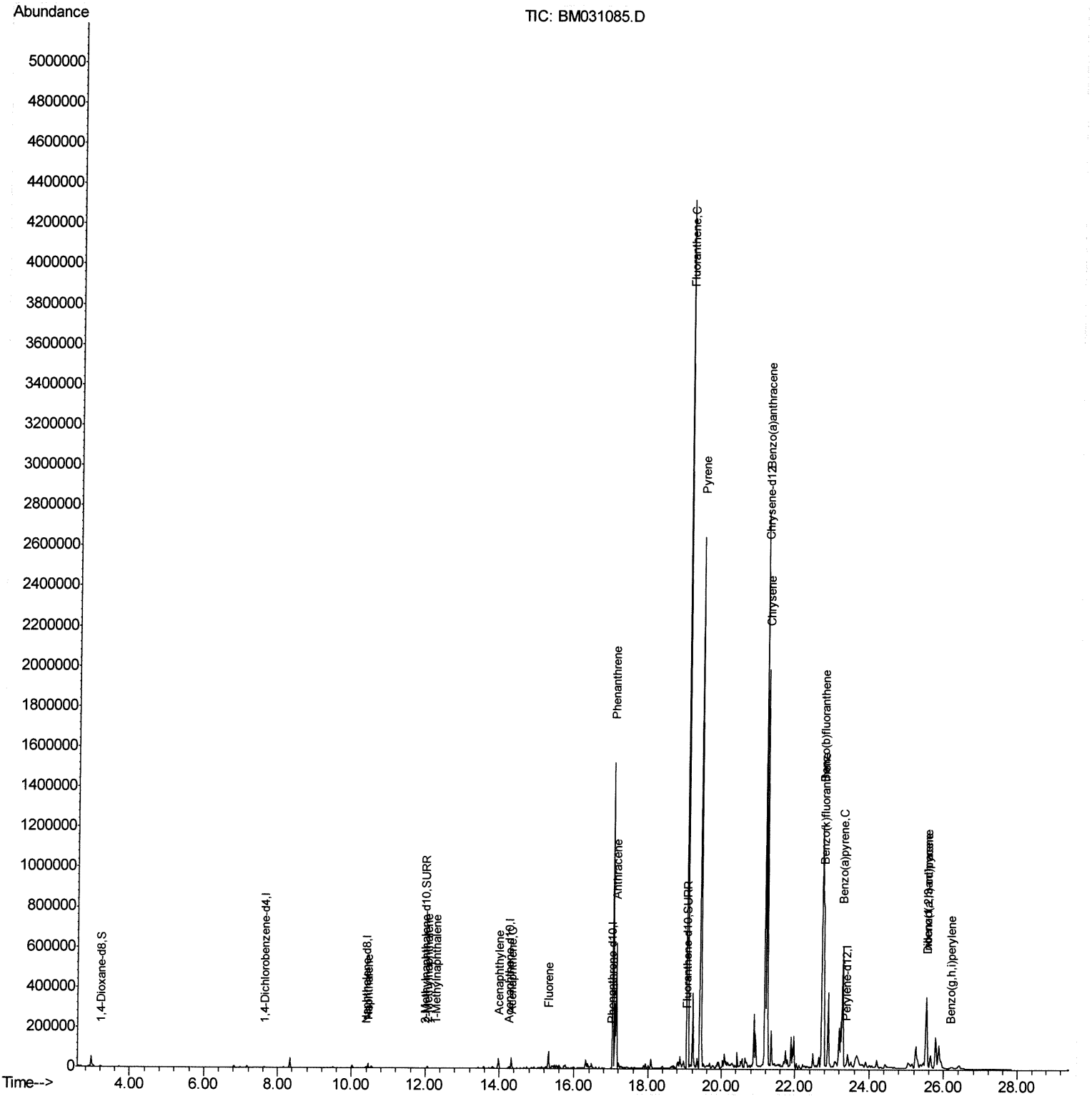
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:40:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:38:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
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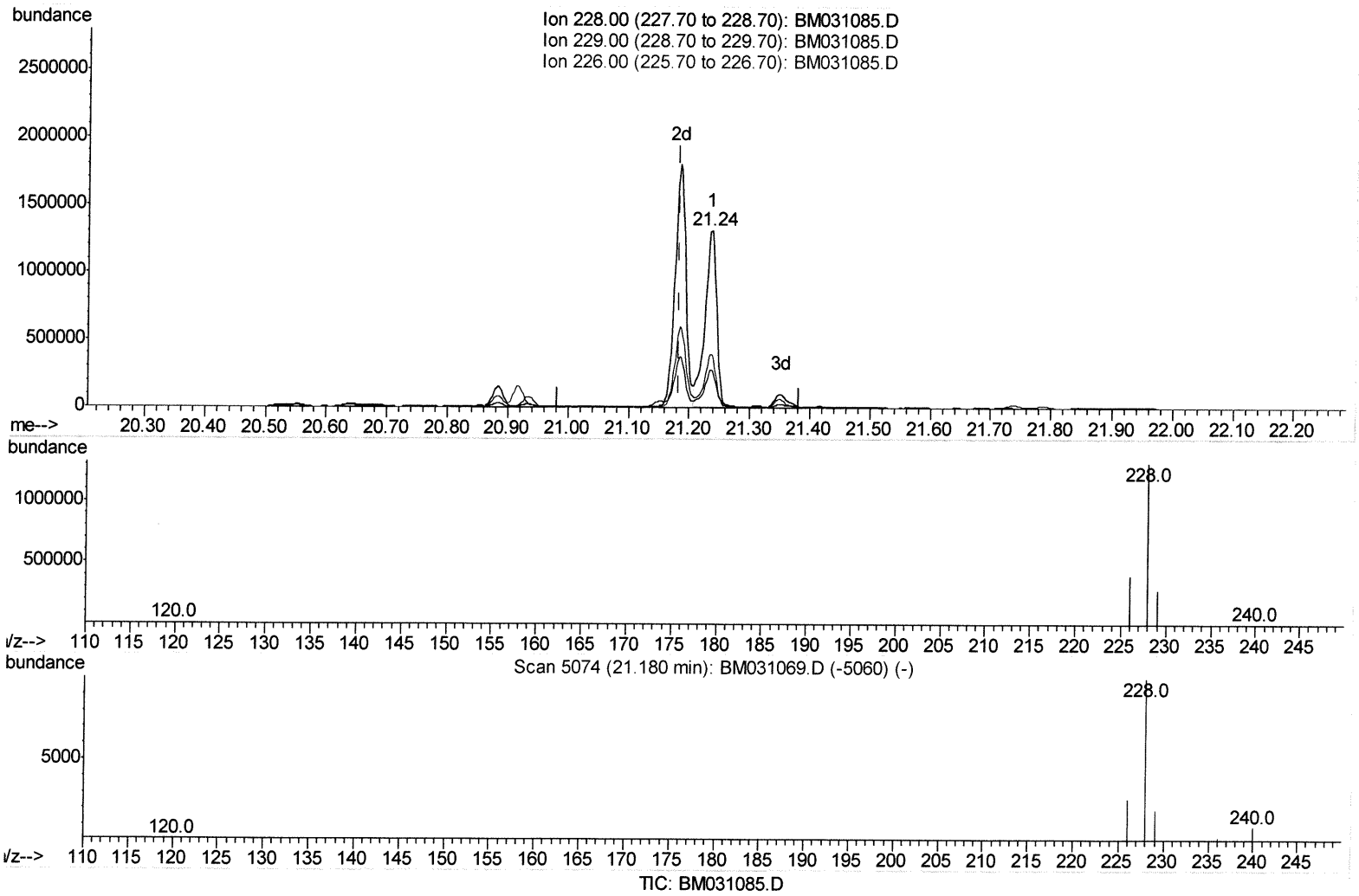

(21) Benzo(a)anthracene

21.237min (+0.054) 34.72ng/ul

response 1768825

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	21.44
226.00	26.80	30.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
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Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:38:30 2021
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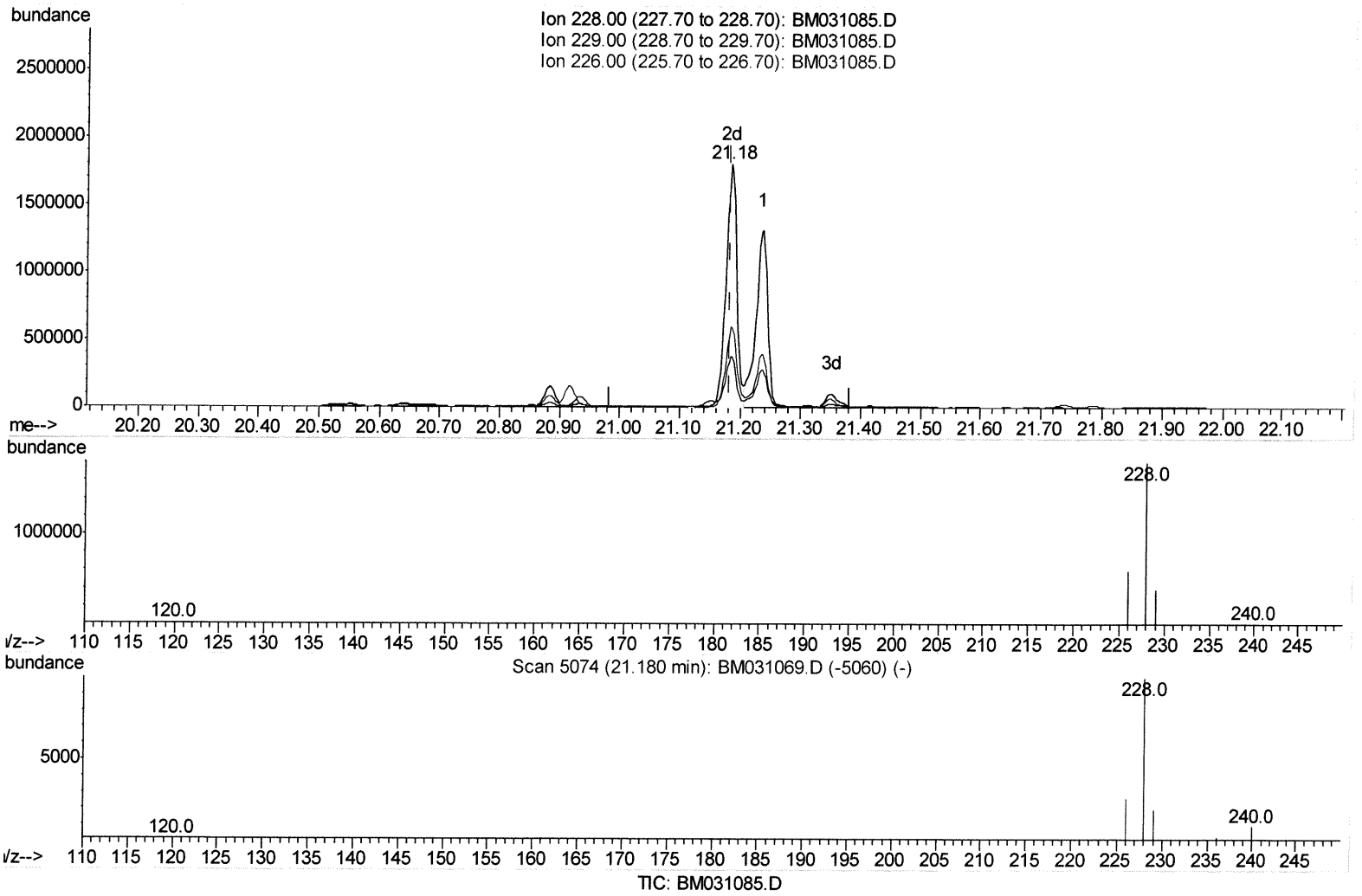
Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM



(21) Benzo(a)anthracene

21.184min (+0.001) 44.40ng/ul m 07/26/21 JU

response 2262256

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	20.98
226.00	26.80	32.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:38:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
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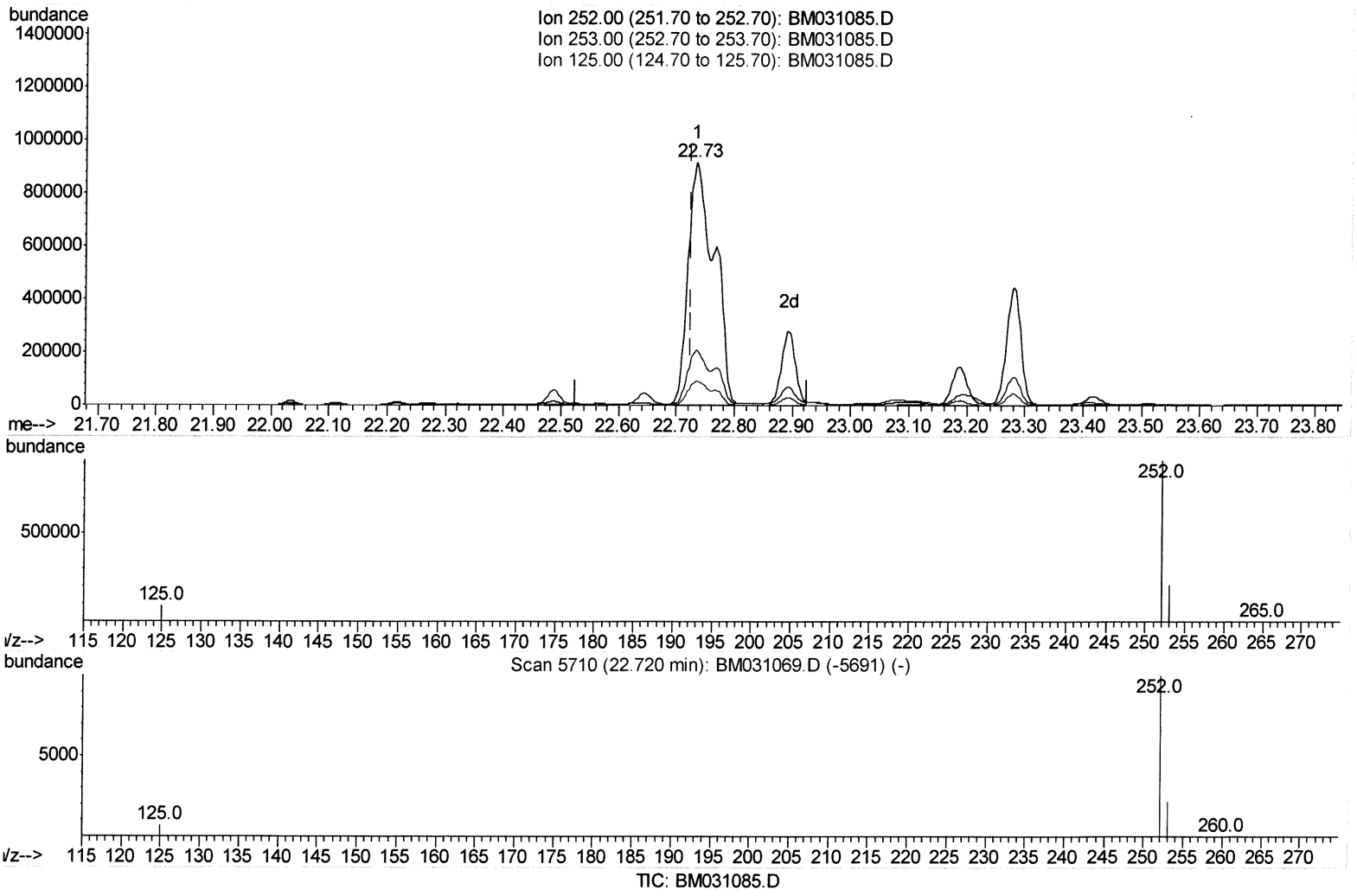
Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM



(24) Benzo(b)fluoranthene

22.734min (+0.008) 45.56ng/ul

response 2863290

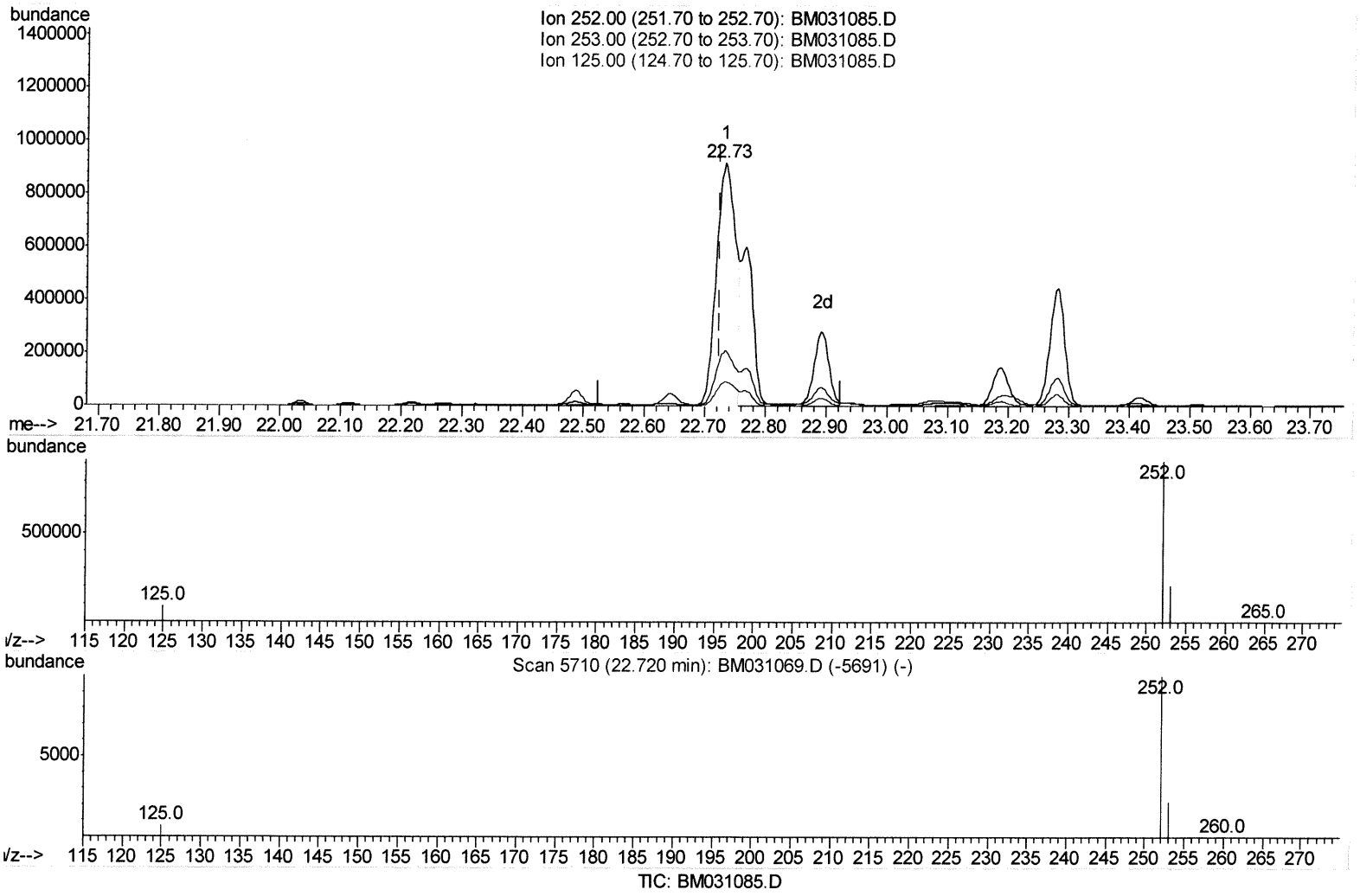
Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.65
125.00	10.10	9.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:38:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM



(24) Benzo(b)fluoranthene

22.734min (+0.008) 31.33ng/ul m 07/26/21 JU

response 1969005

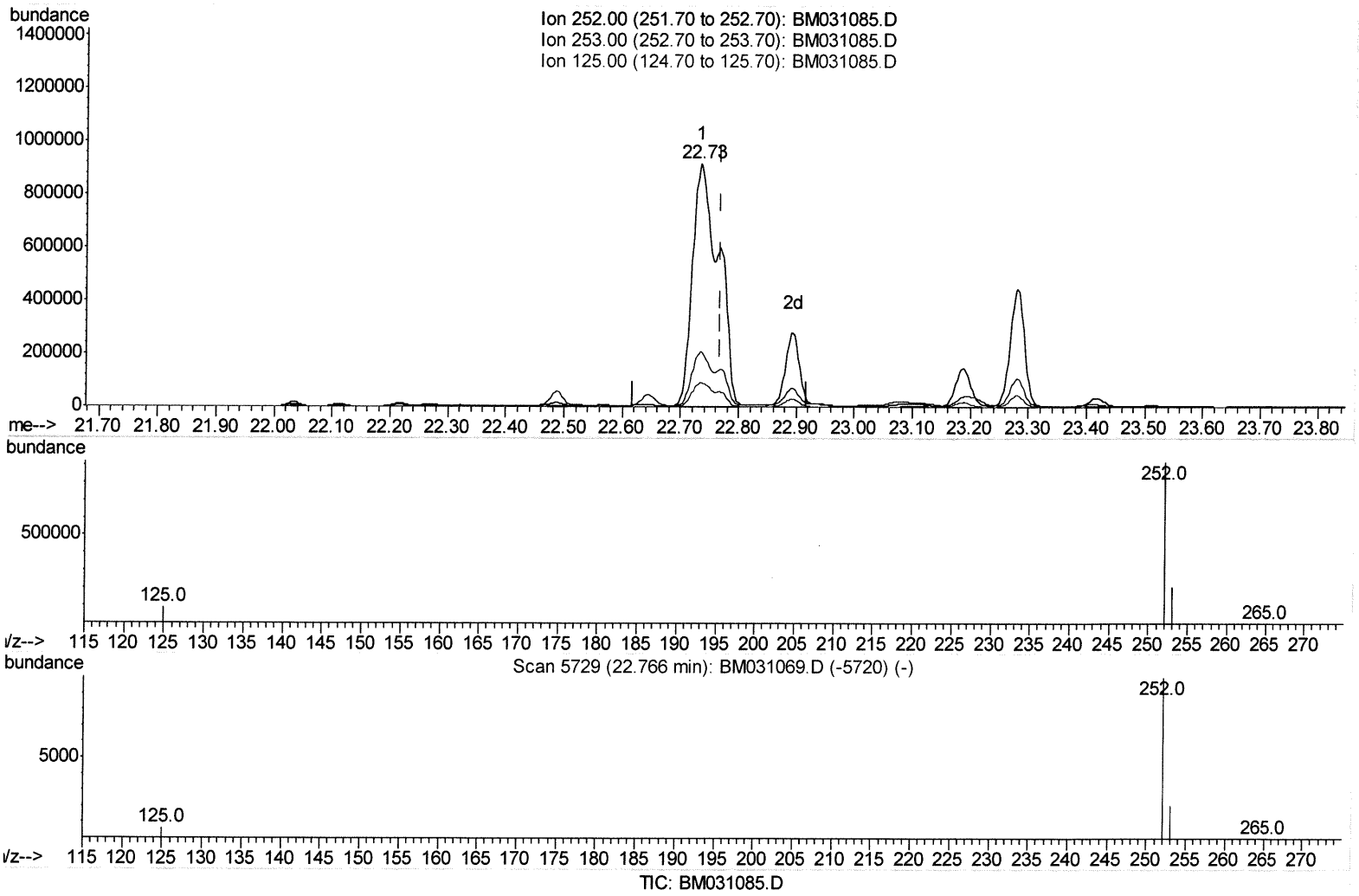
Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.65
125.00	10.10	9.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:38:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM



TIC: BM031085.D

(25) Benzo(k)fluoranthene

22.734min (-0.035) 44.90ng/ul

response 2863290

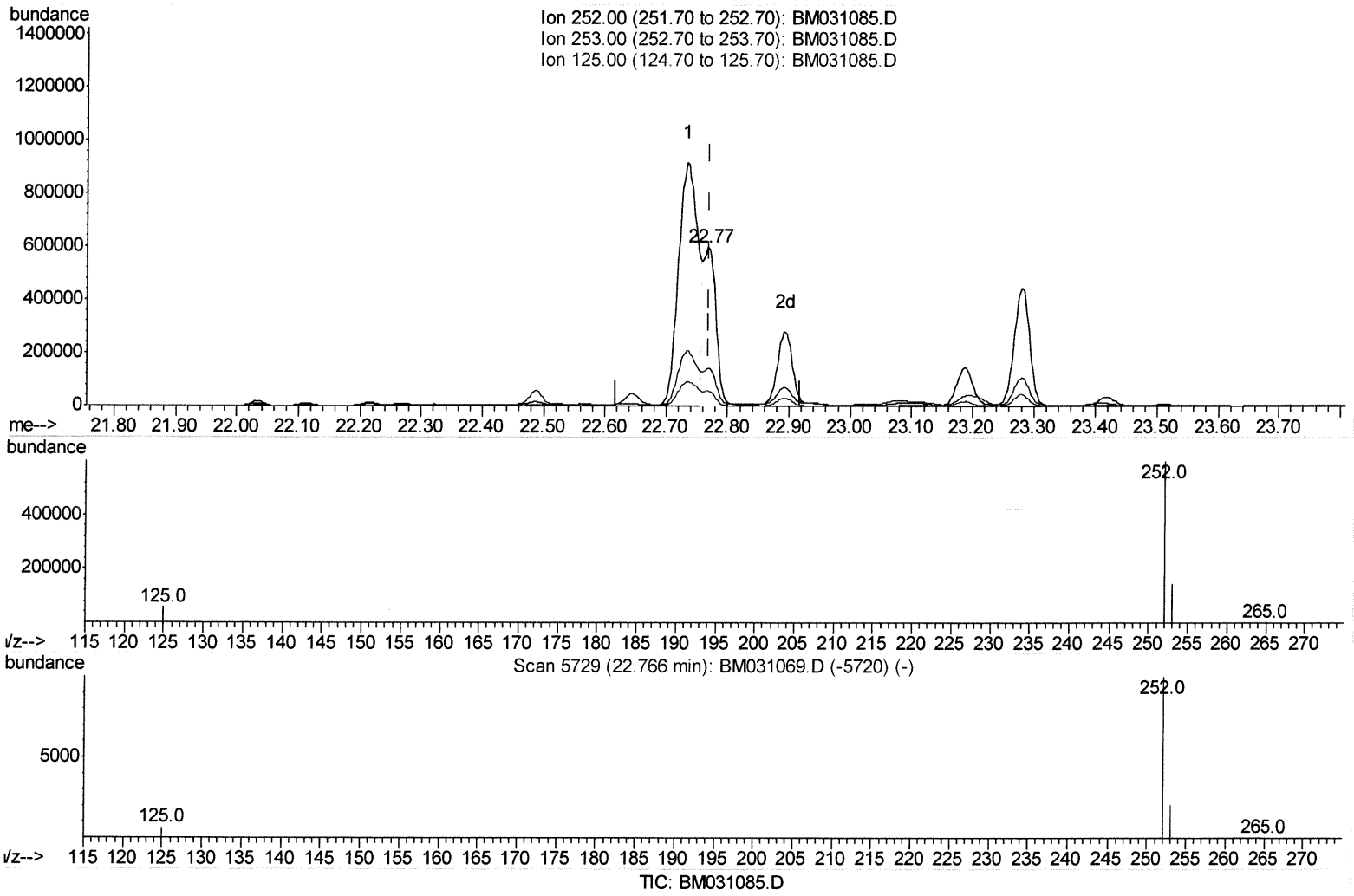
Ion	Exp%	Act%
252.00	100	100
253.00	27.00	22.65
125.00	10.80	9.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 23 10:38:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM



(25) Benzo(k)fluoranthene

22.767min (-0.001) 14.27ng/ul m 07/26/21 JU

response 910081

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	23.96
125.00	10.80	9.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031085.D
Acq On : 23 Jul 2021 09:58
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:17 AM

Quant Time: Jul 23 10:40:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1220	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	5103	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.26	164	3854	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	9400	0.40	ng/ul	0.00
17) Chrysene-d12	21.20	240	12756	0.40	ng/ul	0.00
23) Perylene-d12	23.37	264	13368	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	3328	2.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.99	152	1789	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.04	212	8146	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.44	128	27138	1.782	ng/ul	96
7) 2-Methylnaphthalene	12.06	142	4379	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.28	142	1032	0.096	ng/ul	96
10) Acenaphthylene	13.98	152	49371	3.133	ng/ul	96
11) Acenaphthene	14.32	153	31482	2.259	ng/ul	98
12) Fluorene	15.32	166	51385	3.133	ng/ul	99
15) Phenanthrene	17.05	178	1514594	50.734	ng/ul	99
16) Anthracene	17.14	178	634478	22.687	ng/ul	97
19) Fluoranthene	19.07	202	3757993	73.182	ng/ul#	94
20) Pyrene	19.43	202	2242696	42.780	ng/ul#	95
21) Benzo(a)anthracene	21.18	228	2262256m >	44.402	ng/ul >	07/26/21 JU
22) Chrysene	21.24	228	1768825	32.078	ng/ul	98
24) Benzo(b)fluoranthene	22.73	252	1969005m?	31.328	ng/ul?	
25) Benzo(k)fluoranthene	22.77	252	910081m?	14.271	ng/ul?	07/26/21 JU
26) Benzo(a)pyrene	23.28	252	768475	14.142	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.53	276	486576	6.836	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.54	278	213228	3.734	ng/ul	100
29) Benzo(g,h,i)perylene	26.19	276	15518	0.257	ng/ul#	73

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