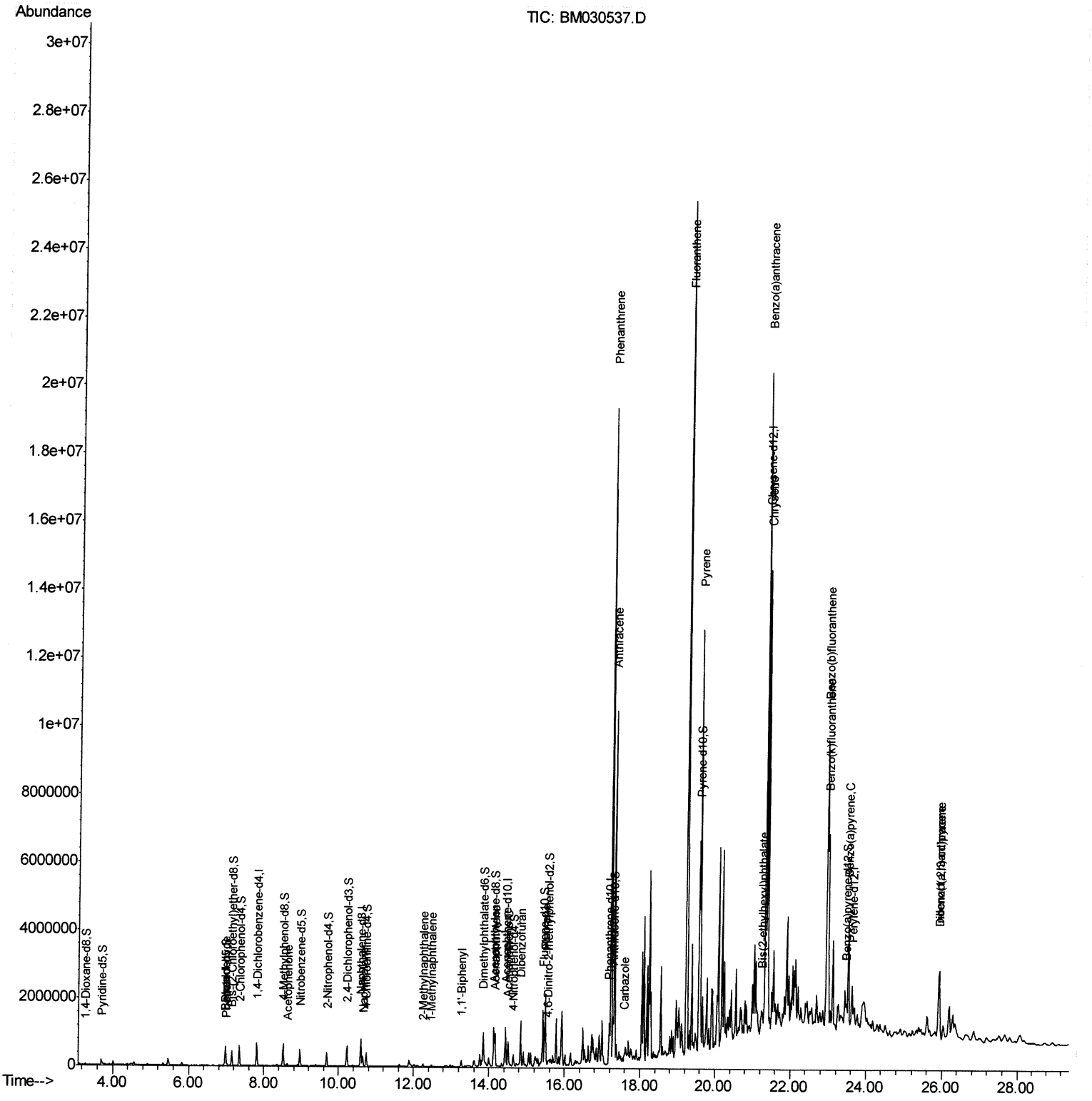
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
Acq On : 23 Jun 2021 05:01
Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 23 05:41:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 04:56:16 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDF5

Manual Integrations APPROVED
mohammad
6/23/2021 4:48:57 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
Acq On : 23 Jun 2021 05:01
Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 23 05:38:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 04:56:16 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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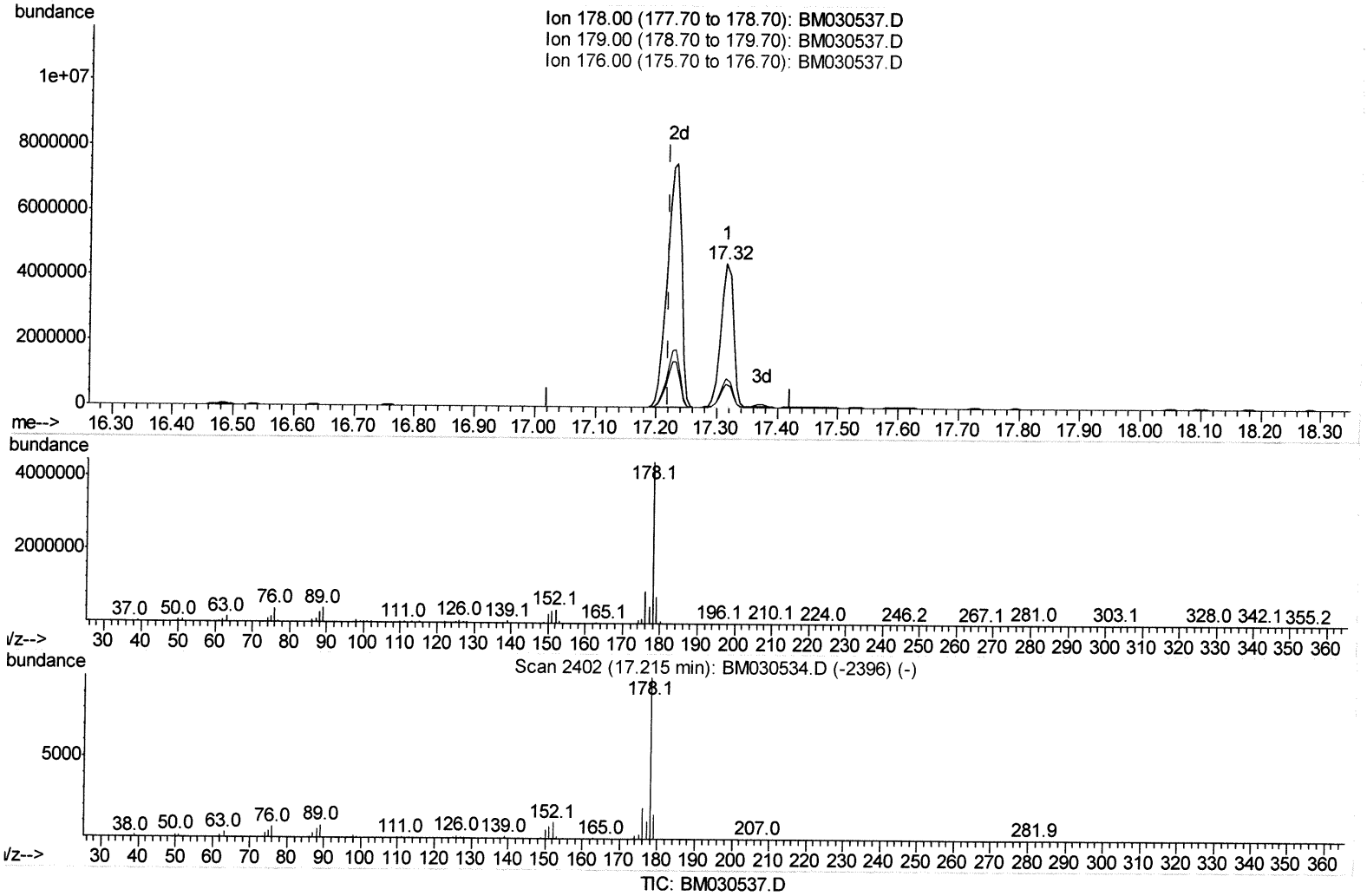

(72) Phenanthrene

17.315min (+0.094) 156.04ng/ul

response 6264887

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	16.48
176.00	19.00	19.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
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Misc :
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Manual Integrations APPROVED
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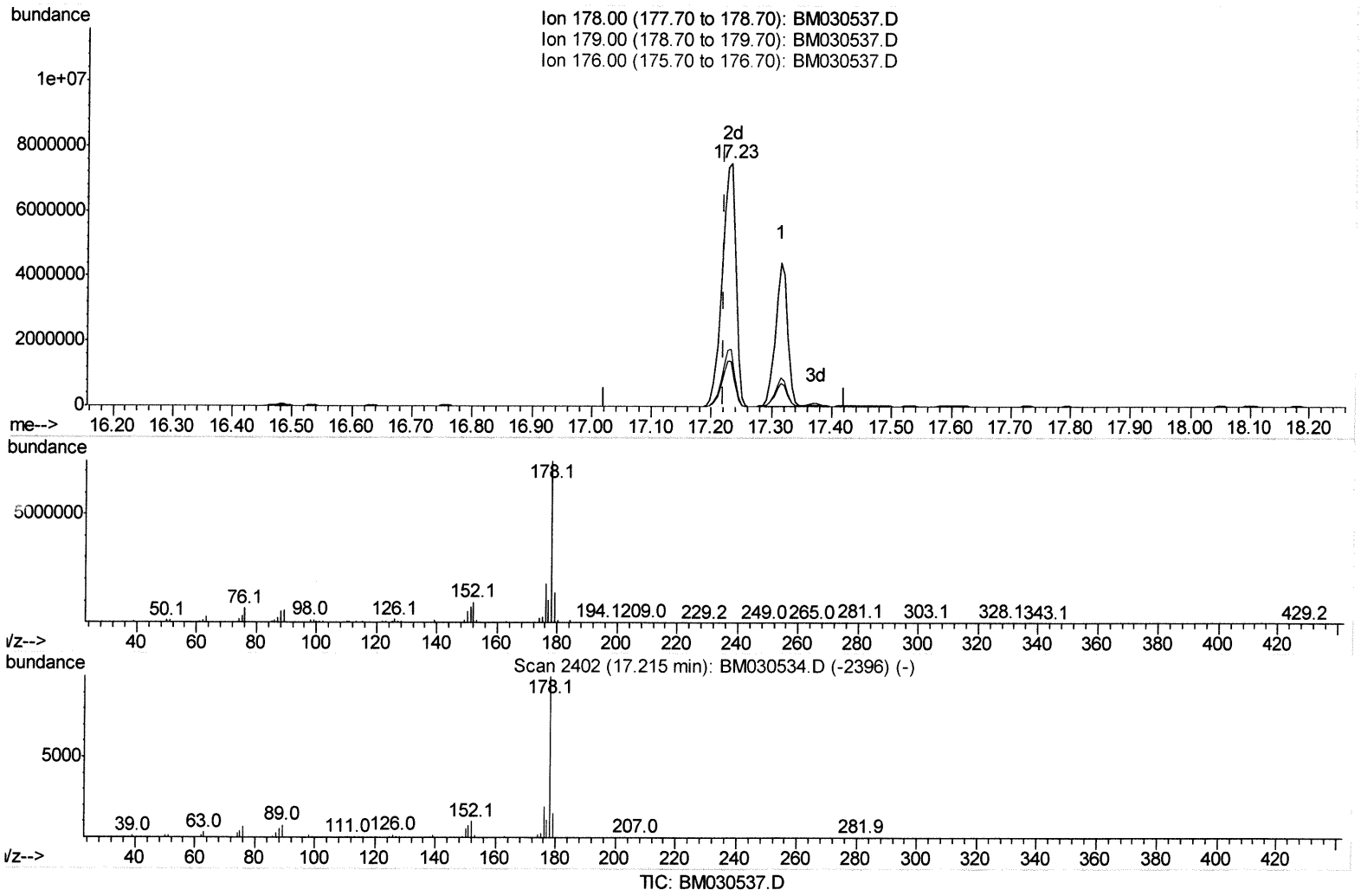

(72) Phenanthrene

17.233min (+0.012) 300.28ng/ul m JG 6/28/21

response 12056226

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	18.50#
176.00	19.00	23.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
Acq On : 23 Jun 2021 05:01
Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 23 05:39:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 04:56:16 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDF5

Manual Integrations APPROVED
mohammad
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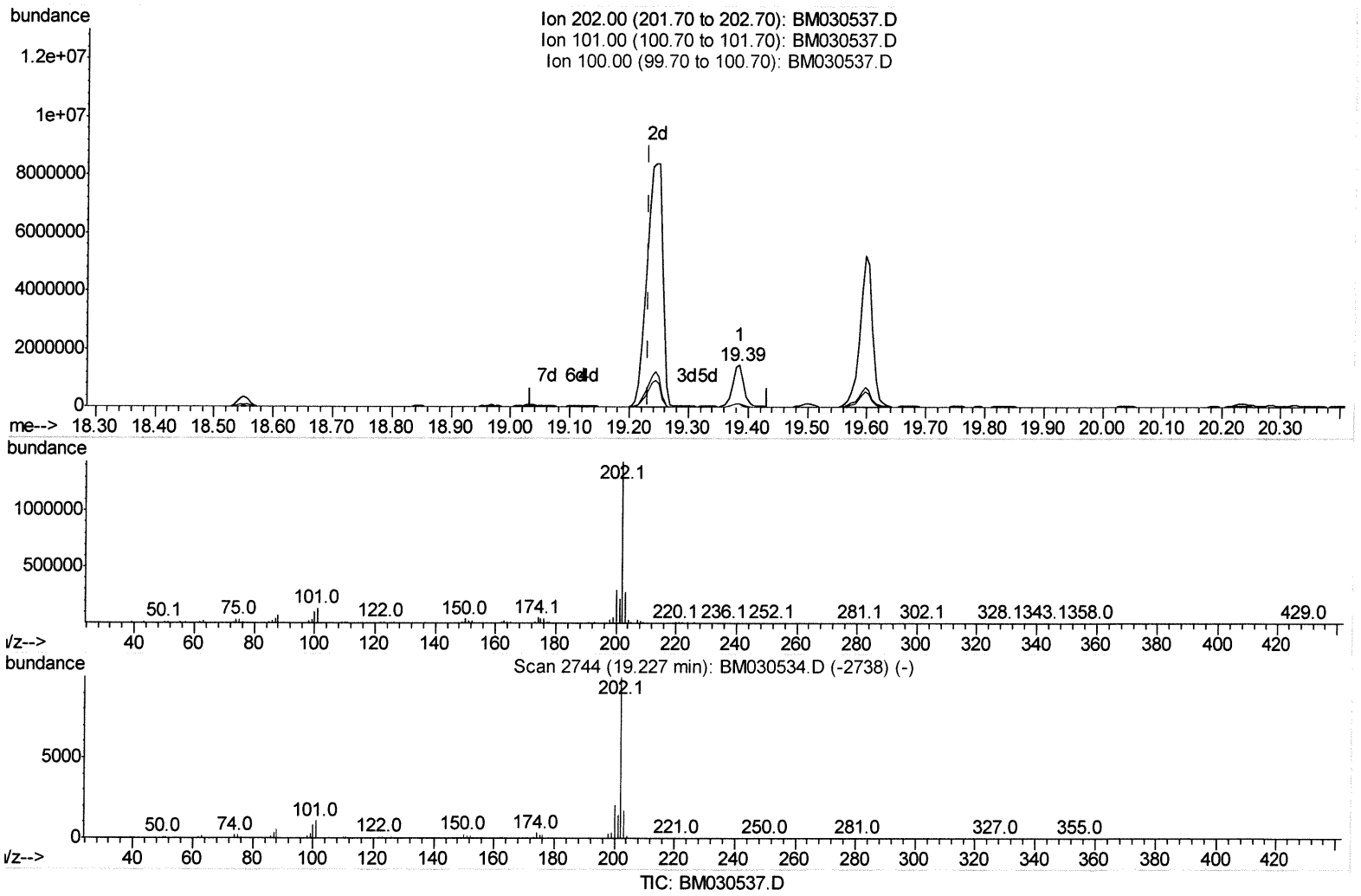

(80) Fluoranthene

19.386min (+0.153) 33.62ng/ul

response 1850721

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.93
100.00	8.50	7.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
Acq On : 23 Jun 2021 05:01
Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 23 05:39:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 04:56:16 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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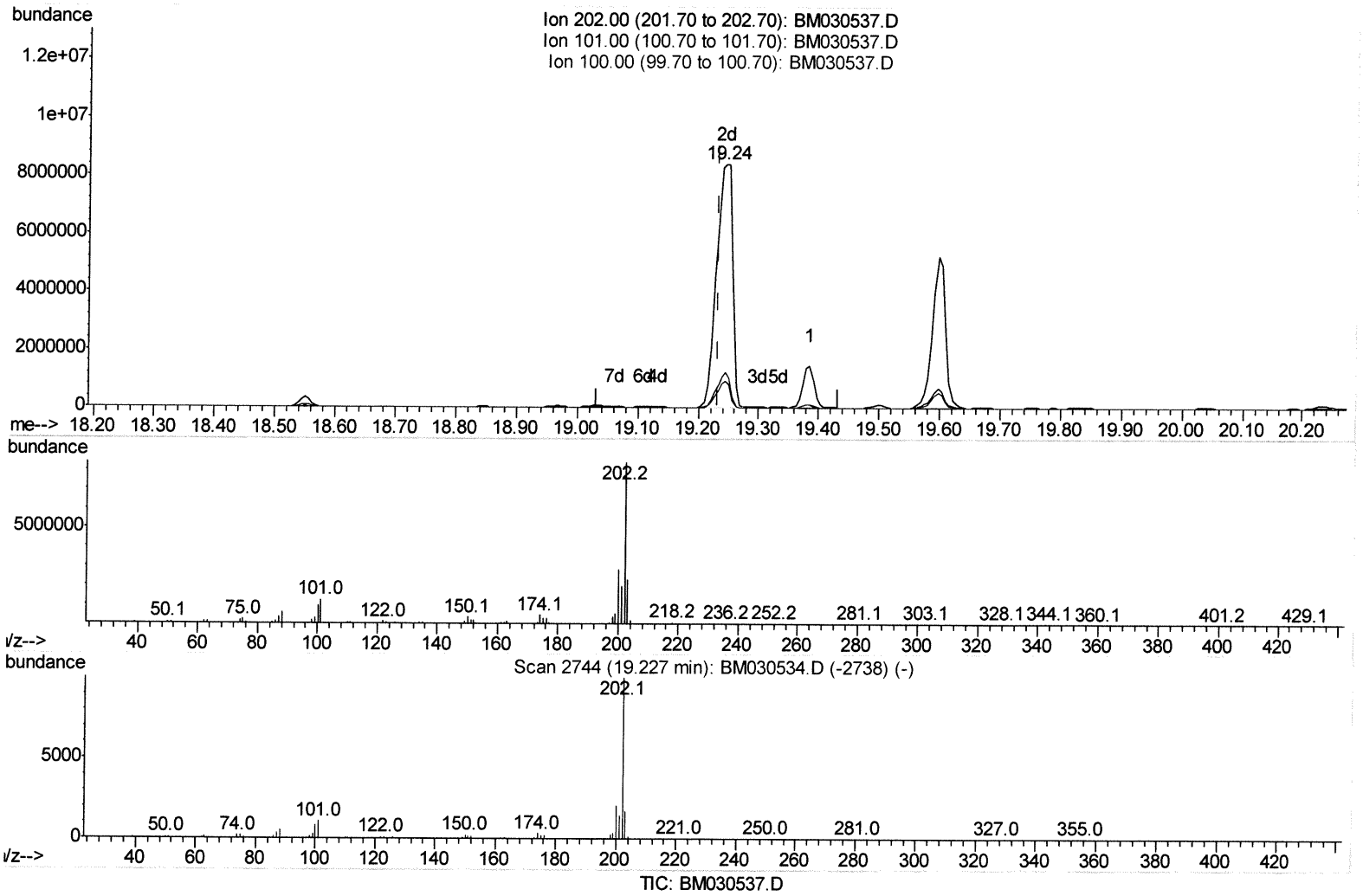

(80) Fluoranthene

19.245min (+0.012) 285.95ng/ul m JH 6/23/21

response 15741813

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	14.46#
100.00	8.50	10.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
Acq On : 23 Jun 2021 05:01
Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 23 05:40:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 04:56:16 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDF5

Manual Integrations APPROVED
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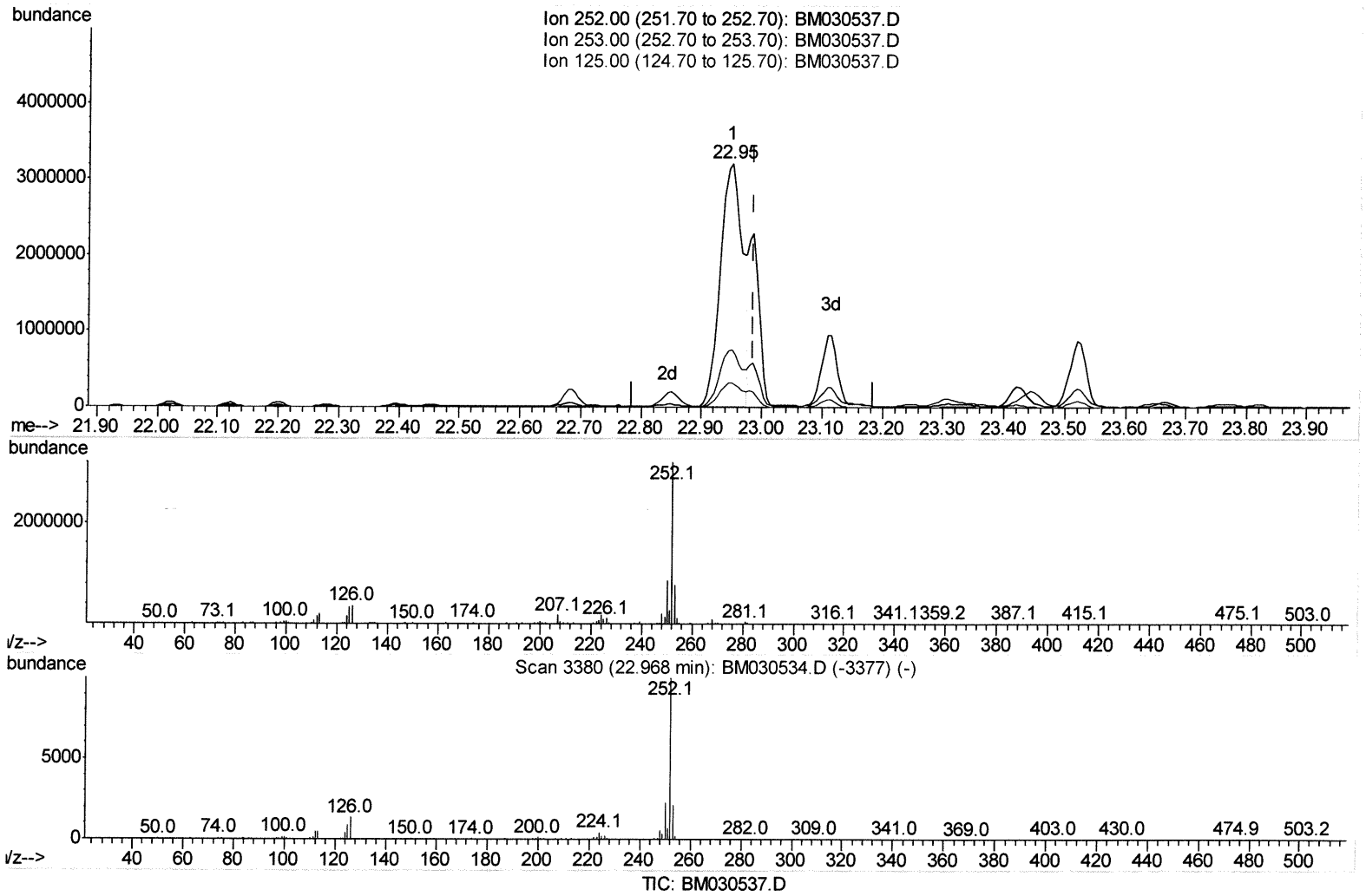

(91) Benzo(k)fluoranthene

22.950min (-0.035) 147.73ng/ul

response 8166616

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.79
125.00	9.90	9.96
0.00	0.00	0.00

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
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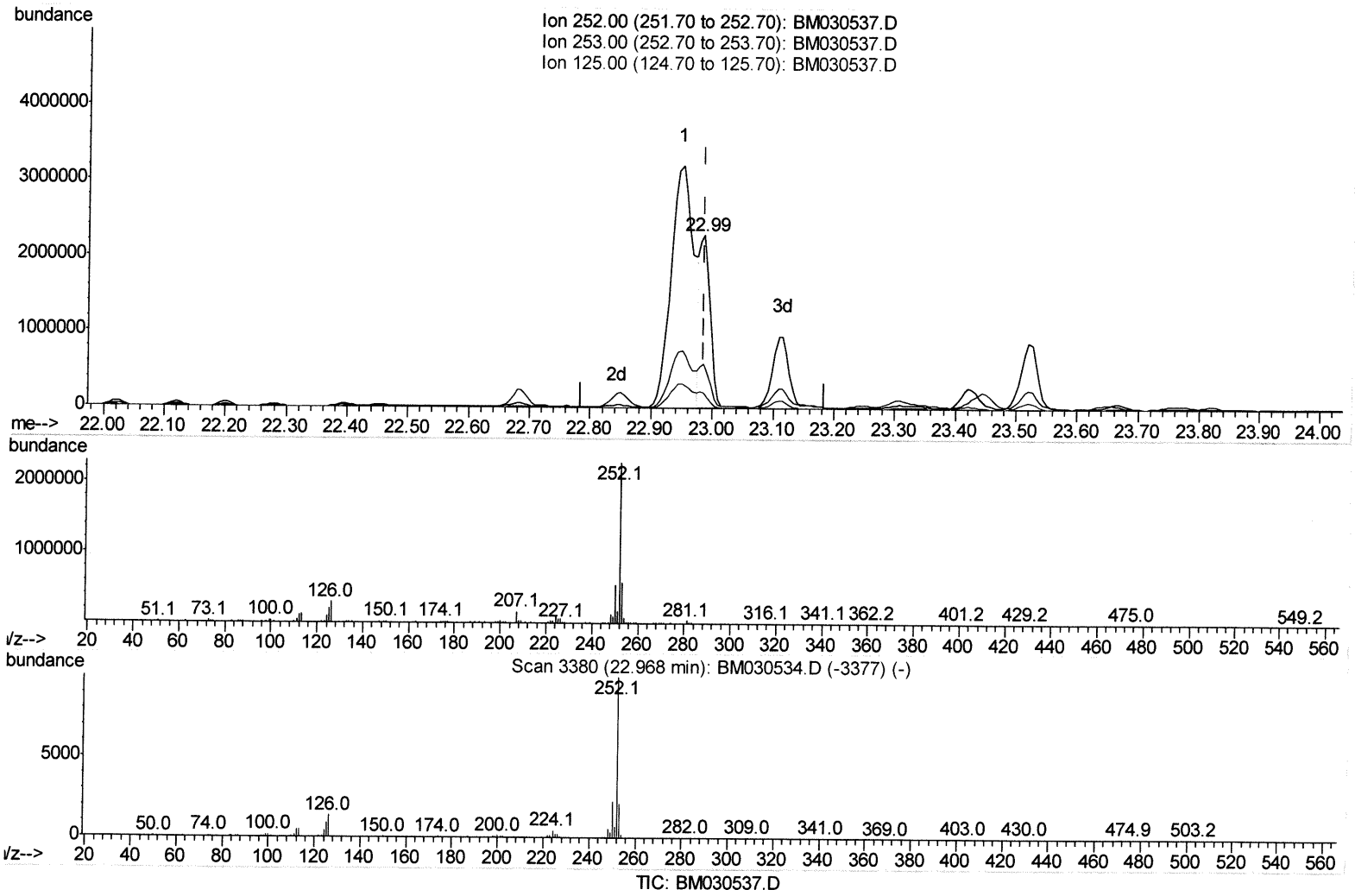

Scan 3380 (22.968 min): BM030534.D (-3377) (-)

TIC: BM030537.D

(91) Benzo(k)fluoranthene

22.985min (-0.000) 49.54ng/ul m

response 2738660

JG 6/23/21

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.70
125.00	9.90	9.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030537.D
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Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	181142	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	694451	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	399745	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.18	188	747651	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	860249	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	906003	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	14980	3.35	ng/uL	0.00
4) Pyridine-d5	3.70	84	103596	8.63	ng/ul	0.00
7) Phenol-d5	6.97	99	305717	19.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	191598	19.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	259426	21.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	245179	20.17	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	116843	22.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	127482	22.14	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	235401	21.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	231104	15.02	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	643310	23.31	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	814857	22.74	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	65935	12.61	ng/ul	0.00
60) Fluorene-d10	15.43	176	568090	23.21	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	27343	5.59	ng/ul	0.00
73) Anthracene-d10	17.28	188	814431	23.34	ng/ul	0.00
81) Pyrene-d10	19.57	212	605961	13.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	444020	9.43	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.96	77	12240	1.611	ng/ul	90
8) Phenol	7.00	94	24975	1.581	ng/ul	99
16) Acetophenone	8.63	105	27545	1.467	ng/ul	99
30) Naphthalene	10.65	128	238471	6.782	ng/ul	100
36) 2-Methylnaphthalene	12.26	142	40386	1.646	ng/ul	98
37) 1-Methylnaphthalene	12.47	142	25127	1.012	ng/ul	100
43) 1,1'-Biphenyl	13.27	154	62825	2.129	ng/ul	99
50) Acenaphthylene	14.16	152	602174	18.119	ng/ul	98
52) Acenaphthene	14.50	153	305599	12.671	ng/ul	99
56) Dibenzofuran	14.83	168	636406	18.927	ng/ul	100
61) Fluorene	15.49	166	898668	32.431	ng/ul	99
72) Phenanthrene	17.23	178	12056226m>	300.278	ng/ul>	>JU 6/23/21
74) Anthracene	17.32	178	6265295	152.619	ng/ul	98
77) Carbazole	17.58	167	112622	3.059	ng/ul	94
80) Fluoranthene	19.24	202	15741813m>	285.949	ng/ul >	>JU 6/23/21
82) Pyrene	19.60	202	7841373	135.558	ng/ul	99
85) Benzo(a)anthracene	21.34	228	8762698	164.138	ng/ul#	86
86) Bis(2-ethylhexyl)phthalate	21.26	149	104054	3.799	ng/ul#	97
87) Chrysene	21.39	228	6735695	129.423	ng/ul#	91
90) Benzo(b)fluoranthene	22.95	252	8166616	141.978	ng/ul	97
91) Benzo(k)fluoranthene	22.99	252	2738660m>	49.542	ng/ul>	>JU 6/23/21
93) Benzo(a)pyrene	23.52	252	1655174	32.002	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	25.92	276	1516026	23.284	ng/ul	95
95) Dibenzo(a,h)anthracene	25.93	278	977069	18.102	ng/ul#	92

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