

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (QT Reviewed)

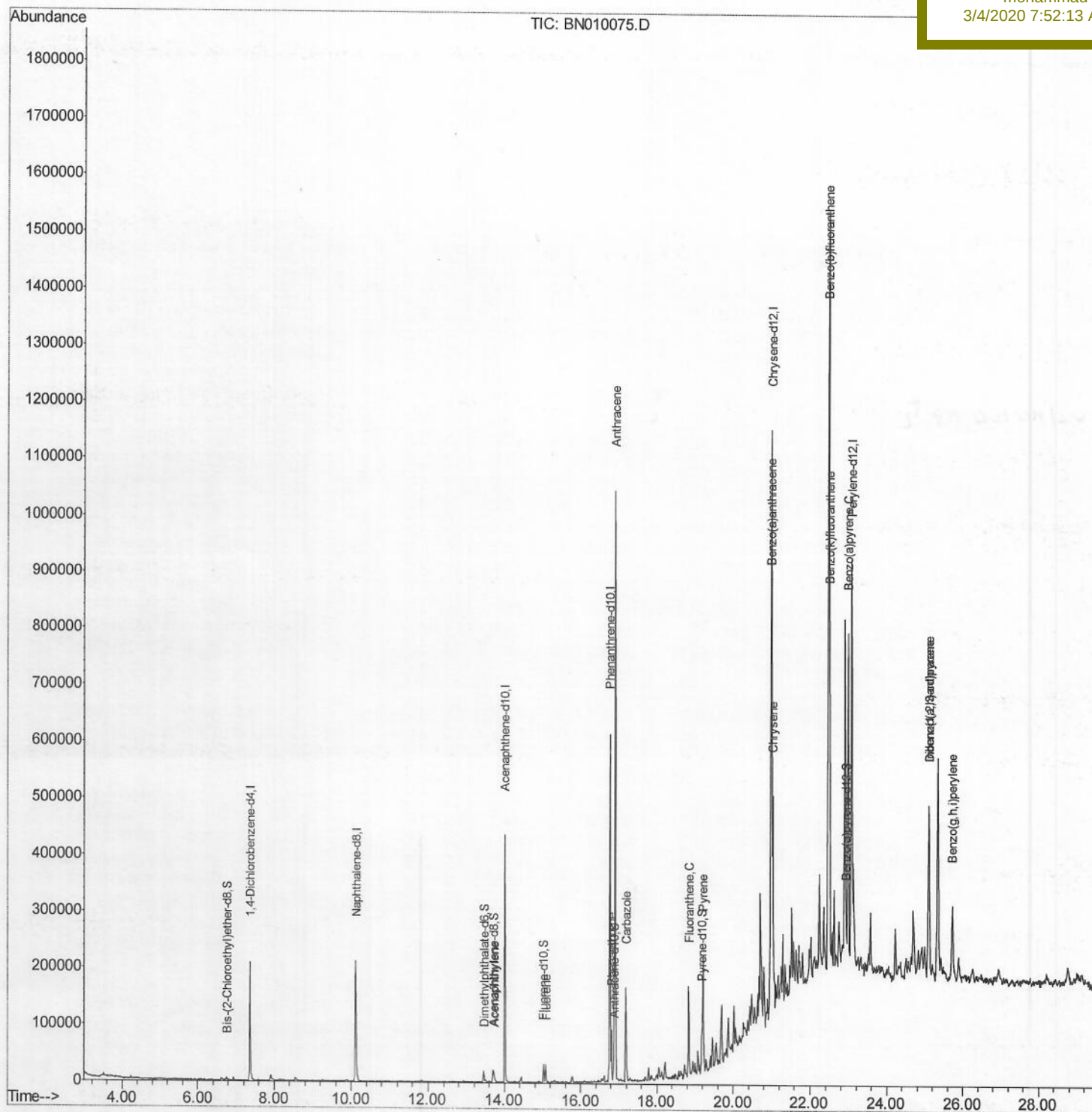
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 02:06:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample ID :
DBDT8DL

Manual Integrations
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mohammad
3/4/2020 7:52:13 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

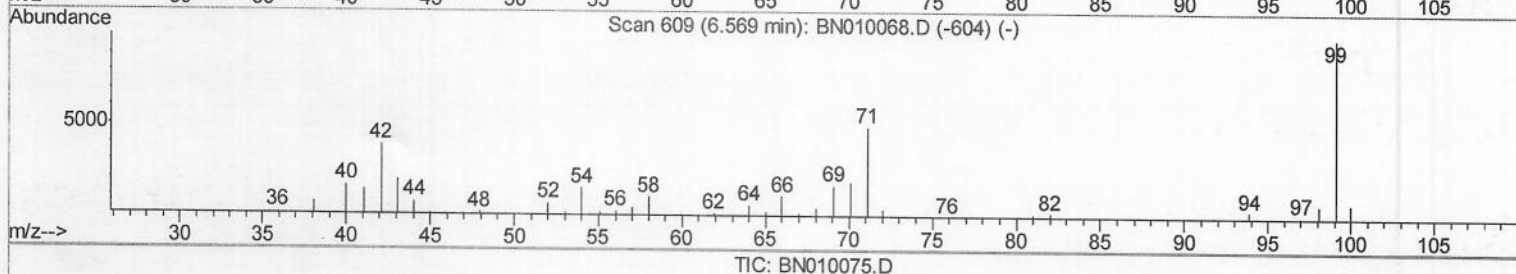
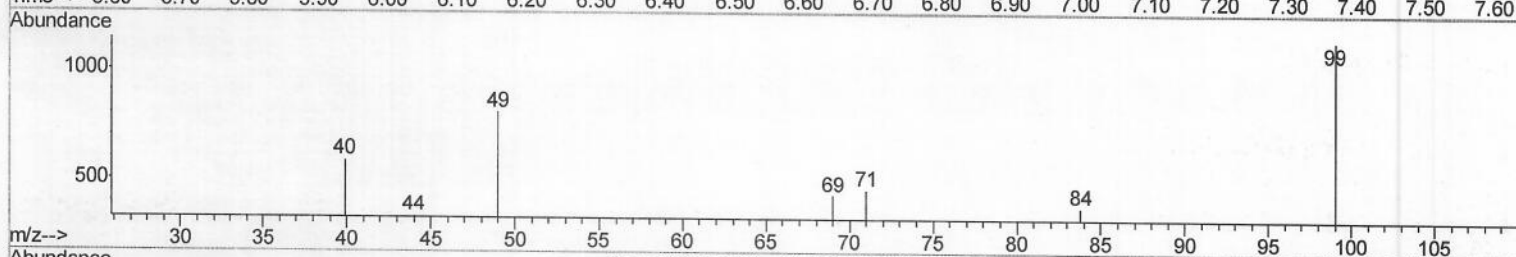
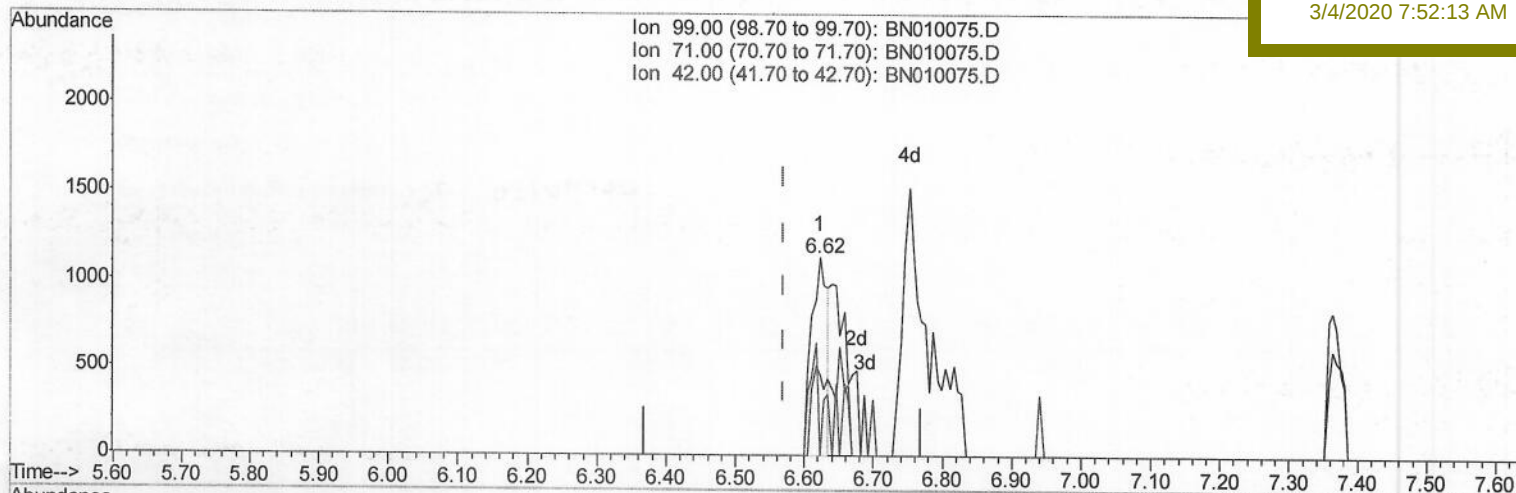
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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(5) Phenol-d5 (S)

6.622min (+0.053) 0.41ng/ul

response 1865

Ion	Exp%	Act%
99.00	100	100
71.00	38.10	40.19
42.00	28.80	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

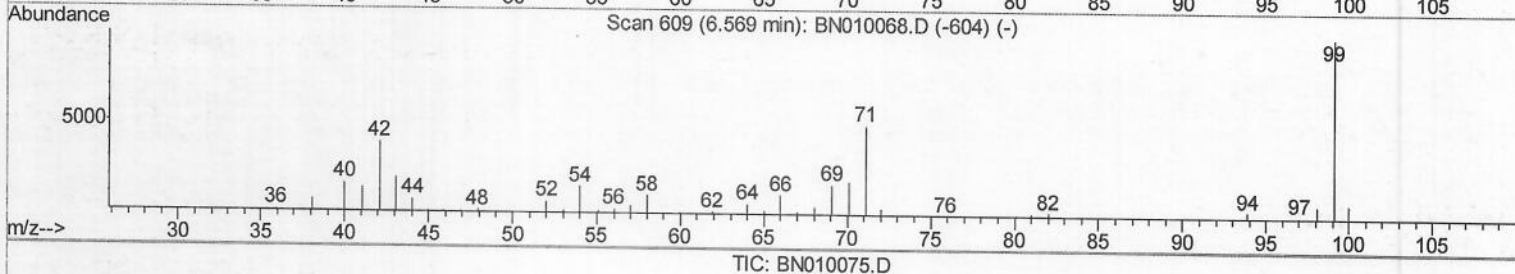
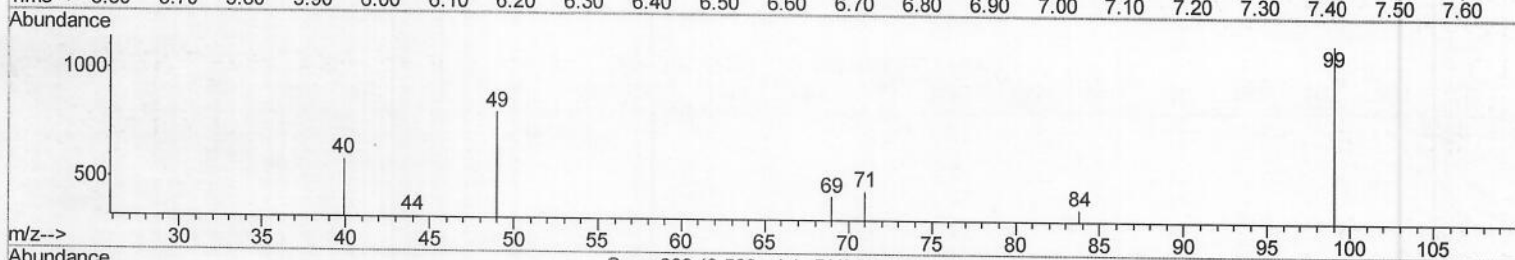
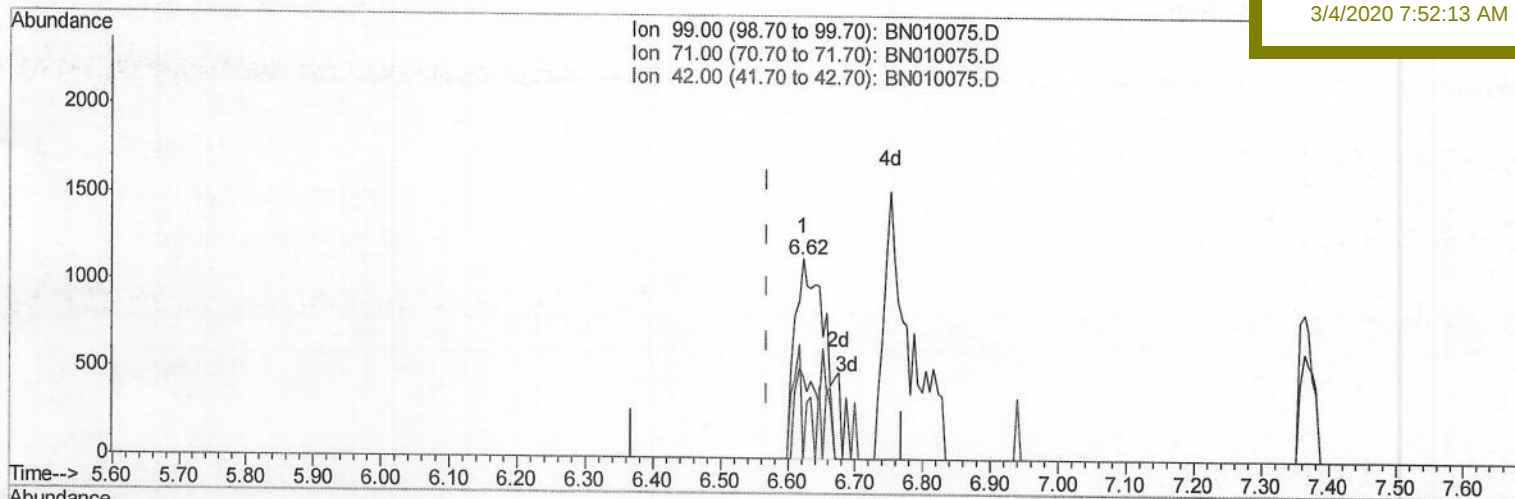
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample ID :
DBDT8DL

Manual Integrations
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(5) Phenol-d5 (S)

6.622min (+0.053) 0.79ng/ul m

> JU 03/05/20

response 3571

Ion	Exp%	Act%
99.00	100	100
71.00	38.10	40.19
42.00	28.80	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

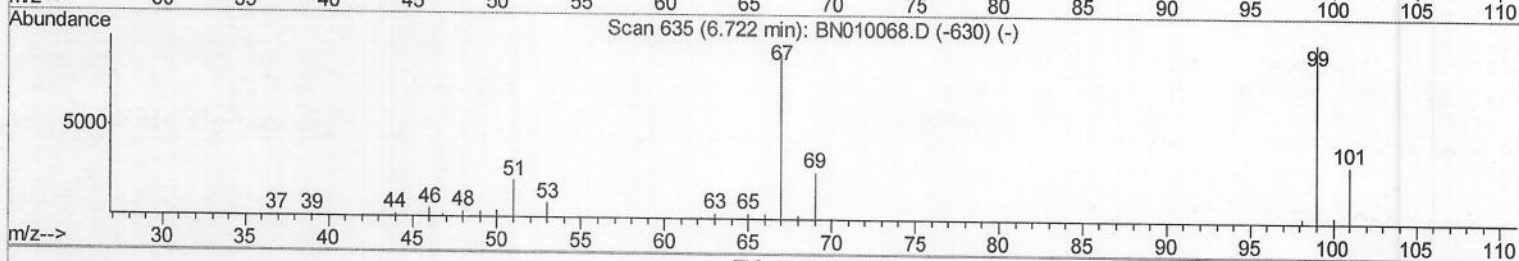
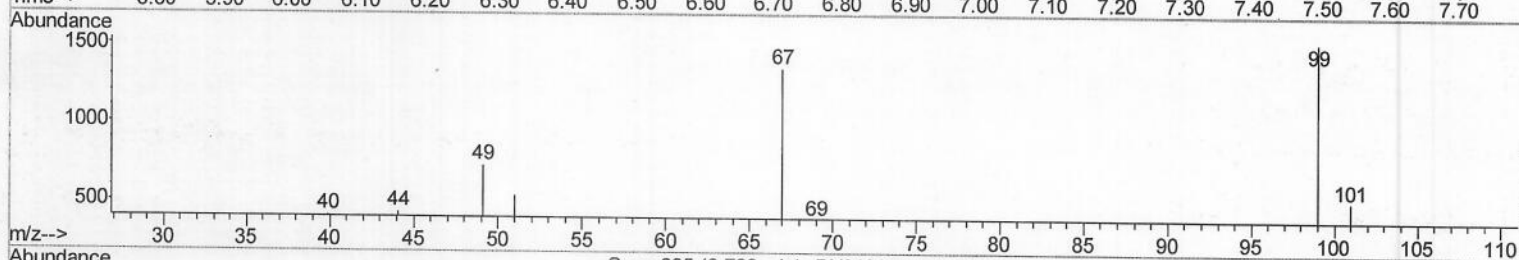
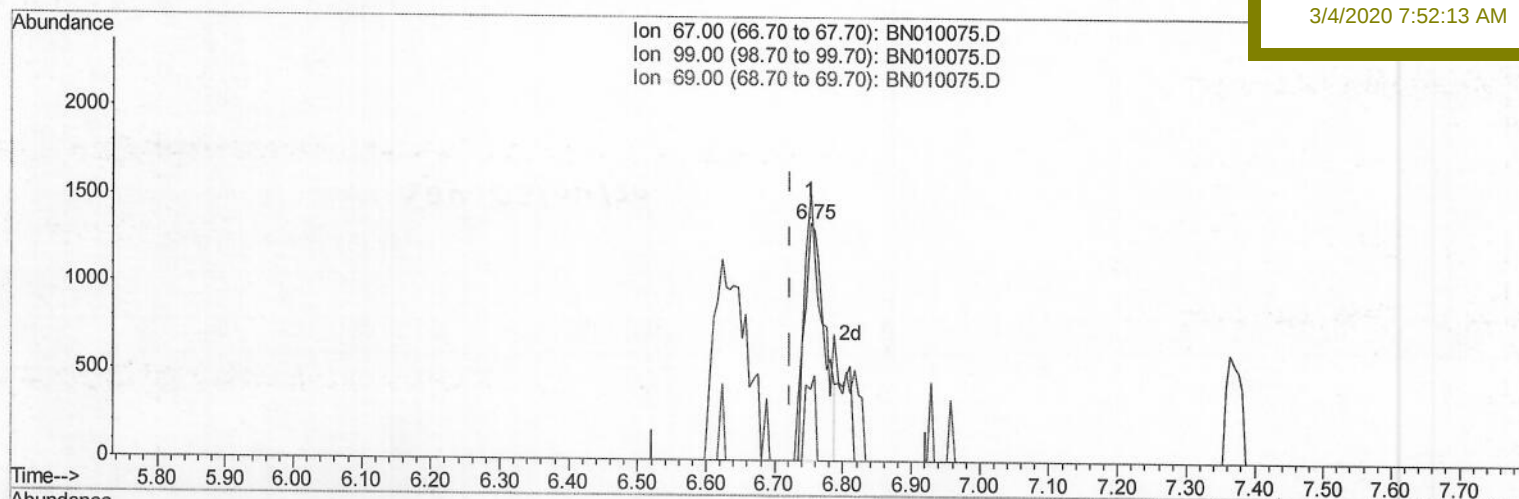
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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TIC: BN010075.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.752min (+0.030) 0.87ng/ul

response 2722

Ion	Exp%	Act%
67.00	100	100
99.00	106.90	113.10
69.00	28.30	29.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

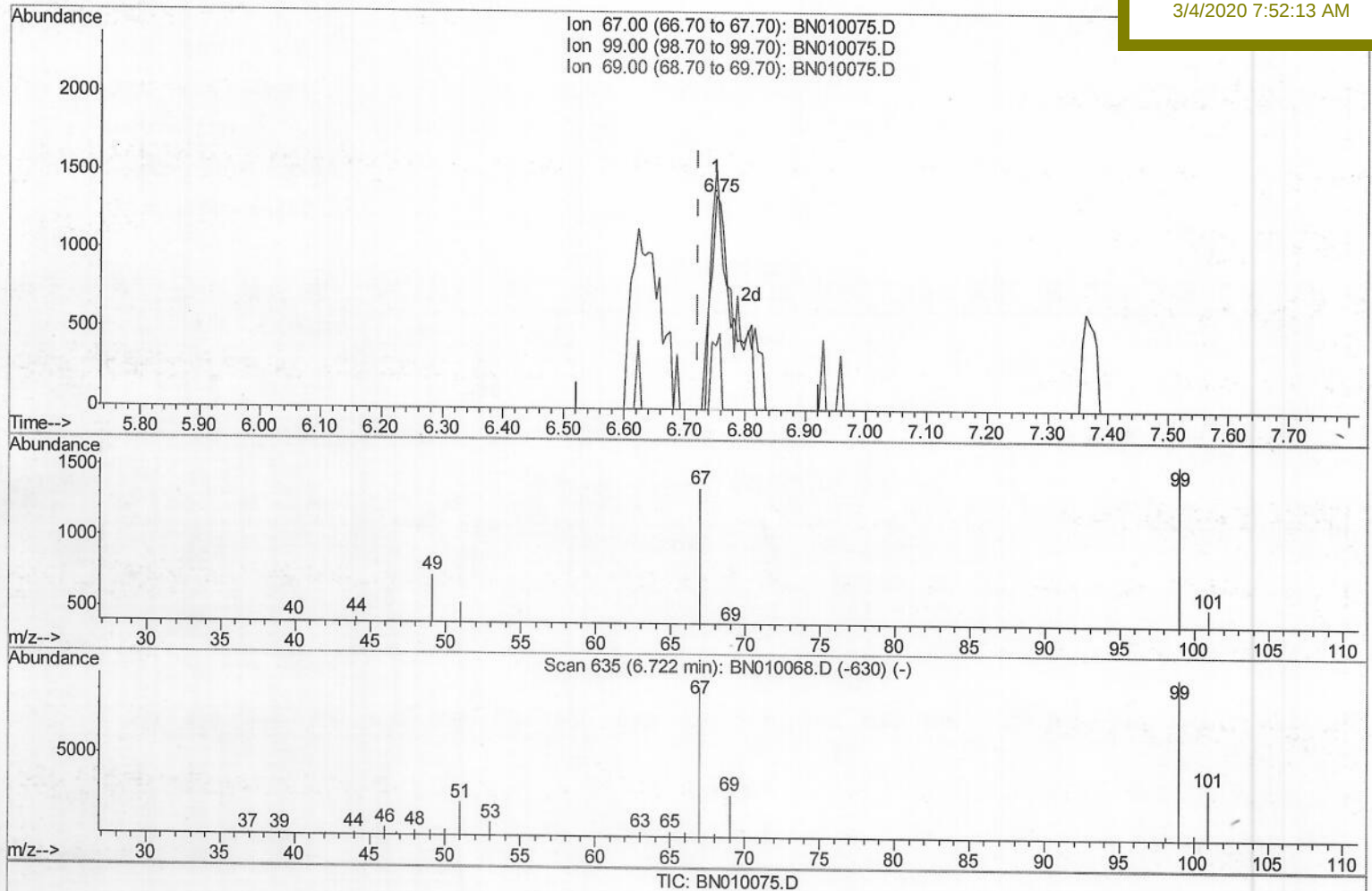
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.752min (+0.030) 1.08ng/ul m

response 3381

Ion	Exp%	Act%
67.00	100	100
99.00	106.90	113.10
69.00	28.30	29.68
0.00	0.00	0.00

75003105/20

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

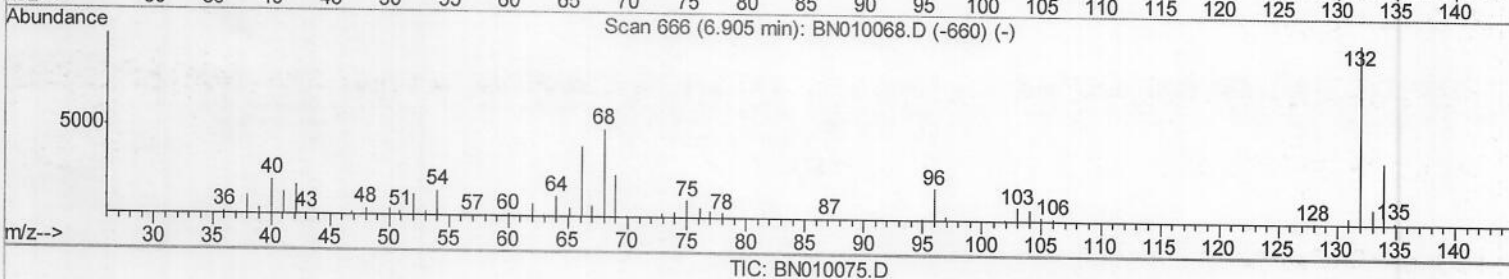
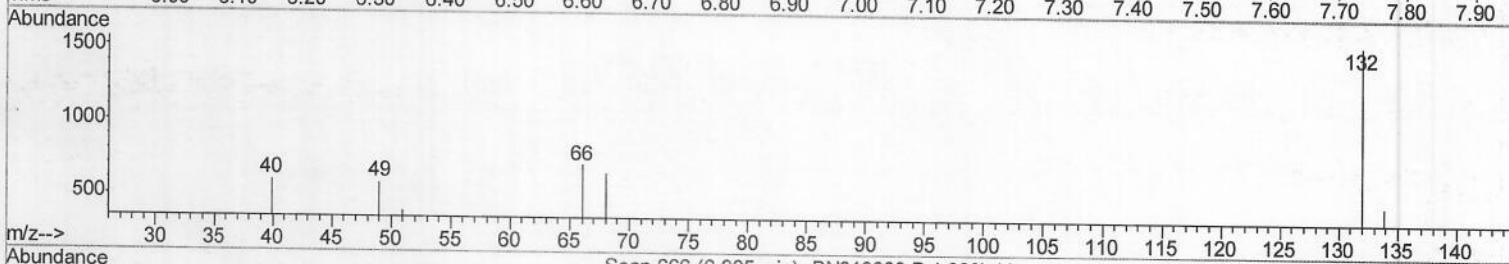
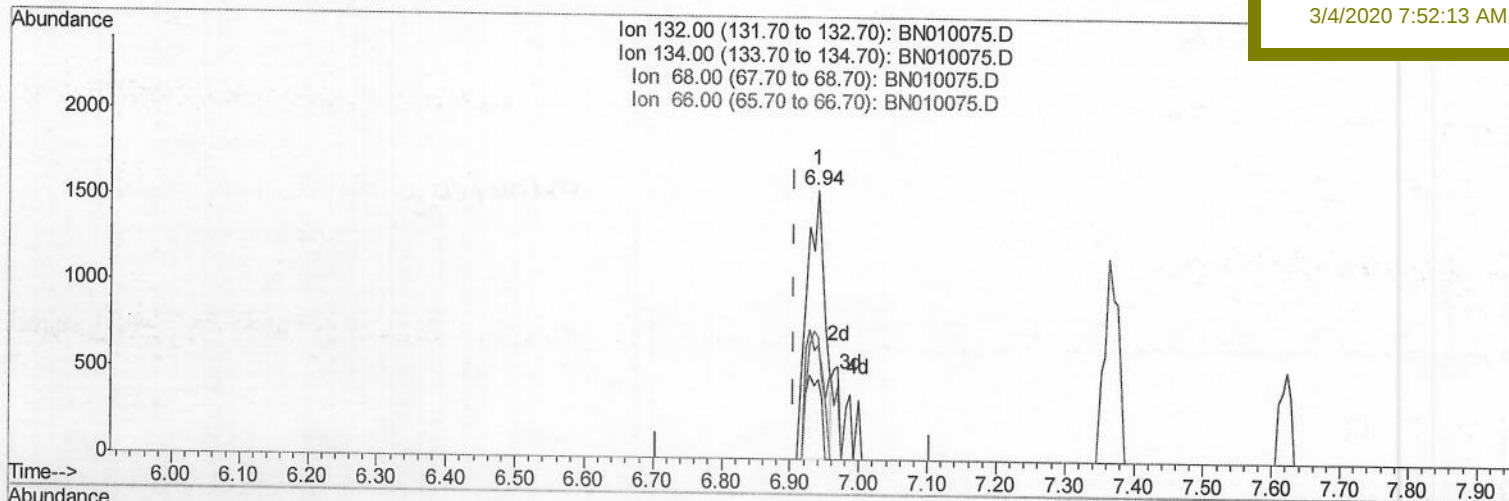
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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TIC: BN010075.D

(9) 2-Chlorophenol-d4 (S)

6.940min (+0.035) 0.83ng/ul

response 2830

Ion	Exp%	Act%
132.00	100	100
134.00	32.10	29.62
68.00	48.60	42.31
66.00	37.30	45.52#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

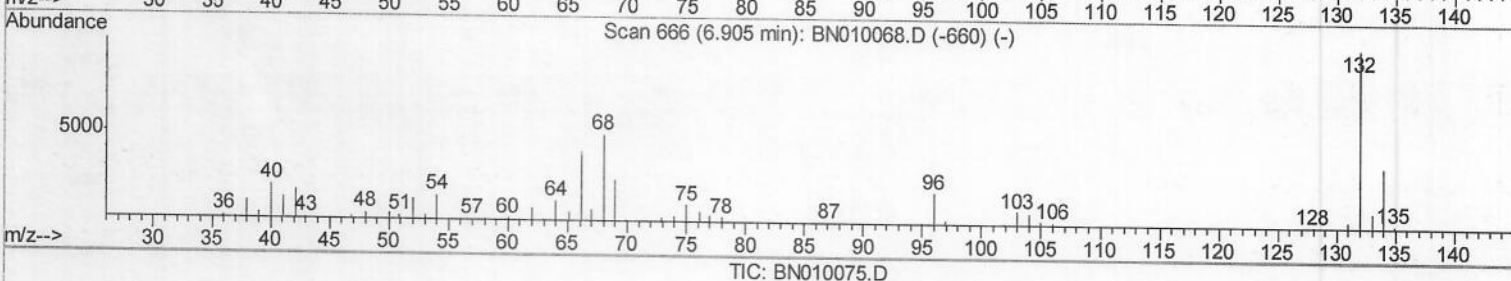
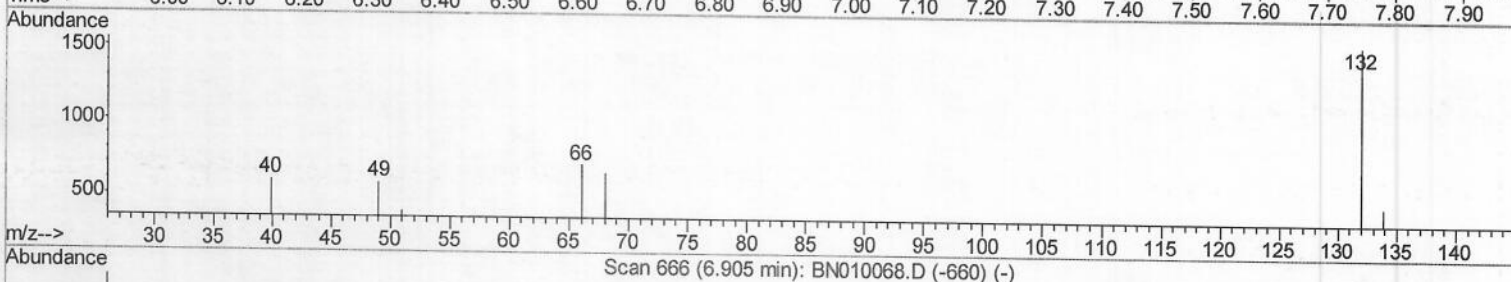
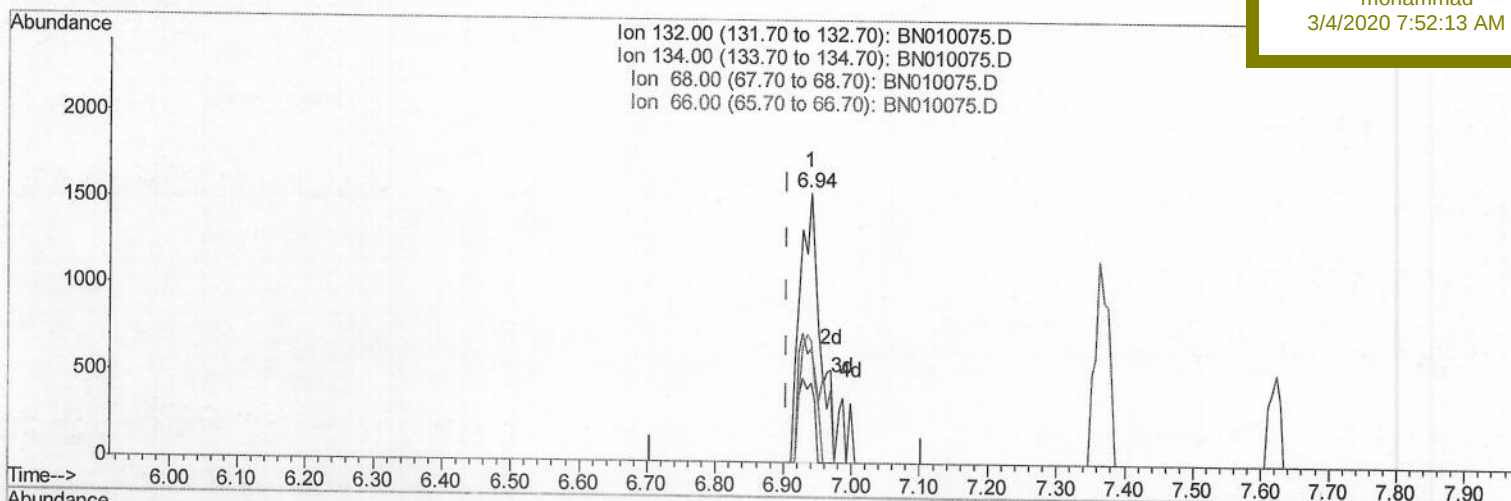
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
APPROVED

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(9) 2-Chlorophenol-d4 (S)

6.940min (+0.035) 0.94ng/ul m

> JU 03/05/20

response 3205

Ion	Exp%	Act%
132.00	100	100
134.00	32.10	29.62
68.00	48.60	42.31
66.00	37.30	45.52#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

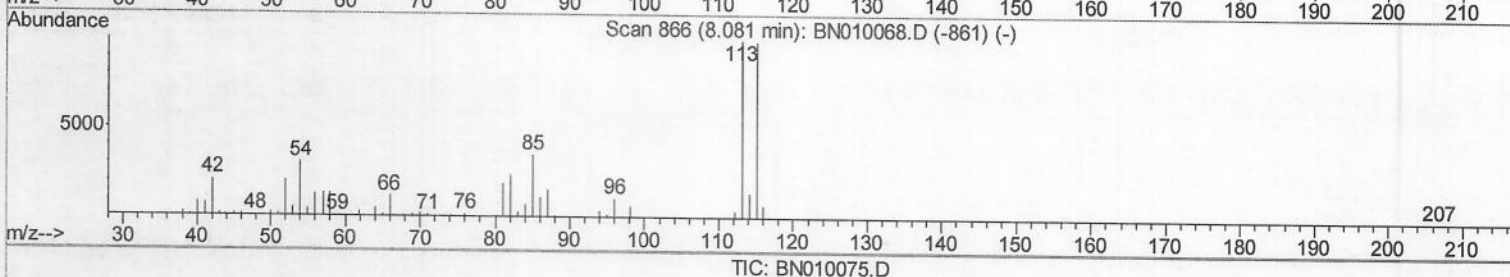
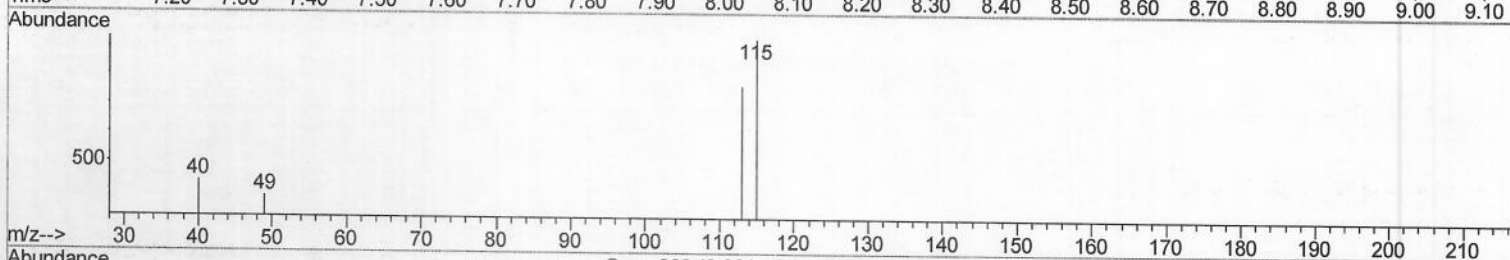
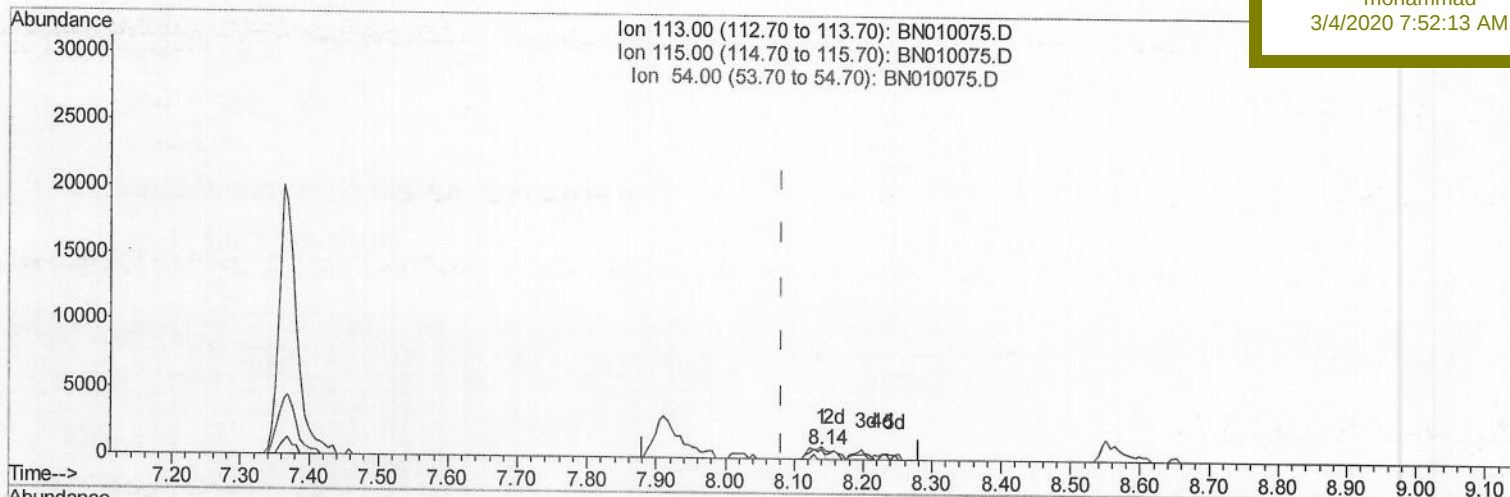
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.140min (+0.059) 0.32ng/ul

response 1139

Ion	Exp%	Act%
113.00	100	100
115.00	90.70	121.83#
54.00	21.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

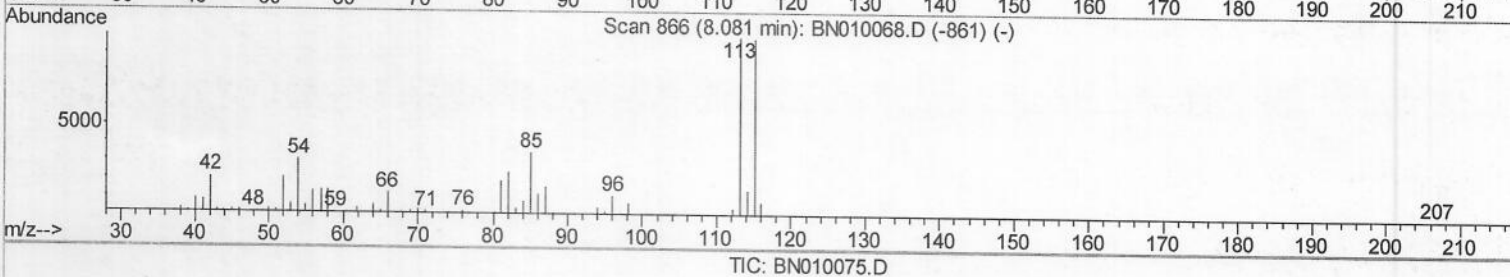
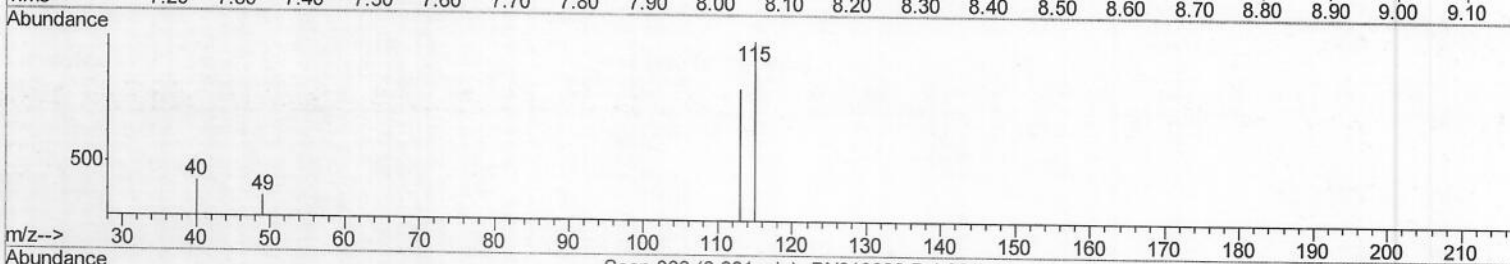
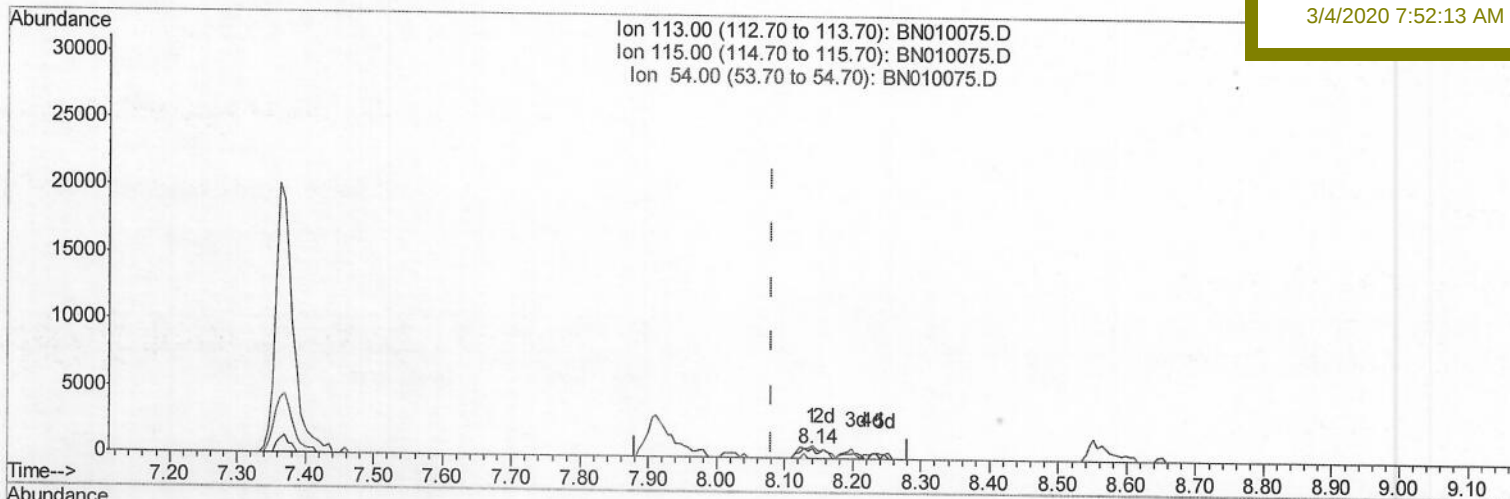
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.140min (+0.059) 0.47ng/ul m

250 03/05/20

response 1701

Ion	Exp%	Act%
113.00	100	100
115.00	90.70	121.83#
54.00	21.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

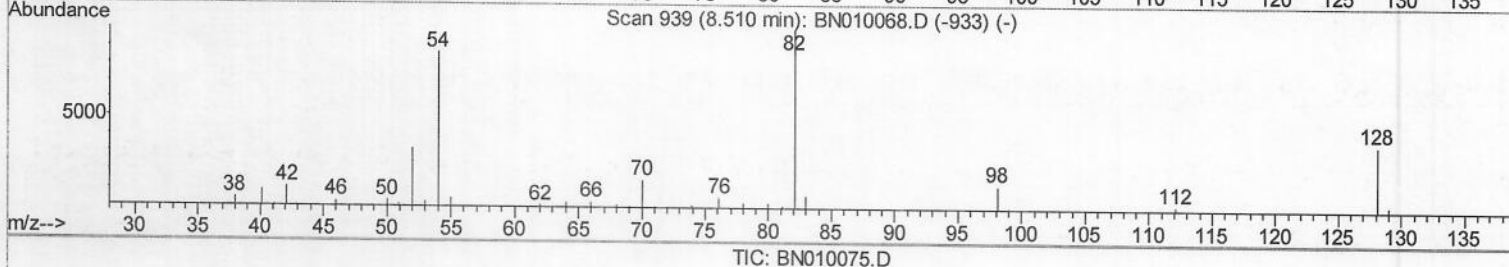
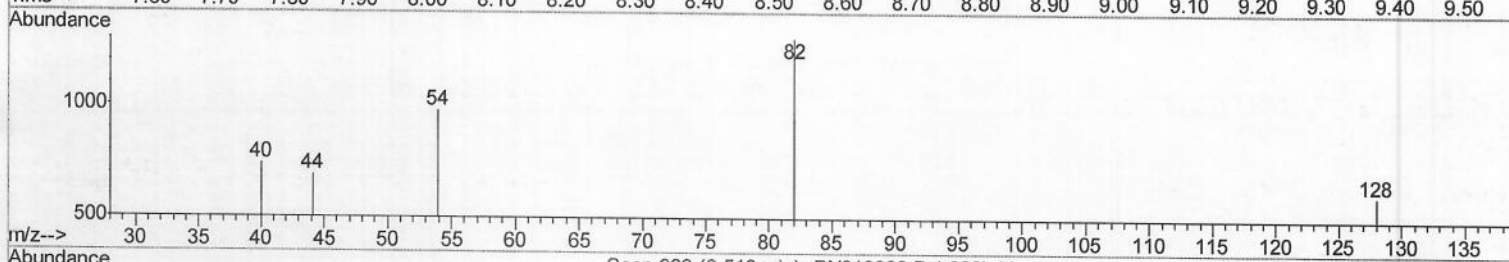
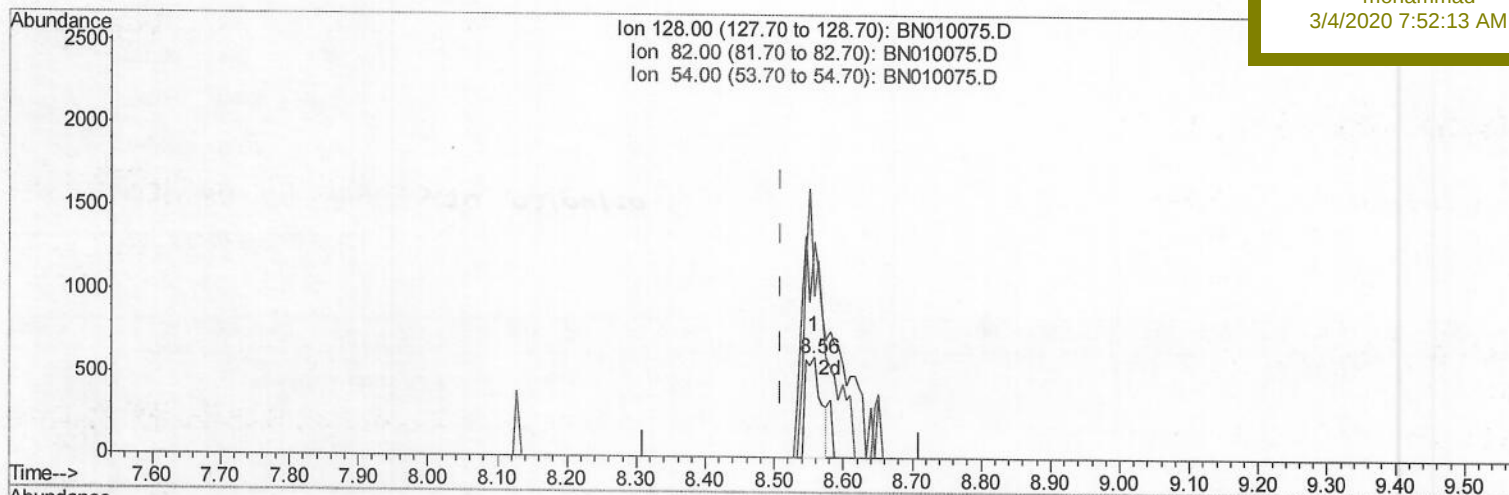
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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(19) Nitrobenzene-d5 (S)
8.558min (+0.047) 0.75ng/ul
response 973

Ion	Exp%	Act%
128.00	100	100
82.00	271.60	214.45#
54.00	200.30	160.76
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

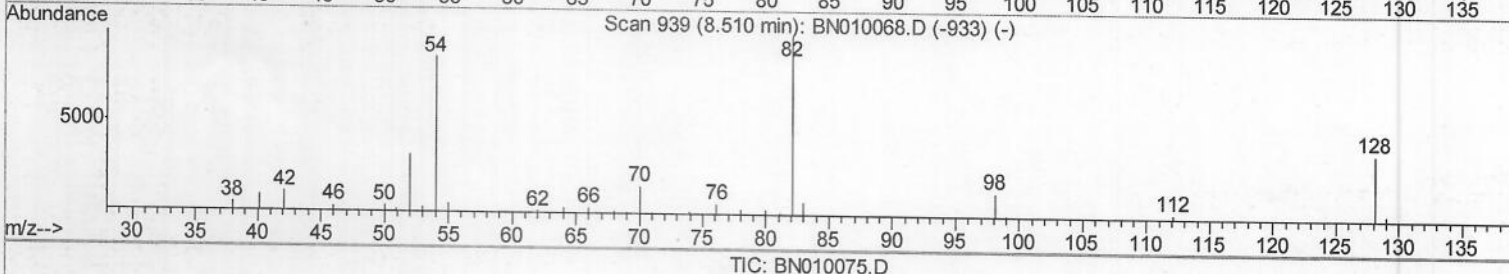
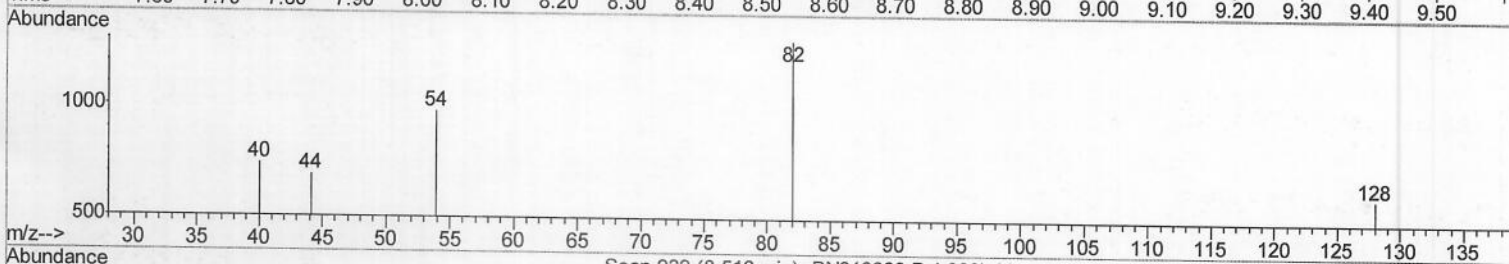
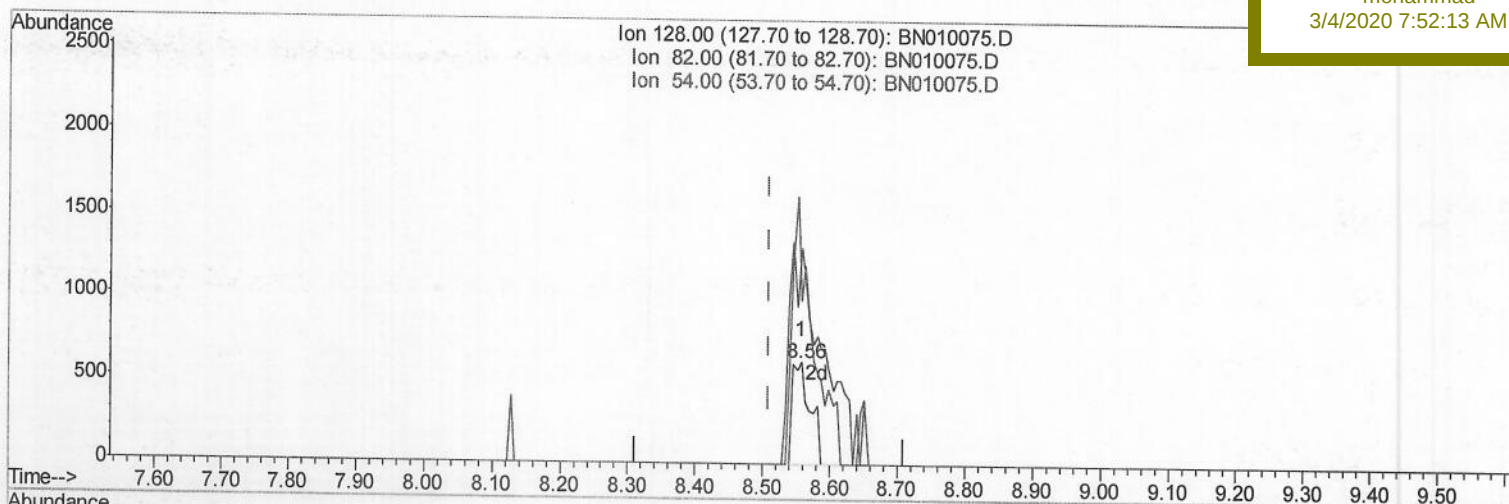
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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3/4/2020 7:52:13 AM



(19) Nitrobenzene-d5 (S)

8.558min (+0.047) 0.84ng/ul m

response 1094

Ion	Exp%	Act%
128.00	100	100
82.00	271.60	214.45#
54.00	200.30	160.76
0.00	0.00	0.00

75009/05/20

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

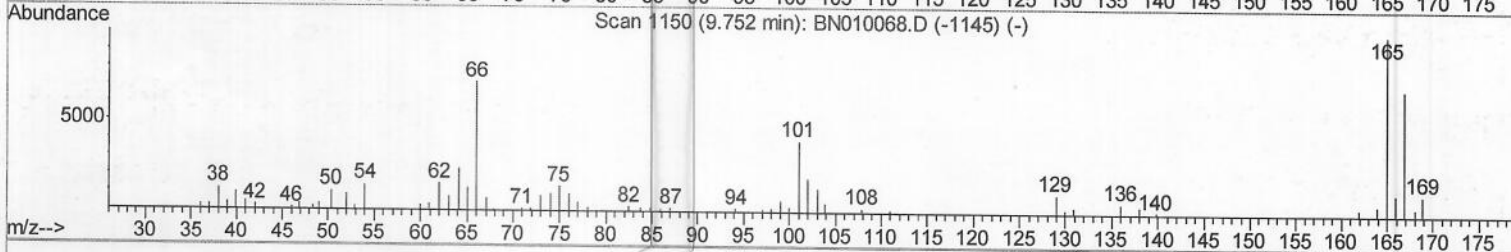
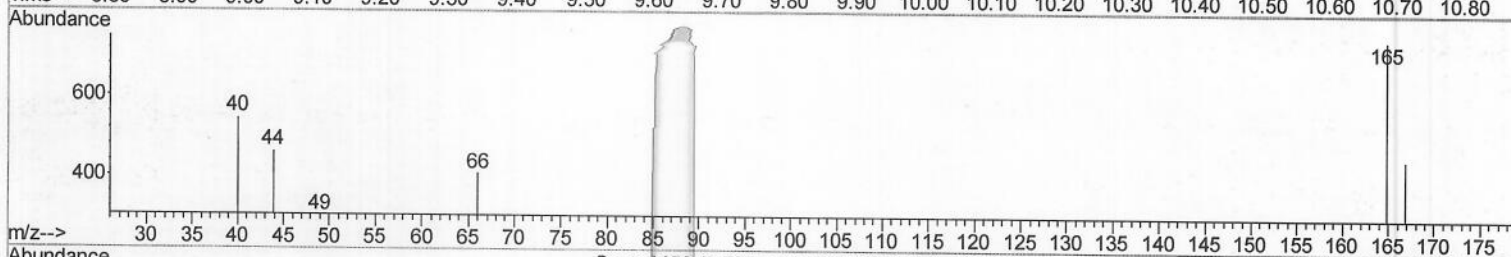
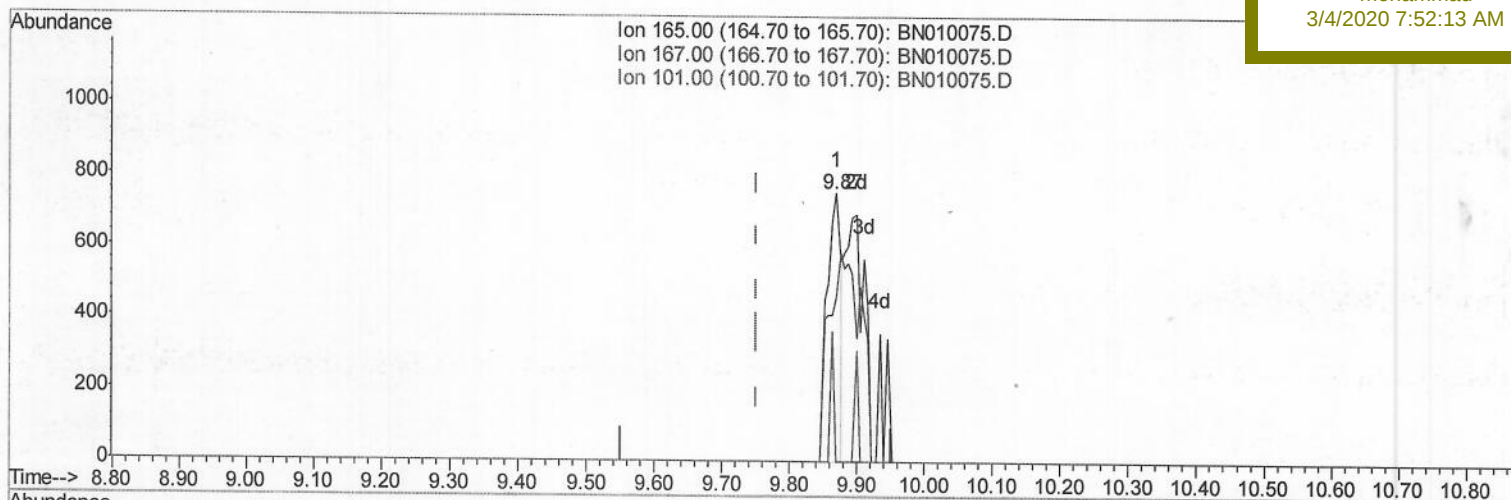
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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TIC: BN010075.D

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

9.869min (+0.118) 0.38ng/ul

response 1034

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	60.37
101.00	36.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

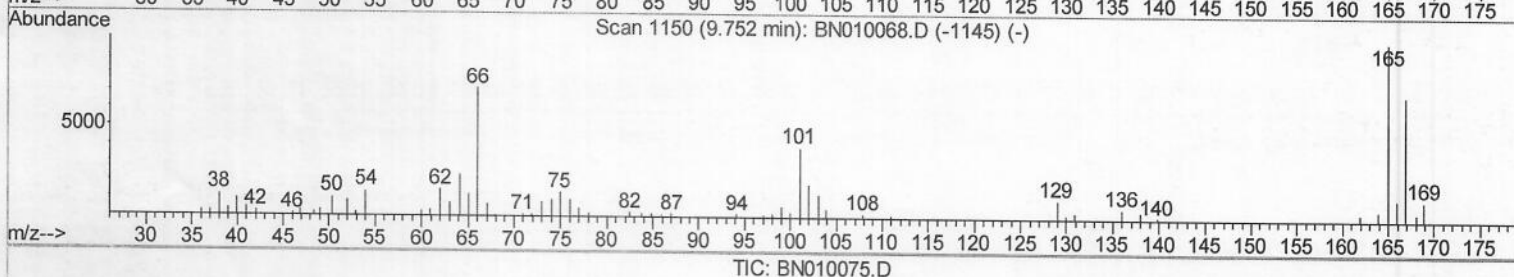
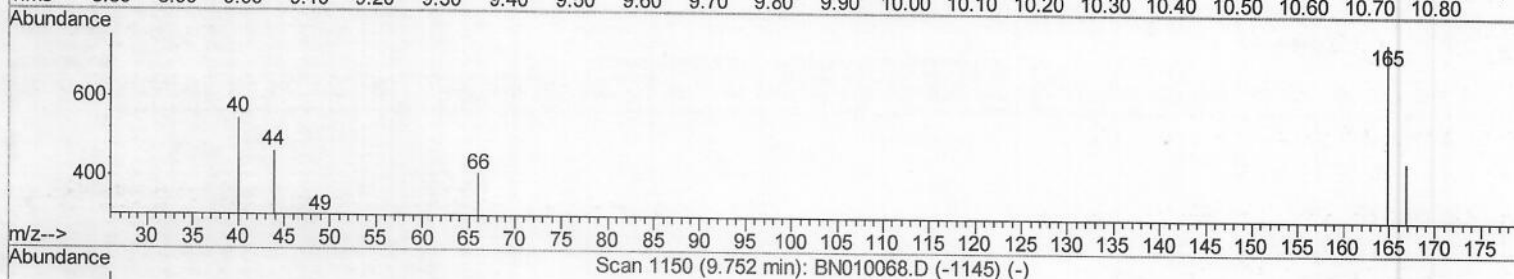
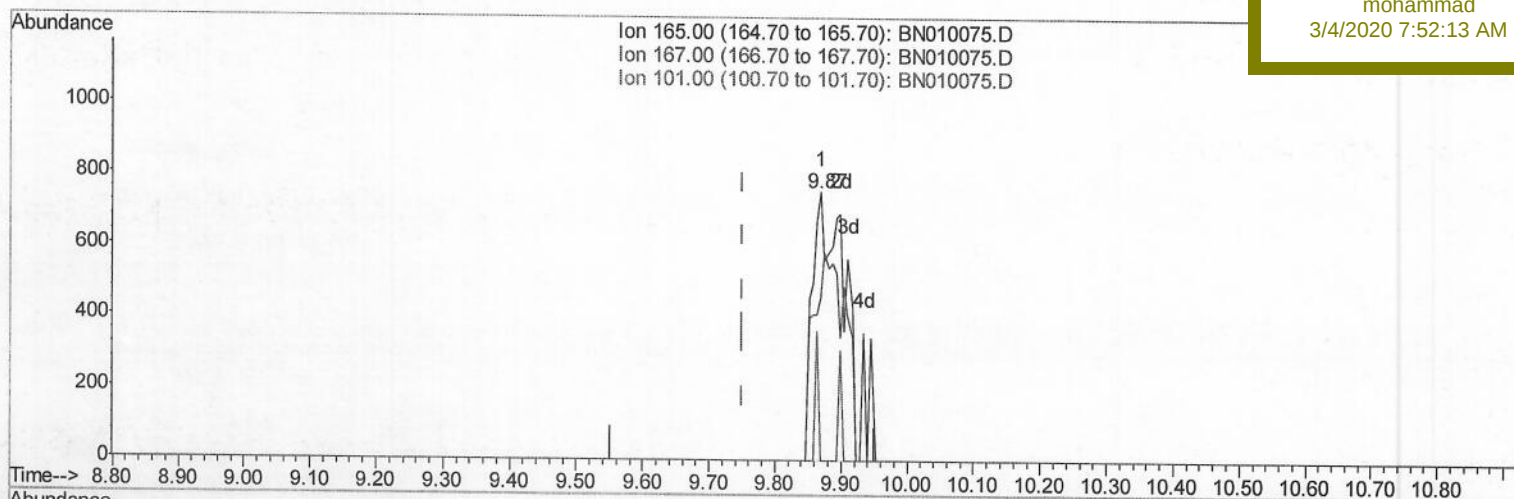
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

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

9.869min (+0.118) 0.88ng/ul m

25003105/20

response 2411

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	60.37
101.00	36.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

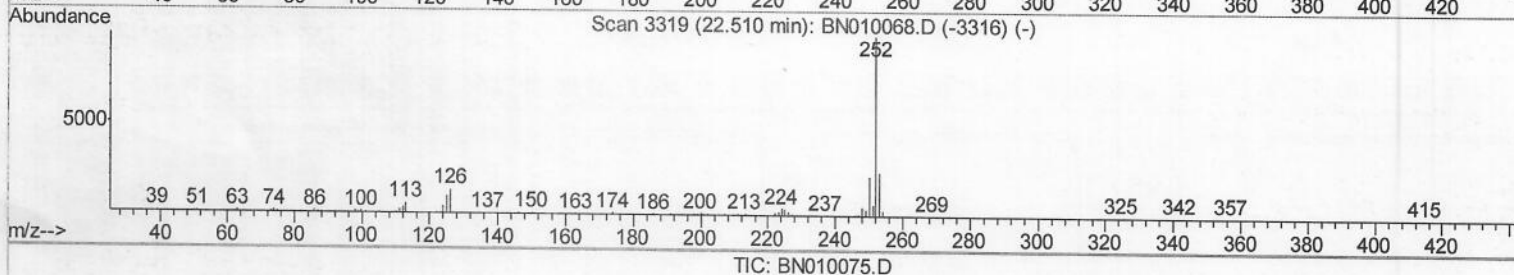
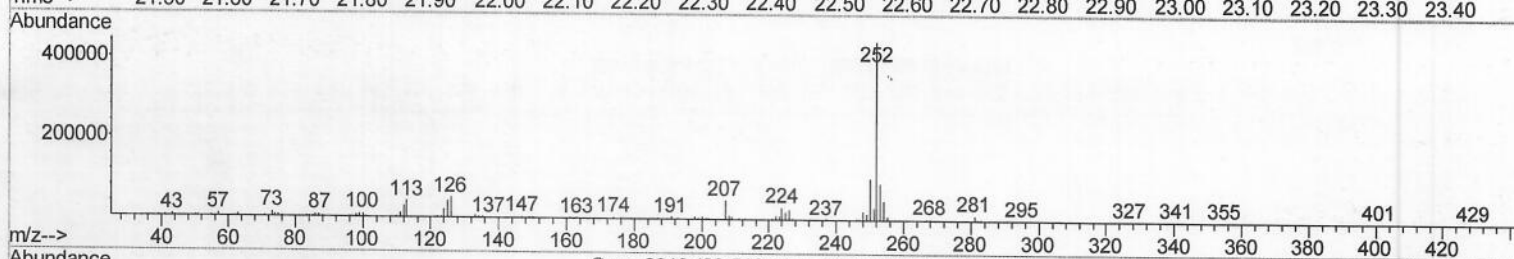
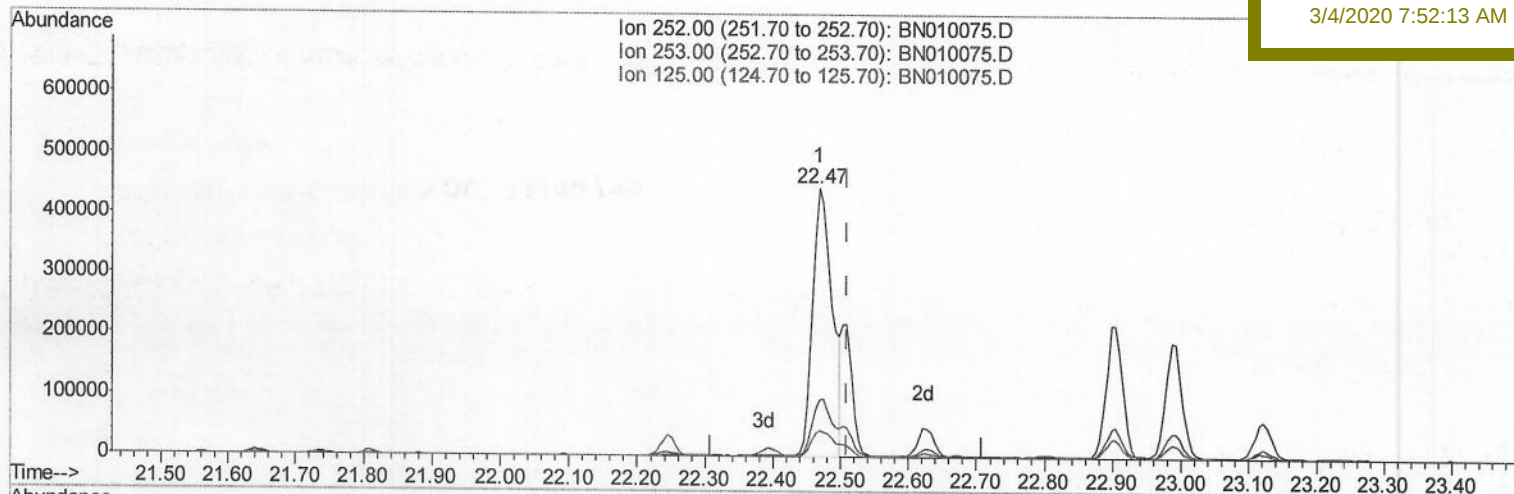
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
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Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
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(89) Benzo(k)fluoranthene

22.469min (-0.041) 33.76ng/ul

response 896645

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	20.94
125.00	10.20	9.69
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Qedit)

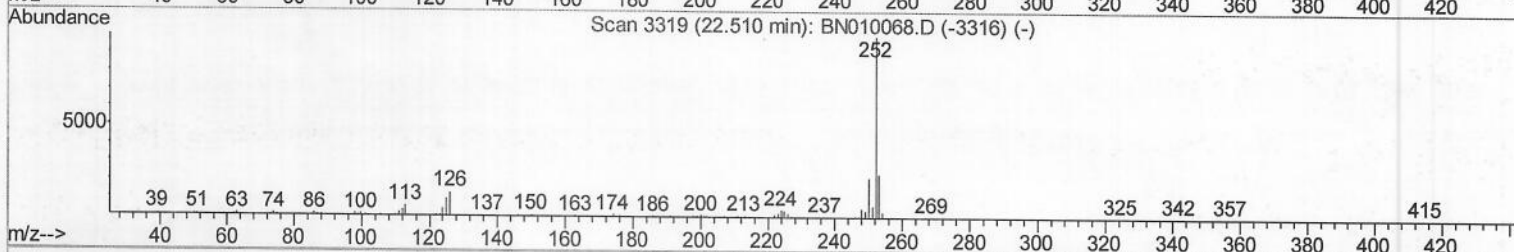
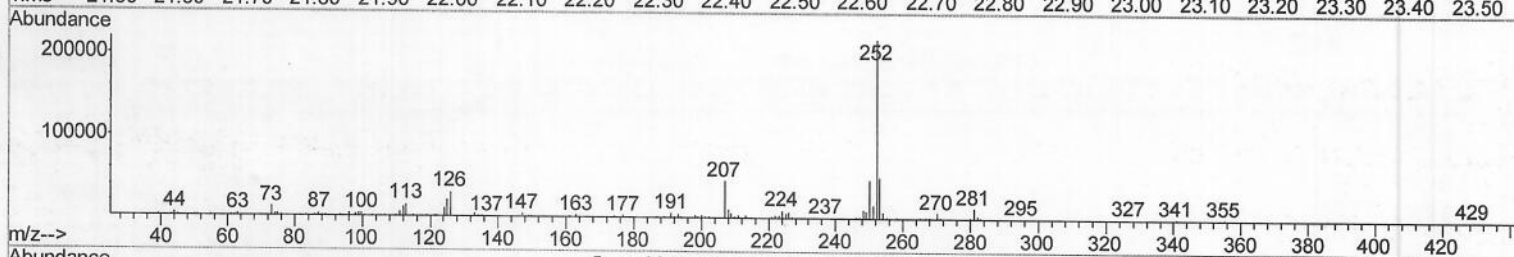
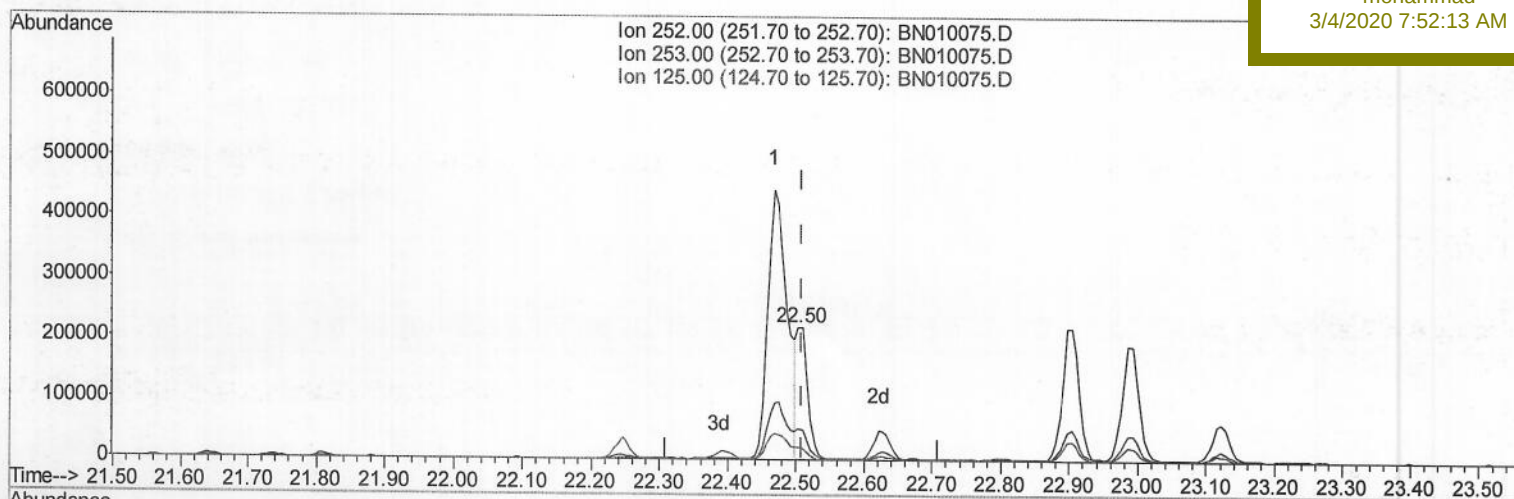
Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Manual Integrations
APPROVED

mohammad
3/4/2020 7:52:13 AM



TIC: BN010075.D

(89) Benzo(k)fluoranthene

22.504min (-0.006) 8.83ng/ul m

response 234453

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.22
125.00	10.20	9.59
0.00	0.00	0.00

> JU 03/05/20

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

Quantitation Report (QT Reviewed)

Data File : BN010075.D

Acq On : 03 Mar 2020 23:22

Operator : CG/JU

Sample : L1619-04DL 10X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 04 02:06:45 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Mar 04 01:30:16 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

DBDT8DL

Manual Integrations

APPROVED

mohammad

3/4/2020 7:52:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	53222	20.00	ng/ul	0.01
18) Naphthalene-d8	10.12	136	177746	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.00	164	141722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	328813	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	366884	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	432559	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	3571m	0.79	ng/ul	0.05
7) Bis-(2-Chloroethyl) ether-d	6.75	67	3381m	1.08	ng/ul	0.03
9) 2-Chlorophenol-d4	6.94	132	3205m	0.94	ng/ul	0.04
13) 4-Methylphenol-d8	8.14	113	1701m	0.47	ng/ul	0.06
19) Nitrobenzene-d5	8.56	128	1094m	0.84	ng/ul	0.05
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.87	165	2411m	0.88	ng/ul	0.12
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	16226	1.53	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	16062	1.29	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	14393	1.57	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.86	188	22249	1.48	ng/ul	0.00
79) Pyrene-d10	19.17	212	26782	1.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	35698	1.65	ng/ul	0.00

Target Compounds

						Qvalue
48) Acenaphthylene	13.73	152	17113	1.268	ng/ul	96
59) Fluorene	15.08	166	16329	1.499	ng/ul	98
70) Phenanthrene	16.81	178	49477	2.637	ng/ul	98
72) Anthracene	16.90	178	615846	32.103	ng/ul	99
75) Carbazole	17.19	167	97853	5.792	ng/ul	97
77) Fluoranthene	18.84	202	81335	3.700	ng/ul	99
80) Pyrene	19.20	202	120388	4.551	ng/ul	95
83) Benzo(a)anthracene	20.97	228	193580	7.678	ng/ul	98
85) Chrysene	21.02	228	152458	6.142	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	896645	31.971	ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	234453m	8.829	ng/ul	
91) Benzo(a)pyrene	22.99	252	317054	12.569	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.11	276	209737	7.003	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.10	278	61685	2.408	ng/ul#	84
94) Benzo(g,h,i)perylene	25.72	276	124907	4.974	ng/ul	99

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