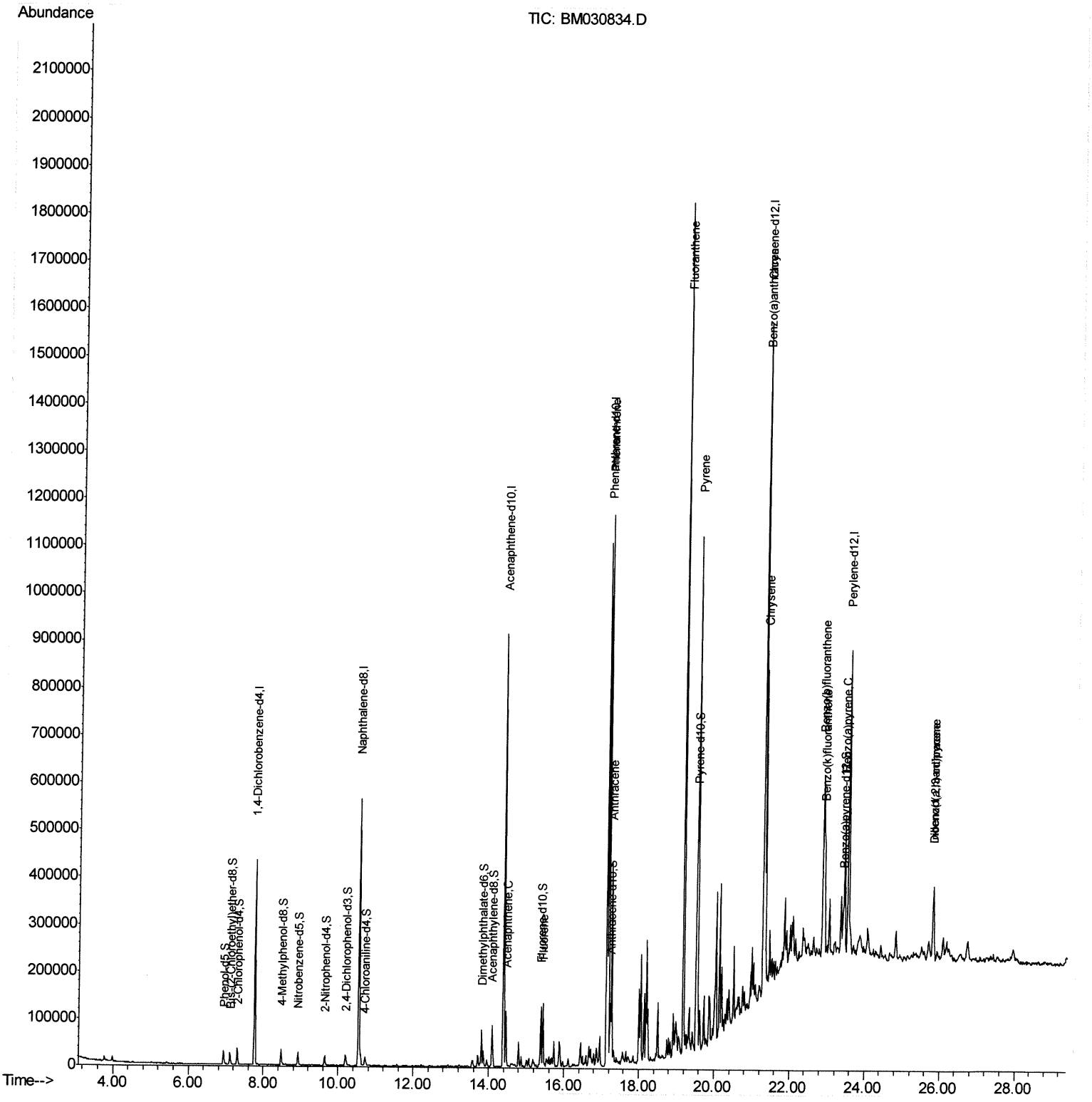
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 06:24:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:21 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 04:27:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
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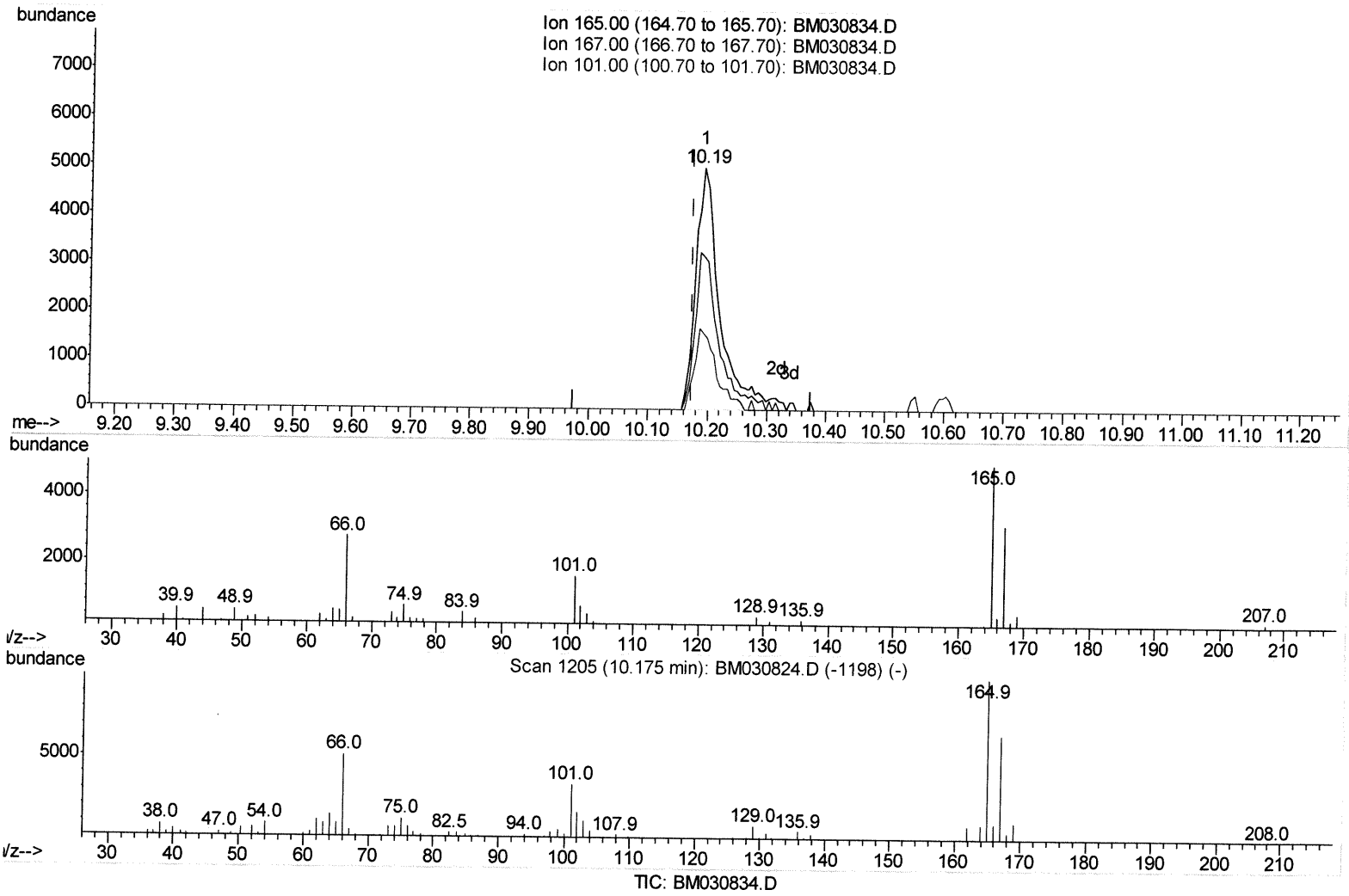

TIC: BM030834.D

(28) 2,4-Dichlorophenol-d3 (S)

10.192min (+0.018) 1.81ng/ul

response 13252

Ion	Exp%	Act%
165.00	100	100
167.00	63.40	63.79
101.00	33.60	31.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 04:27:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
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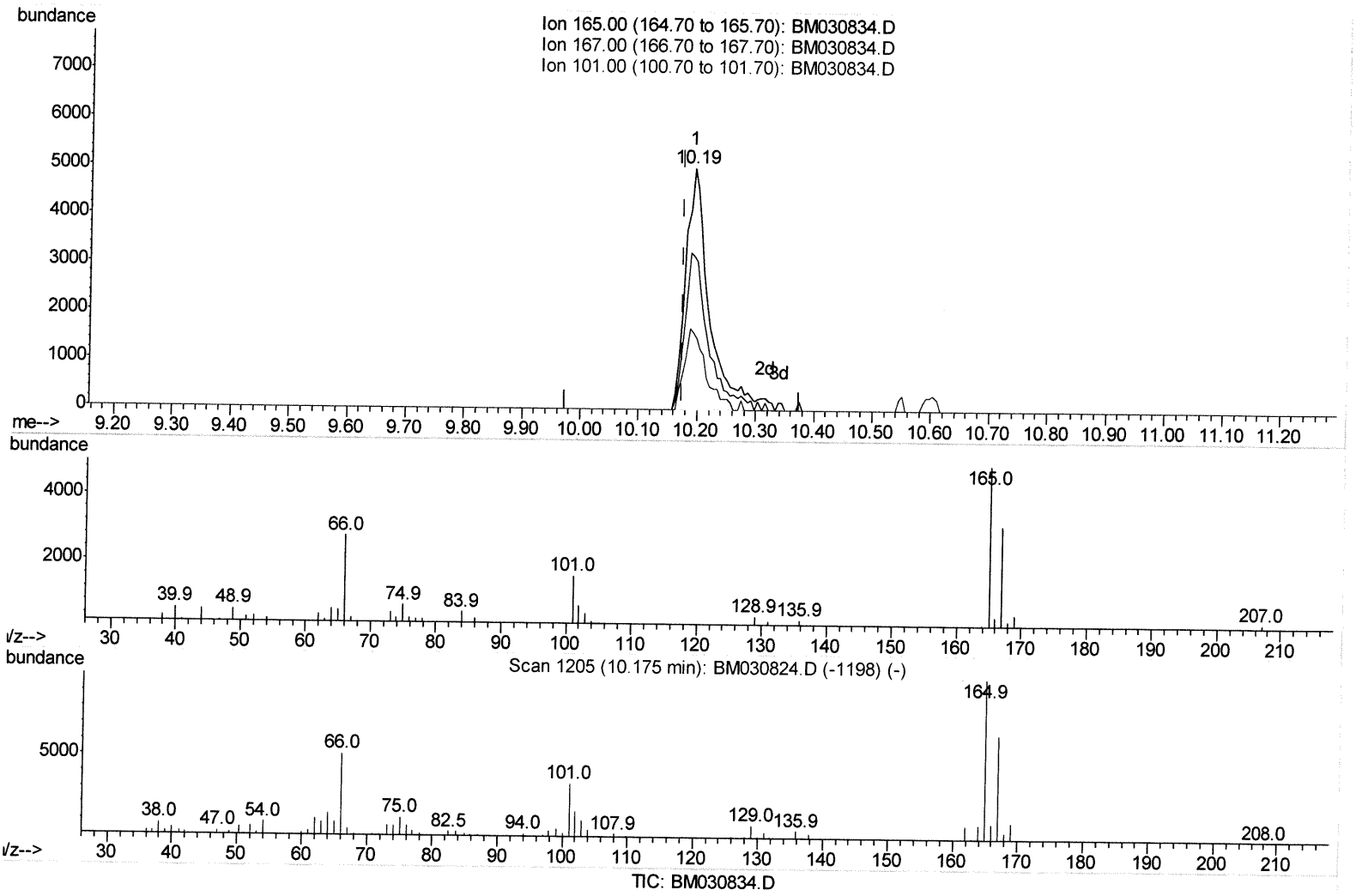

(28) 2,4-Dichlorophenol-d3 (S)

10.192min (+0.018) 1.89ng/ul m

response 13830

Ion	Exp%	Act%
165.00	100	100
167.00	63.40	63.79
101.00	33.60	31.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 04:30:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
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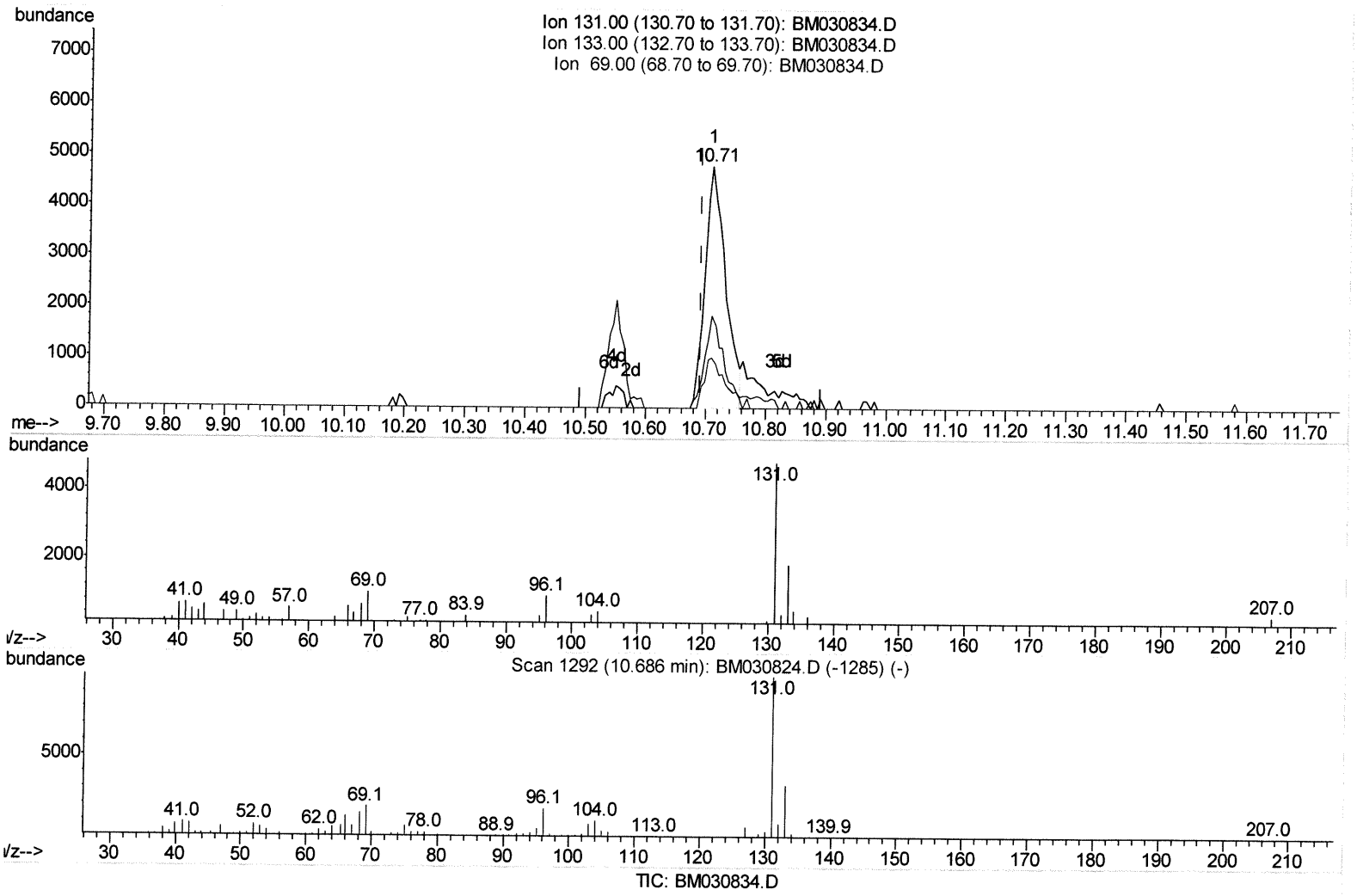

TIC: BM030834.D

(31) 4-Chloroaniline-d4 (S)

10.710min (+0.018) 1.10ng/ul

response 11447

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	38.10
69.00	17.30	21.12#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 04:30:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
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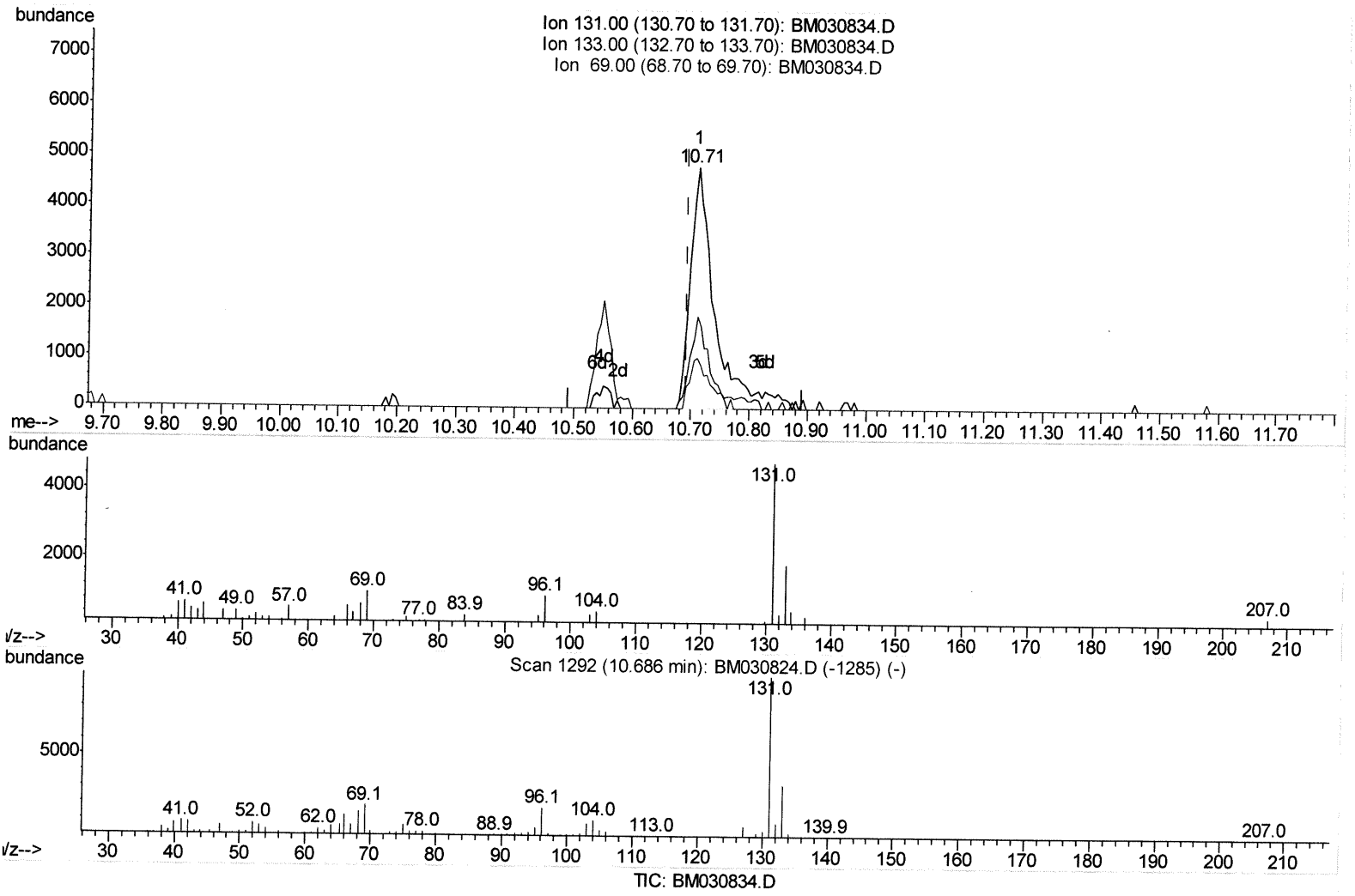

TIC: BM030834.D

(31) 4-Chloroaniline-d4 (S)

10.710min (+0.018) 1.25ng/ul m

response 12992

JU 7/8/21

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	38.10
69.00	17.30	21.12#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 04:31:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
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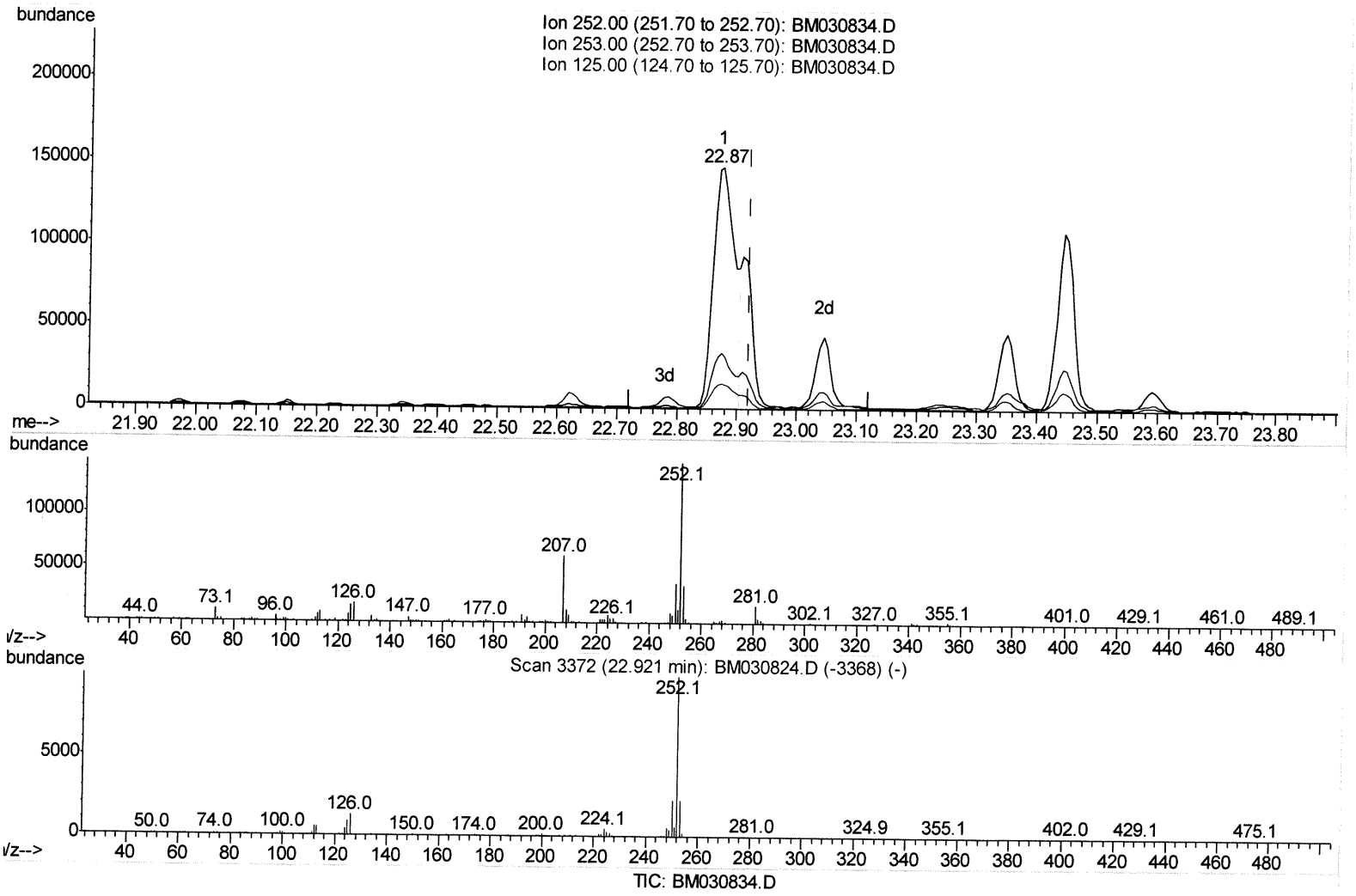


(91) Benzo(k)fluoranthene

22.874min (-0.047) 13.22ng/ul

response 368174

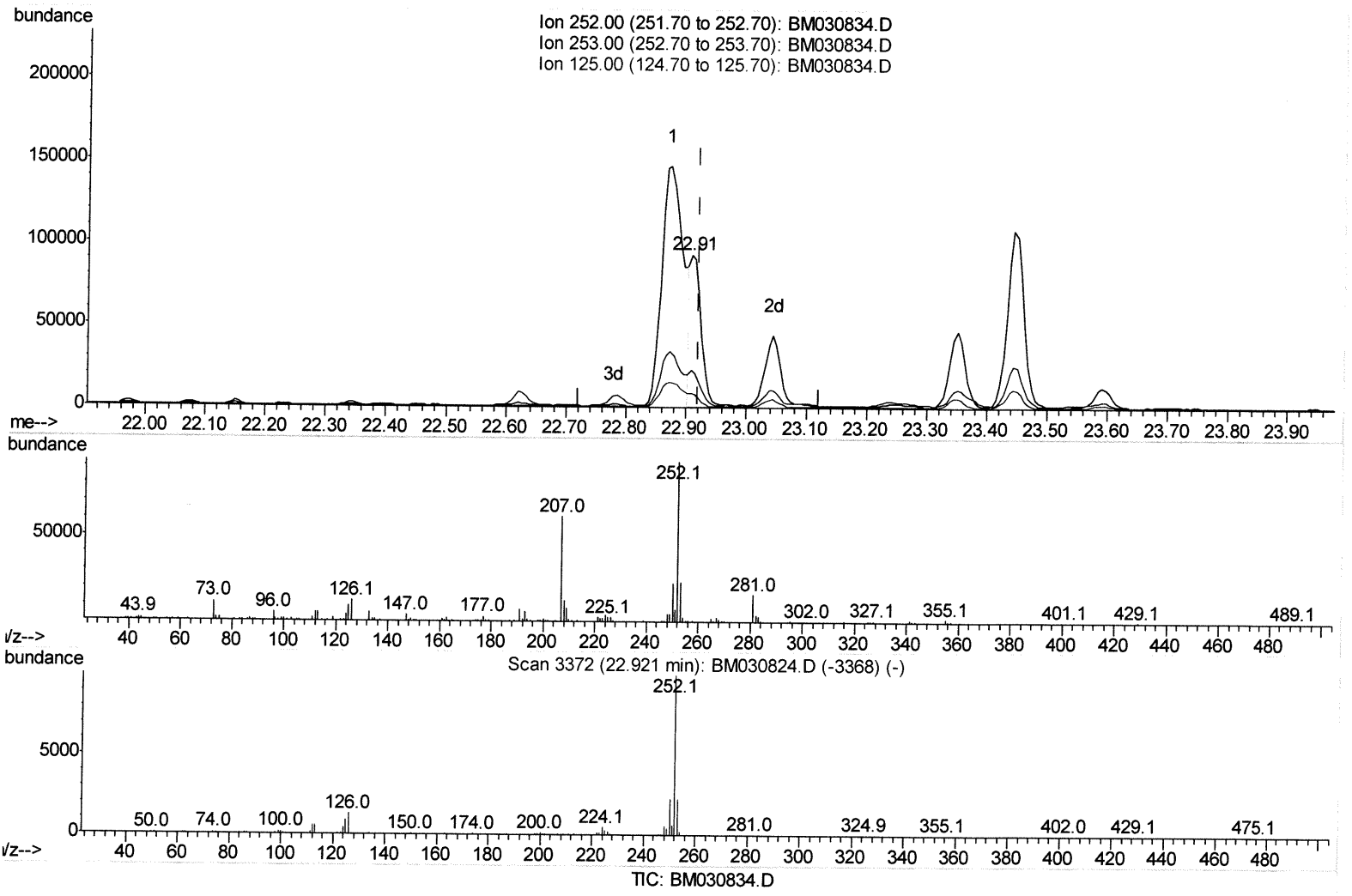
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.23
125.00	9.20	10.69
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 07 04:31:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:21 PM



TIC: BM030834.D

(91) Benzo(k)fluoranthene

22.909min (-0.012) 4.12ng/ul m

response 114682

7/7/21

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.66
125.00	9.20	9.66
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030834.D
Acq On : 06 Jul 2021 23:59
Operator : CG/JU
Sample : M2869-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX4DL

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:21 PM

Quant Time: Jul 07 06:24:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	112546	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	466987	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	308738	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	629600	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	489905	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	444822	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	1012	0.35	ng/uL	0.01
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.94	99	17567	1.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	12948	2.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	15388	2.04	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	14311	1.82	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	6630	1.91	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	6696	1.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	13830m	1.89	ng/ul	0.02
31) 4-Chloroaniline-d4	10.71	131	12992m	1.25	ng/ul	0.02
46) Dimethylphthalate-d6	13.81	166	54778	2.53	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	58599	2.15	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.39	176	49179	2.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	2268	0.56	ng/ul	0.00
73) Anthracene-d10	17.23	188	75487	2.57	ng/ul	0.00
81) Pyrene-d10	19.52	212	73442	2.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	46536	2.03	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.46	153	46691	2.509	ng/ul	98
61) Fluorene	15.44	166	53119	2.461	ng/ul	99
72) Phenanthrene	17.17	178	680637	20.260	ng/ul	99
74) Anthracene	17.26	178	256284	7.425	ng/ul	100
80) Fluoranthene	19.19	202	975429	29.278	ng/ul	99
82) Pyrene	19.55	202	690844	20.007	ng/ul	99
85) Benzo(a)anthracene	21.29	228	425961	13.907	ng/ul	97
87) Chrysene	21.34	228	340174	11.287	ng/ul	99
90) Benzo(b)fluoranthene	22.87	252	368174	12.849	ng/ul	97
91) Benzo(k)fluoranthene	22.91	252	114682m	4.118	ng/ul	96
93) Benzo(a)pyrene	23.44	252	202418	7.983	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.81	276	132473	4.201	ng/ul	97
95) Dibenzo(a,h)anthracene	25.82	278	42261	1.598	ng/ul#	80

7/7/21

7/8/21

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