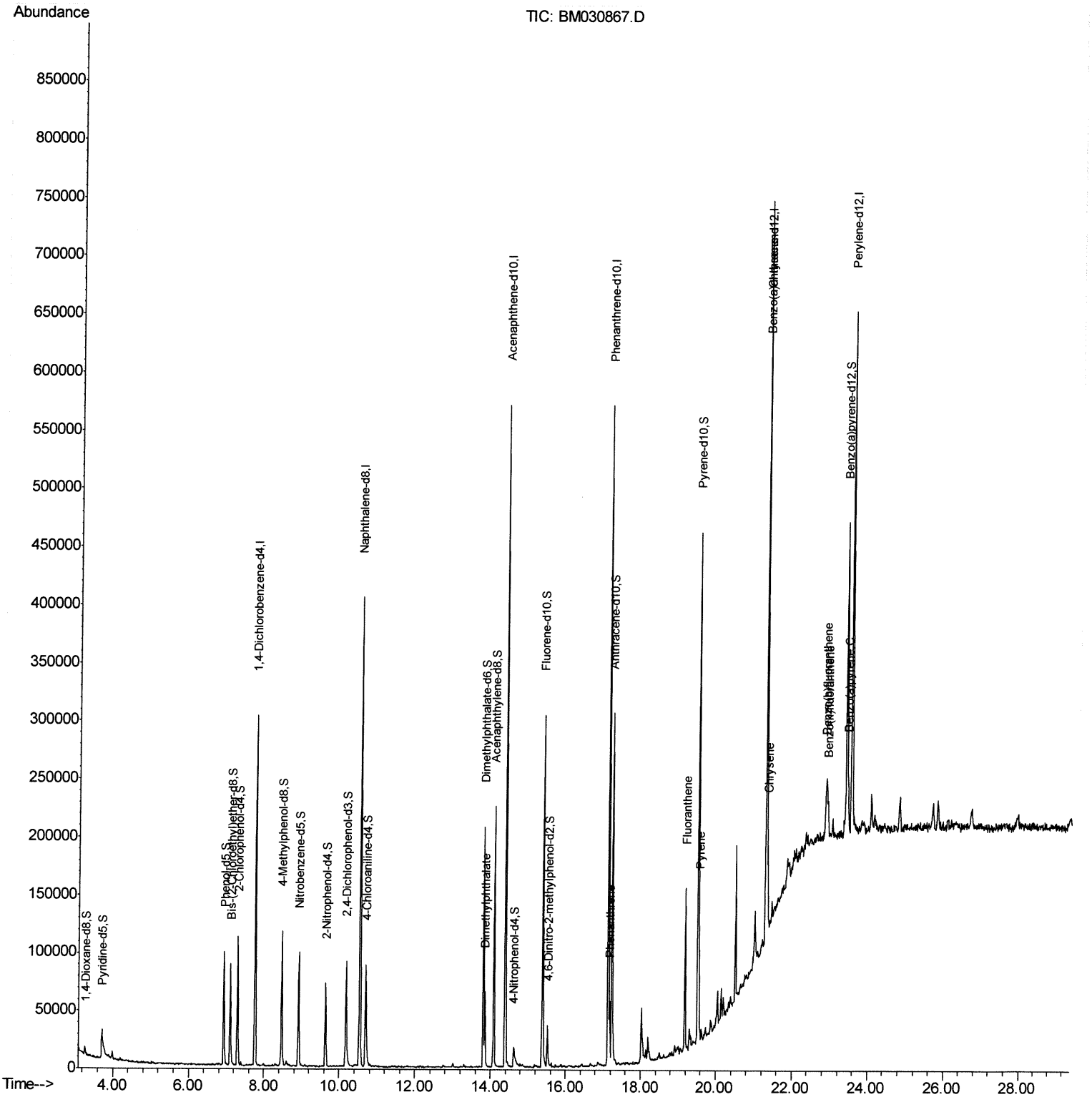
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 08 01:48:56 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 :
BGE06

Manual Integrations APPROVED
mohammad
7/8/2021 12:38:16 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 08 01:46:55 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 :
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Manual Integrations APPROVED
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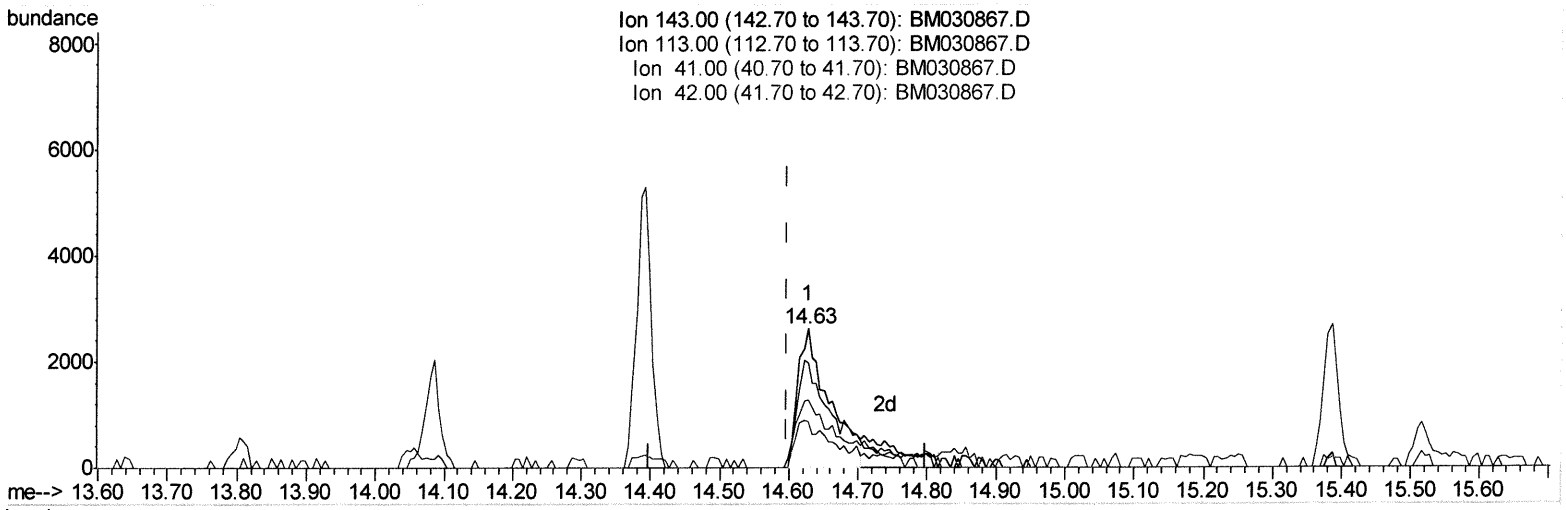

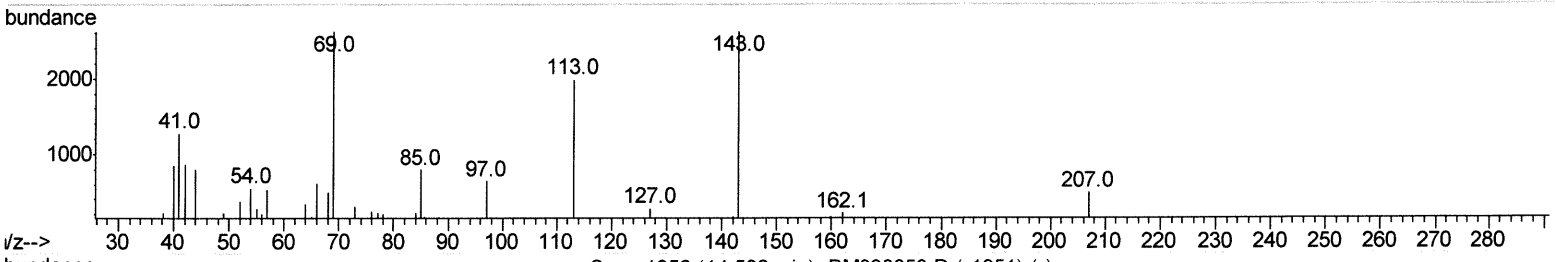

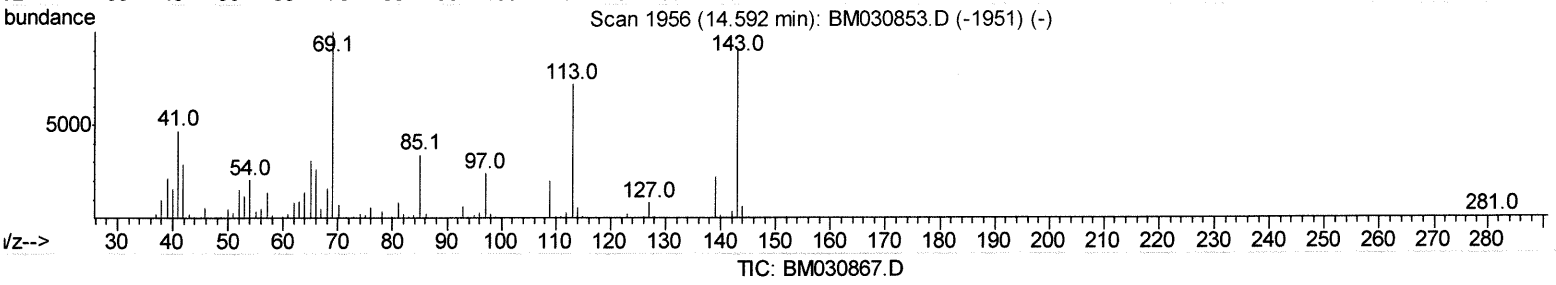

TIC: BM030867.D

(54) 4-Nitrophenol-d4 (S)

14.627min (+0.029) 3.62ng/ul

response 8203

Ion	Exp%	Act%
143.00	100	100
113.00	76.90	75.60
41.00	50.00	48.57
42.00	34.80	32.83

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
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Misc :
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Quant Time: Jul 08 01:46:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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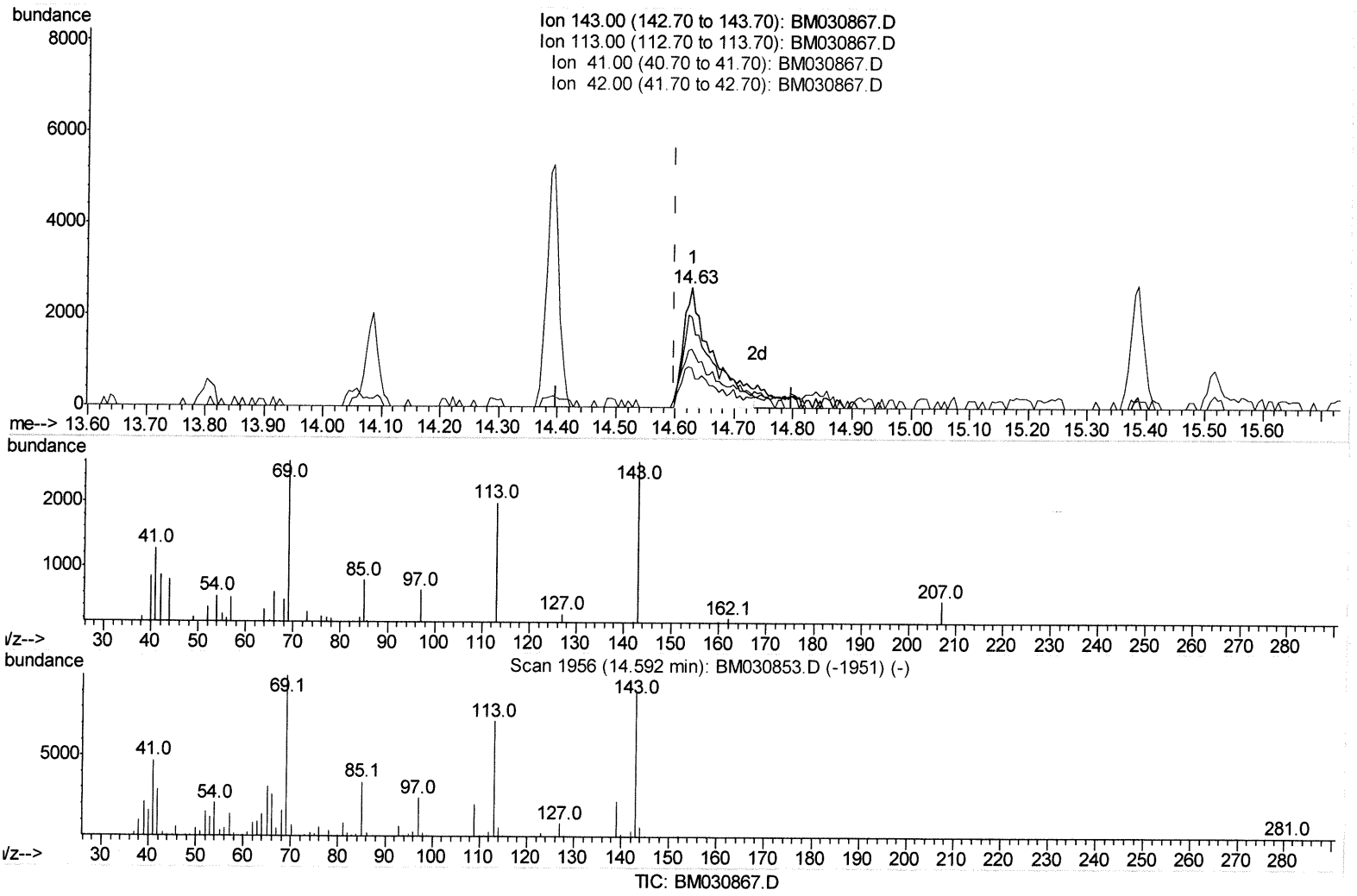

(54) 4-Nitrophenol-d4 (S)

14.627min (+0.029) 4.00ng/ul m JU 07/09/21

response 9071

Ion	Exp%	Act%
143.00	100	100
113.00	76.90	75.60
41.00	50.00	48.57
42.00	34.80	32.83

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 08 01:47:45 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 :
BGE06

Manual Integrations APPROVED
mohammad
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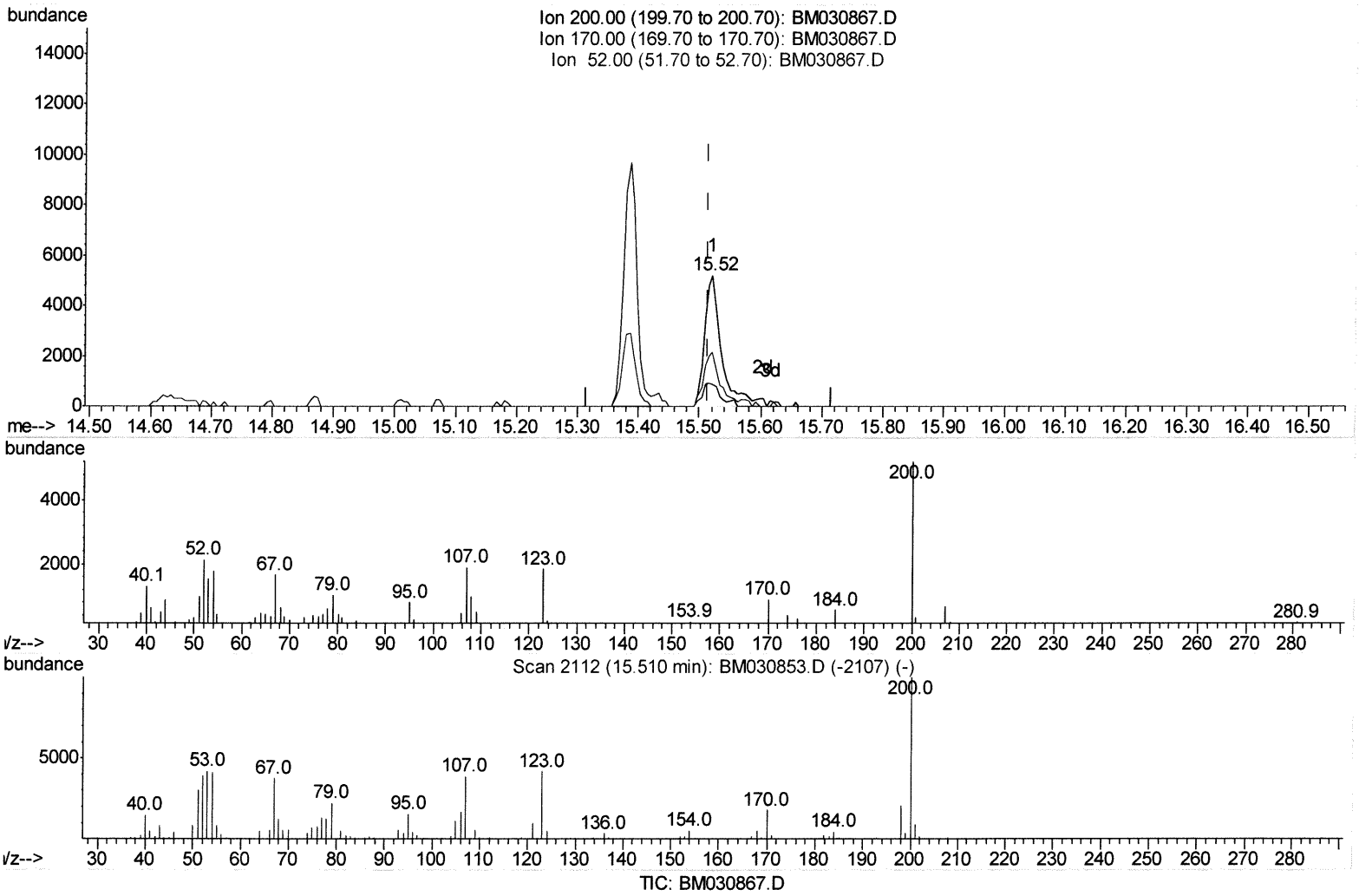

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.521min (+0.006) 4.23ng/ul

response 9174

Ion	Exp%	Act%
200.00	100	100
170.00	19.50	17.18
52.00	50.30	41.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 08 01:47:45 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 :
BGE06

Manual Integrations APPROVED
mohammad
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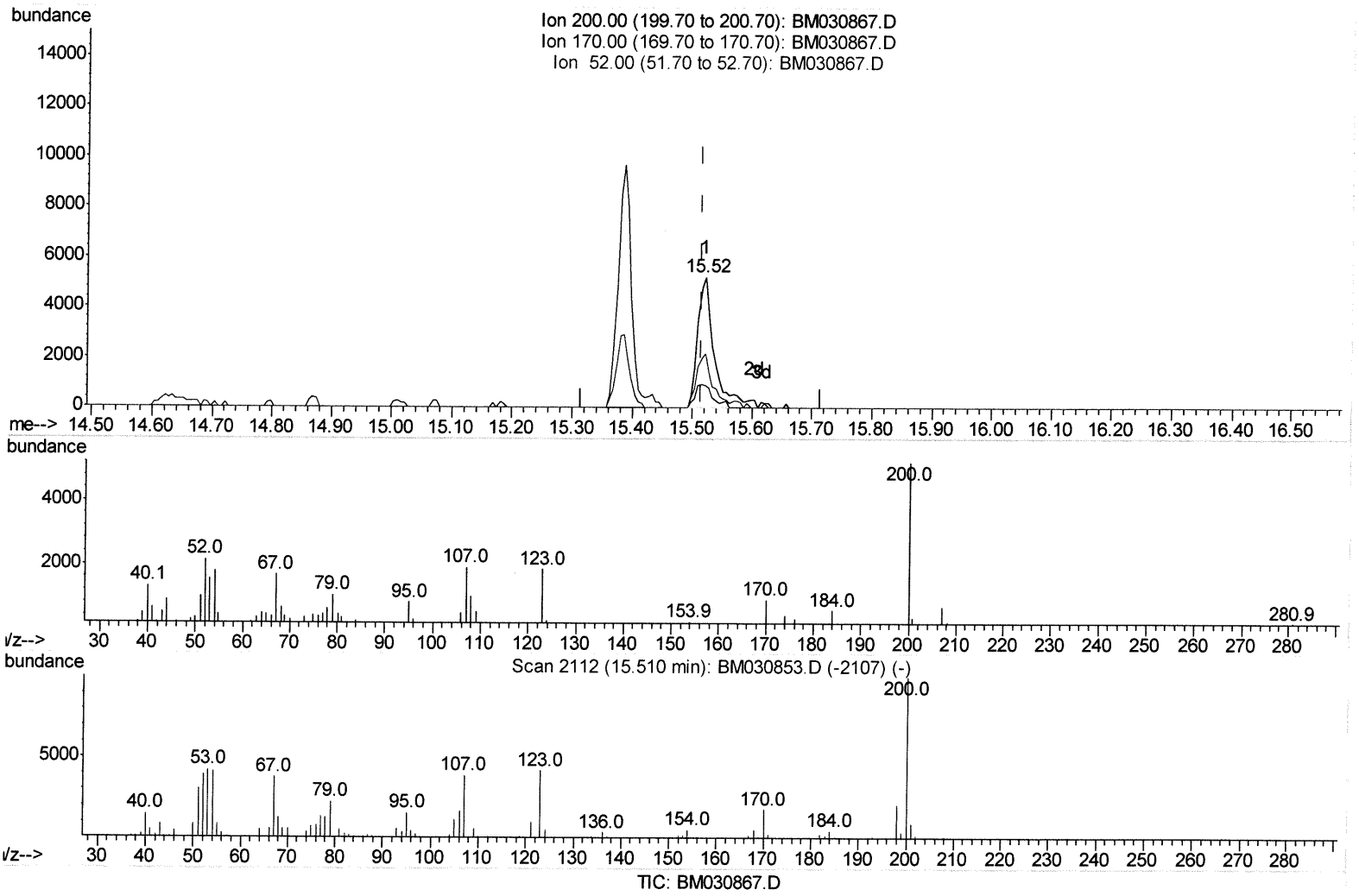


(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.521min (+0.006) 4.48ng/ul m JU 07/09/21

response 9731

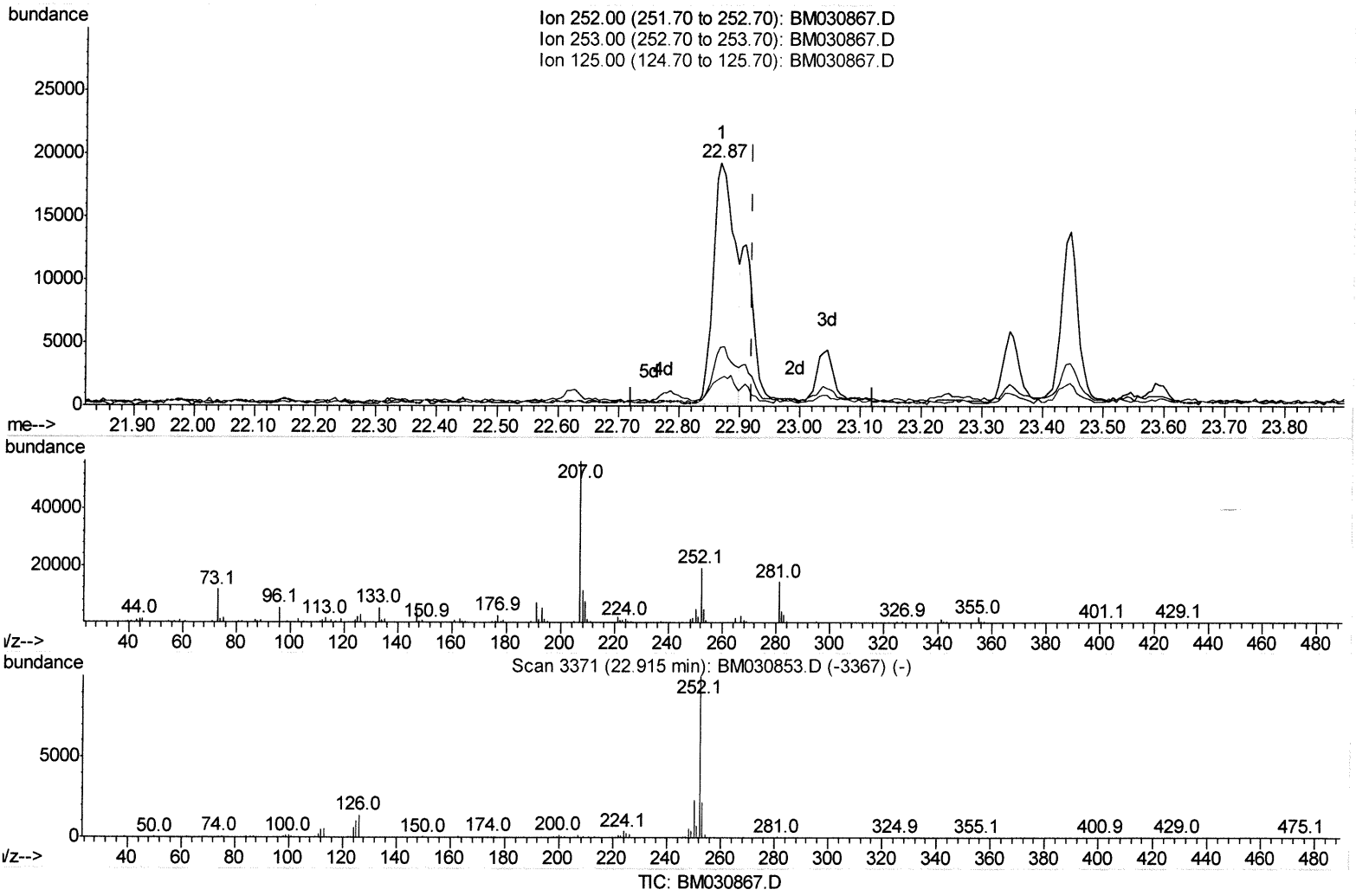
Ion	Exp%	Act%
200.00	100	100
170.00	19.50	17.18
52.00	50.30	41.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 08 01:48:18 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 :
BGE06

Manual Integrations APPROVED
mohammad
7/8/2021 12:38:16 PM



(91) Benzo(k)fluoranthene

22.868min (-0.053) 2.47ng/ul

response 46155

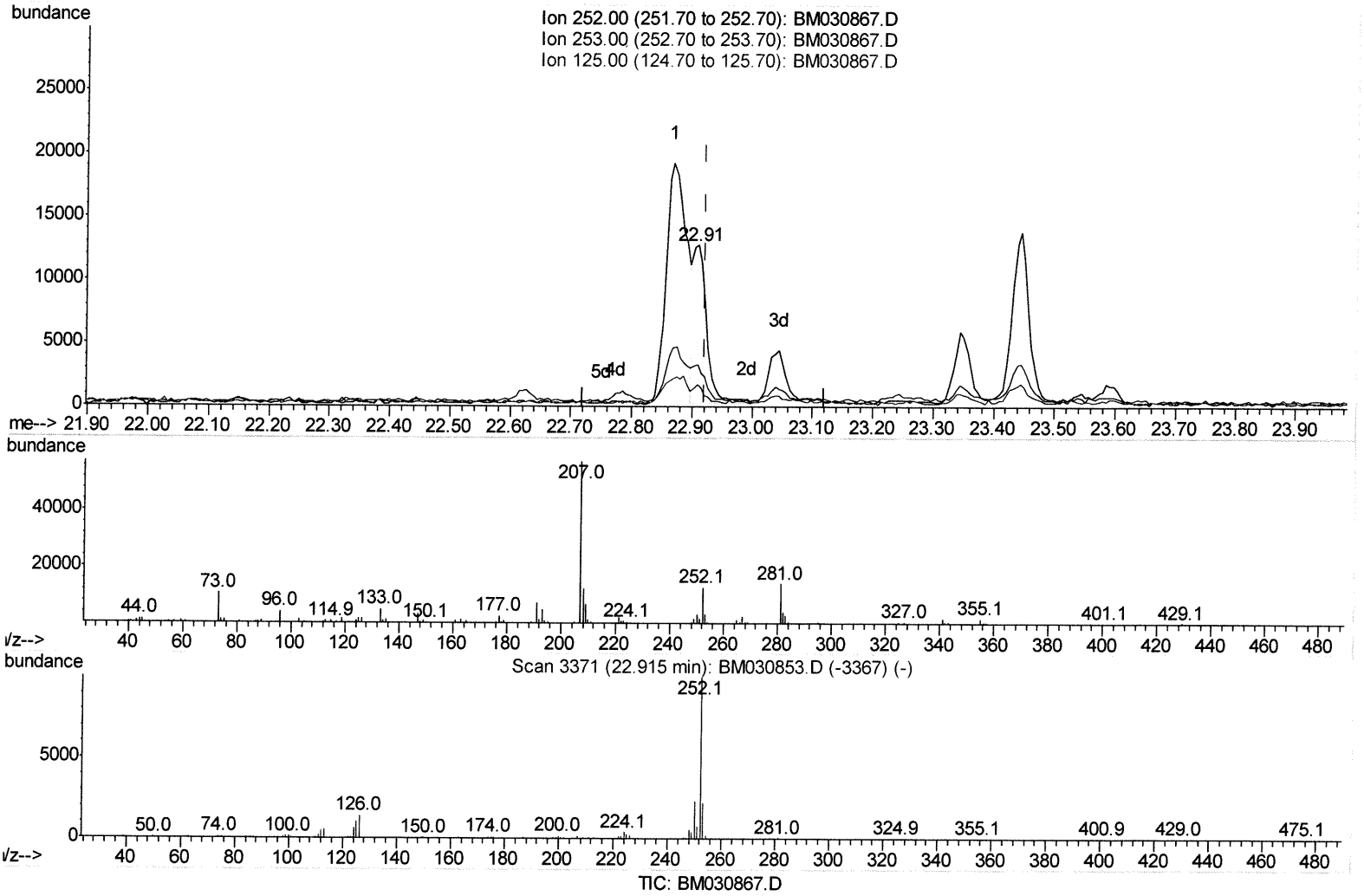
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.31
125.00	9.20	11.25#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 08 01:48:18 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 :
BGE06

Manual Integrations APPROVED
mohammad
7/8/2021 12:38:16 PM



(91) Benzo(k)fluoranthene

22.909min (-0.012) 1.04ng/ul m JU 07/09/21

response 19404

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.72
125.00	9.20	13.51#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030867.D
Acq On : 07 Jul 2021 21:29
Operator : CG/JU
Sample : M2877-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGE06

Manual Integrations APPROVED
mohammad
7/8/2021 12:38:16 PM

Quant Time: Jul 08 01:48:56 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	77542	20.00	ng/ul	0.00	
20) Naphthalene-d8	10.55	136	315525	20.00	ng/ul	0.00	
38) Acenaphthene-d10	14.39	164	186025	20.00	ng/ul	0.00	
64) Phenanthrene-d10	17.13	188	338454	20.00	ng/ul	0.00	
79) Chrysene-d12	21.30	240	280616	20.00	ng/ul	0.00	
88) Perylene-d12	23.54	264	298218	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.26	96	3450	1.74	ng/uL	0.00	
4) Pyridine-d5	3.70	84	23011	4.43	ng/ul	0.03	
7) Phenol-d5	6.93	99	56161	8.29	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.10	67	43479	9.96	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.30	132	48413	9.31	ng/ul	0.00	
15) 4-Methylphenol-d8	8.47	113	44904	8.27	ng/ul	0.00	
21) Nitrobenzene-d5	8.92	128	21688	9.24	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.64	143	21288	8.29	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.17	165	40259	8.15	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.69	131	58411	8.32	ng/ul	0.00	
46) Dimethylphthalate-d6	13.80	166	142553	10.95	ng/ul	0.00	
49) Acenaphthylene-d8	14.09	160	161703	9.83	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.63	143	9071m>	4.00	ng/ul>	0.03	JU07/09/21
60) Fluorene-d10	15.39	176	121952	10.63	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.52	200	9731m>	4.48	ng/ul>	0.00	JU07/09/21
73) Anthracene-d10	17.23	188	183930	11.66	ng/ul	0.00	
81) Pyrene-d10	19.52	212	207240	13.39	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.40	264	181809	11.81	ng/ul	-0.01	
Target Compounds						Qvalue	
47) Dimethylphthalate	13.85	163	40453	3.171	ng/ul	100	
72) Phenanthrene	17.17	178	28712	1.590	ng/ul	99	
80) Fluoranthene	19.19	202	78759	4.127	ng/ul	98	
82) Pyrene	19.54	202	61892	3.129	ng/ul	95	
85) Benzo(a)anthracene	21.29	228	47696	2.719	ng/ul	93	
87) Chrysene	21.33	228	40003	2.317	ng/ul	95	
90) Benzo(b)fluoranthene	22.87	252	46155	2.403	ng/ul	95	
91) Benzo(k)fluoranthene	22.91	252	19404m>	1.039	ng/ul>		JU07/09/21
93) Benzo(a)pyrene	23.44	252	26388	1.552	ng/ul#	92	

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