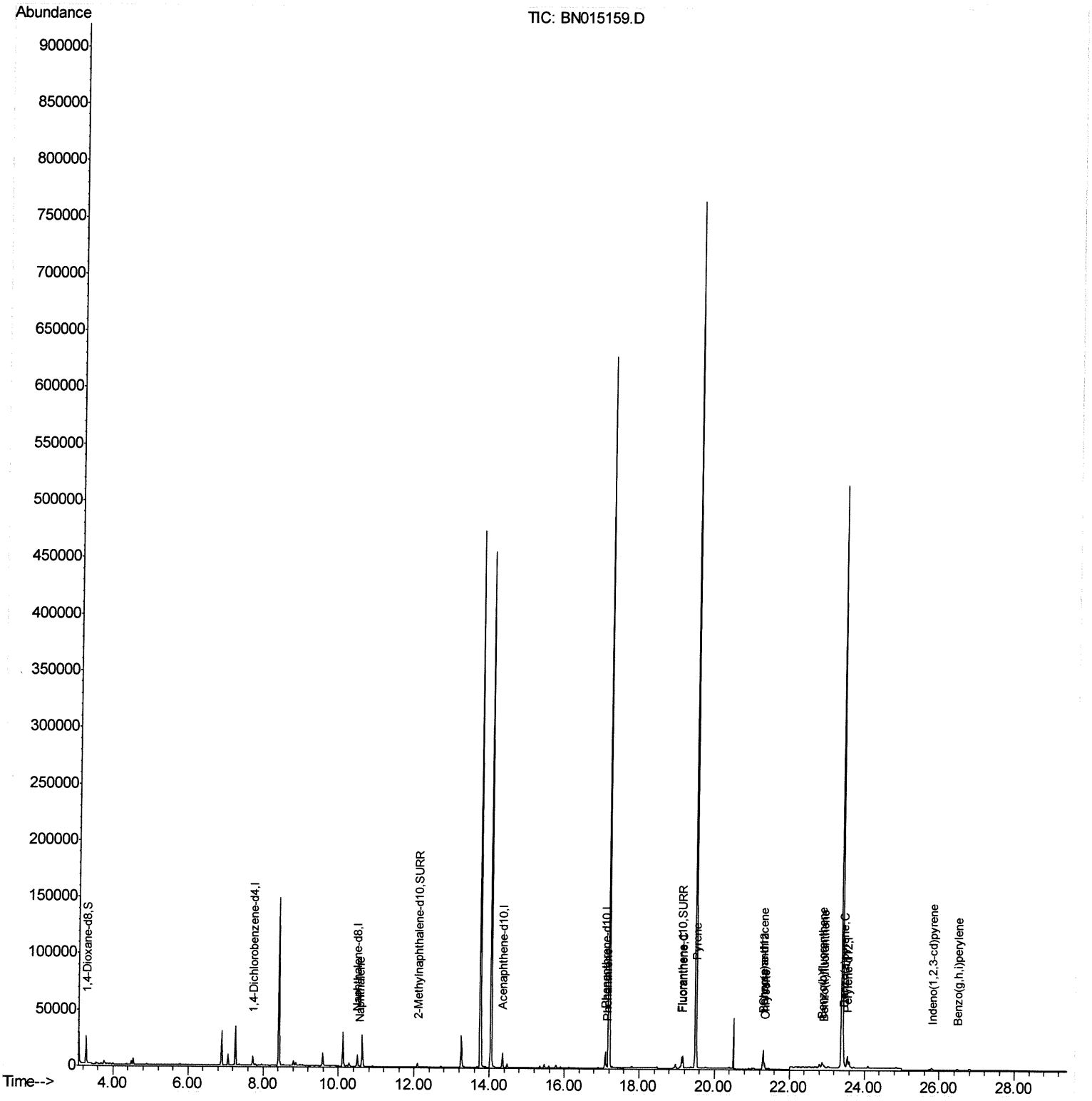
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 28 04:49:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:59 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 28 01:28:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
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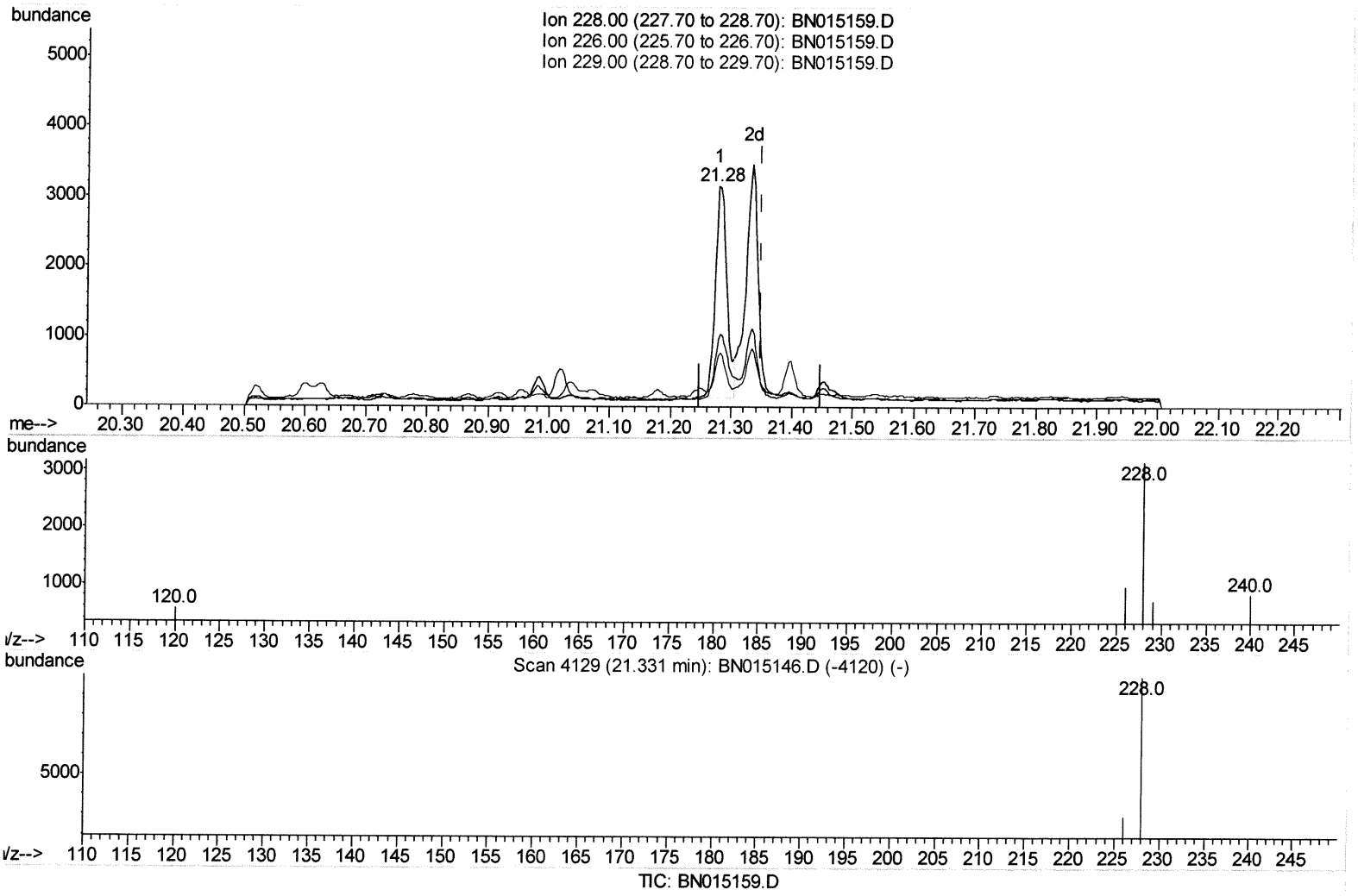

Scan 4129 (21.331 min): BN015146.D (-4120) (-)

TIC: BN015159.D

(22) Chrysene

21.279min (-0.070) 0.07ng/ul

response 4065

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	30.62
229.00	19.60	23.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 28 01:28:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
mohammad
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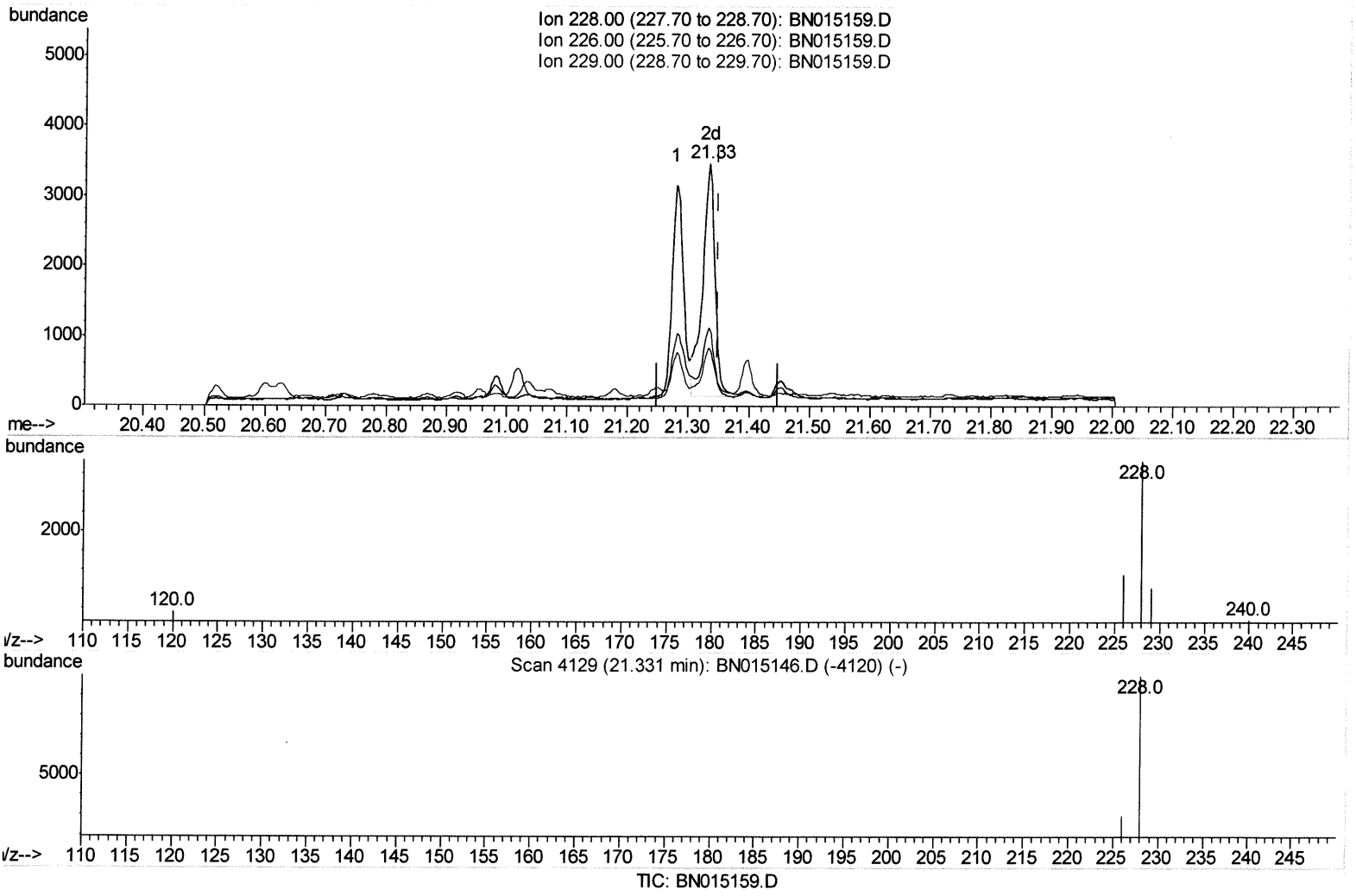

(22) Chrysene

21.334min (-0.015) 0.08ng/ul m JU 6/30/21

response 4732

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	32.11
229.00	19.60	24.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 28 04:47:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
mohammad
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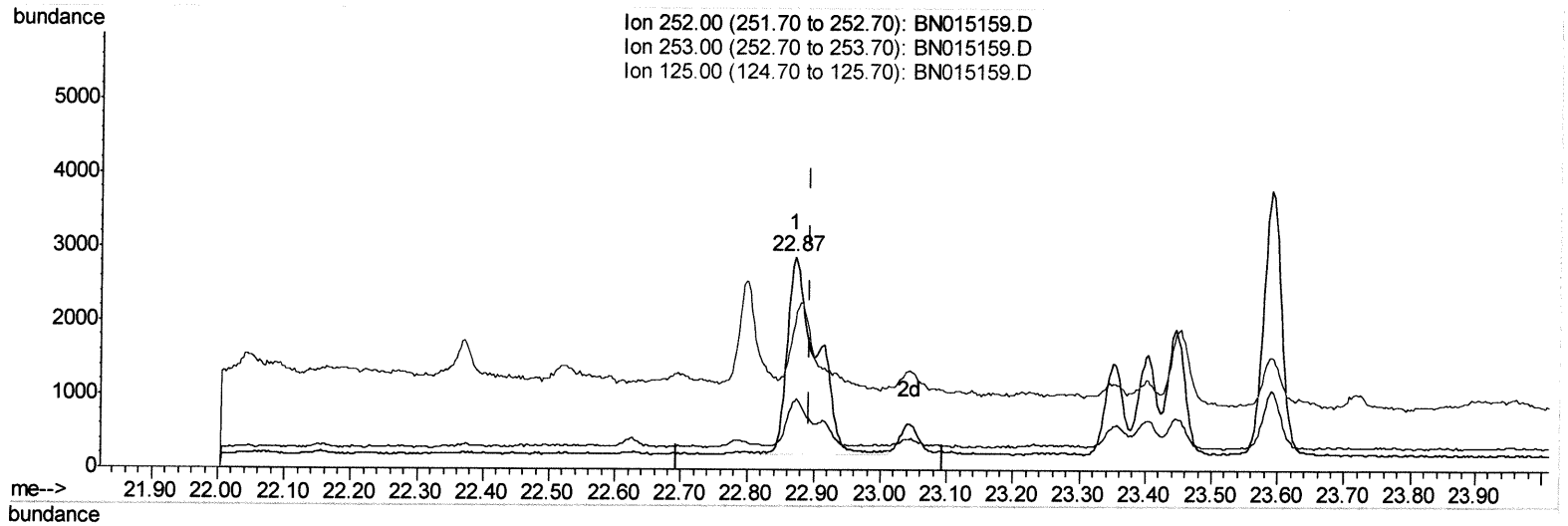
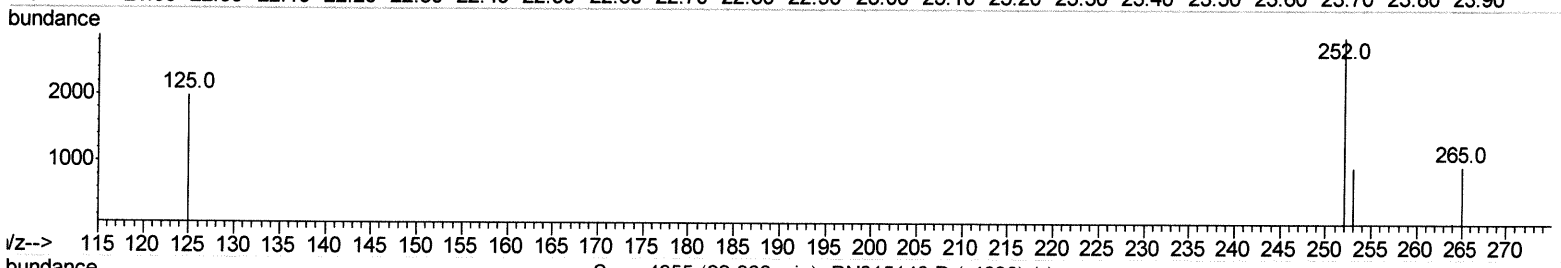
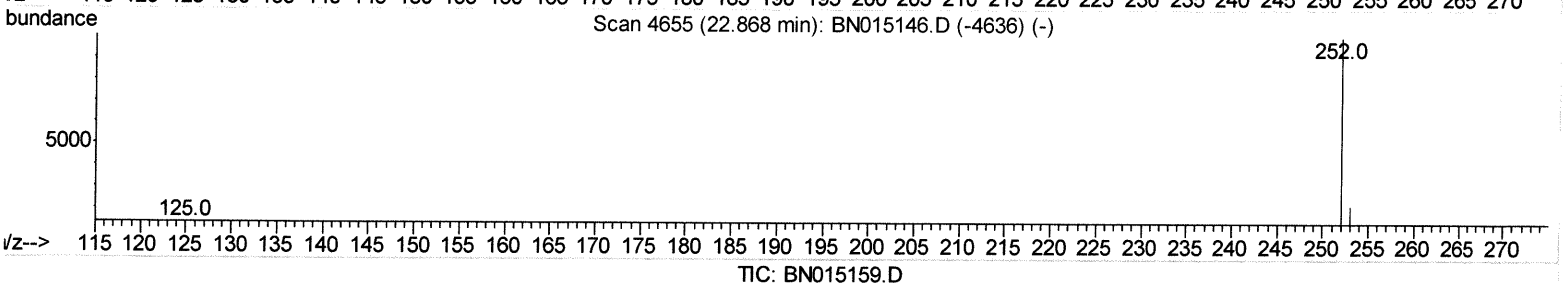






TIC: BN015159.D

(24) Benzo(b)fluoranthene

22.871min (-0.023) 0.13ng/ul

response 8188

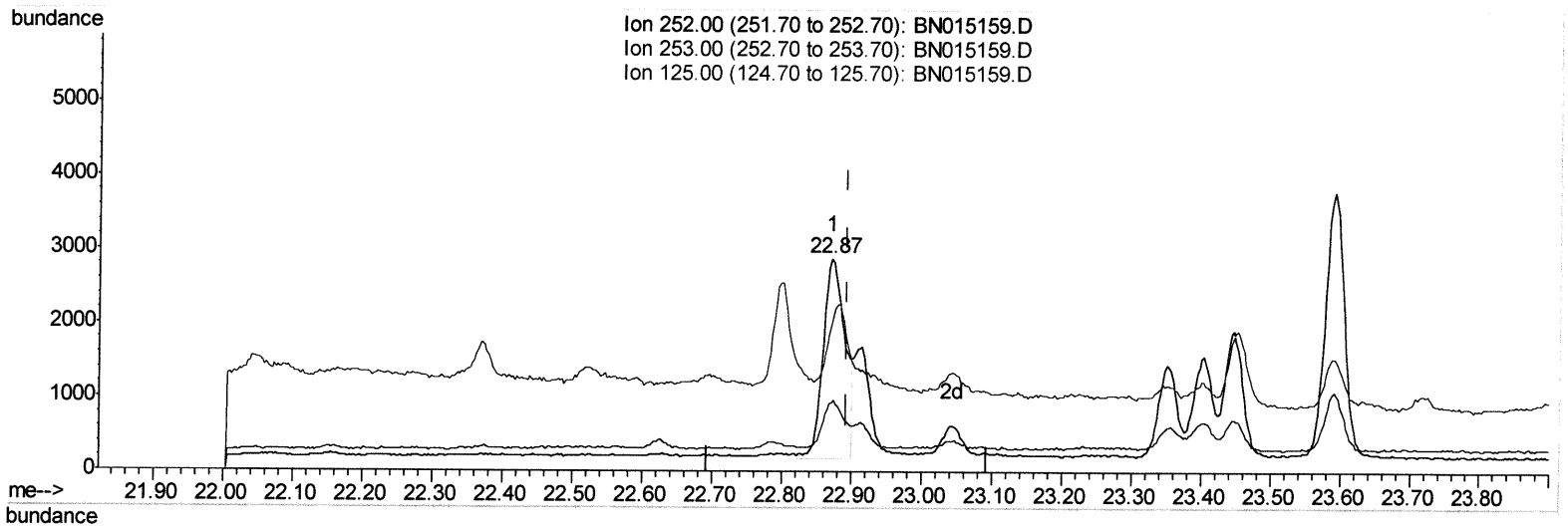
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	32.11
125.00	14.20	68.83#
0.00	0.00	0.00

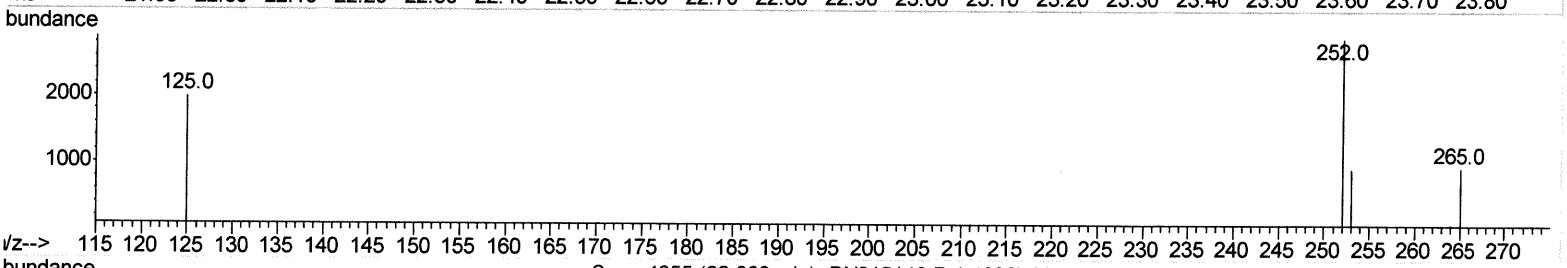
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

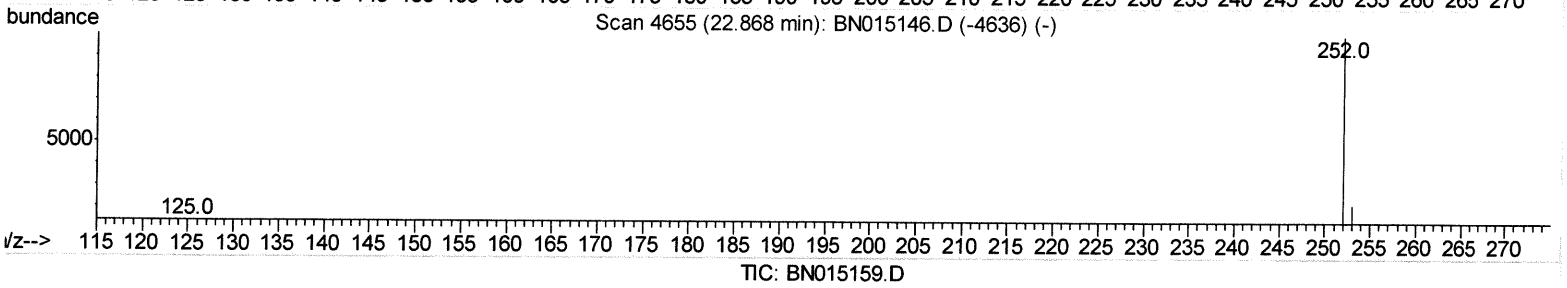
Quant Time: Jun 28 04:47:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:59 PM







TIC: BN015159.D

(24) Benzo(b)fluoranthene

22.871min (-0.023) 0.10ng/ul m JU 6/30/21

response 5928

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	32.11
125.00	14.20	68.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 28 04:48:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
mohammad
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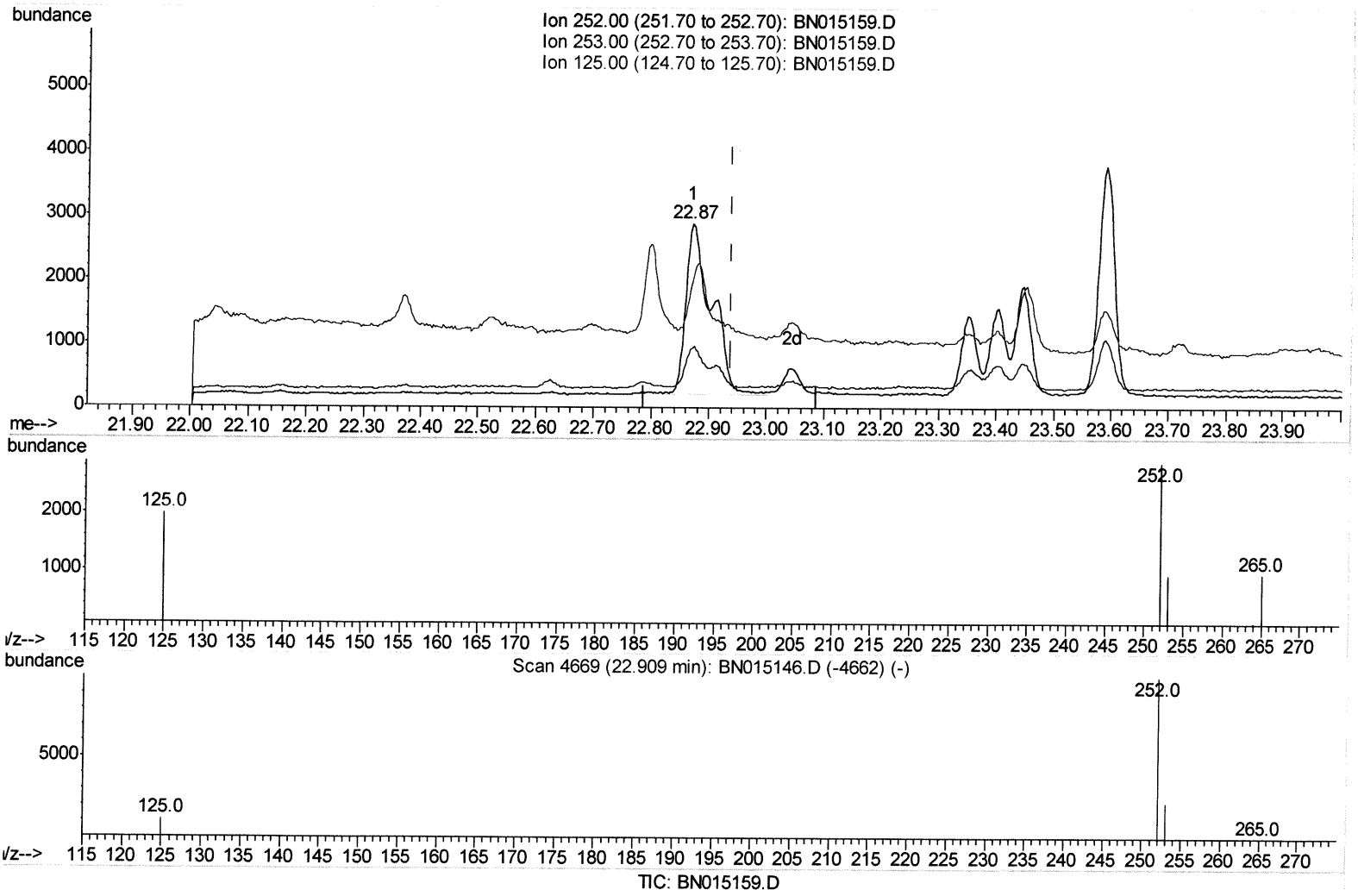

TIC: BN015159.D

(25) Benzo(k)fluoranthene

22.871min (-0.067) 0.12ng/ul

response 8165

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	32.11#
125.00	14.40	68.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 28 04:48:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDB6

Manual Integrations APPROVED
mohammad
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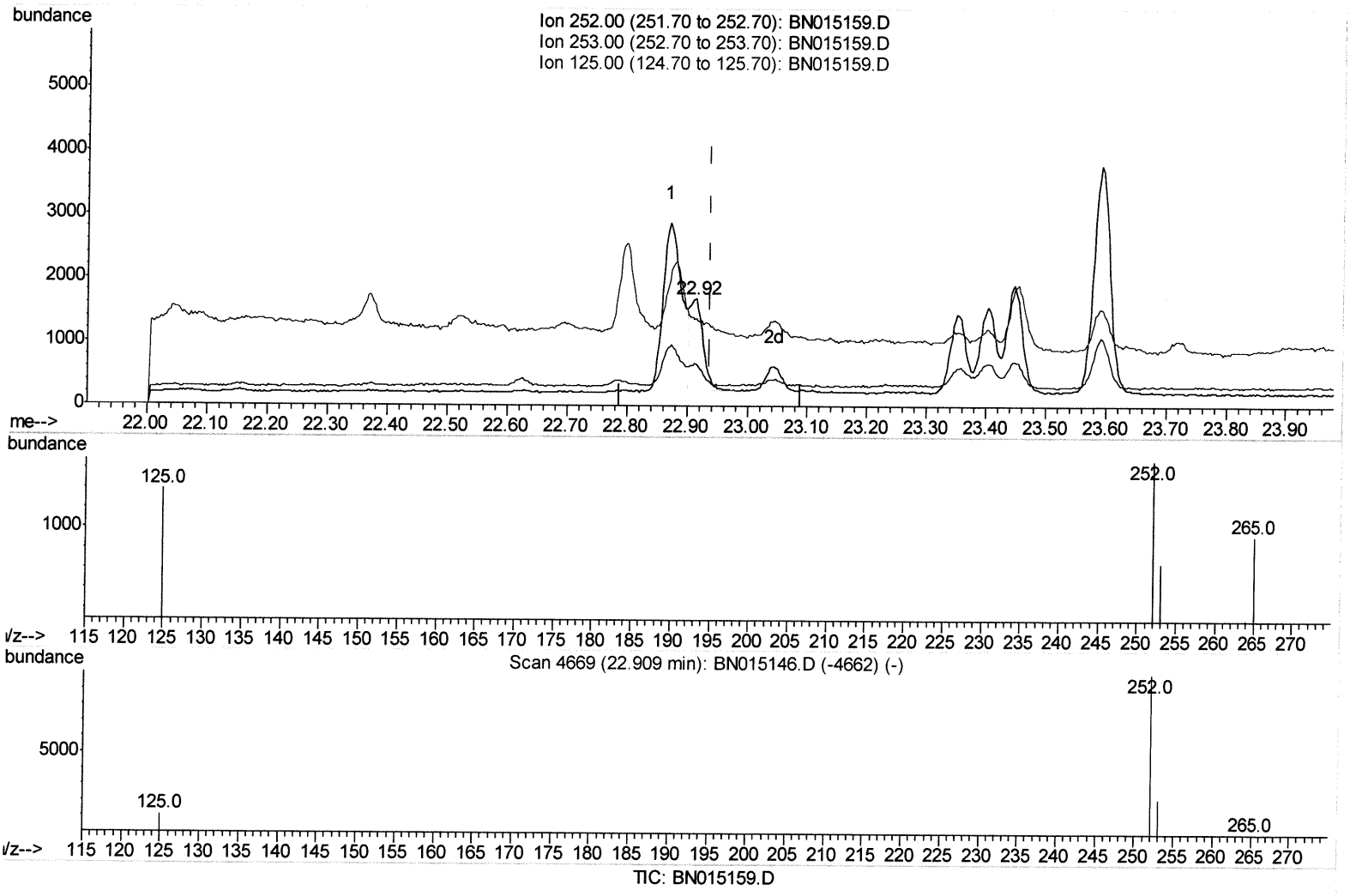

(25) Benzo(k)fluoranthene

22.915min (-0.023) 0.03ng/ul m

JV 6/30/21

response 2288

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	38.66#
125.00	14.40	82.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015159.D
Acq On : 27 Jun 2021 18:39
Operator : CG/JU
Sample : M2704-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDB6

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:59 PM

Quant Time: Jun 28 04:49:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3740	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	13204	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	7301	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.10	188	15449	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	13758	0.40	ng/ul	-0.01
23) Perylene-d12	23.54	264	13268	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14740	3.50	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	4210	0.20	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	10706	0.24	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.55	128	909	0.022	ng/ul#	76
15) Phenanthrene	17.14	178	3356	0.060	ng/ul#	91
19) Fluoranthene	19.16	202	8807	0.139	ng/ul#	94
20) Pyrene	19.53	202	9091	0.143	ng/ul#	93
21) Benzo(a)anthracene	21.28	228	4132	0.081	ng/ul	93
22) Chrysene	21.33	228	4732m	0.078	ng/ul	
24) Benzo(b)fluoranthene	22.87	252	5928m	0.096	ng/ul	
25) Benzo(k)fluoranthene	22.92	252	2288m	0.033	ng/ul	
26) Benzo(a)pyrene	23.45	252	3027	0.058	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	25.80	276	2053	0.033	ng/ul#	92
29) Benzo(g,h,i)perylene	26.48	276	1918	0.033	ng/ul#	72

JU 6/30/21

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