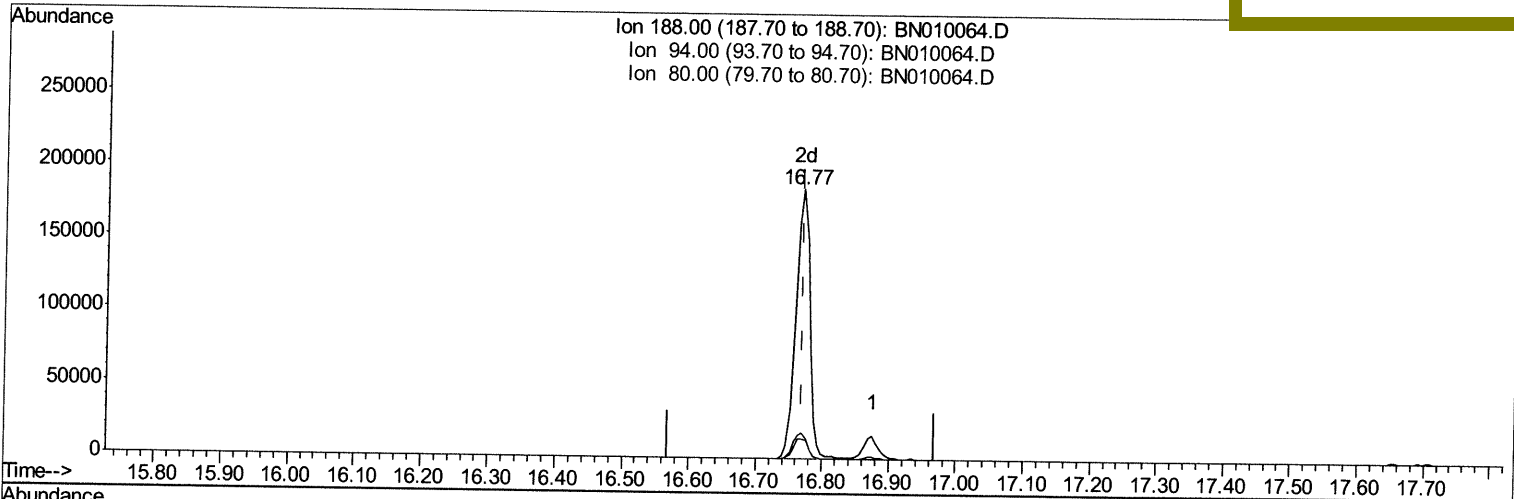
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(62) Phenanthrene-d10 (I)

16.769min (+0.000) 20.00ng/ul m *Ju03/03/20*

response 266684

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	7.42#
80.00	10.90	9.63
0.00	0.00	0.00

Quantitation Report (Qedit)

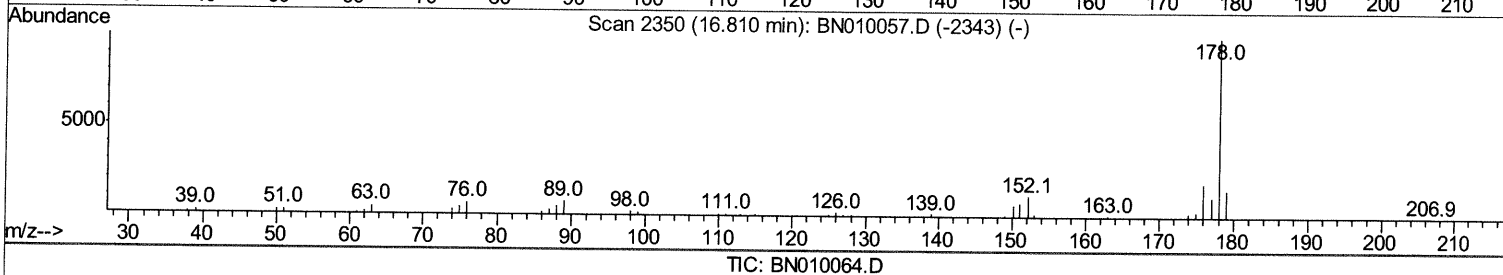
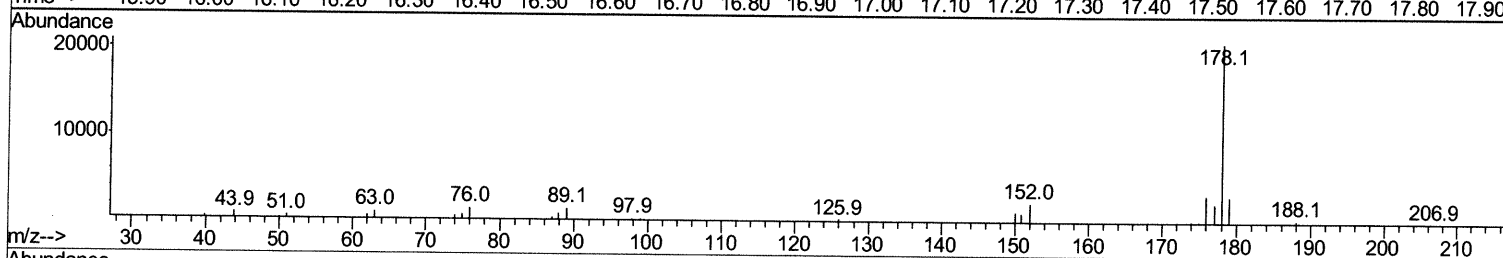
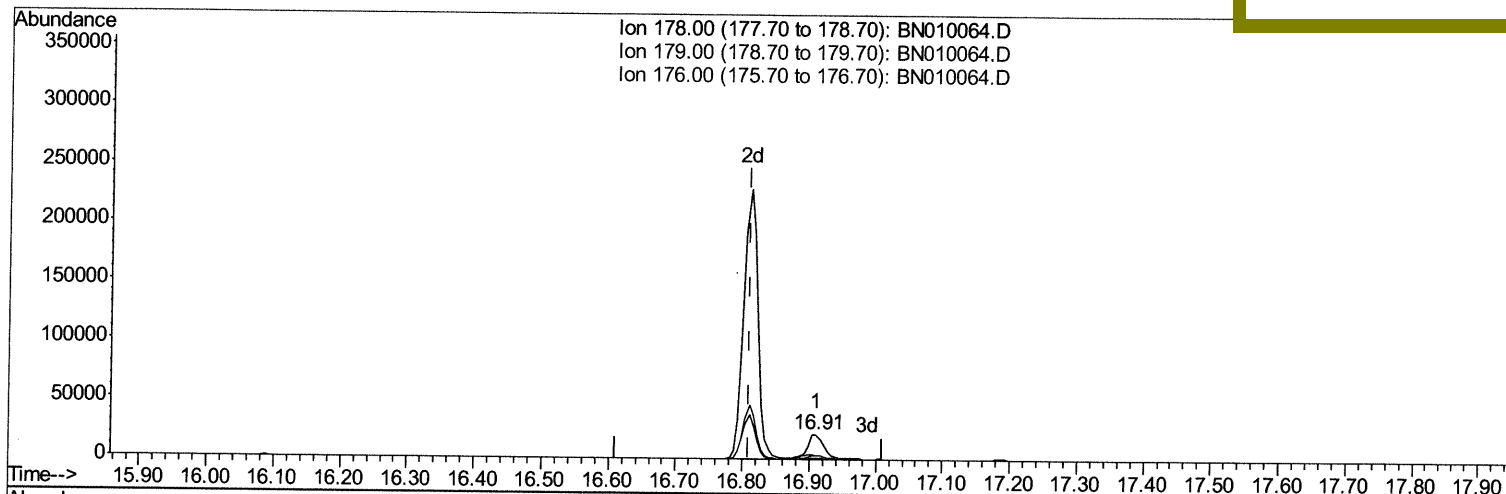
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:16:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(70) Phenanthrene

16.910min (+0.100) 2.18ng/ul

response 33116

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.71
176.00	18.30	16.76
0.00	0.00	0.00

Quantitation Report (Qedit)

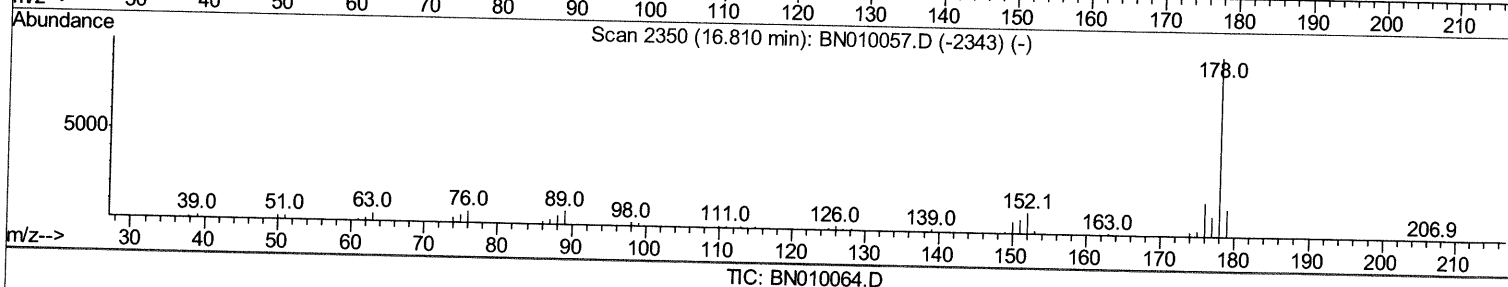
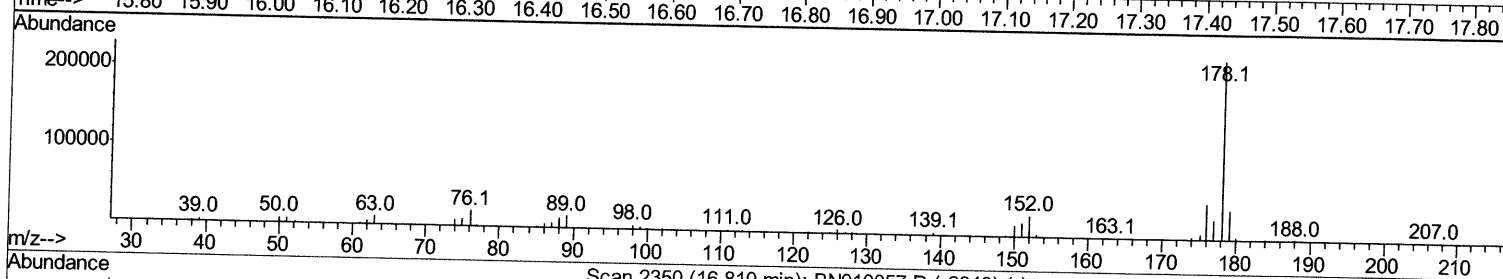
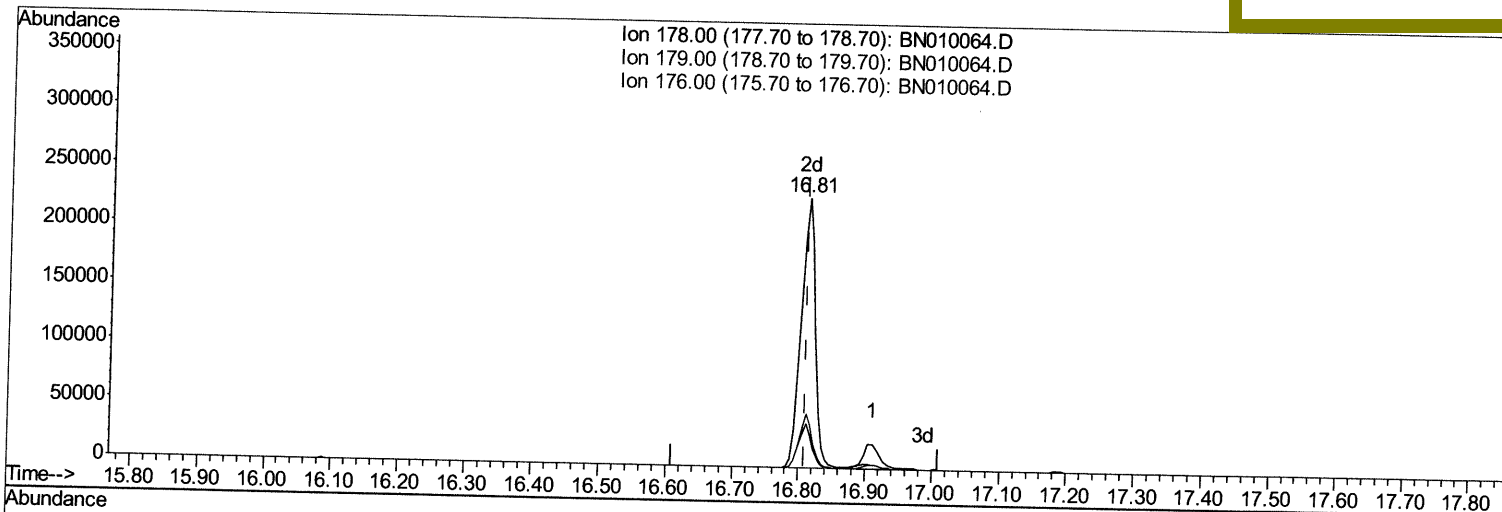
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:16:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



(70) Phenanthrene

16.810min (+0.000) 21.84ng/ul m *Ju 03/03/20*

response 332386

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.36
176.00	18.30	19.80
0.00	0.00	0.00

TIC: BN010064.D

Quantitation Report (Qedit)

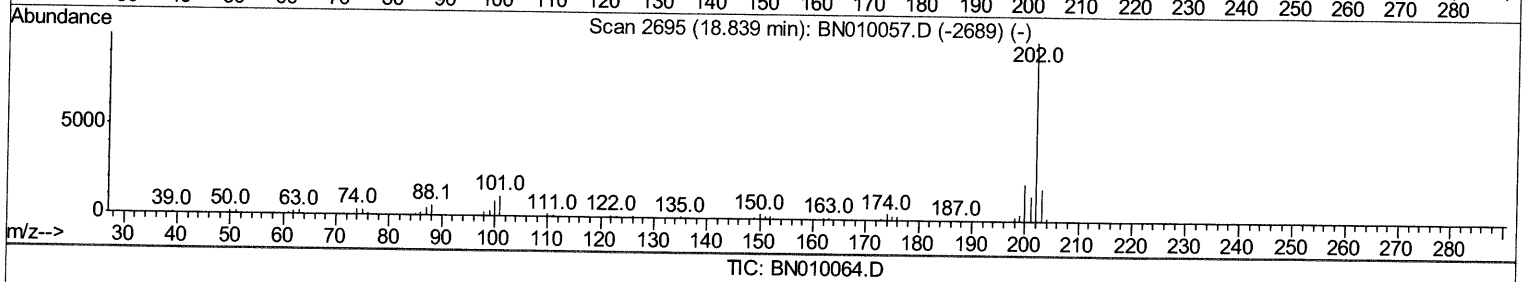
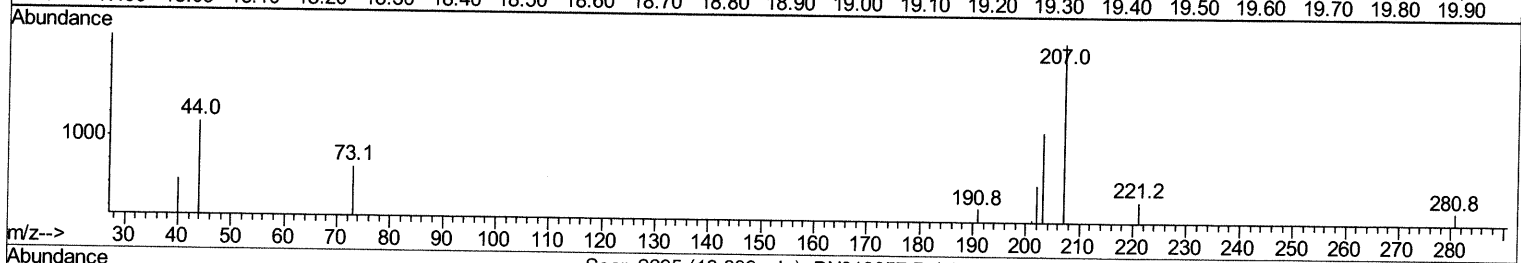
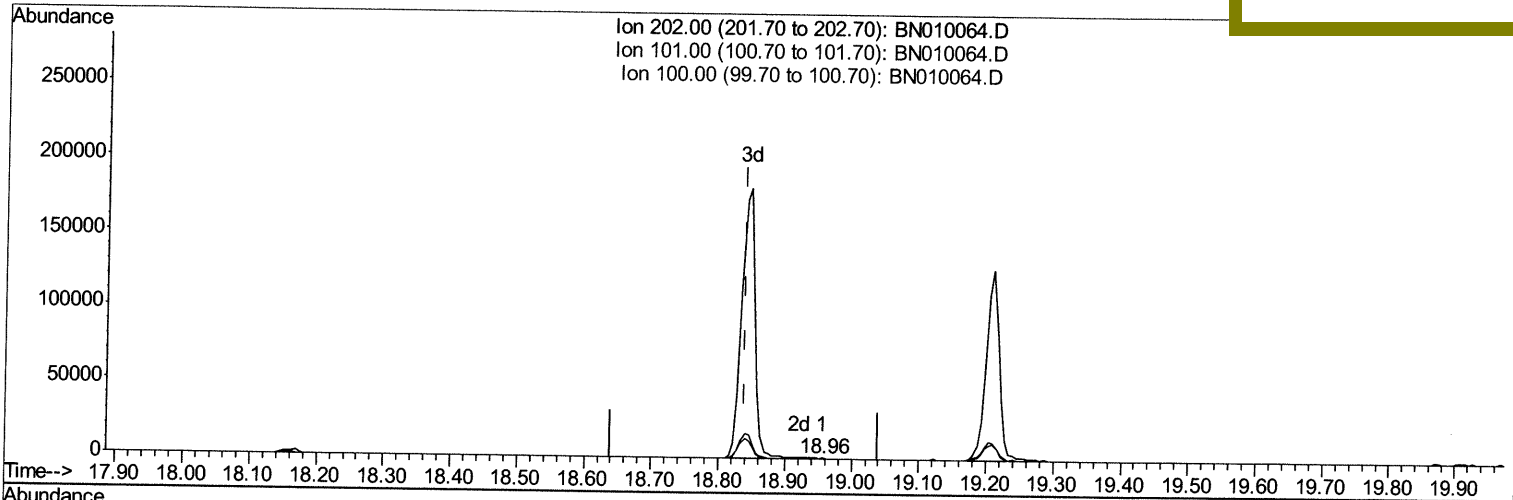
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:16:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(77) Fluoranthene (C)

18.957min (+0.118) 0.03ng/ul

response 528

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	0.00#
100.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

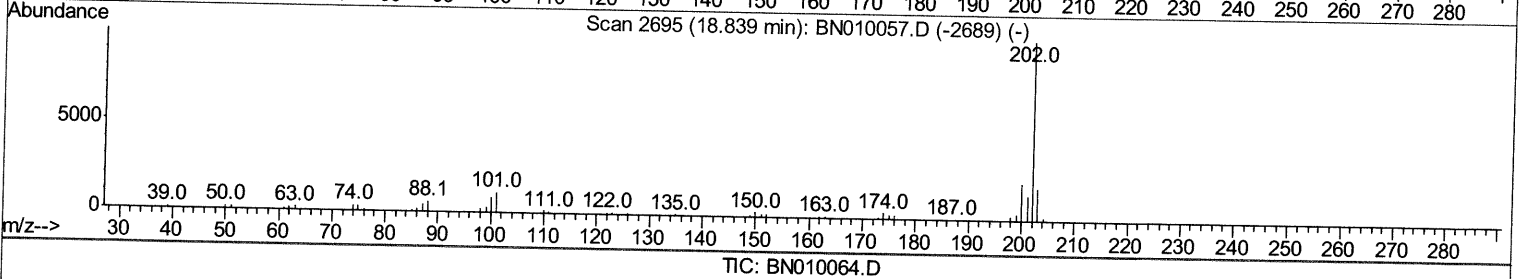
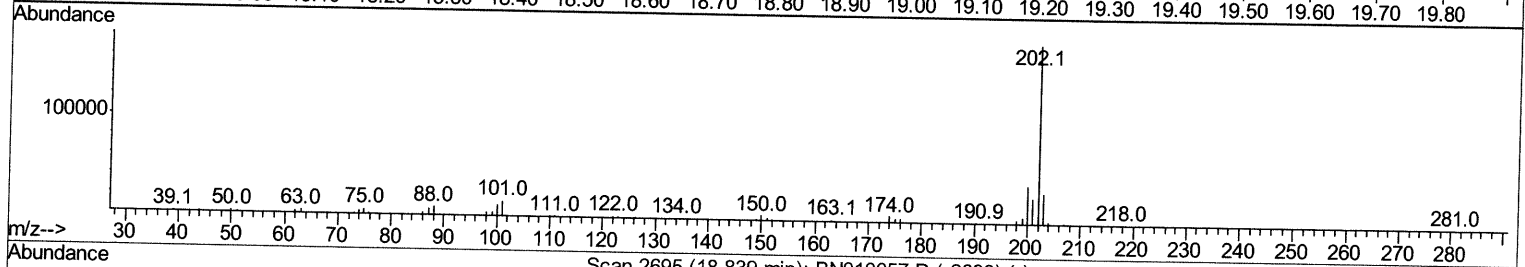
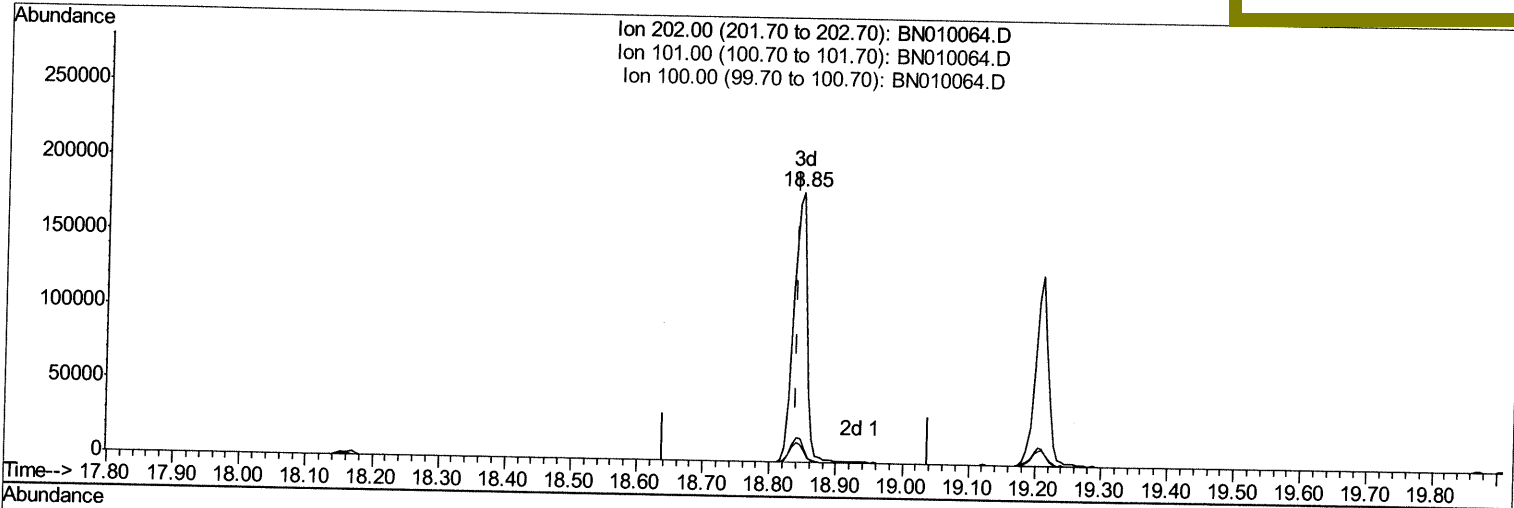
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:16:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM



TIC: BN010064.D

(77) Fluoranthene (C)

18.845min (+0.006) 14.05ng/ul m *Tu 03/03/20*

response 250444

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	8.69#
100.00	9.00	6.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Quant Time: Mar 03 17:17:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	45128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	188646	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	123356	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	266684m	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	246685	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	265161	20.00	ng/ul	0.00

Ju 03/03/20

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.63	99	4475m	1.17	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.75	67	3454	1.30	ng/ul	0.02
9) 2-Chlorophenol-d4	6.92	132	3578	1.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.12	113	2568	0.84	ng/ul	0.04
19) Nitrobenzene-d5	8.54	128	1247	0.90	ng/ul	0.03
22) 2-Nitrophenol-d4	9.25	143	915	0.61	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	4127m	1.42	ng/ul	0.06
29) 4-Chloroaniline-d4	10.31	131	5277m	1.62	ng/ul	0.04
44) Dimethylphthalate-d6	13.45	166	17905	1.94	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	18602	1.71	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	14882	1.87	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.87	188	24335	1.99	ng/ul	0.01
79) Pyrene-d10	19.18	212	26598	2.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	23792	1.80	ng/ul	0.00

Ju 03/03/20

Ju 03/03/20

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.16	128	53800	5.289	ng/ul	99
34) 2-Methylnaphthalene	11.79	142	41881	5.929	ng/ul	90
41) 1,1'-Biphenyl	12.84	154	11826	1.248	ng/ul#	88
50) Acenaphthene	14.07	153	76556	9.508	ng/ul	95
54) Dibenzofuran	14.42	168	69444	6.145	ng/ul	95
59) Fluorene	15.07	166	59541	6.278	ng/ul	98
70) Phenanthrene	16.81	178	332386m	21.839	ng/ul	98
72) Anthracene	16.91	178	32754	2.105	ng/ul	98
77) Fluoranthene	18.85	202	250444m	14.048	ng/ul	98
80) Pyrene	19.21	202	174599	9.817	ng/ul#	90
83) Benzo(a)anthracene	20.98	228	45963	2.711	ng/ul	98
85) Chrysene	21.03	228	28479	1.706	ng/ul	94
88) Benzo(b)fluoranthene	22.48	252	24662	1.435	ng/ul#	92
91) Benzo(a)pyrene	23.00	252	15596	1.009	ng/ul	95

Ju 03/03/20

Ju 03/03/20

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