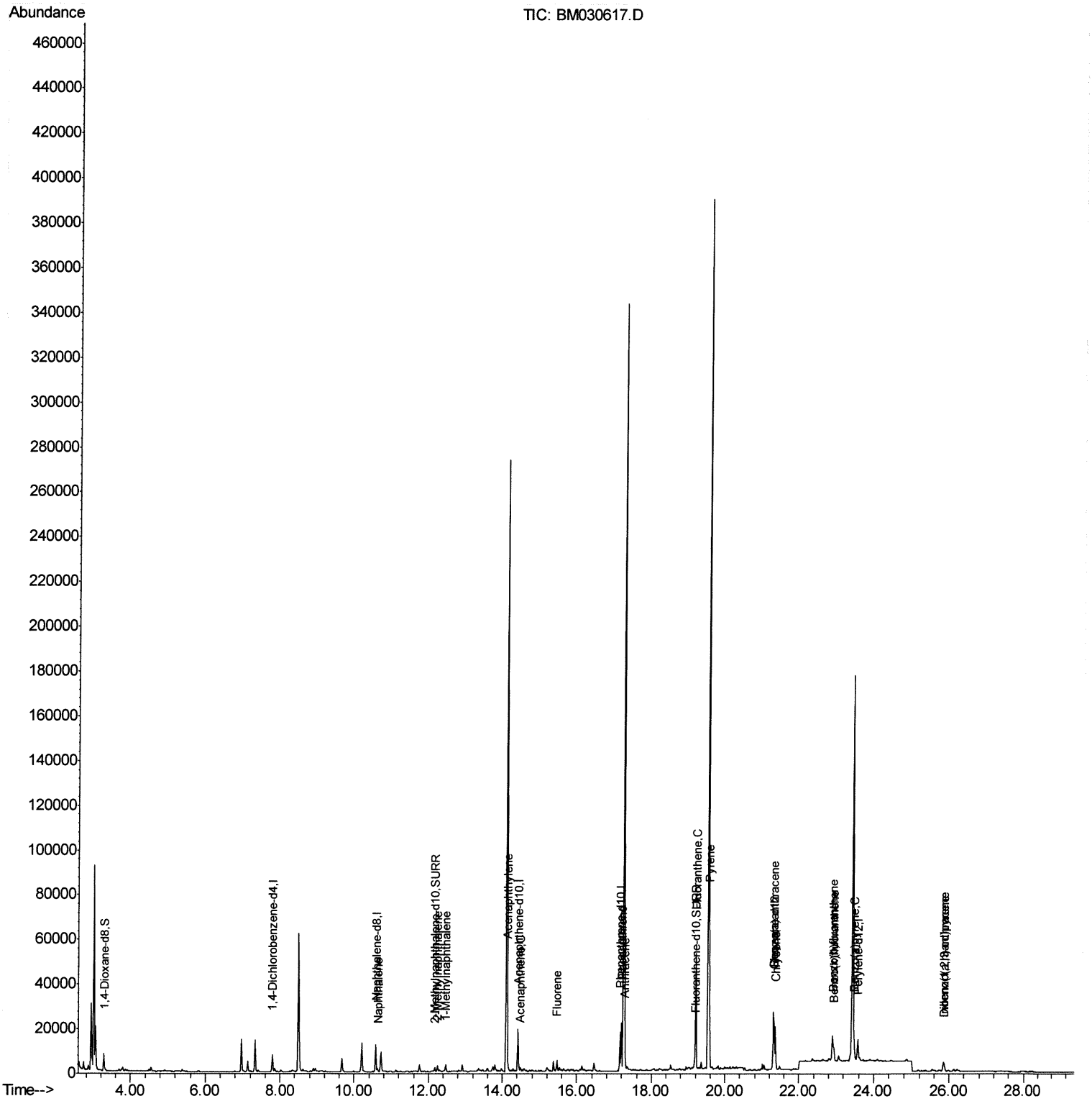
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:50:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:55 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:47:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
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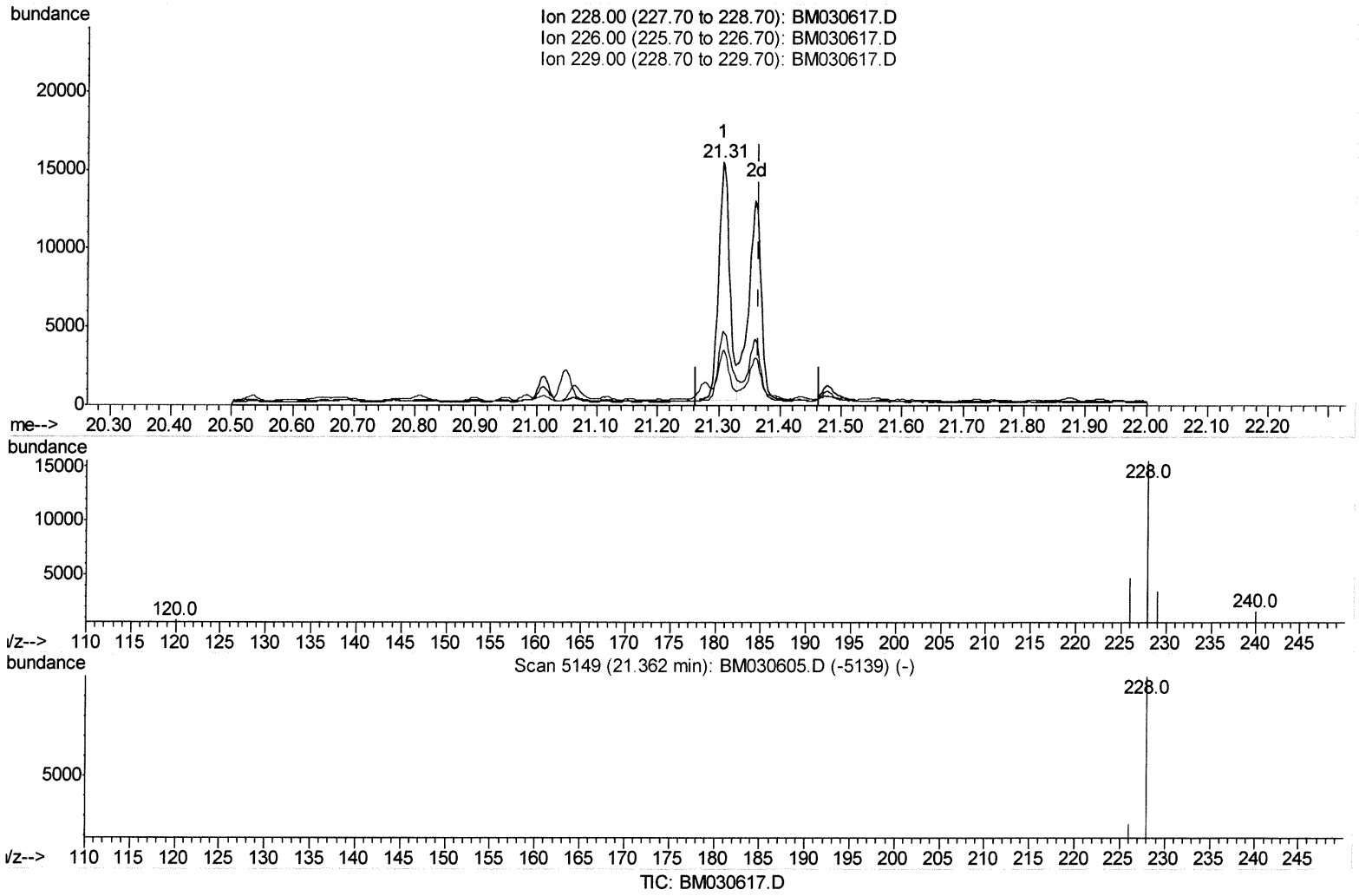

(22) Chrysene

21.306min (-0.058) 0.30ng/ul

response 19197

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	30.30
229.00	19.20	22.37
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:47:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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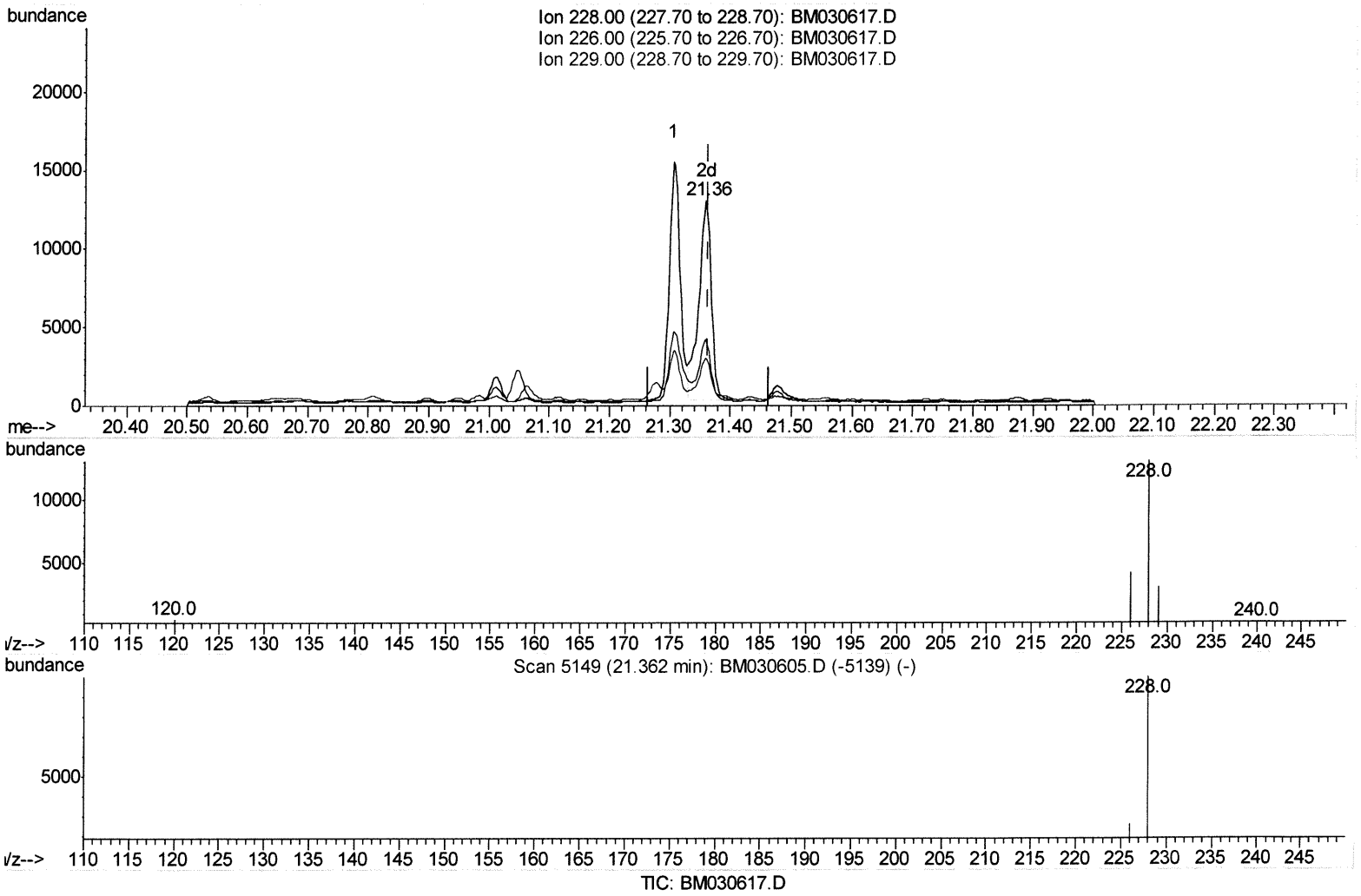

(22) Chrysene

21.359min (-0.005) 0.29ng/ul m JU 6/30/21

response 18380

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	32.45
229.00	19.20	23.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:48:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
mohammad
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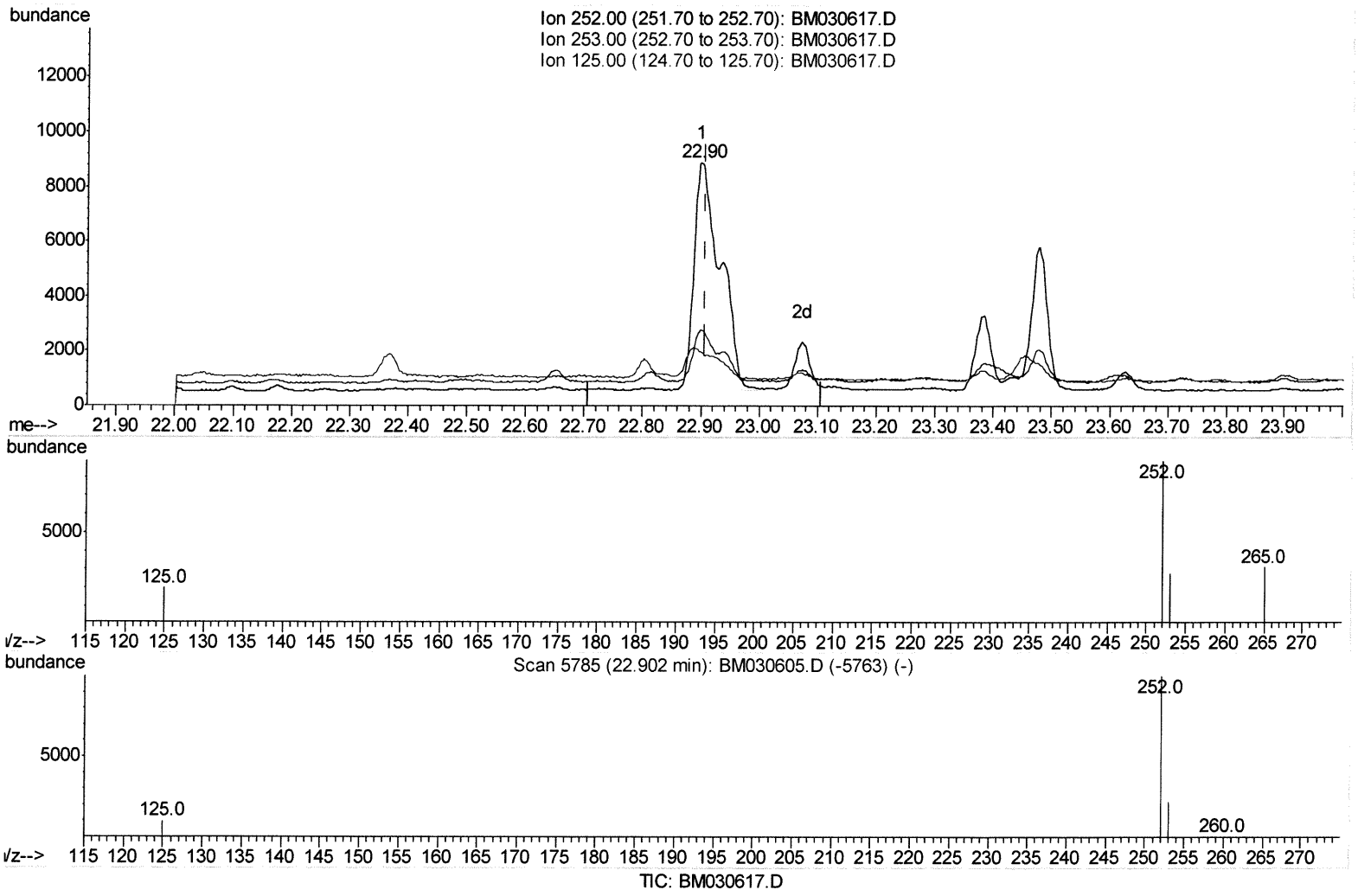

TIC: BM030617.D

(24) Benzo(b)fluoranthene

22.899min (-0.008) 0.45ng/ul

response 25964

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	31.35
125.00	13.90	22.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:48:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
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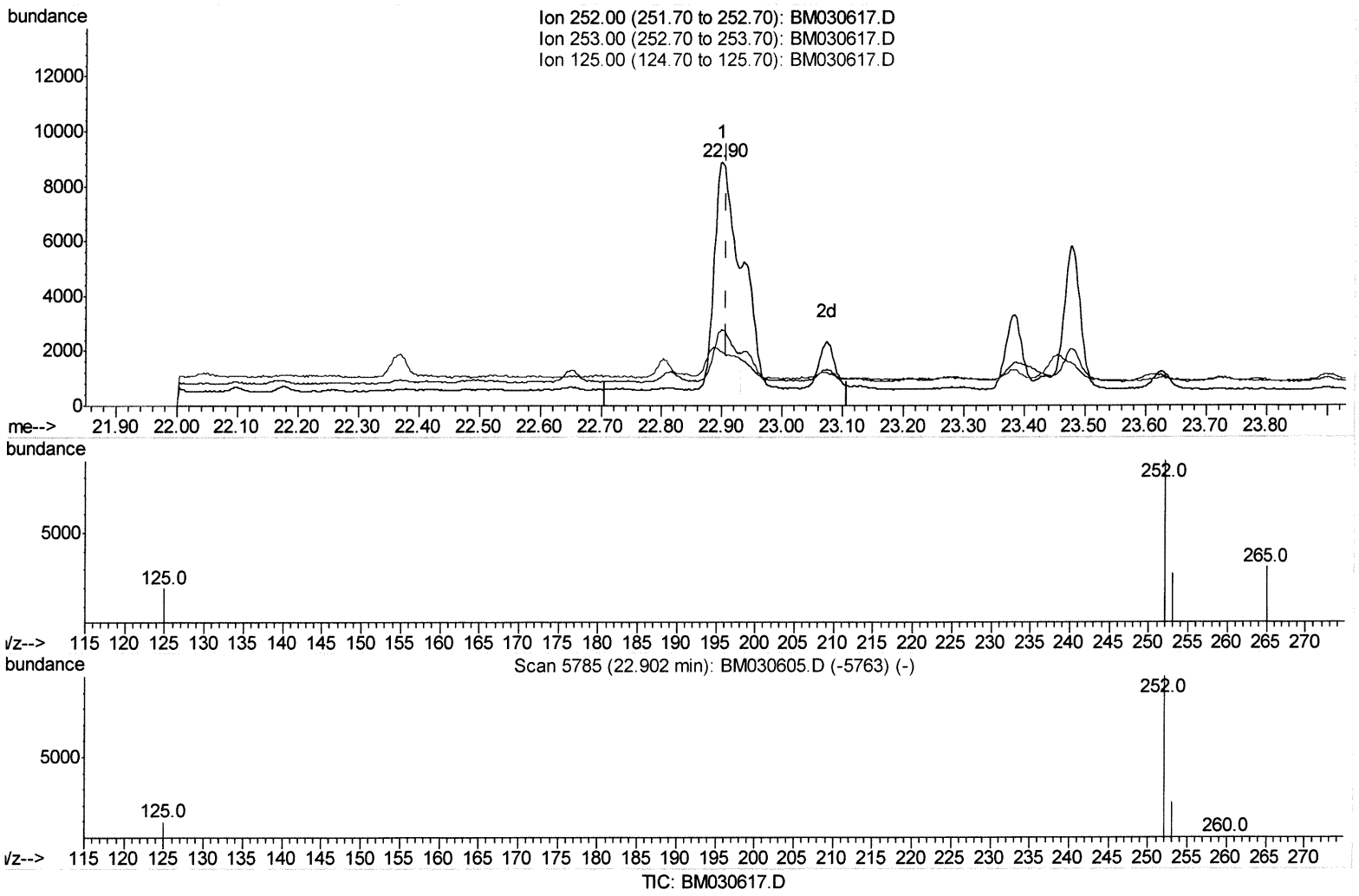

(24) Benzo(b)fluoranthene

22.899min (-0.008) 0.35ng/ul m JU 6/30/21

response 20176

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	31.35
125.00	13.90	22.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:49:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
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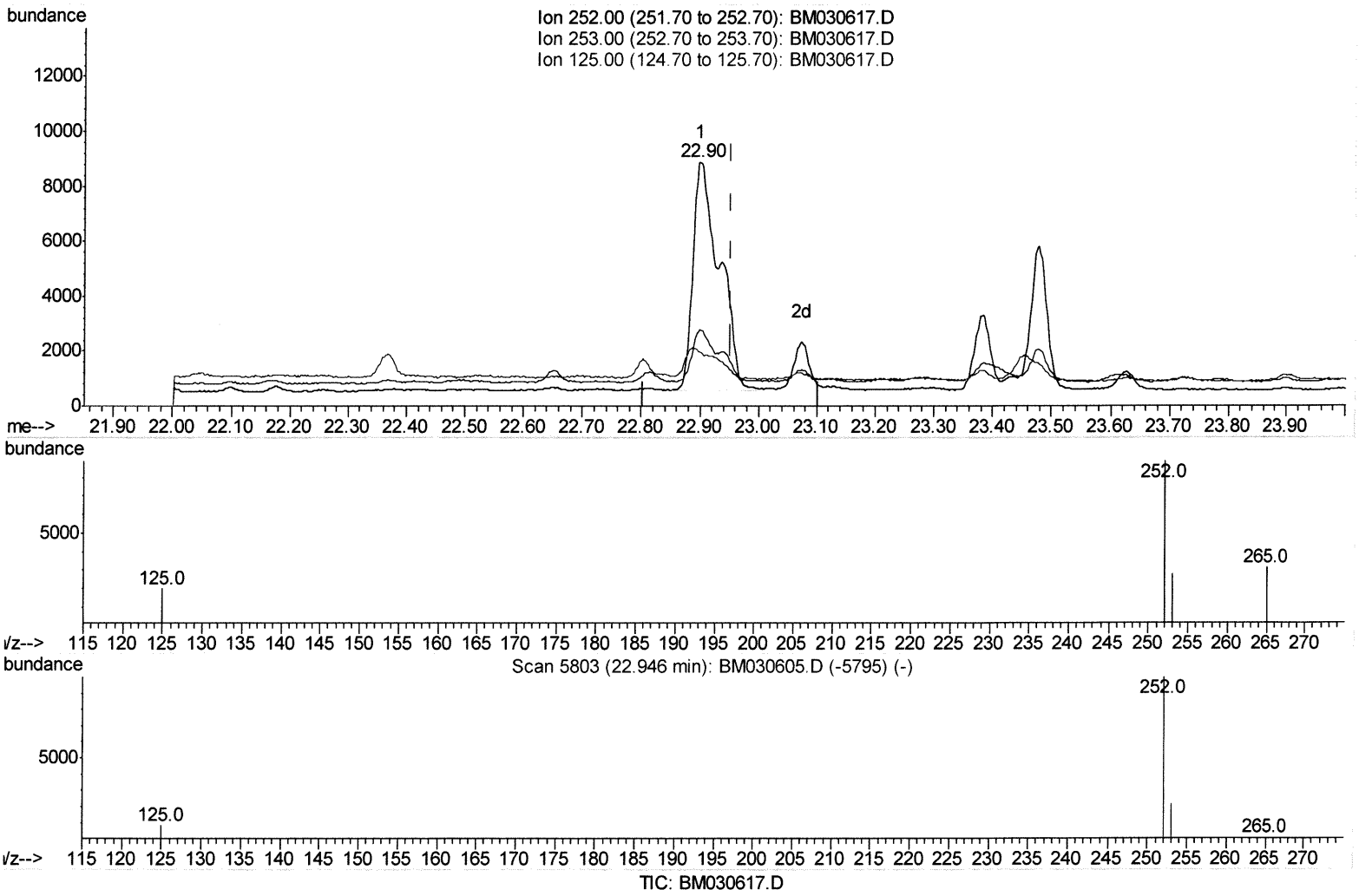

TIC: BM030617.D

(25) Benzo(k)fluoranthene

22.899min (-0.054) 0.43ng/ul

response 25964

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	31.35#
125.00	13.70	22.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 26 02:49:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
mohammad
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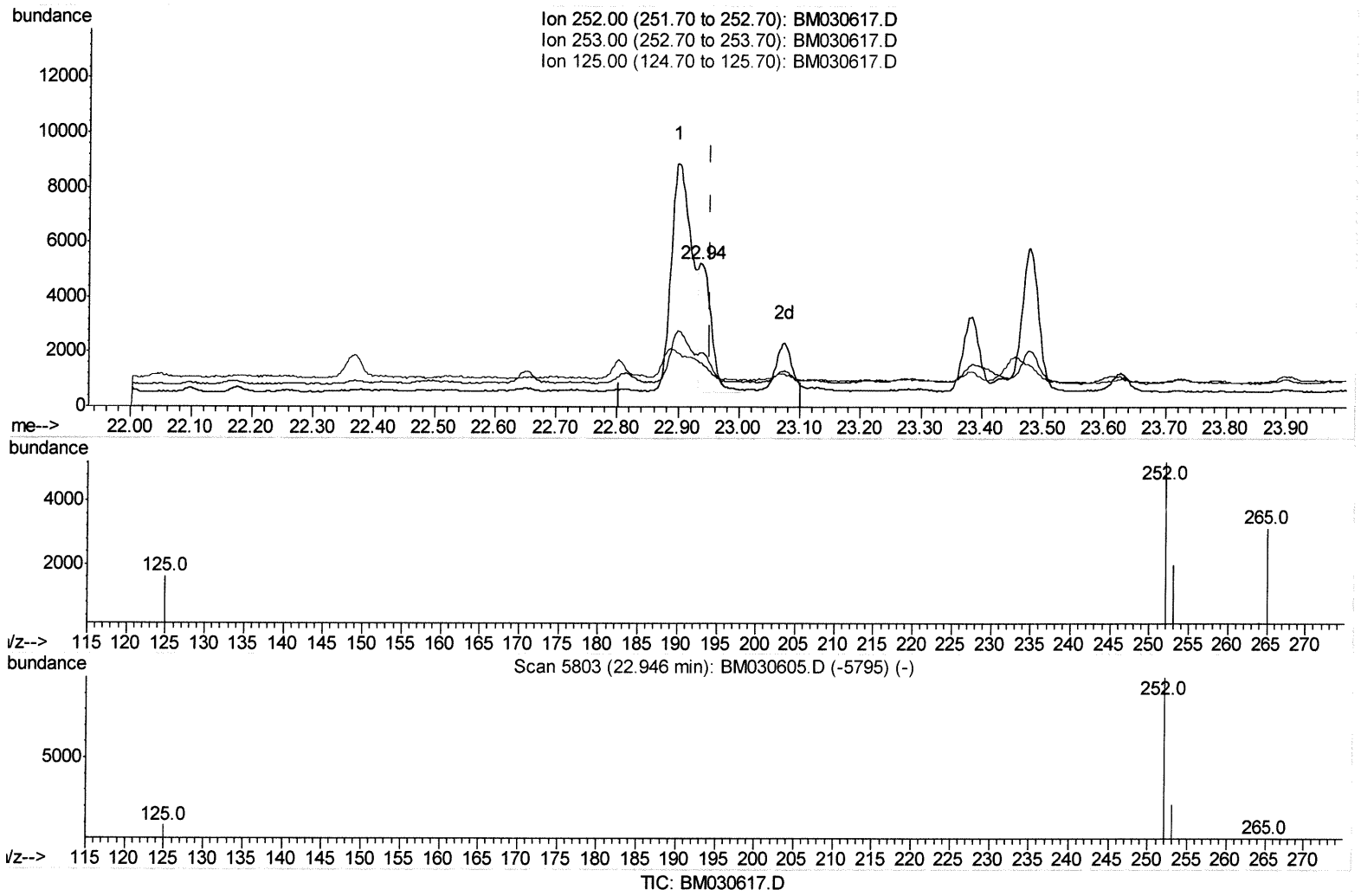

TIC: BM030617.D

(25) Benzo(k)fluoranthene

22.936min (-0.017) 0.12ng/ul m JC 6/30/21

response 6901

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	37.80#
125.00	13.70	30.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030617.D
Acq On : 26 Jun 2021 00:34
Operator : CG/JU
Sample : M2682-08DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD95DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:55 PM

Quant Time: Jun 26 02:50:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	3951	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	16586	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	10490	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	20650	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	14557	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	13151	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	5278	1.25	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	2396	0.09	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	5836	0.13	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	2135	0.043	ng/ul#	91
7) 2-Methylnaphthalene	12.24	142	2212	0.066	ng/ul	100
8) 1-Methylnaphthalene	12.46	142	2100	0.065	ng/ul	100
10) Acenaphthylene	14.14	152	2251	0.046	ng/ul#	83
11) Acenaphthene	14.48	153	1051	0.026	ng/ul	96
12) Fluorene	15.47	166	2859	0.065	ng/ul#	88
15) Phenanthrene	17.20	178	22141	0.301	ng/ul	99
16) Anthracene	17.29	178	5975	0.093	ng/ul#	89
19) Fluoranthene	19.21	202	44189	0.660	ng/ul	98
20) Pyrene	19.57	202	38906	0.567	ng/ul	100
21) Benzo(a)anthracene	21.31	228	19298	0.334	ng/ul	95
22) Chrysene	21.36	228	18380m	0.286	ng/ul	
24) Benzo(b)fluoranthene	22.90	252	20176m	0.353	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	6901m	0.115	ng/ul	
26) Benzo(a)pyrene	23.48	252	10003	0.197	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.86	276	6799	0.105	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.86	278	2050	0.040	ng/ul#	27

JU 6/30/21

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