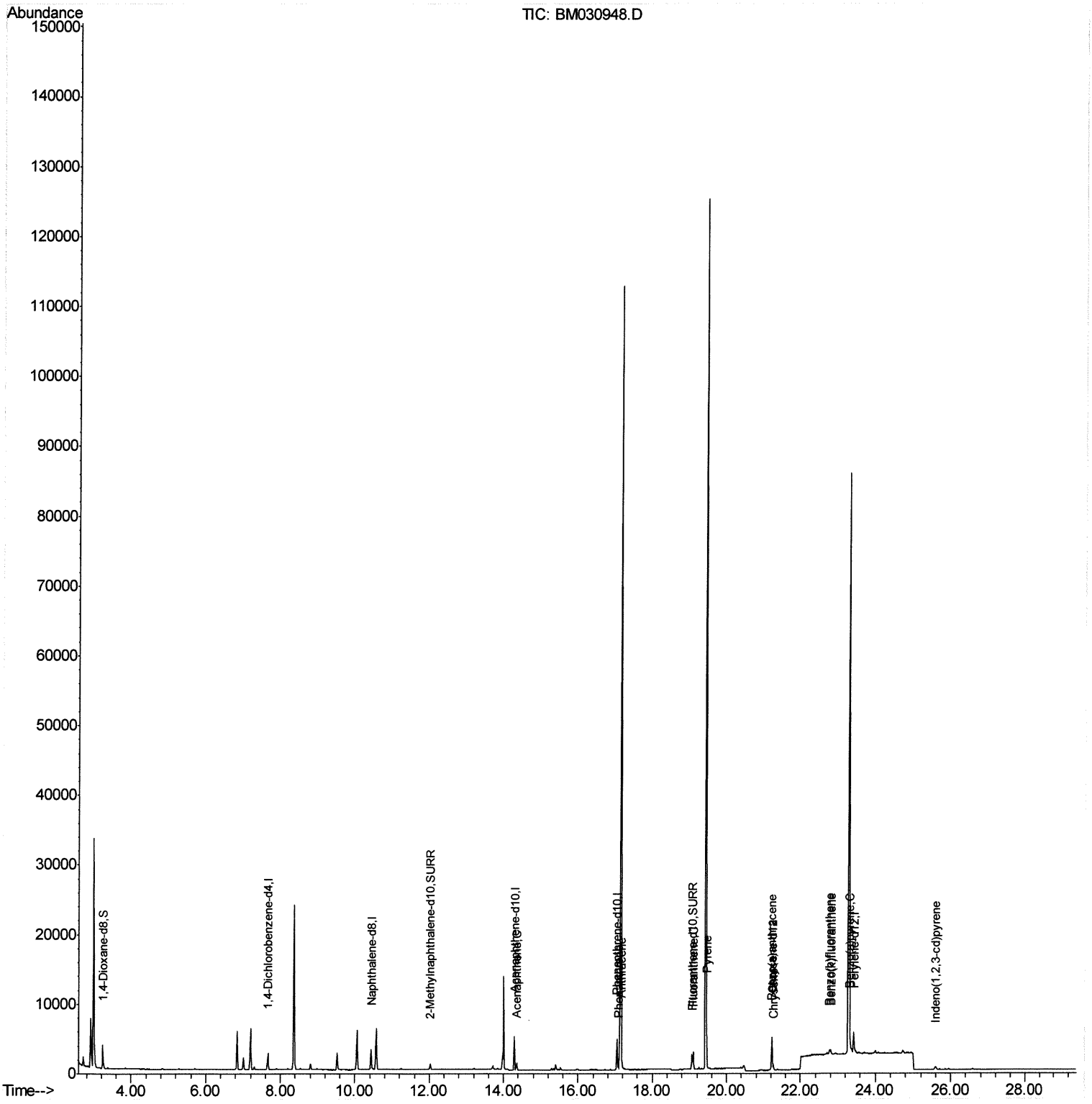
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:26:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
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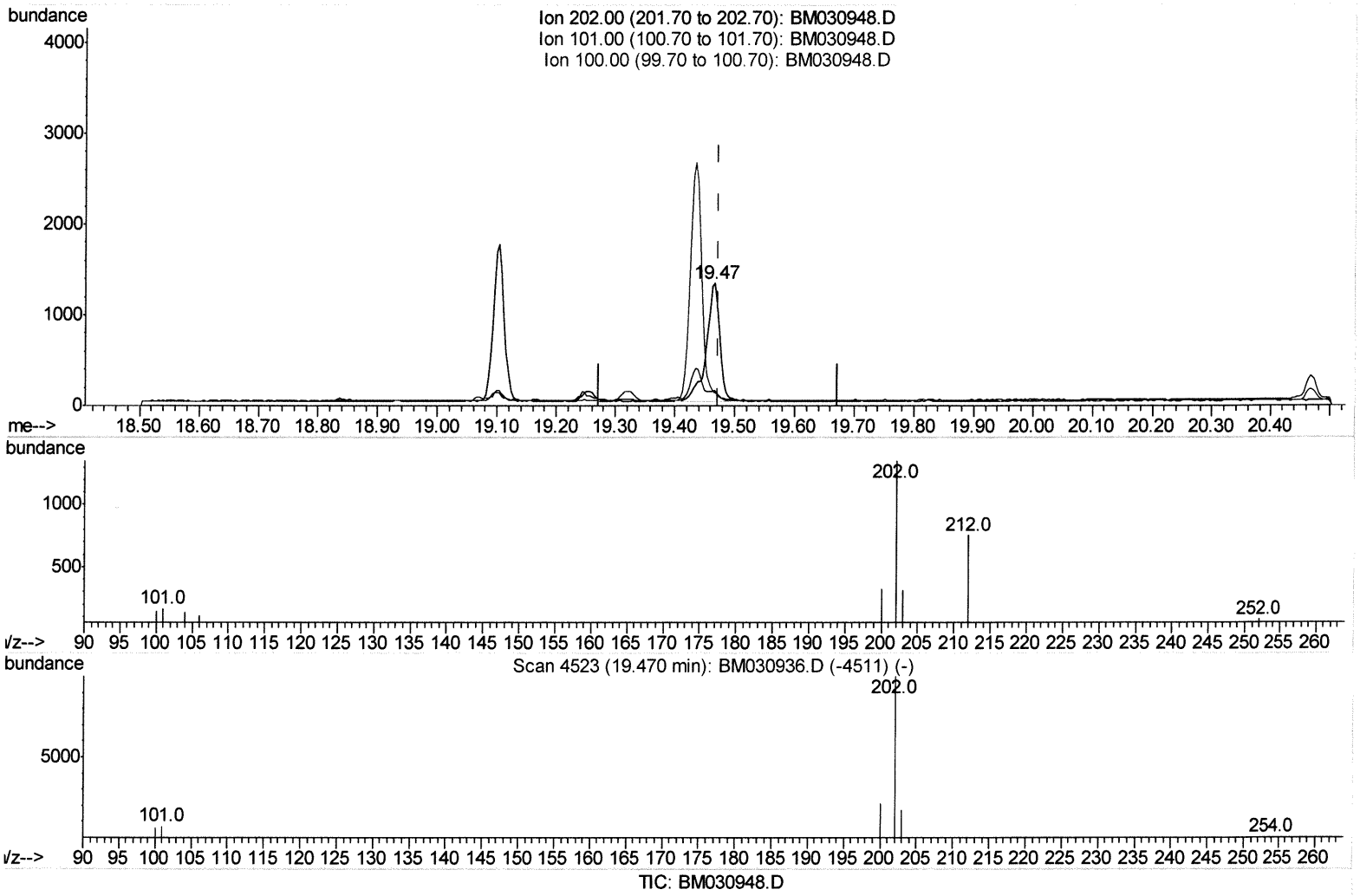

TIC: BM030948.D

(20) Pyrene

19.466min (-0.007) 0.11ng/ul

response 1980

Ion	Exp%	Act%
202.00	100	100
101.00	8.30	12.31#
100.00	7.00	10.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:24:07 2021
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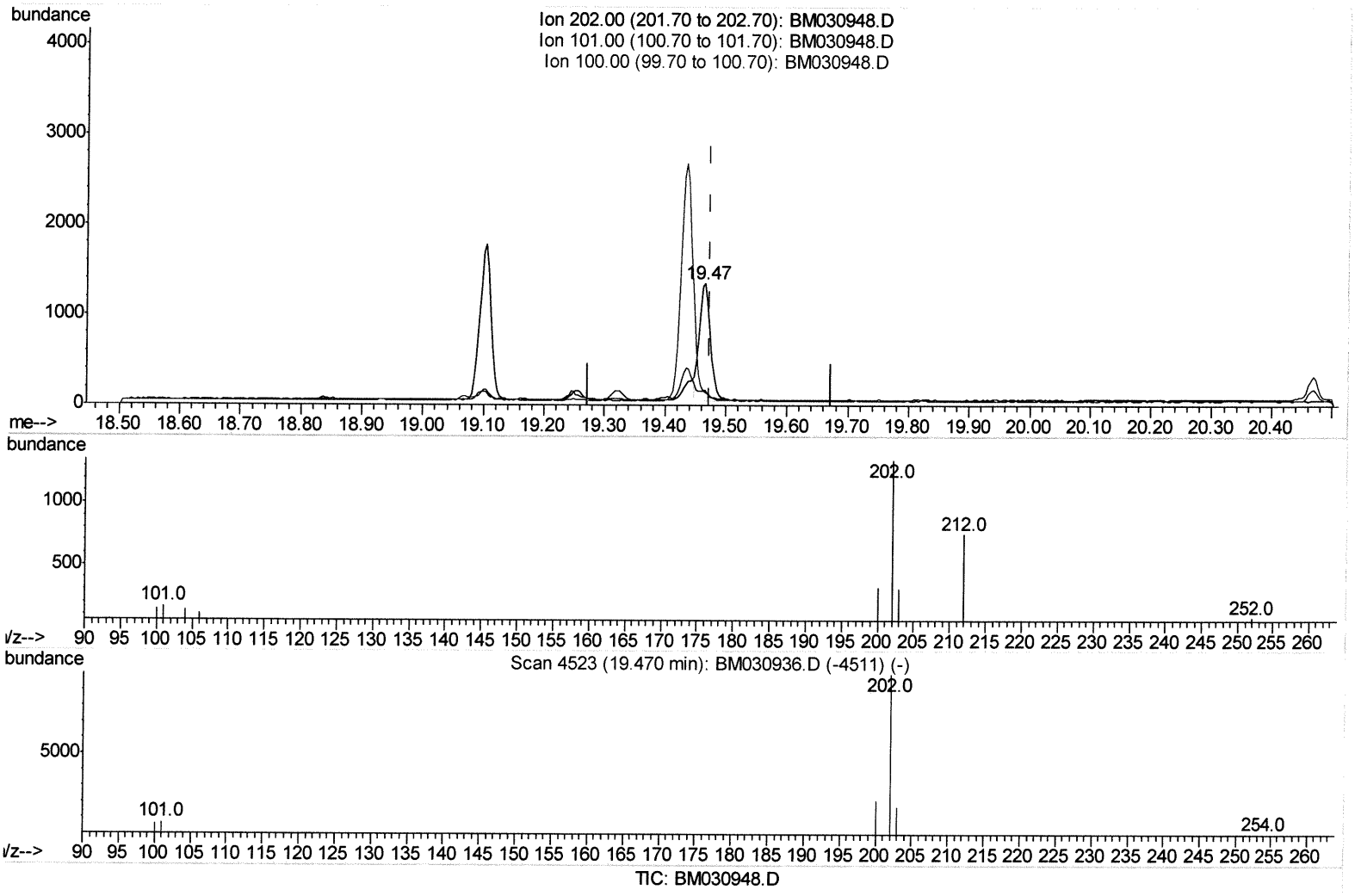
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM



TIC: BM030948.D

(20) Pyrene

19.466min (-0.007) 0.10ng/ul m

JU 7/15/21

response 1734

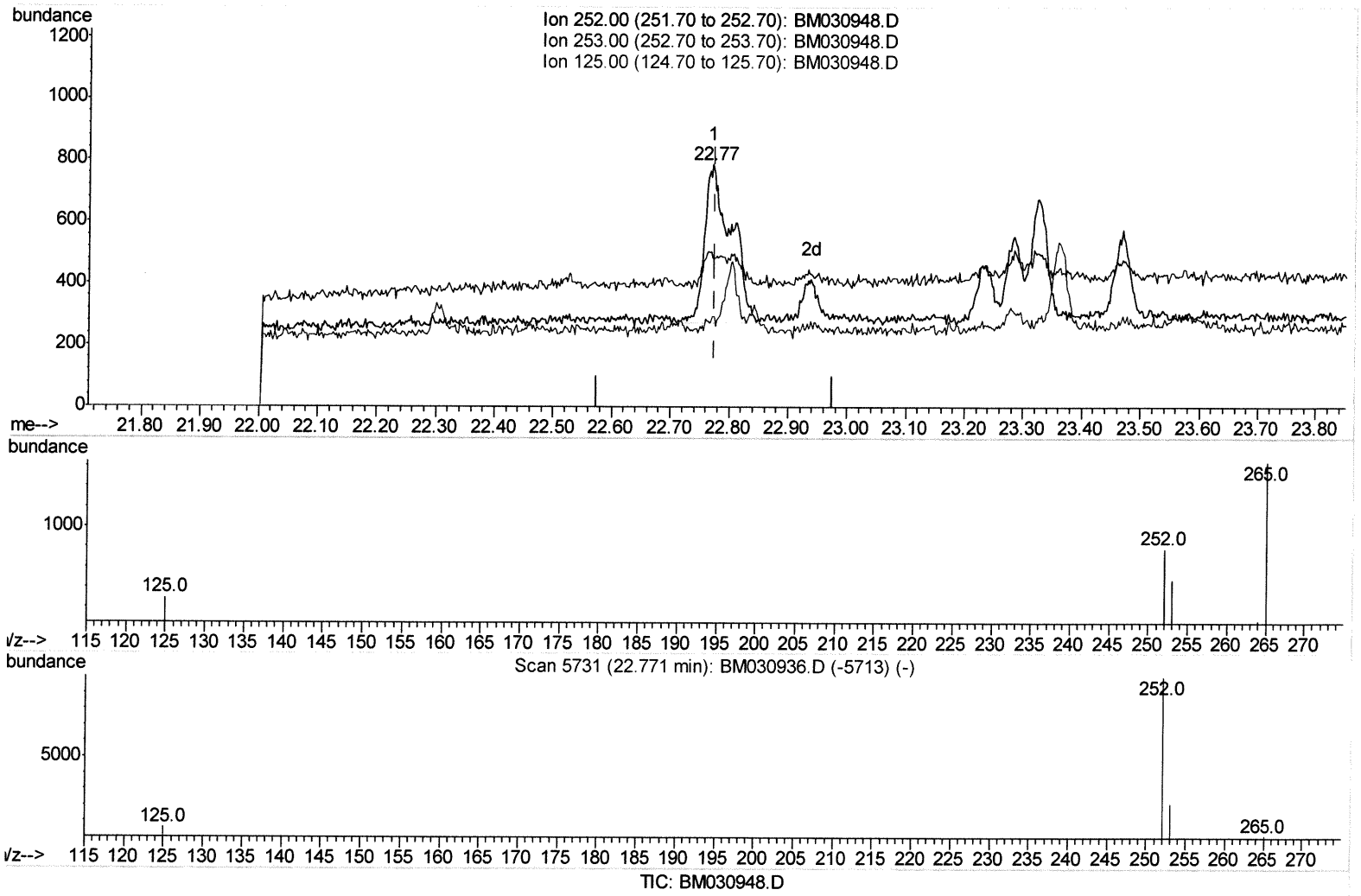
Ion	Exp%	Act%
202.00	100	100
101.00	8.30	12.31#
100.00	7.00	10.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM



TIC: BM030948.D

(24) Benzo(b)fluoranthene

22.771min (-0.005) 0.09ng/ul

response 1629

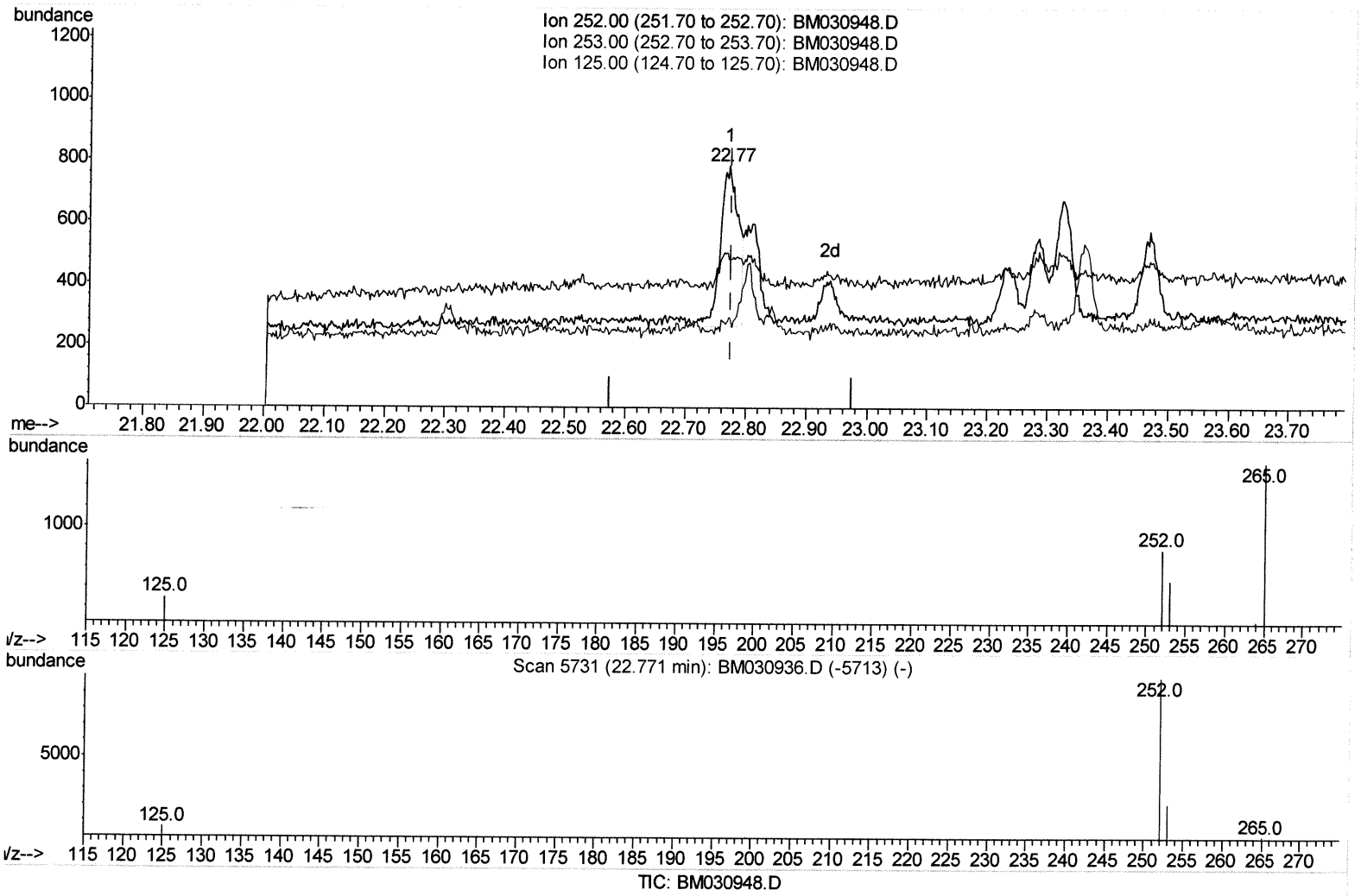
Ion	Exp%	Act%
252.00	100	100
253.00	31.00	61.37
125.00	11.60	37.36#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM



TIC: BM030948.D

(24) Benzo(b)fluoranthene

22.771min (-0.005) 0.06ng/ul m JU 7/15/21

response 1079

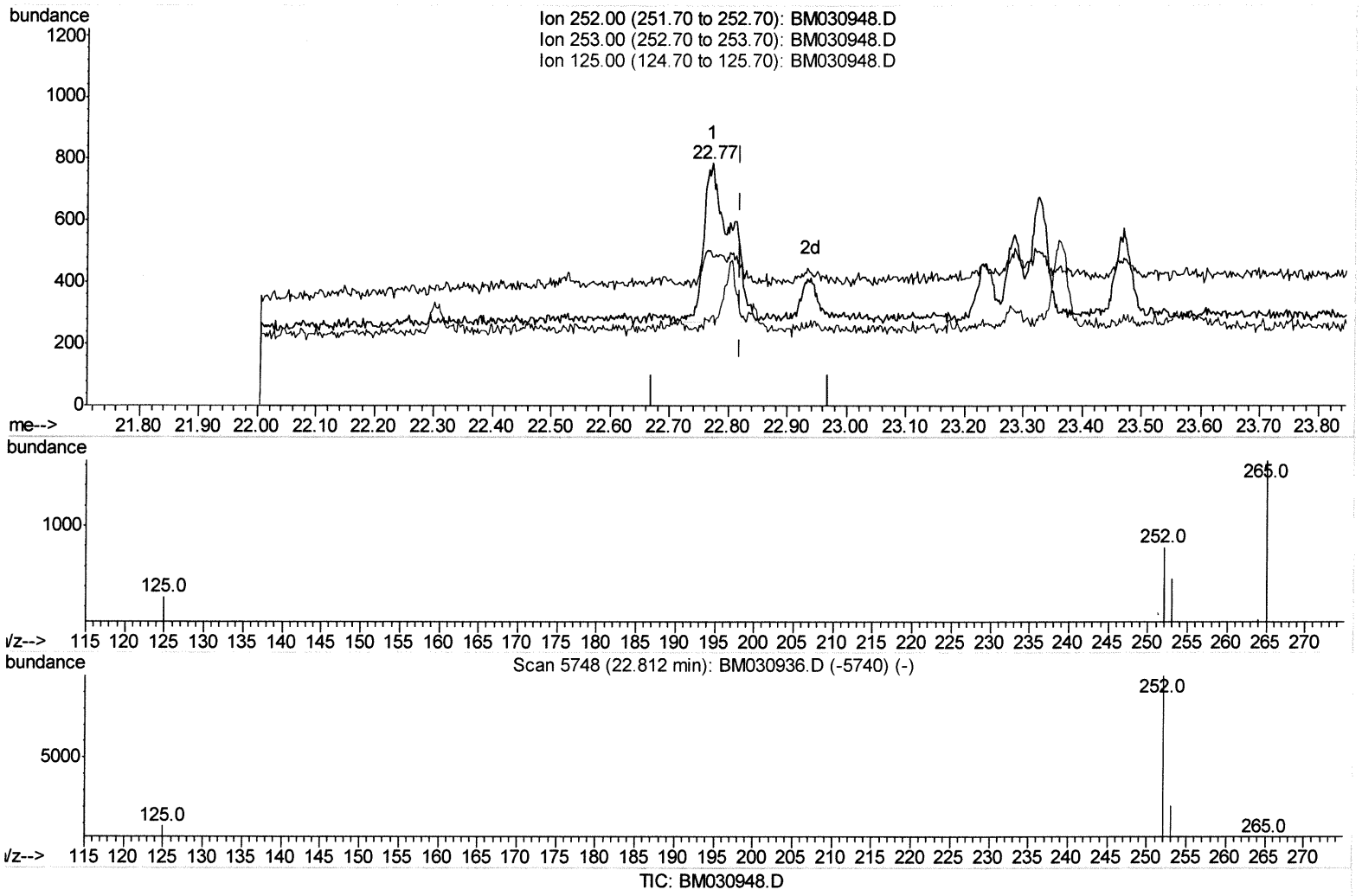
Ion	Exp%	Act%
252.00	100	100
253.00	31.00	61.37
125.00	11.60	37.36#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM



TIC: BM030948.D

(25) Benzo(k)fluoranthene

22.771min (-0.048) 0.09ng/ul

response 1626

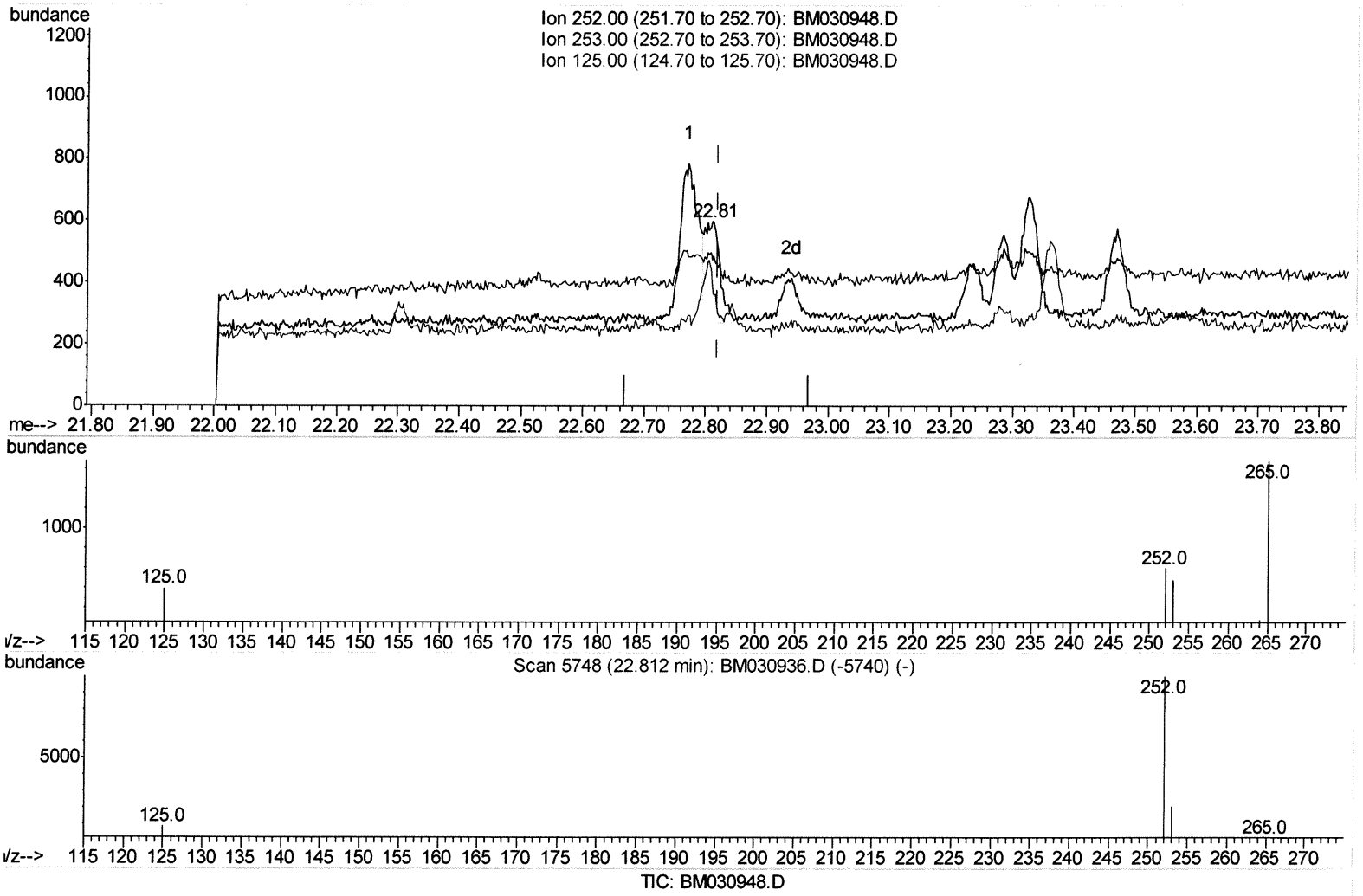
Ion	Exp%	Act%
252.00	100	100
253.00	30.40	61.37#
125.00	12.30	37.36#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 04:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM



(25) Benzo(k)fluoranthene

22.810min (-0.010) 0.03ng/ul m

7/7/15/21

response 583

Ion	Exp%	Act%
252.00	100	100
253.00	30.40	79.19#
125.00	12.30	65.60#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030948.D
Acq On : 14 Jul 2021 01:47
Operator : CG/JU
Sample : M2878-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDZ9

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:54 PM

Quant Time: Jul 14 04:26:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1092	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	3833	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.30	164	2614	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.04	188	5365	0.40	ng/ul	0.00
17) Chrysene-d12	21.23	240	3915	0.40	ng/ul	0.00
23) Perylene-d12	23.42	264	3903	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1892	1.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.03	152	1061	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.07	212	2407	0.18	ng/ul	0.00
Target Compounds						Qvalue
11) Acenaphthene	14.36	153	628	0.068	ng/ul	96
15) Phenanthrene	17.08	178	1079	0.064	ng/ul#	89
16) Anthracene	17.17	178	427	0.026	ng/ul#	68
19) Fluoranthene	19.10	202	2200	0.128	ng/ul#	95
20) Pyrene	19.47	202	1734m>	0.099	ng/ul	> JU 7/15/21
21) Benzo(a)anthracene	21.21	228	1036	0.061	ng/ul#	86
22) Chrysene	21.26	228	890	0.051	ng/ul#	89
24) Benzo(b)fluoranthene	22.77	252	1079m	0.057	ng/ul	JU 7/15/21
25) Benzo(k)fluoranthene	22.81	252	583m	0.031	ng/ul	
26) Benzo(a)pyrene	23.33	252	693	0.042	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	25.60	276	488	0.022	ng/ul#	78

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