

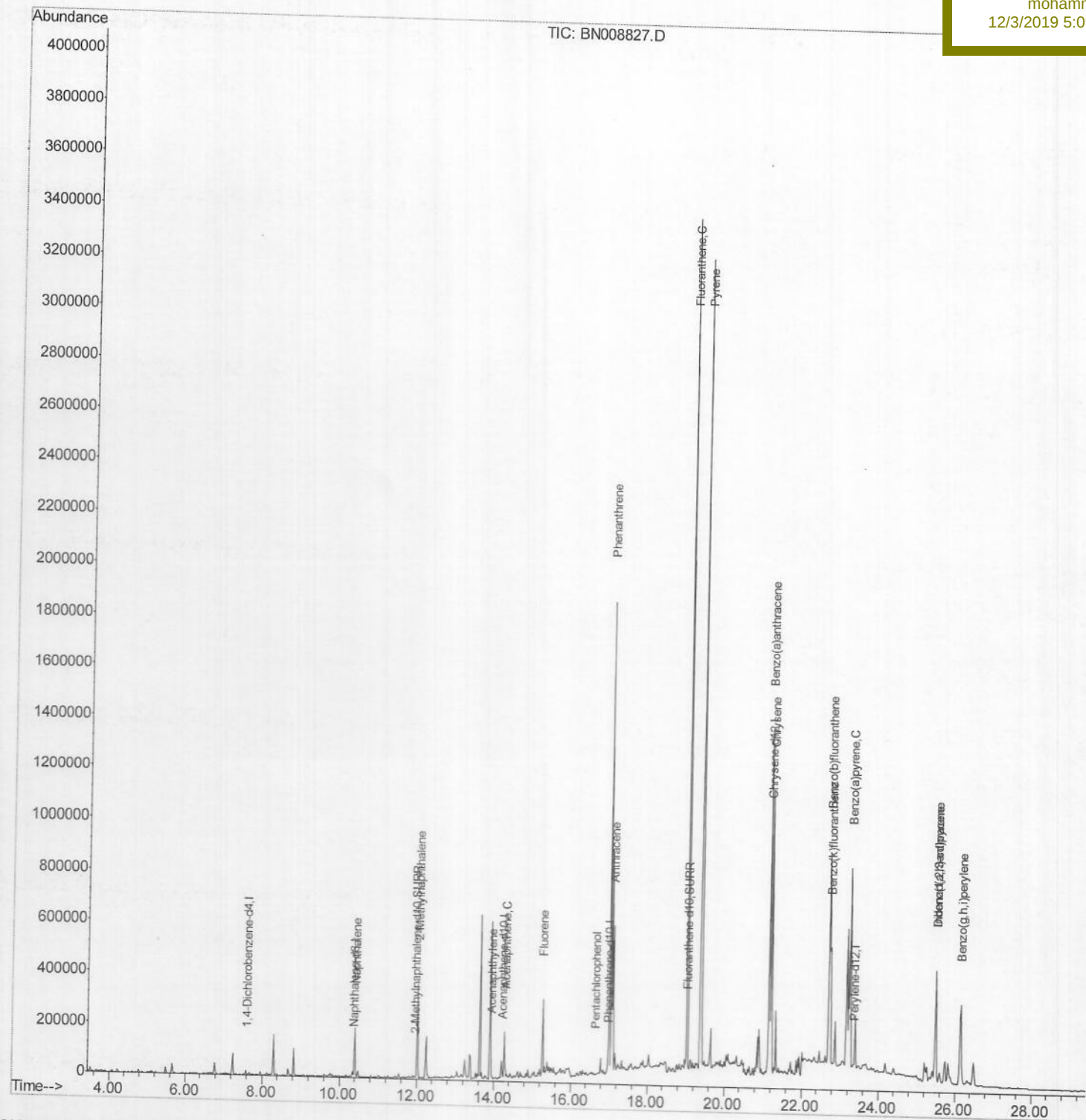
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120319\
Data File : BN008827.D
Acq On : 03 Dec 2019 12:20
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 03 14:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

mohammad
12/3/2019 5:09:53 PM



Quantitation Report (Qedit)

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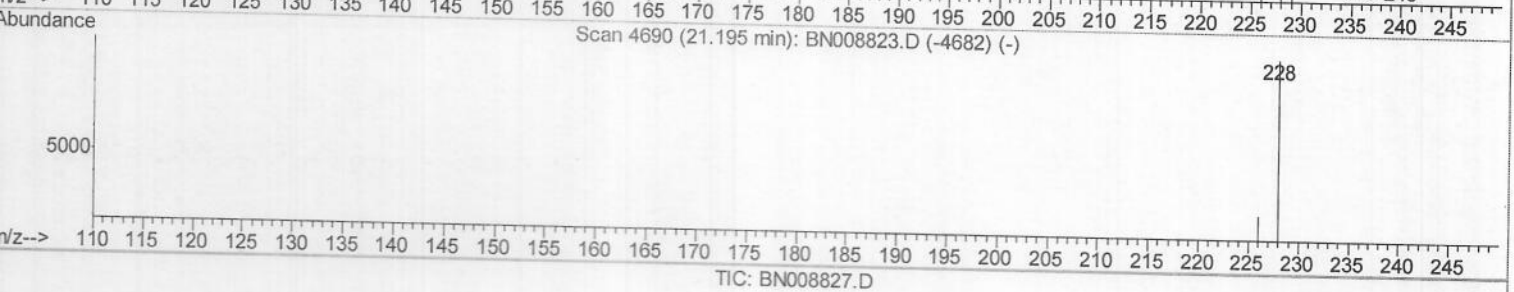
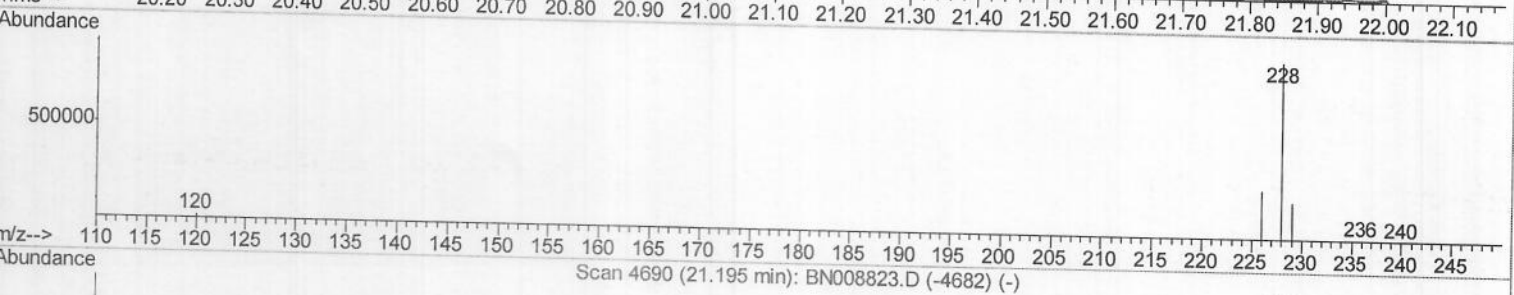
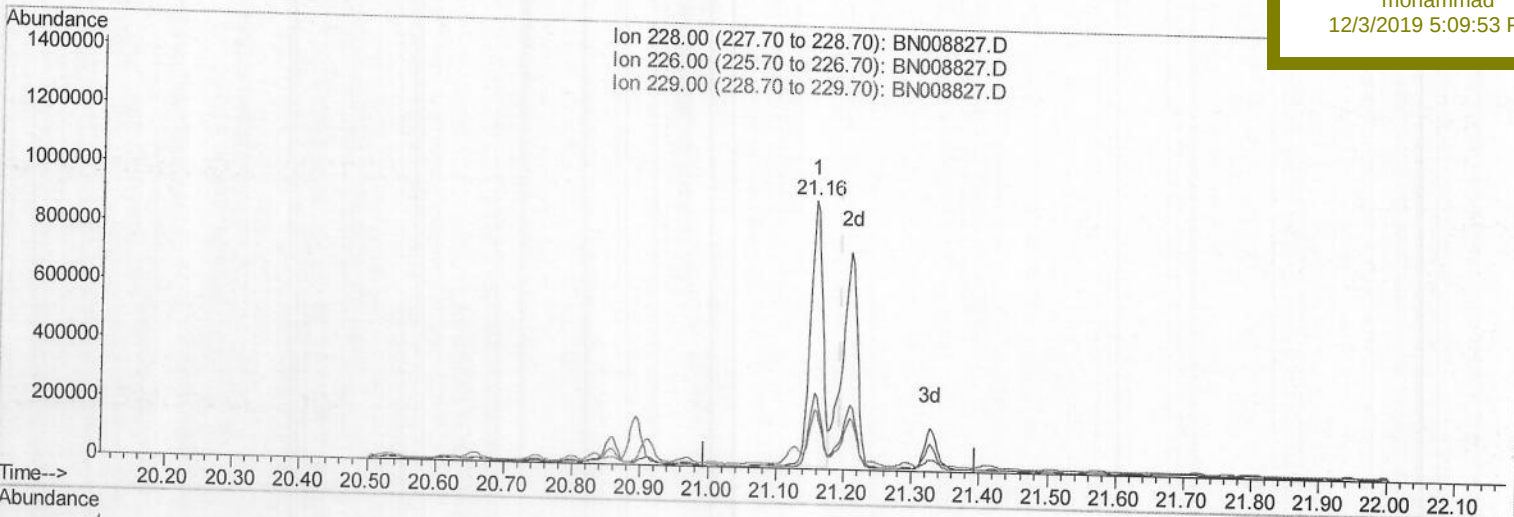
Quant Time: Dec 03 14:31:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 03 11:01:18 2019

Response via : Initial Calibration



(19) Chrysene

21.157min (-0.038) 22.44ng/ul

response 1141450

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	28.01
229.00	19.50	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

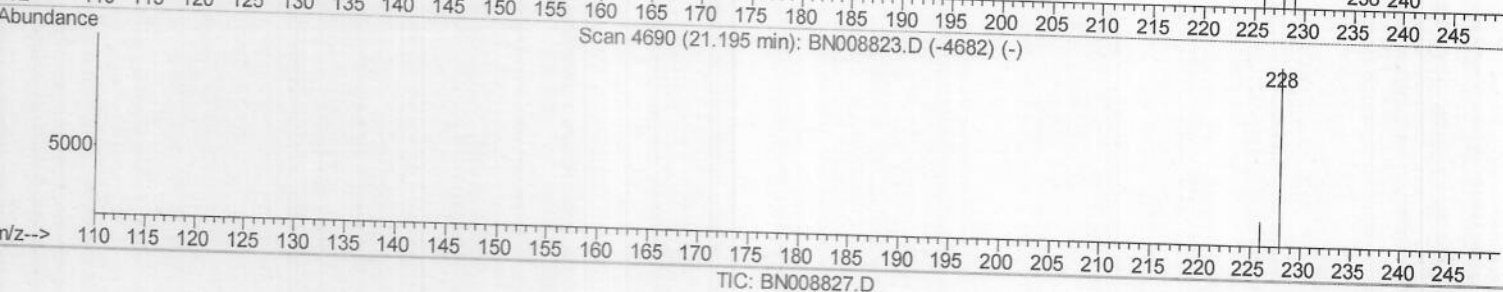
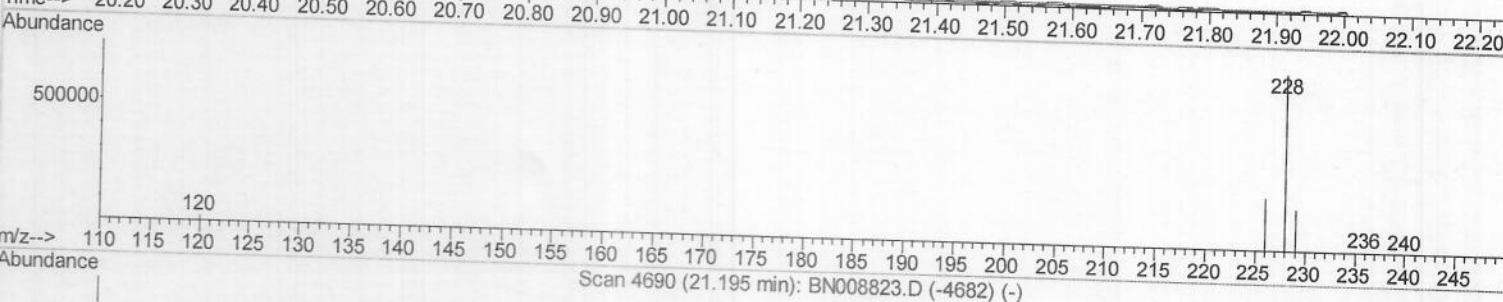
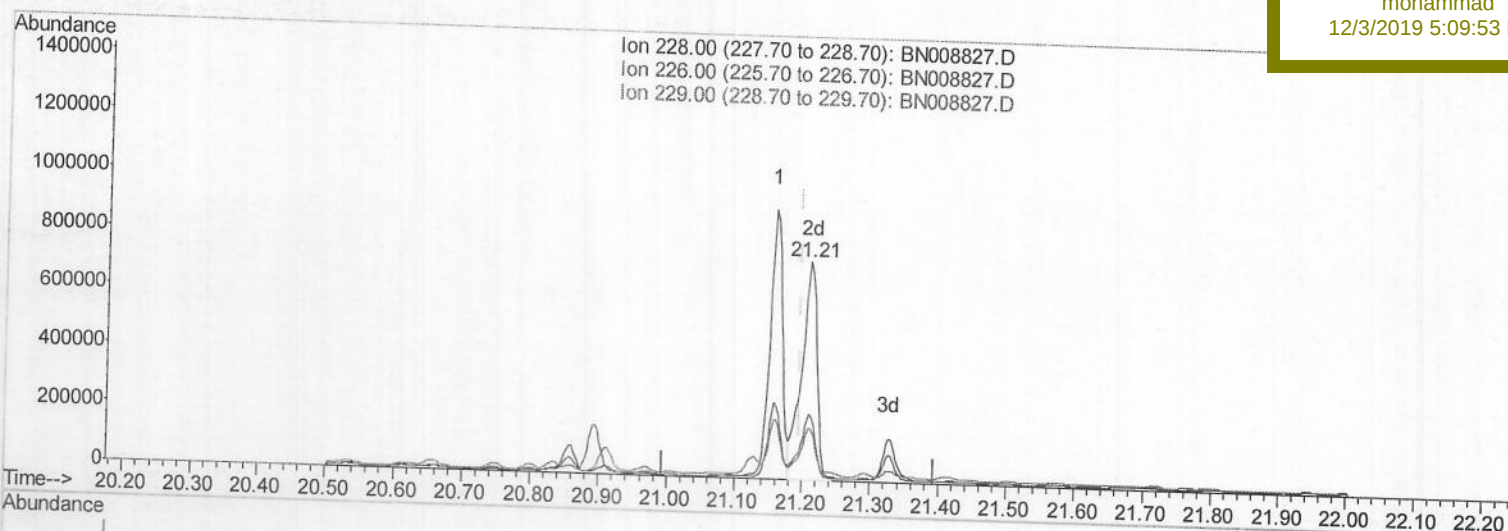
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 C0AC3

Manual Integrations
 APPROVED

mohammad
 12/3/2019 5:09:53 PM



(19) Chrysene

21.210min (+0.015) 23.14ng/ul m

response 1176997

Ion Exp% Act%

228.00 100 100

226.00 29.70 29.72

229.00 19.50 23.69#

0.00 0.00 0.00

JU
 12/3/19

Quantitation Report (Qedit)

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 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AC3

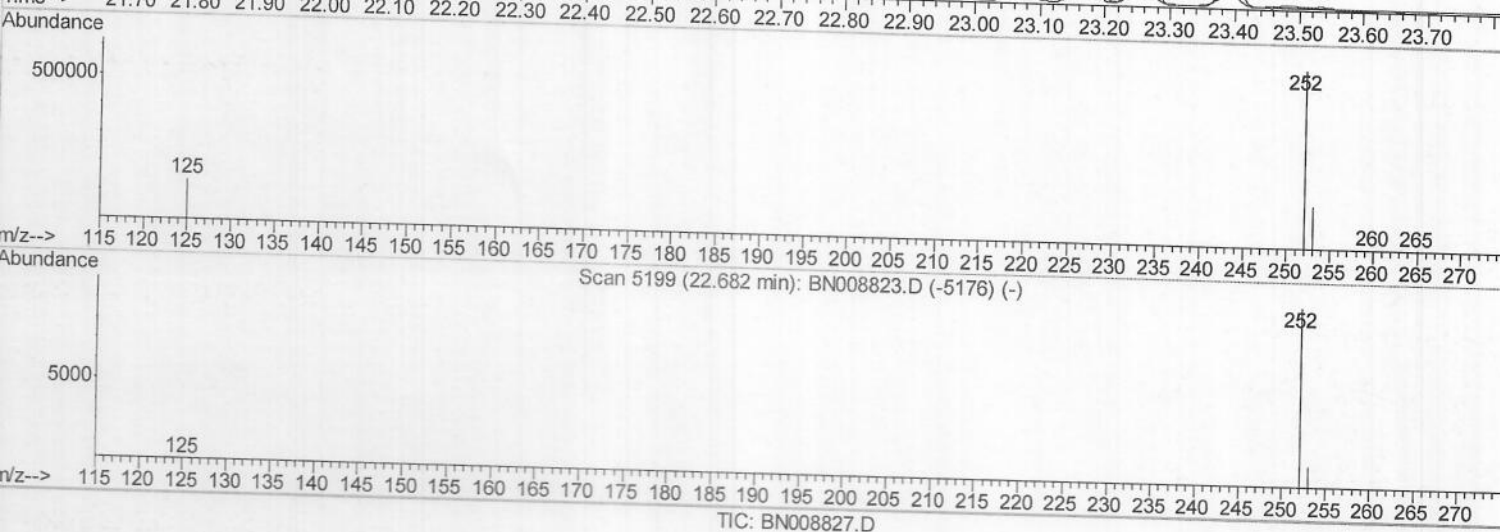
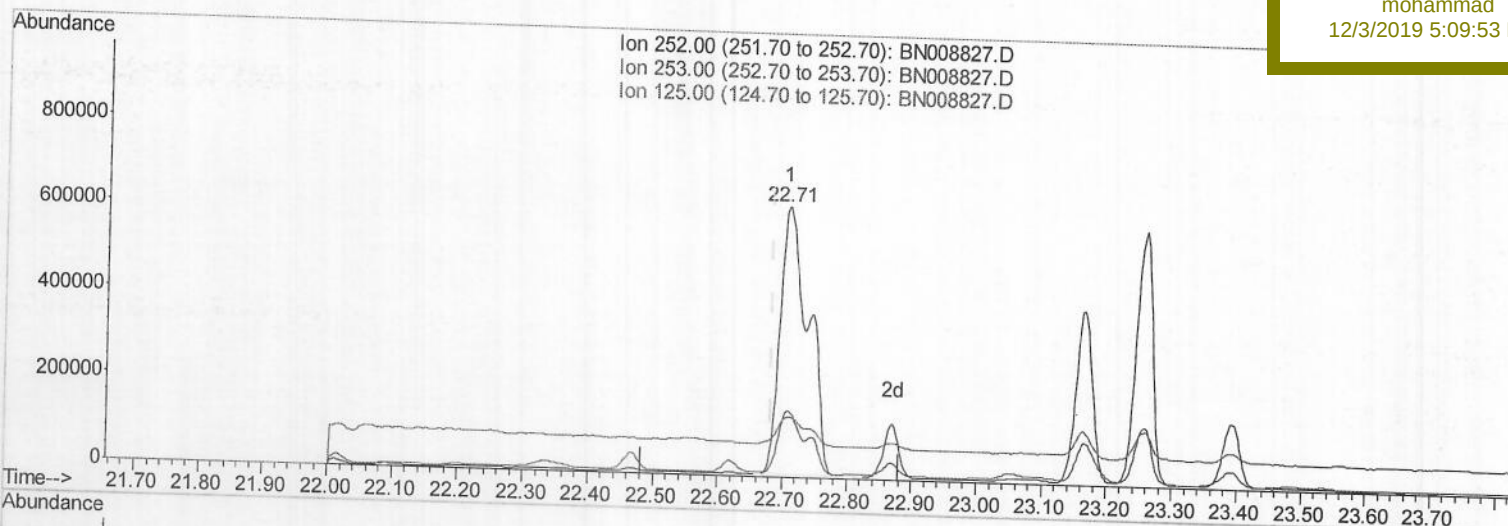
Manual Integrations

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(21) Benzo(b)fluoranthene

22.706min (+0.023) 31.07ng/ul

response 1874620

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.49
125.00	15.80	22.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Acq On : 03 Dec 2019 12:20
 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AC3

Quant Time: Dec 03 14:31:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M

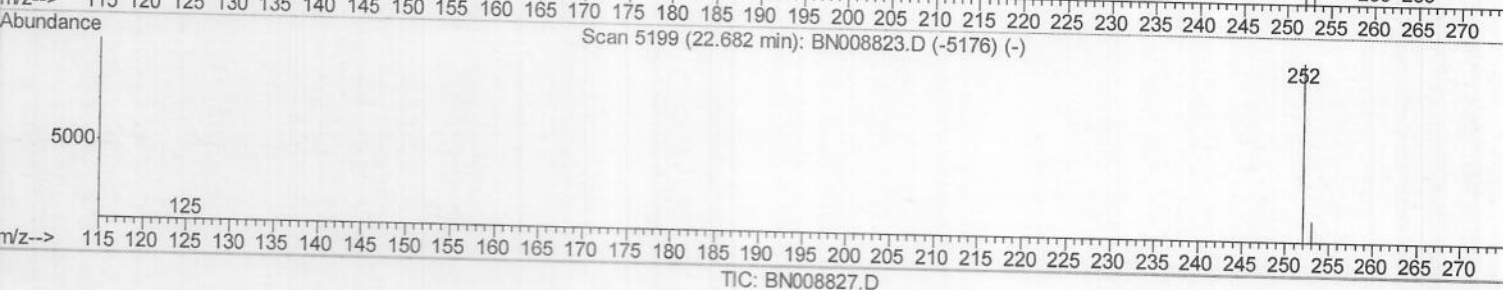
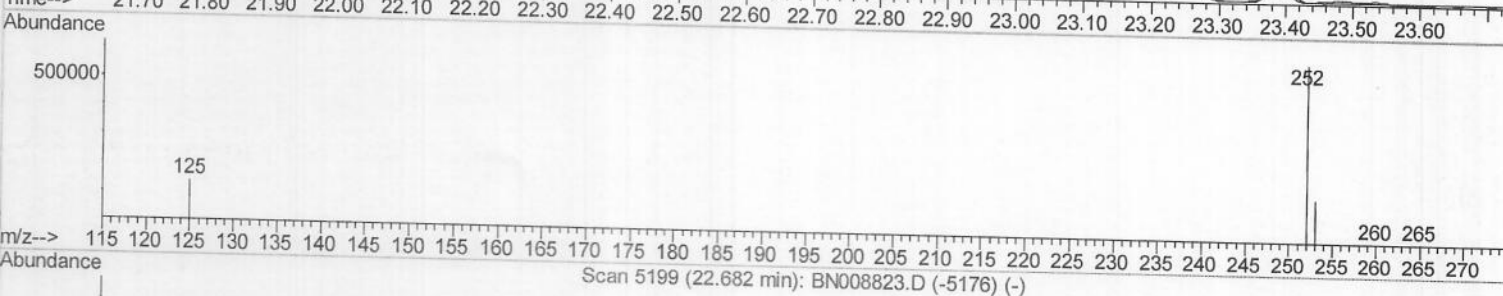
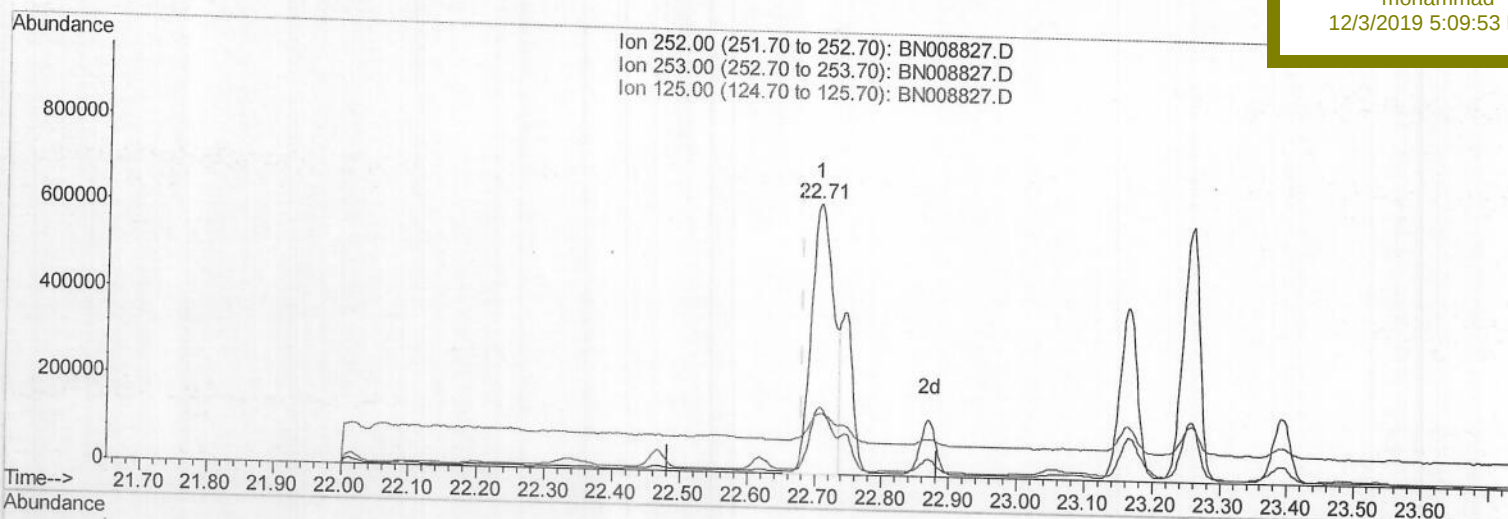
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 03 11:01:18 2019

Response via : Initial Calibration

Manual Integrations
 APPROVED

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(21) Benzo(b)fluoranthene

22.706min (+0.023) 23.51ng/ul m

response 1418810

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.49
125.00	15.80	22.41
0.00	0.00	0.00

JU
 12/3/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120319\
 Data File : BN008827.D
 Acq On : 03 Dec 2019 12:20
 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AC3

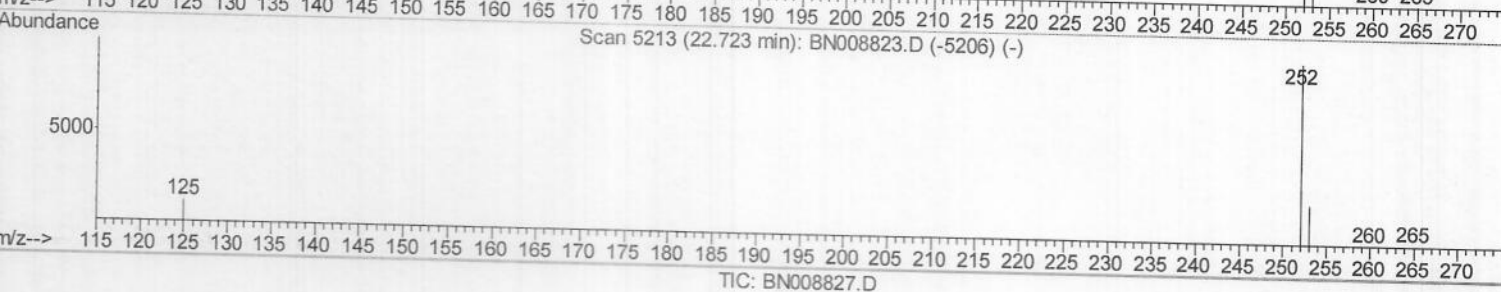
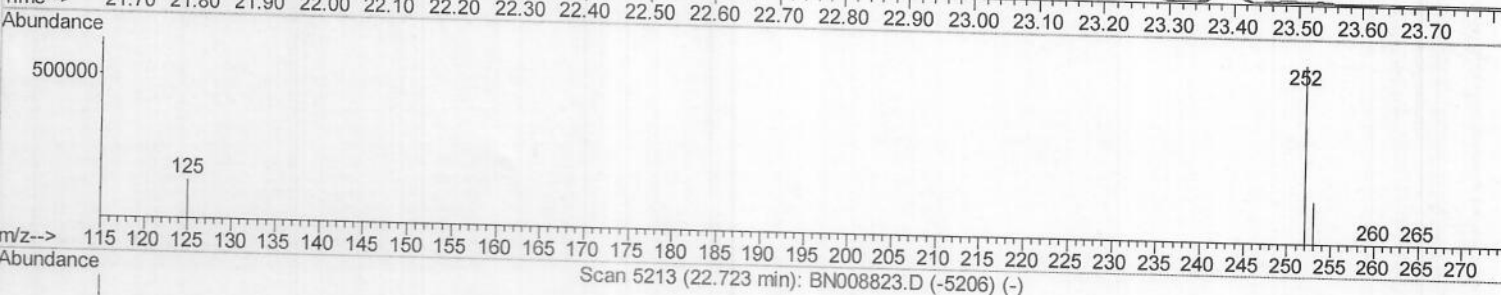
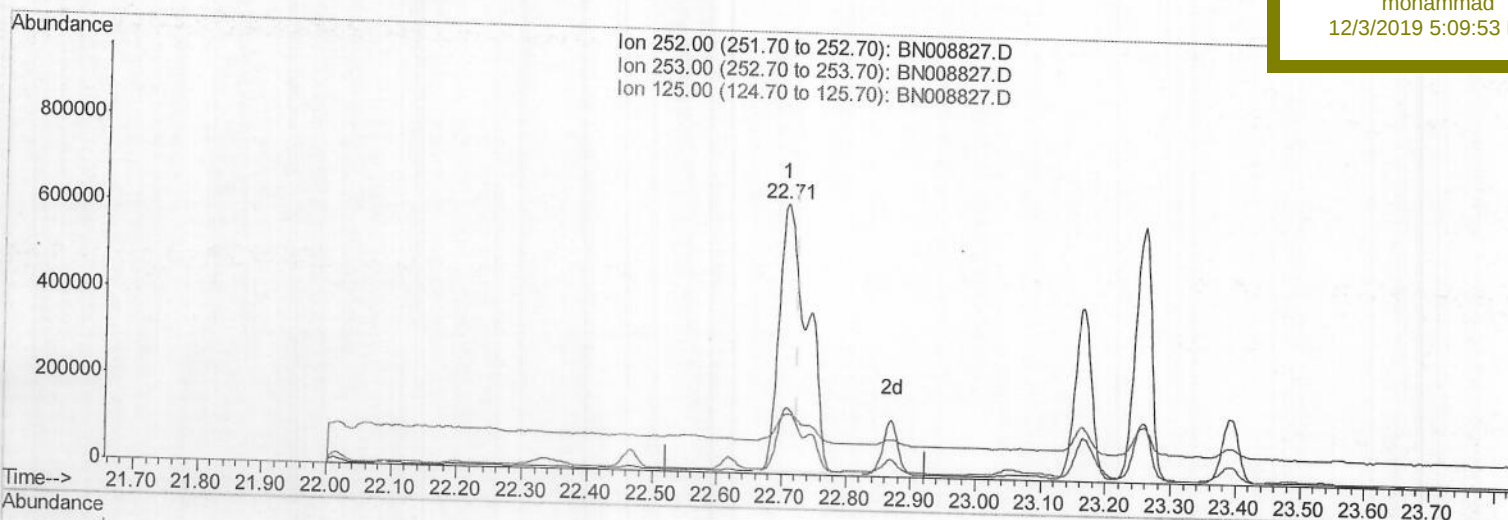
Manual Integrations

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Quant Time: Dec 03 14:31:20 2019
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 QLast Update : Tue Dec 03 11:01:18 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.706min (-0.018) 31.33ng/ui

response 1874620

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.49
125.00	17.20	22.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120319\
 Data File : BN008827.D
 Acq On : 03 Dec 2019 12:20
 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

Client Sampled :

C0AC3

Manual Integrations

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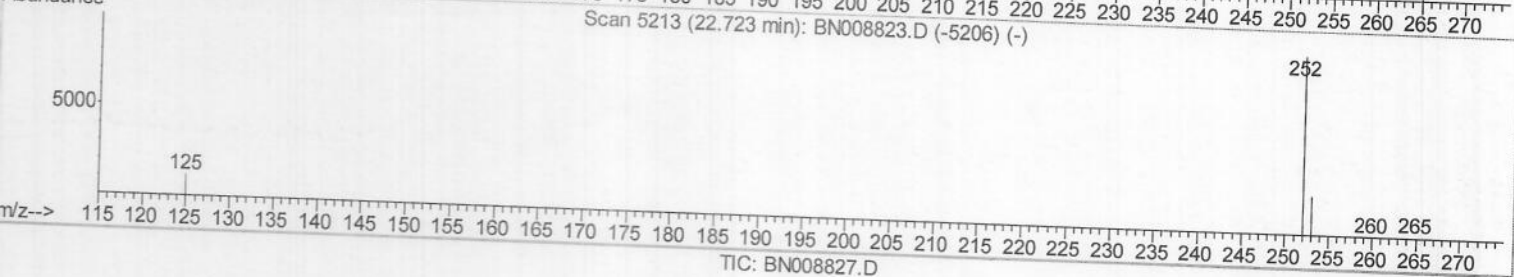
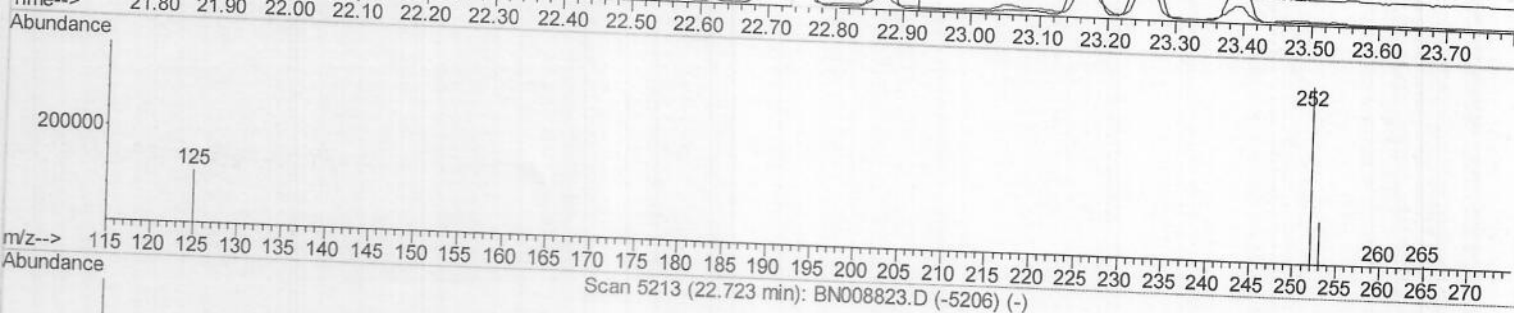
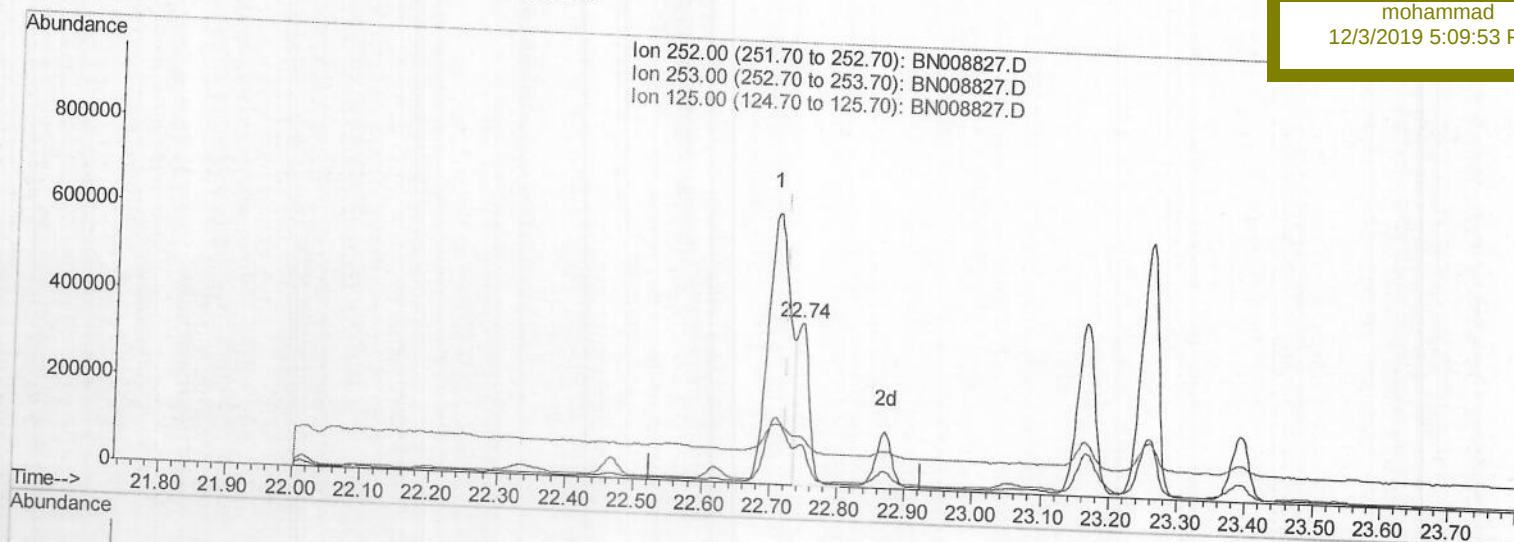
Quant Time: Dec 03 14:31:20 2019

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QLast Update : Tue Dec 03 11:01:18 2019

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.744min (+0.021) 8.30ng/ul m

response 496776

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.80
125.00	17.20	30.05#
0.00	0.00	0.00

> 50
12/3/19

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120319\
 Data File : BN008827.D
 Acq On : 03 Dec 2019 12:20
 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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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	4142	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	17150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	13336	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	21572	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12879	0.40	ng/ul	0.01
20) Perylene-d12	23.35	264	14632	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	5626	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	13727	0.21	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.39	128	250606	4.847	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	256747	7.112	ng/ul	100
7) Acenaphthylene	13.93	152	30908	0.419	ng/ul#	75
8) Acenaphthene	14.28	153	109062	1.993	ng/ul	99
9) Fluorene	15.27	166	174173	2.711	ng/ul#	95
11) Pentachlorophenol	16.63	266	249	0.030	ng/ul#	39
12) Phenanthrene	17.01	178	1968969	27.064	ng/ul	98
13) Anthracene	17.10	178	580557	8.445	ng/ul	98
15) Fluoranthene	19.03	202	2851999	31.909	ng/ul	98
17) Pyrene	19.40	202	2688617	52.036	ng/ul	98
18) Benzo(a)anthracene	21.16	228	1141450	22.039	ng/ul	97
19) Chrysene	21.21	228	1176997m	23.137	ng/ul	
21) Benzo(b)fluoranthene	22.71	252	1418810m	23.515	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	496776m	8.302	ng/ul	
23) Benzo(a)pyrene	23.26	252	1015841	17.937	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.49	276	636418	9.608	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.49	278	159744	2.986	ng/ul#	74
26) Benzo(a,h,i)perylene	26.14	276	627463	11.325	ng/ul	99

JU
 12/3/19

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