

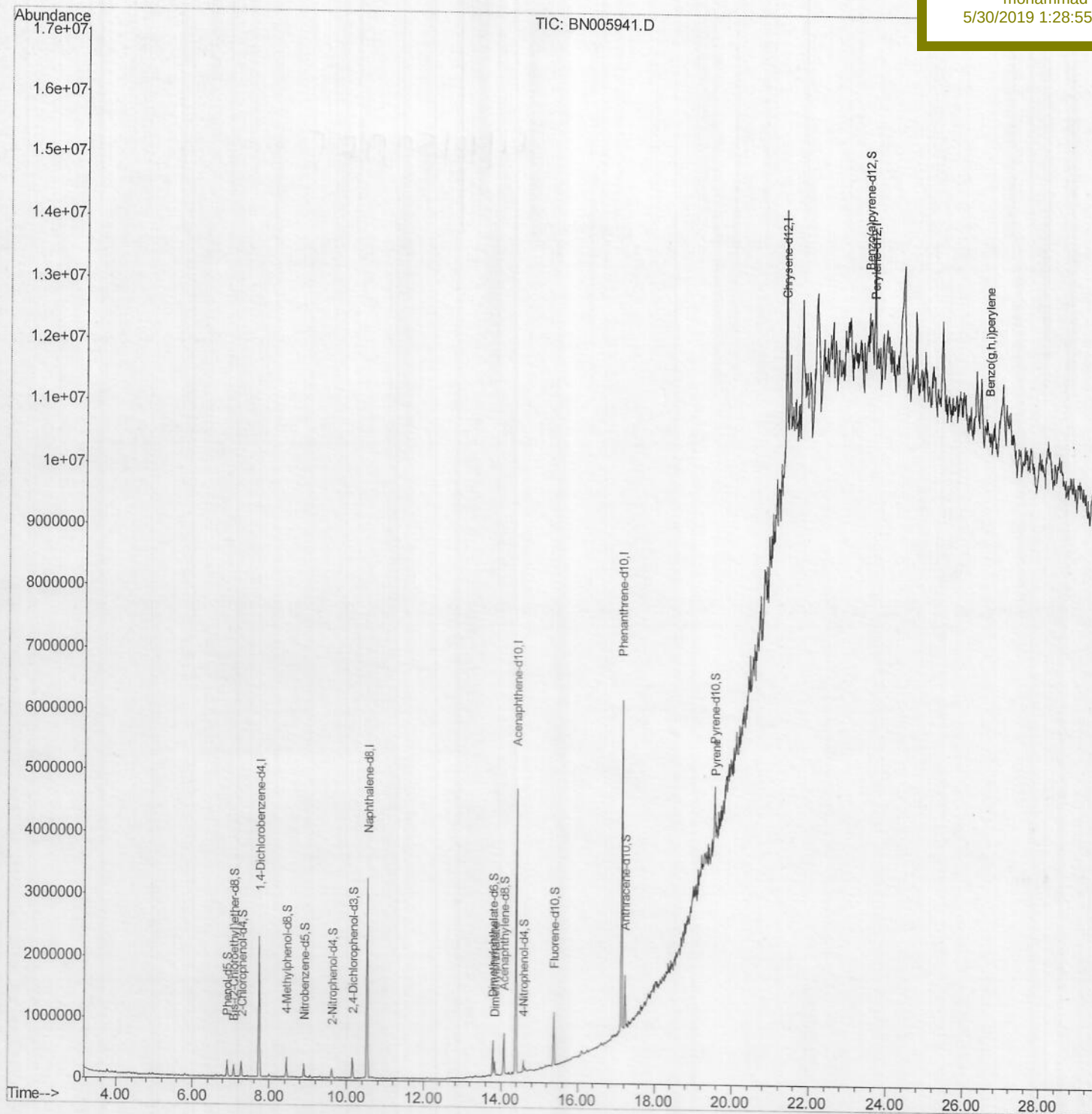
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005941.D
Acq On : 29 May 2019 21:24
Operator : JU/SJ
Sample : K2924-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 06:49:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4265DL

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:55 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005941.D

Acq On : 29 May 2019 21:24

Operator : JU/SJ

Sample : K2924-04DL 5X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 05:01:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

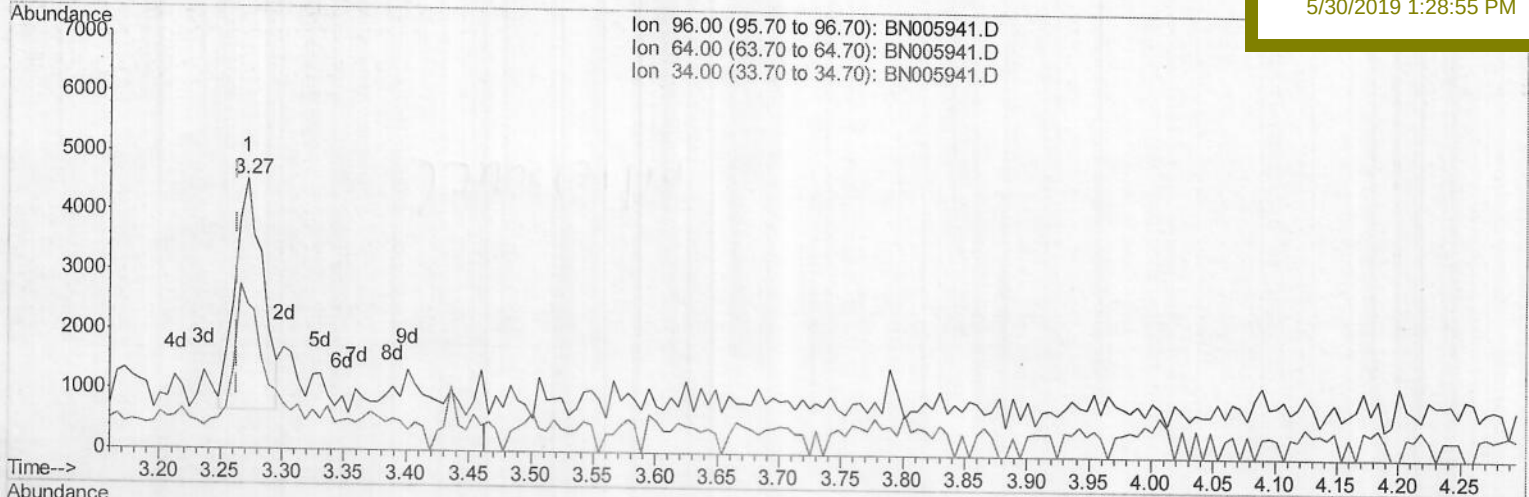
A4265DL

Manual Integrations

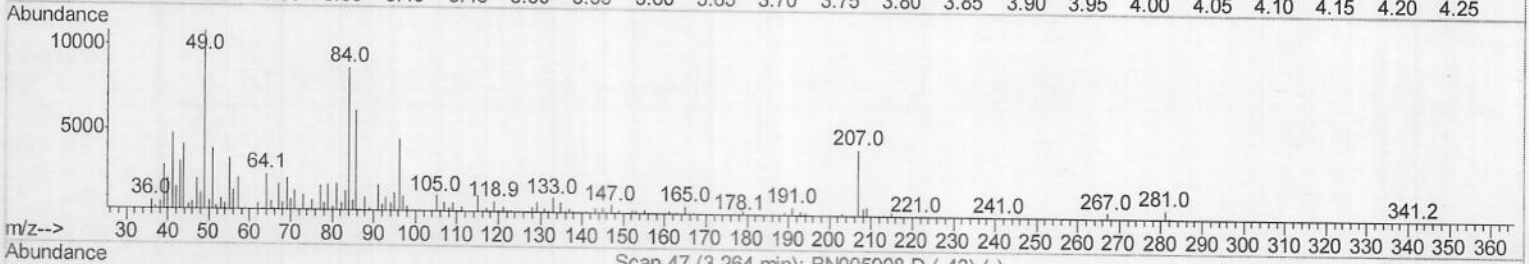
APPROVED

mohammad

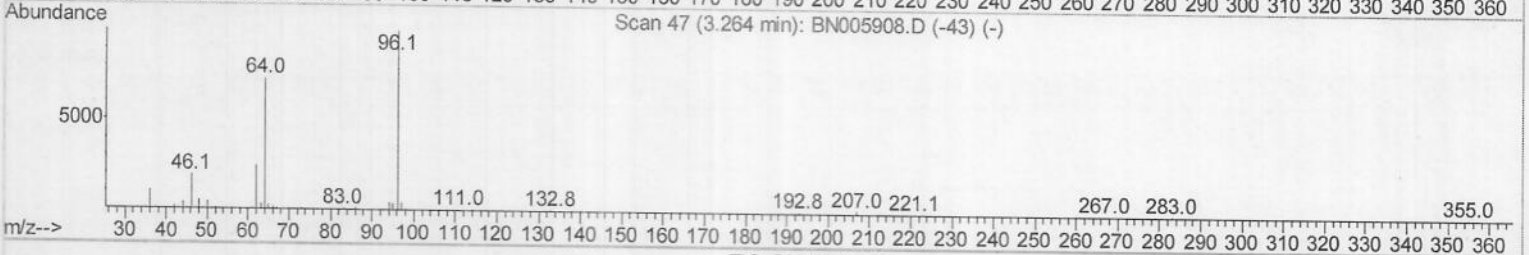
5/30/2019 1:28:55 PM



Ion 96.00 (95.70 to 96.70): BN005941.D
Ion 64.00 (63.70 to 64.70): BN005941.D
Ion 34.00 (33.70 to 34.70): BN005941.D



Scan 47 (3.264 min): BN005908.D (-43) (-)



TIC: BN005941.D

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

3.272min (+0.008) 0.45ng/uL

response 6156

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	53.24#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005941.D

Acq On : 29 May 2019 21:24

Operator : JU/SJ

Sample : K2924-04DL 5X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 05:01:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

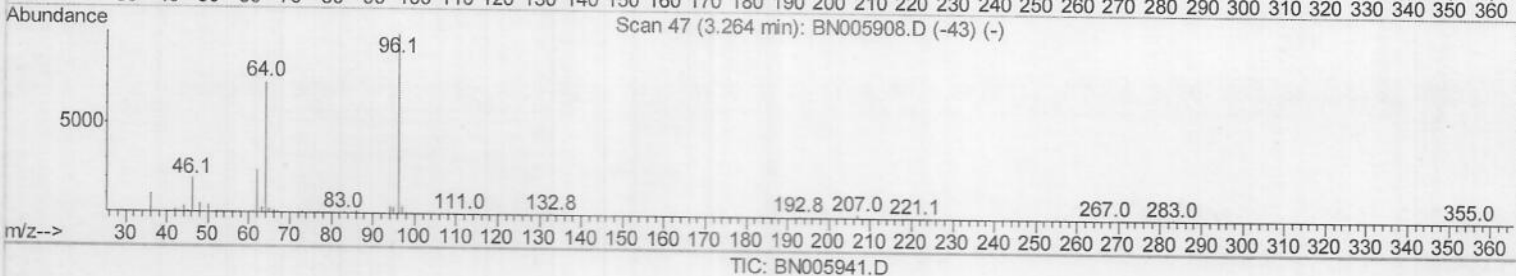
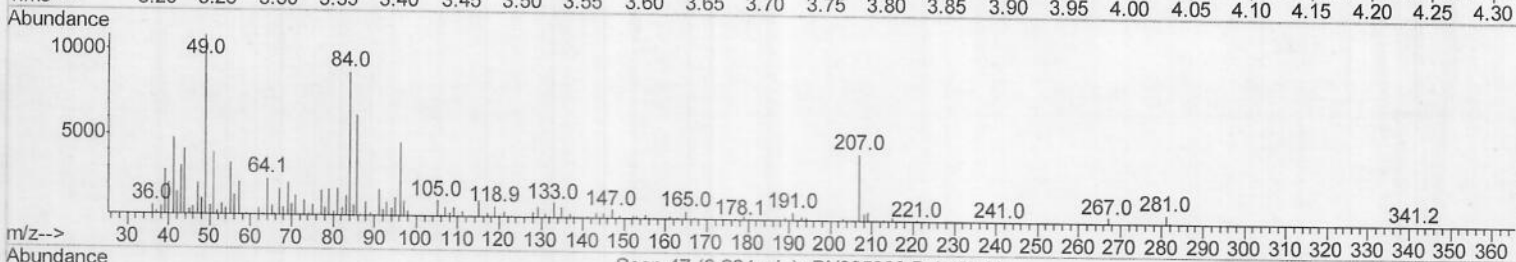
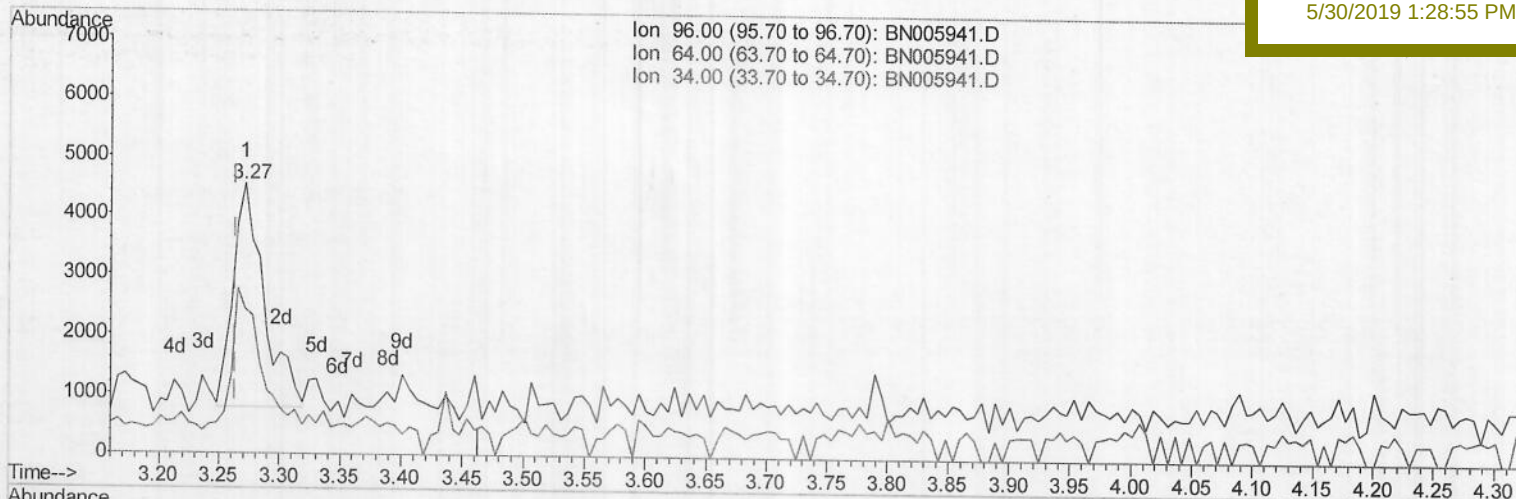
A4265DL

Manual Integrations

APPROVED

mohammad

5/30/2019 1:28:55 PM



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

3.272min (+0.008) 0.48ng/uL m

JU06/05/19

response 6534

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	53.24#
34.00	0.00	0.00
0.00	0.00	0.00

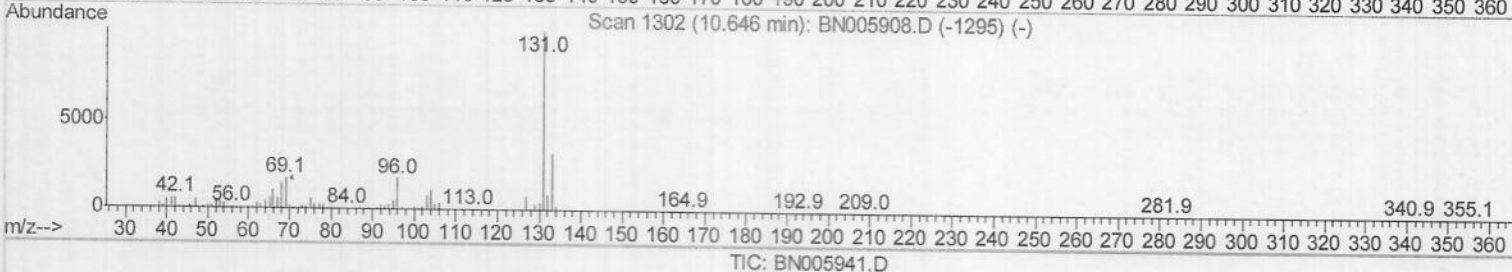
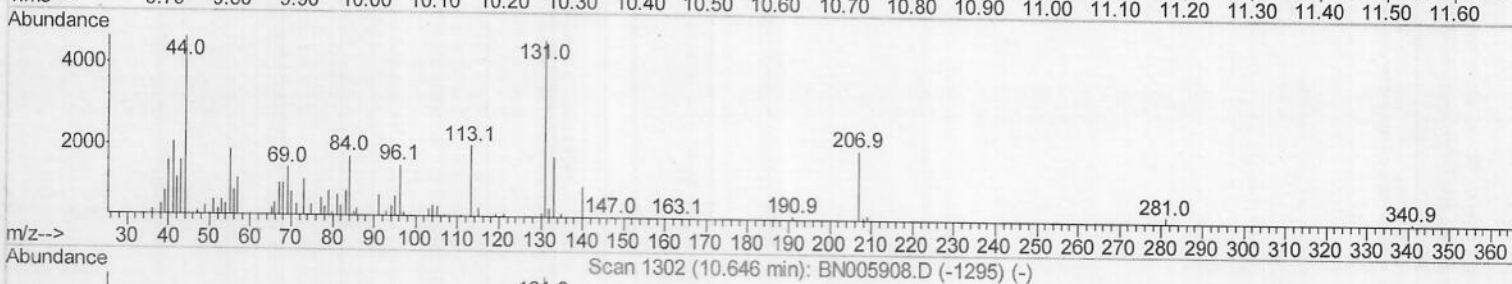
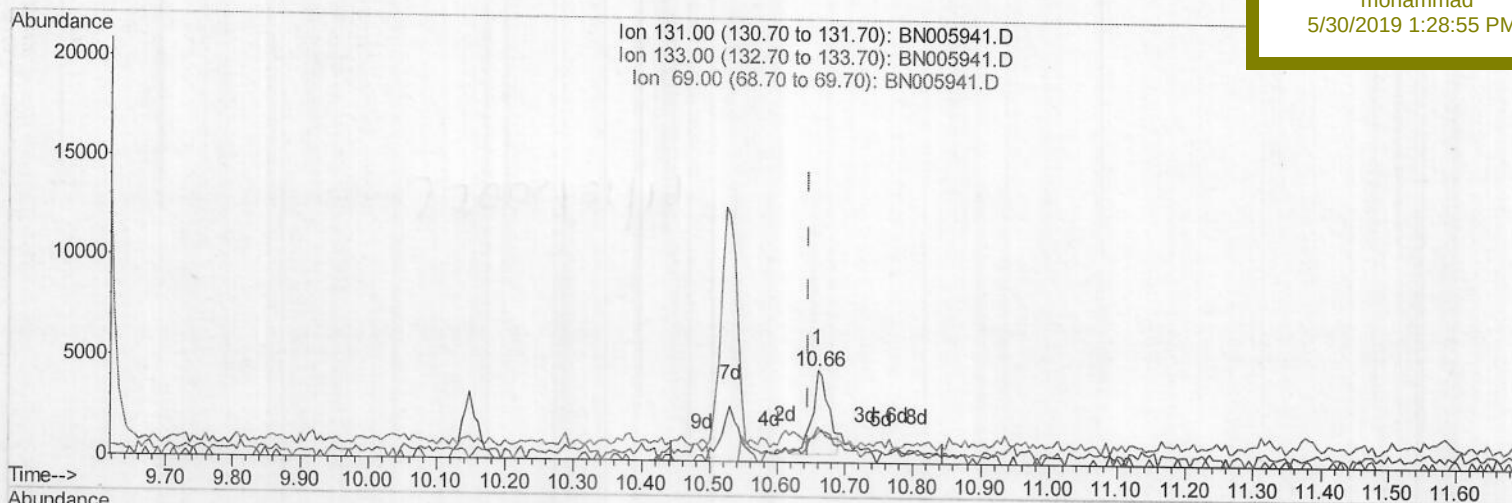
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005941.D
Acq On : 29 May 2019 21:24
Operator : JU/SJ
Sample : K2924-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 05:01:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4265DL

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:55 PM



(29) 4-Chloroaniline-d4 (S)

10.659min (+0.014) 0.14ng/ul

response 7050

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	38.18
69.00	18.90	31.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005941.D

Acq On : 29 May 2019 21:24

Operator : JU/SJ

Sample : K2924-04DL 5X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 05:01:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

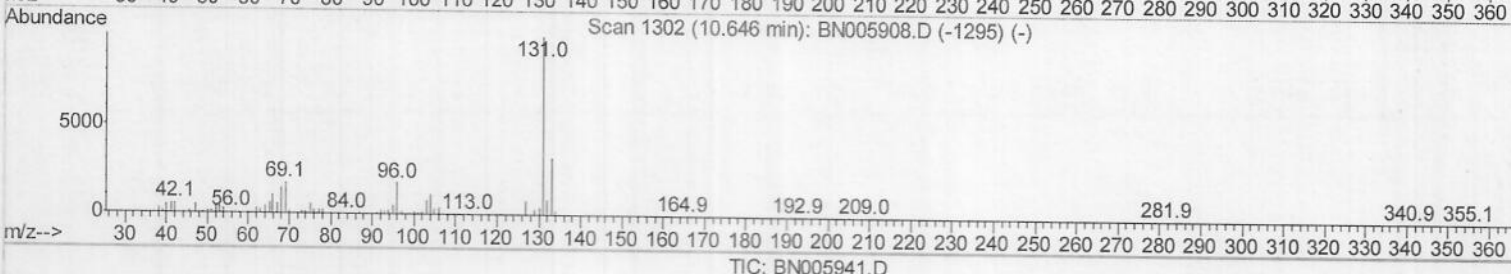
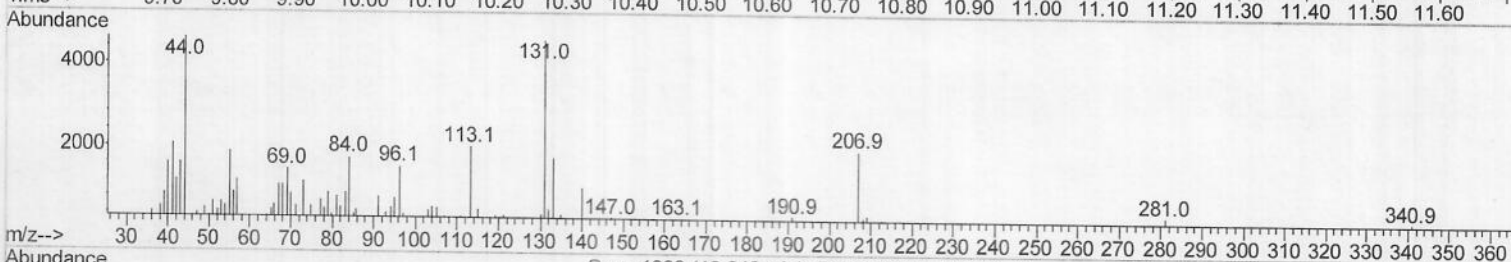
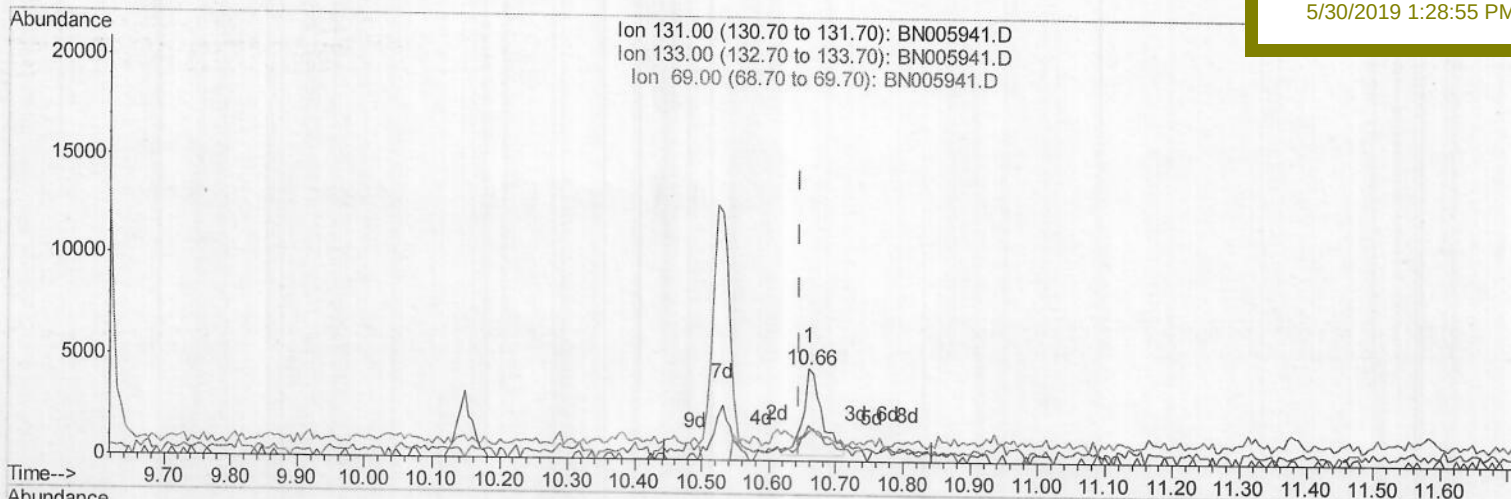
A4265DL

Manual Integrations

APPROVED

mohammad

5/30/2019 1:28:55 PM



(29) 4-Chloroaniline-d4 (S)

10.659min (+0.014) 0.17ng/ul m JU06105119

response 8629

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	38.18
69.00	18.90	31.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005941.D

Acq On : 29 May 2019 21:24

Operator : JU/SJ

Sample : K2924-04DL 5X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 05:01:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

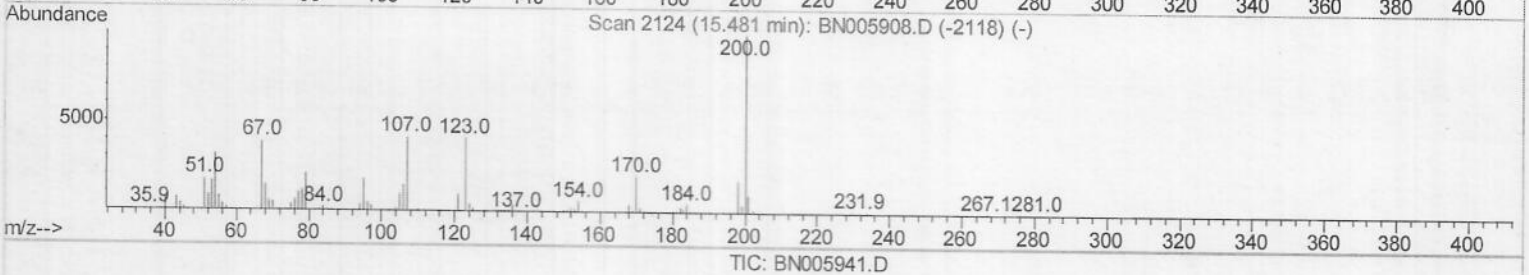
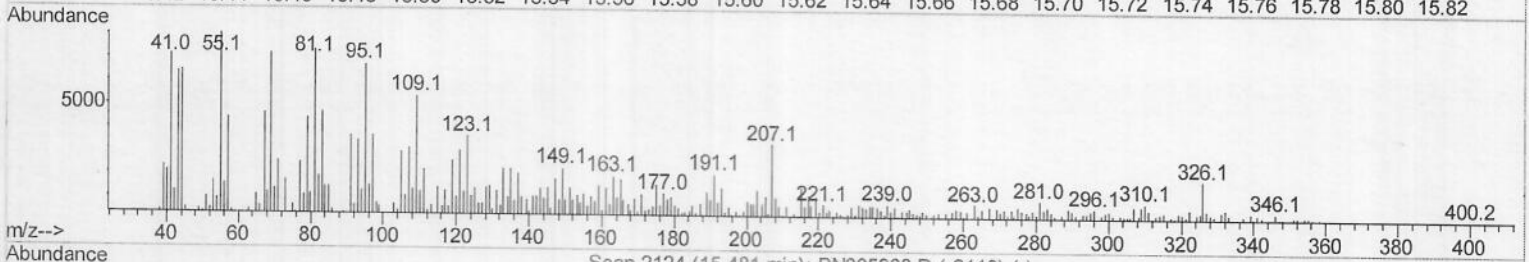
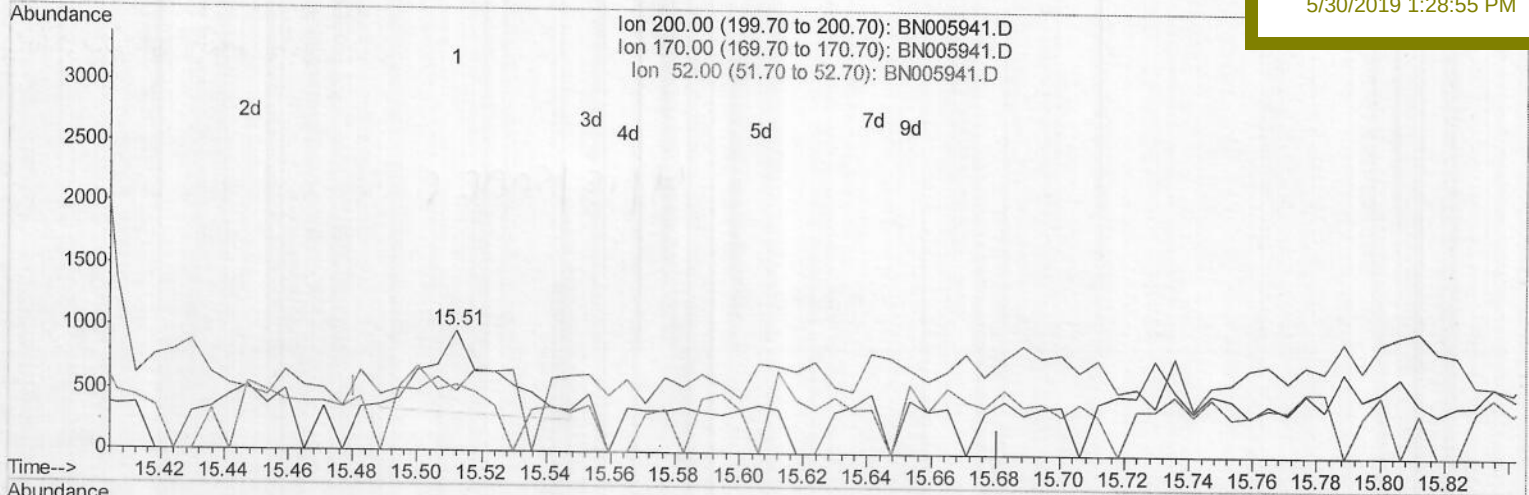
A4265DL

Manual Integrations

APPROVED

mohammad

5/30/2019 1:28:55 PM



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

15.512min (+0.031) 0.08ng/ul

response 979

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	50.62#
52.00	49.60	55.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005941.D

Acq On : 29 May 2019 21:24

Operator : JU/SJ

Sample : K2924-04DL 5X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 05:01:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

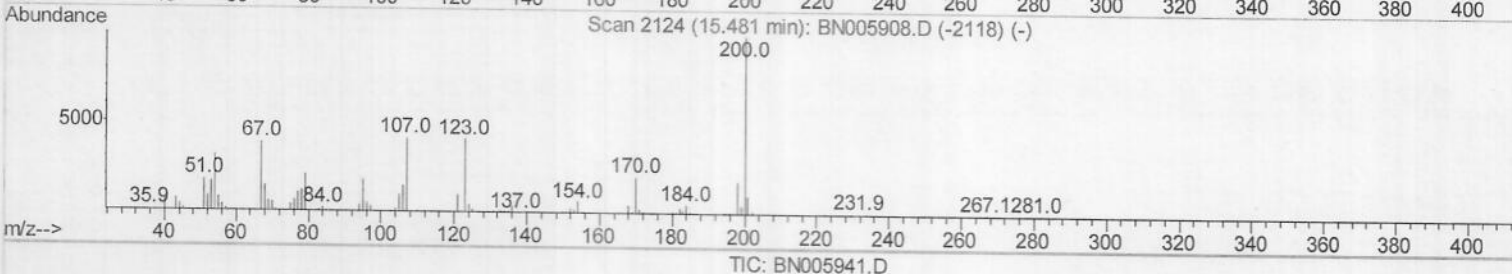
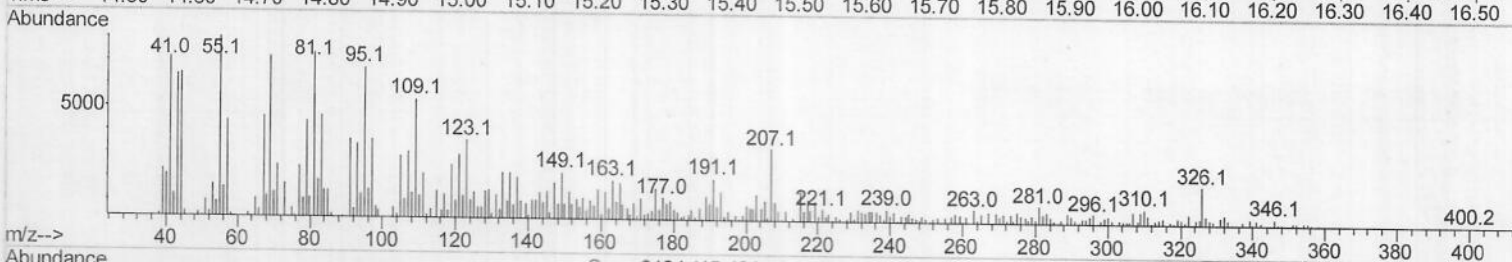
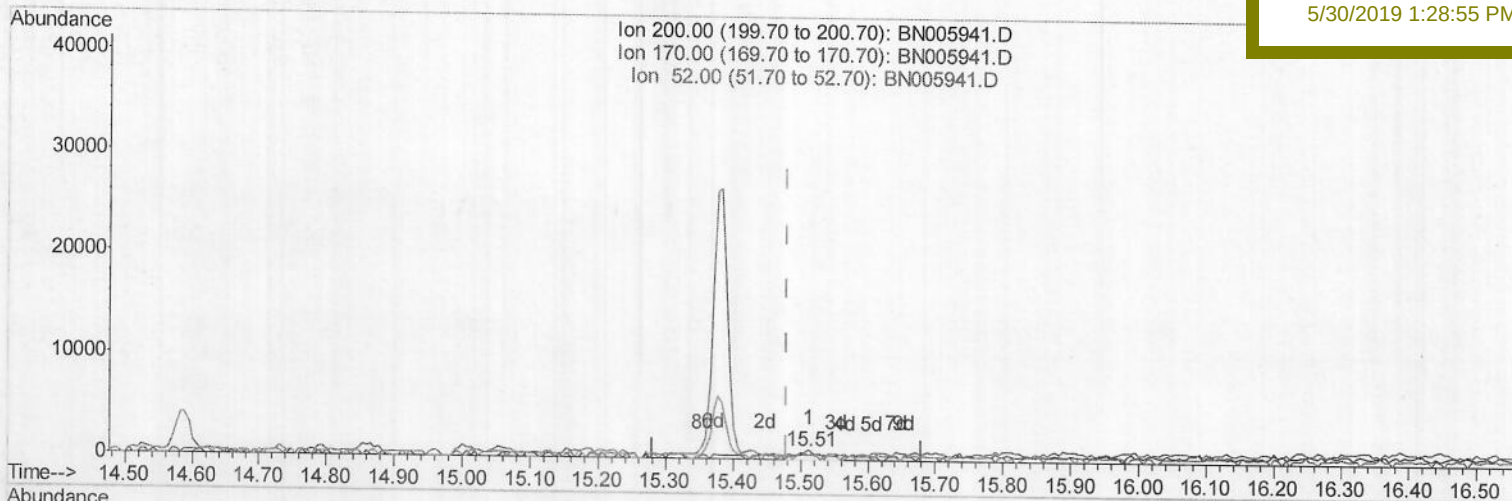
A4265DL

Manual Integrations

APPROVED

mohammad

5/30/2019 1:28:55 PM



TIC: BN005941.D

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

15.512min (+0.031) 0.19ng/ul m) J U 06 105/19

response 2451

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	50.62#
52.00	49.60	55.18
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
 Data File : BN005941.D
 Acq On : 29 May 2019 21:24
 Operator : JU/SJ
 Sample : K2924-04DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 30 06:49:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sample ID :
 A4265DL

Manual Integrations
 APPROVED

mohammad
 5/30/2019 1:28:55 PM

Internal Standards	R.T.	Q Ion	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	598283	20.00	ng/ul	0.01
18) Naphthalene-d8	10.53	136	2679399	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.39	164	1532178	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	3104455	20.00	ng/ul	0.02
77) Chrysene-d12	21.35	240	1982032	20.00	ng/ul	0.02
85) Perylene-d12	23.64	264	2041561	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	6534m	0.48	ng/uL	0.00
5) Phenol-d5	6.91	99	155867	2.94	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.08	67	84776	2.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	121608	3.01	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	117921	2.75	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	58064	3.38	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	45904	2.87	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	117785	3.11	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	8629m	0.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	358084	3.17	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	477107	3.38	ng/ul	0.02
51) 4-Nitrophenol-d4	14.58	143	46462	2.26	ng/ul	0.02
57) Fluorene-d10	15.38	176	335147	3.54	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	2451m	0.19	ng/ul	0.03
70) Anthracene-d10	17.24	188	471432	3.57	ng/ul	0.02
78) Pyrene-d10	19.54	212	400950	4.01	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	309034	3.39	ng/ul	0.03

Target Compounds

				Ovalue	
44) Dimethylphthalate	13.84	163	136513	1.209	ng/ul 99
79) Pyrene	19.57	202	135429	1.079	ng/ul# 94
93) Benzo(a,h,i)perylene	26.64	276	115299	1.079	ng/ul# 31

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

JU06/05/19