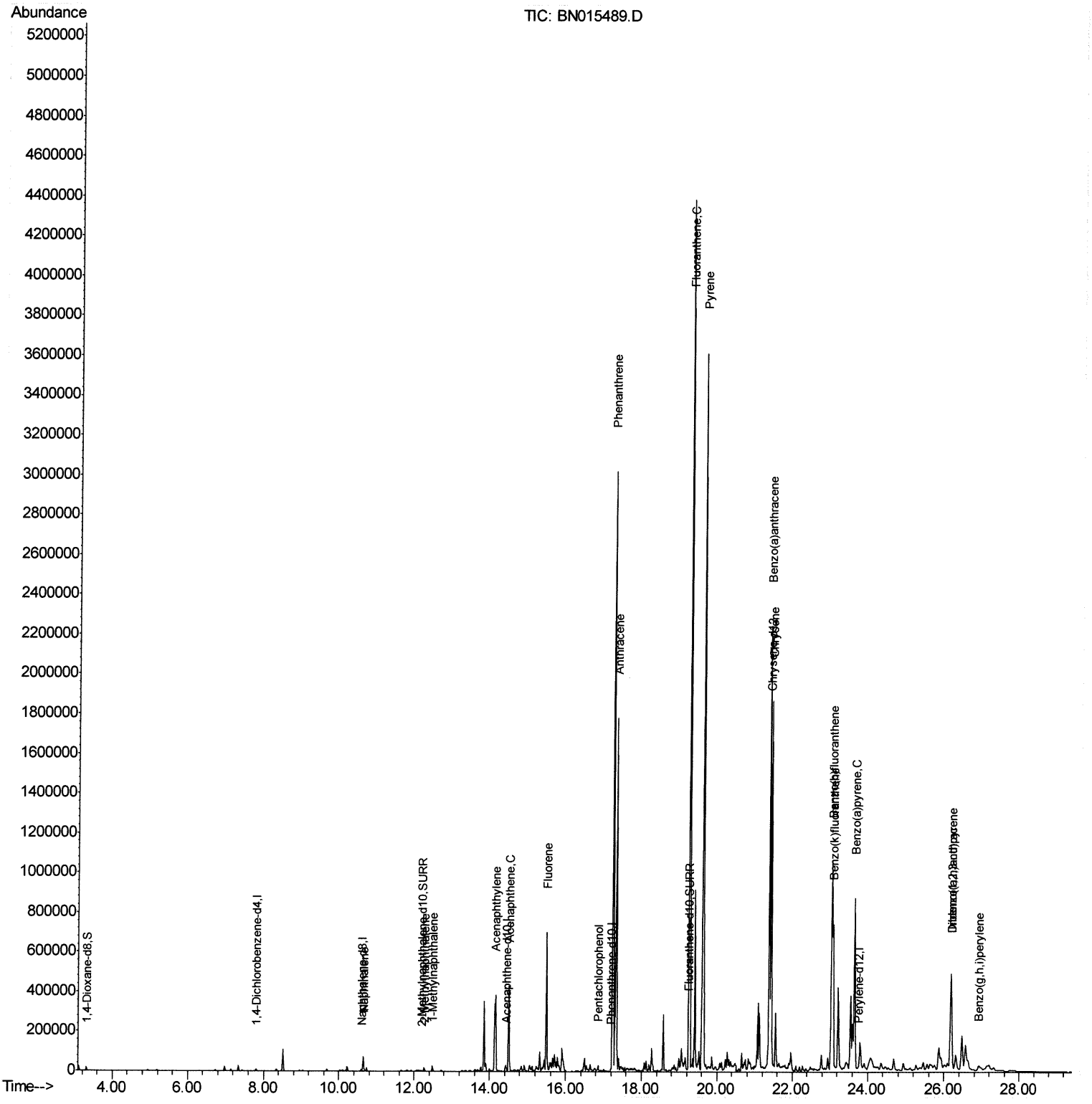
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:12:39 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDS2

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:10:51 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 : Mon Jul 12 11:02:52 2021
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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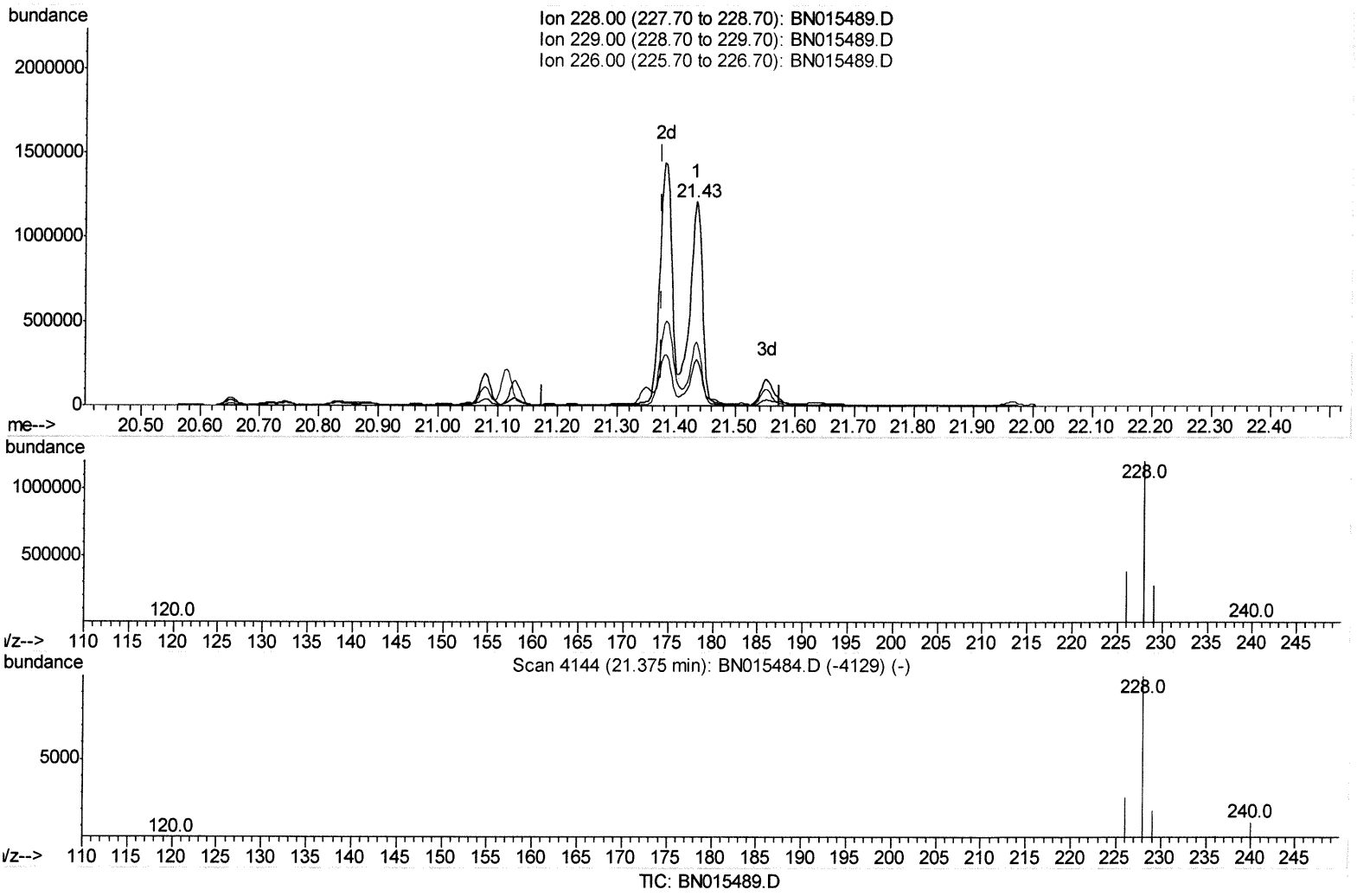

(21) Benzo(a)anthracene

21.433min (+0.058) 52.82ng/ul

response 1774813

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.56
226.00	27.30	31.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:10:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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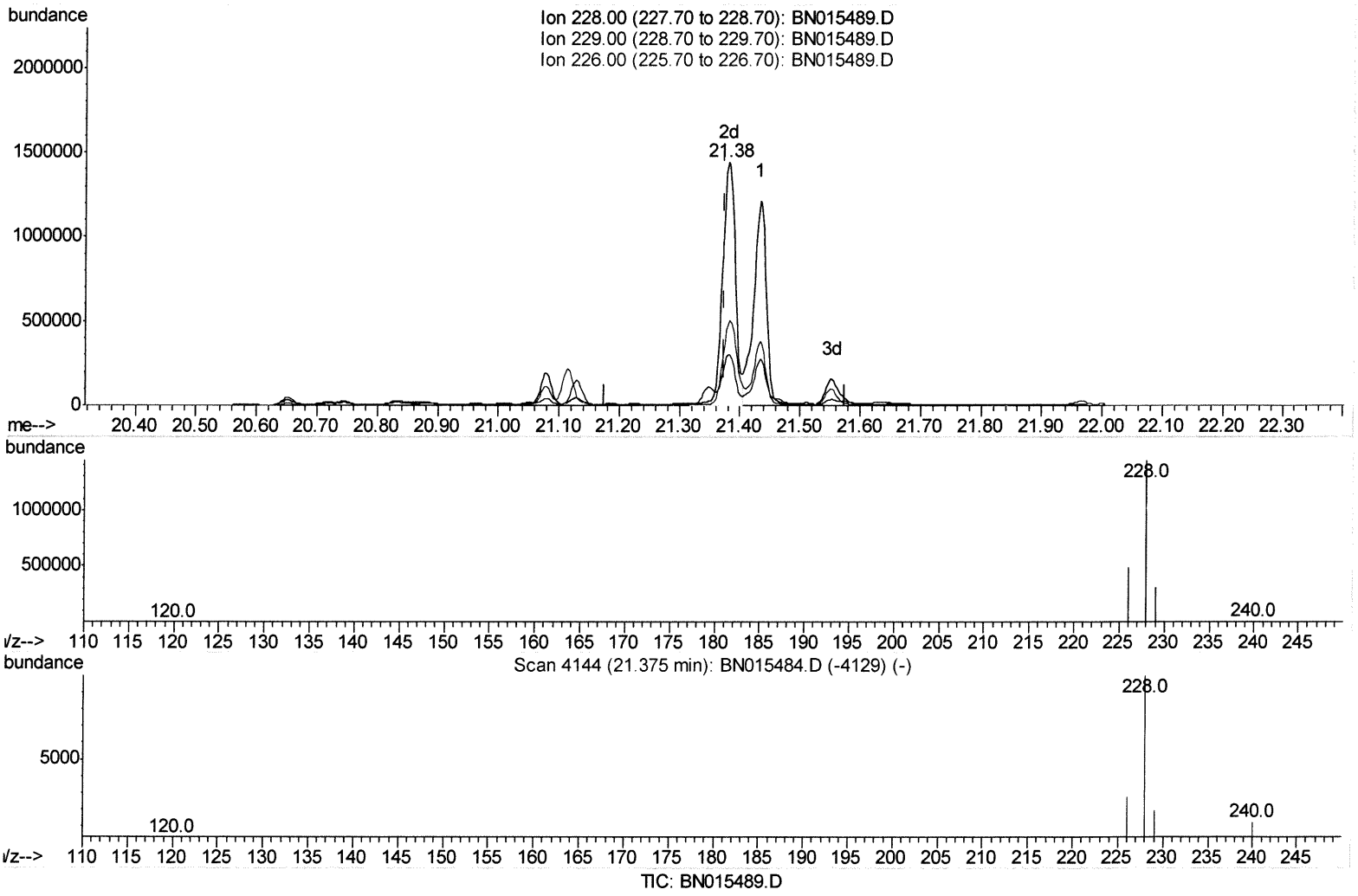
Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM



(21) Benzo(a)anthracene

21.380min (+0.006) 63.40ng/ul m

response 2130171

JG 7/14/21

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	21.04
226.00	27.30	33.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:10:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_N
ClientSampleId :
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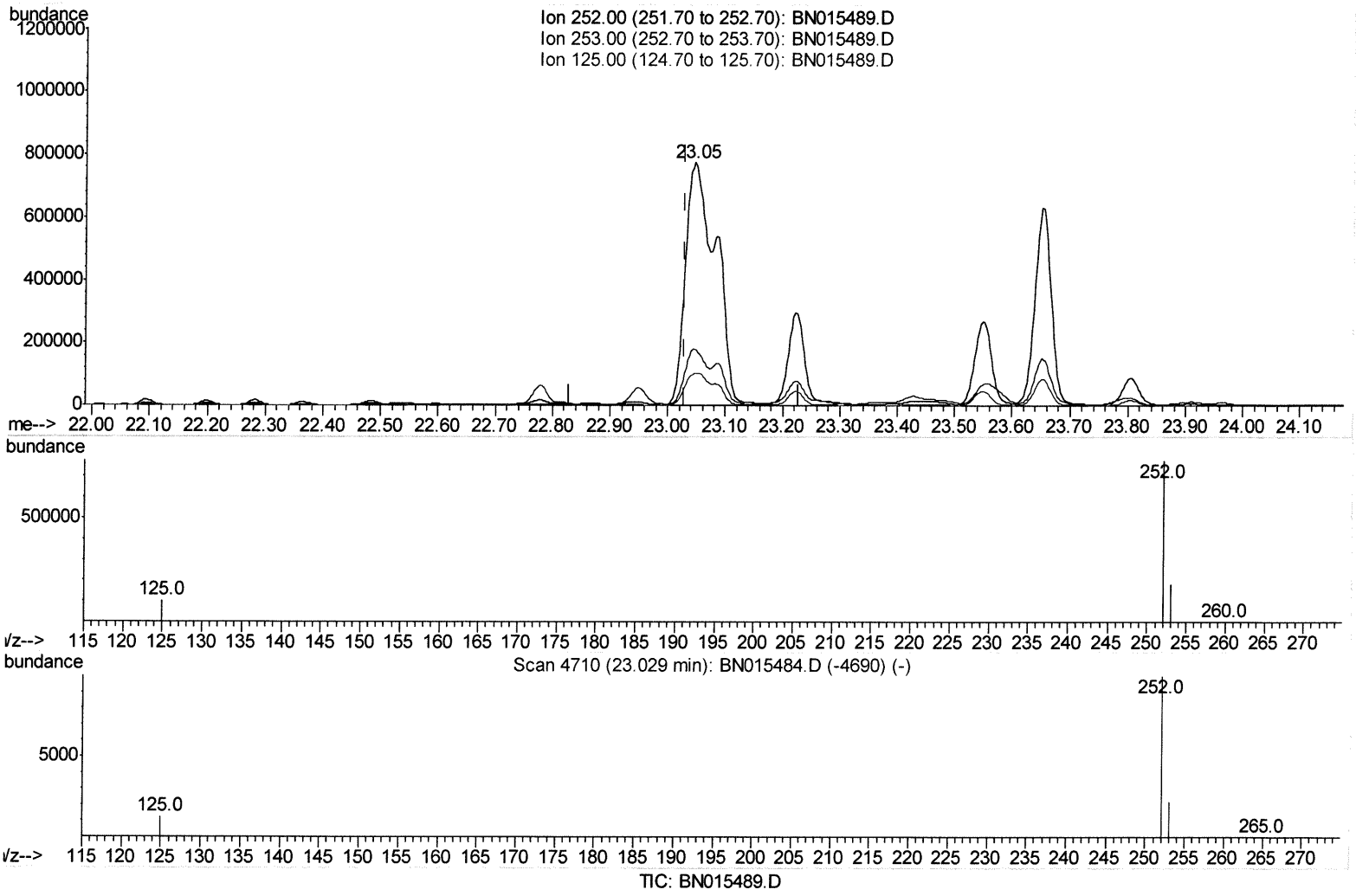
Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM



(24) Benzo(b)fluoranthene

23.046min (+0.017) 52.35ng/ul

response 2813714

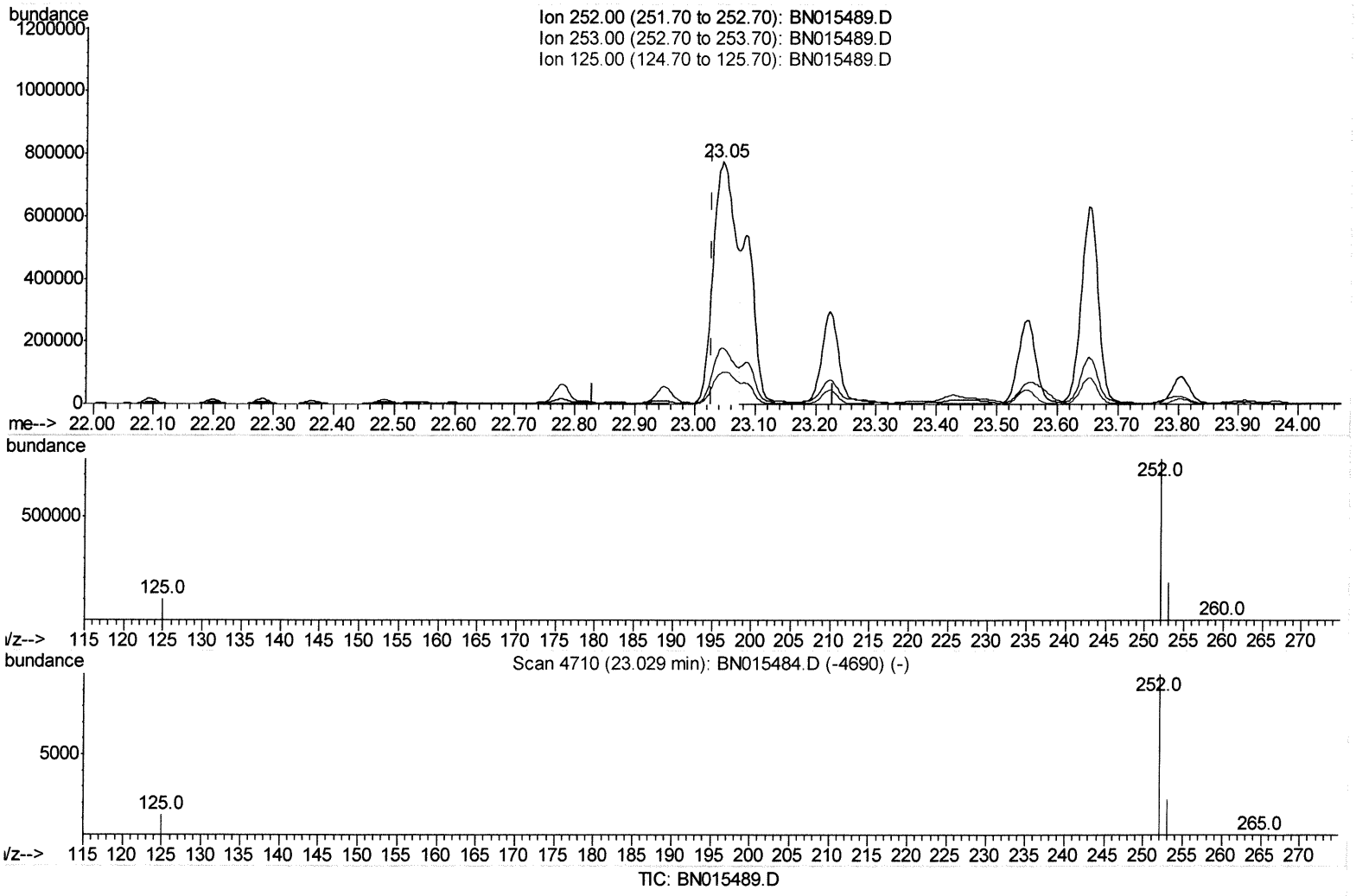
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.03
125.00	14.20	13.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:10:51 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDS2

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM



(24) Benzo(b)fluoranthene

23.046min (+0.017) 36.45ng/ul m

response 1958863

7/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.03
125.00	14.20	13.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:10:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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QLast Update : Mon Jul 12 11:02:52 2021
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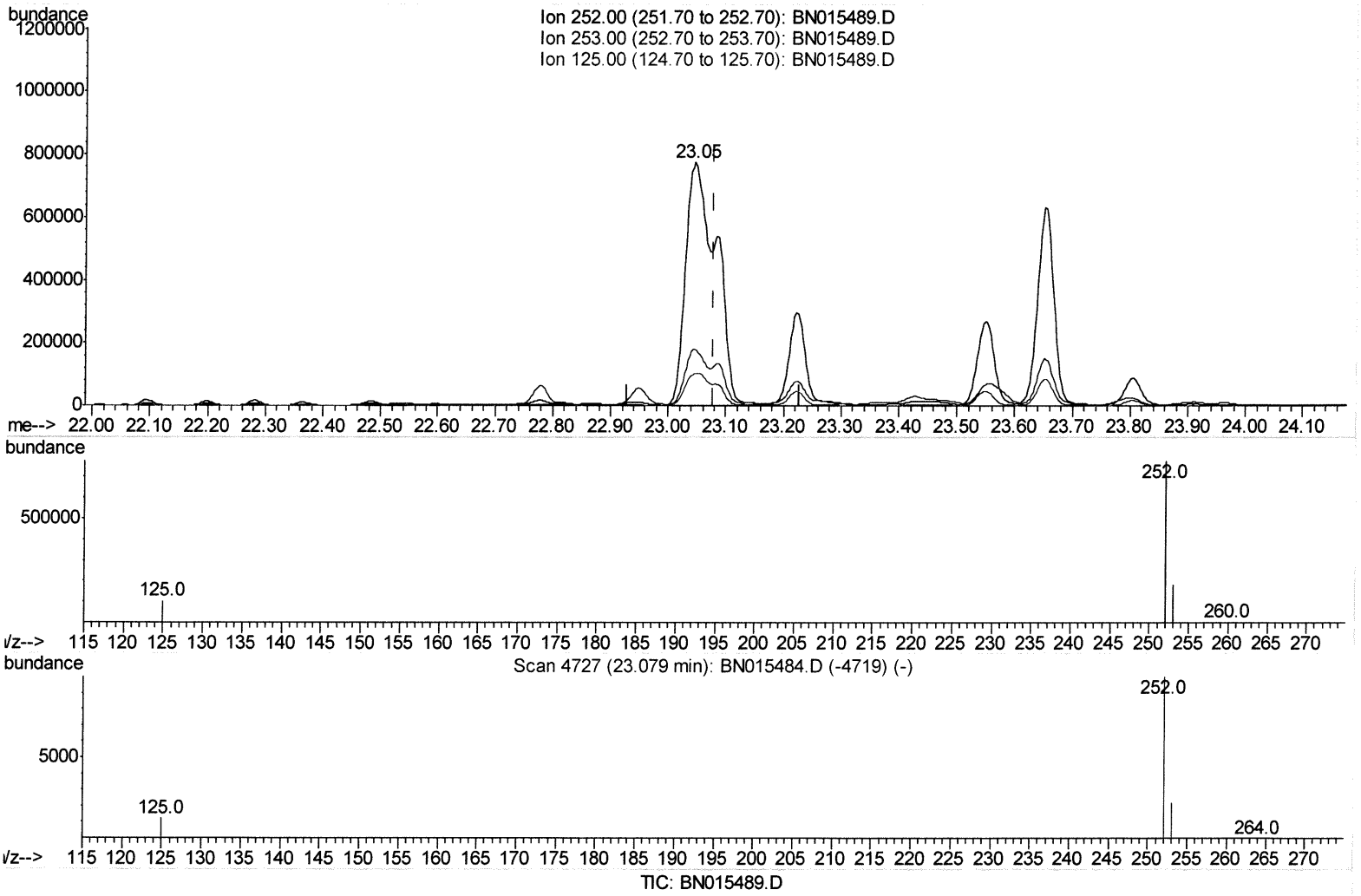
Instrument :
BNA_N
ClientSampleId :
BGDS2

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM



TIC: BN015489.D

(25) Benzo(k)fluoranthene

23.046min (-0.032) 46.39ng/ul

response 2813714

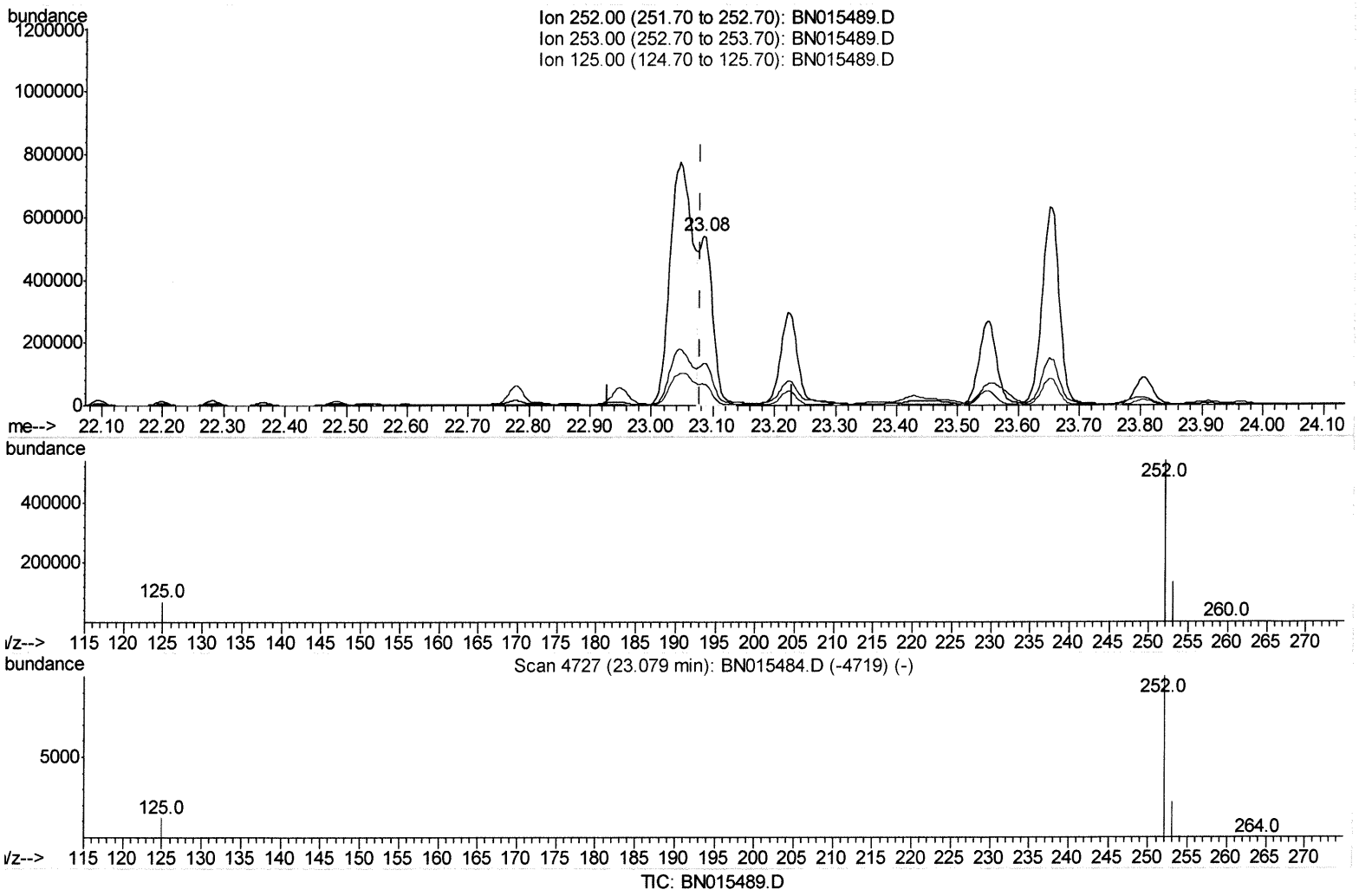
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.03
125.00	14.40	13.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 15:10:51 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDS2

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM



TIC: BN015489.D

(25) Benzo(k)fluoranthene

23.084min (+0.006) 14.31ng/ul m

response 868282

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.69
125.00	14.40	12.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDS2

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:52 PM

Quant Time: Jul 12 15:12:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3556	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	11821	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.45	164	7063	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.20	188	12235	0.40	ng/ul	0.00
17) Chrysene-d12	21.40	240	9070	0.40	ng/ul	0.00
23) Perylene-d12	23.75	264	11504	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	11635	2.90	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	3717	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.23	212	9002	0.30	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	96230	2.552	ng/ul	99
7) 2-Methylnaphthalene	12.26	142	13677	0.554	ng/ul	99
8) 1-Methylnaphthalene	12.48	142	18044	0.756	ng/ul	100
10) Acenaphthylene	14.16	152	432254	11.837	ng/ul	99
11) Acenaphthene	14.51	153	248609	8.884	ng/ul	99
12) Fluorene	15.50	166	439097	14.201	ng/ul	99
14) Pentachlorophenol	16.85	266	80	0.030	ng/ul	95
15) Phenanthrene	17.24	178	3632933	81.811	ng/ul	99
16) Anthracene	17.33	178	1907355	48.717	ng/ul	99
19) Fluoranthene	19.27	202	4318247	103.033	ng/ul	98
20) Pyrene	19.63	202	3370179	80.177	ng/ul	99
21) Benzo(a)anthracene	21.38	228	2130171m	63.401	ng/ul	99
22) Chrysene	21.43	228	1774813	44.125	ng/ul	97
24) Benzo(b)fluoranthene	23.05	252	1958863m	36.449	ng/ul	96
25) Benzo(k)fluoranthene	23.08	252	868282m	14.314	ng/ul	96
26) Benzo(a)pyrene	23.65	252	1229999	27.249	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.18	276	776507	14.243	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.20	278	237701	5.561	ng/ul	96
29) Benzo(g,h,i)perylene	26.92	276	64075	1.268	ng/ul#	92

JU 7/14/21

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