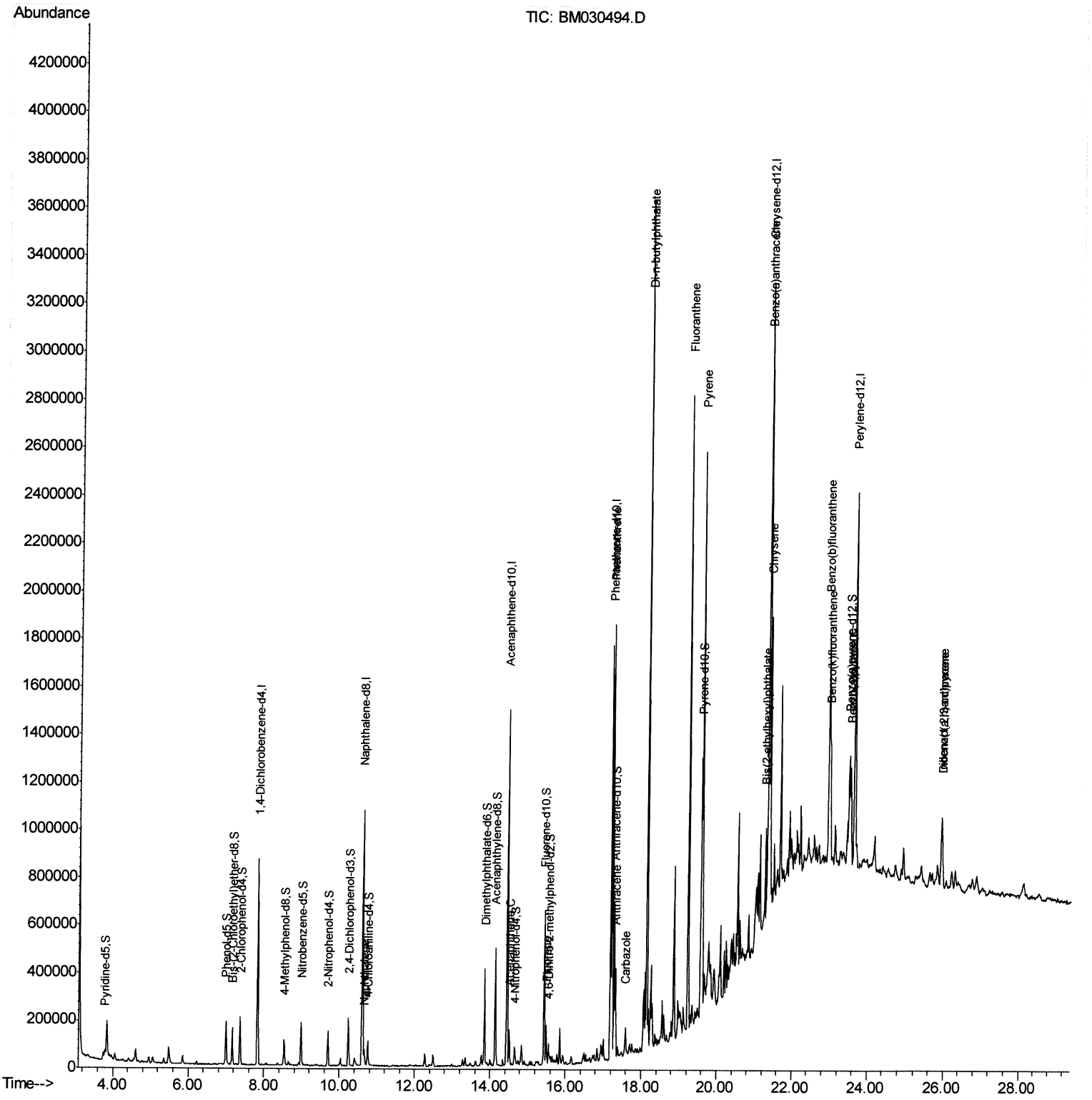
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030494.D
Acq On : 17 Jun 2021 14:28
Operator : CG/JU
Sample : M2596-16DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 17 15:16:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 17 13:10:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5R5DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:13 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
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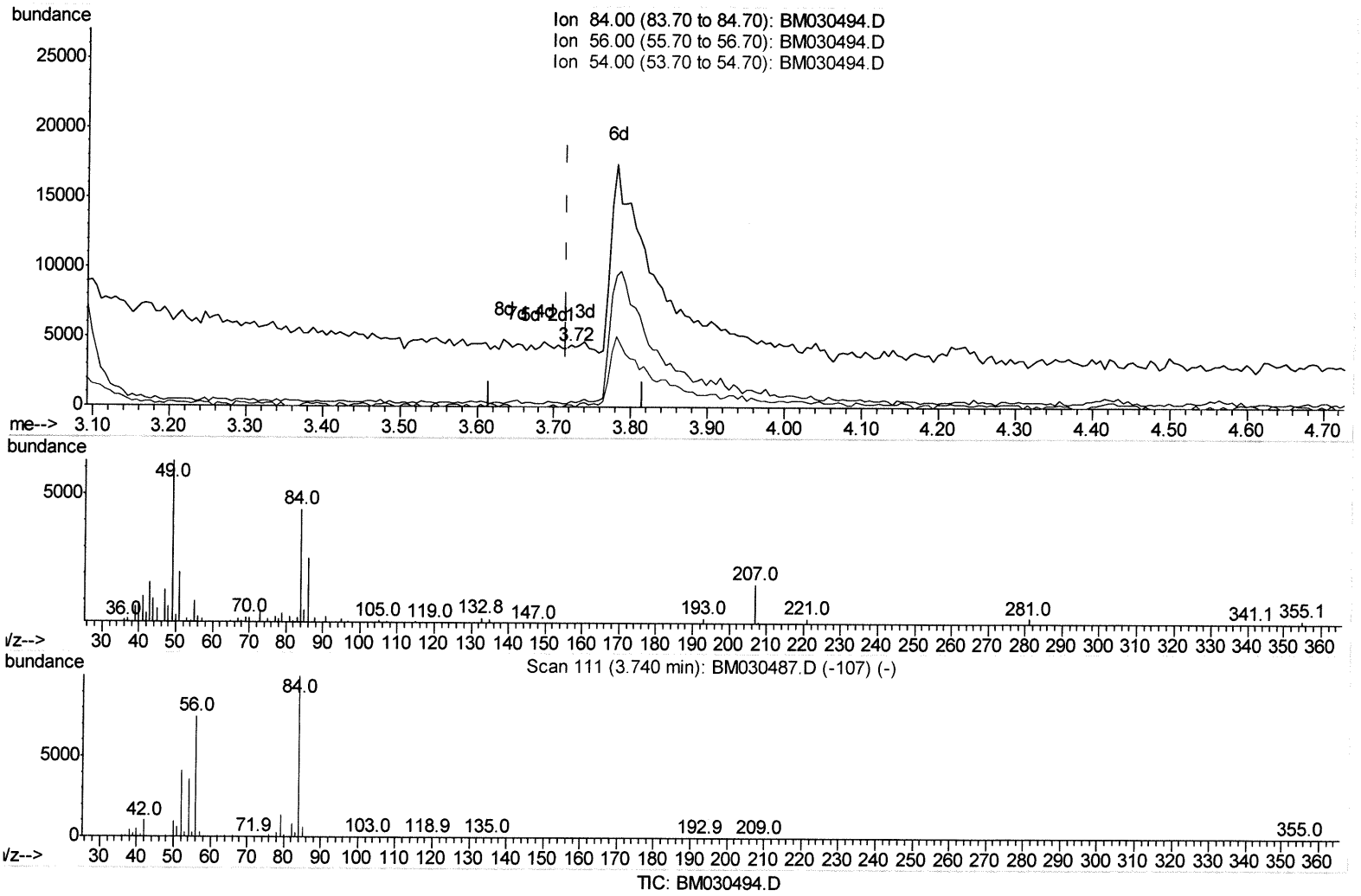

Scan 111 (3.740 min): BM030487.D (-107) (-)

TIC: BM030494.D

(4) Pyridine-d5 (S)

3.722min (+0.006) 0.01ng/ul

response 93

Ion	Exp%	Act%
84.00	100	100
56.00	73.50	8.44#
54.00	34.70	3.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
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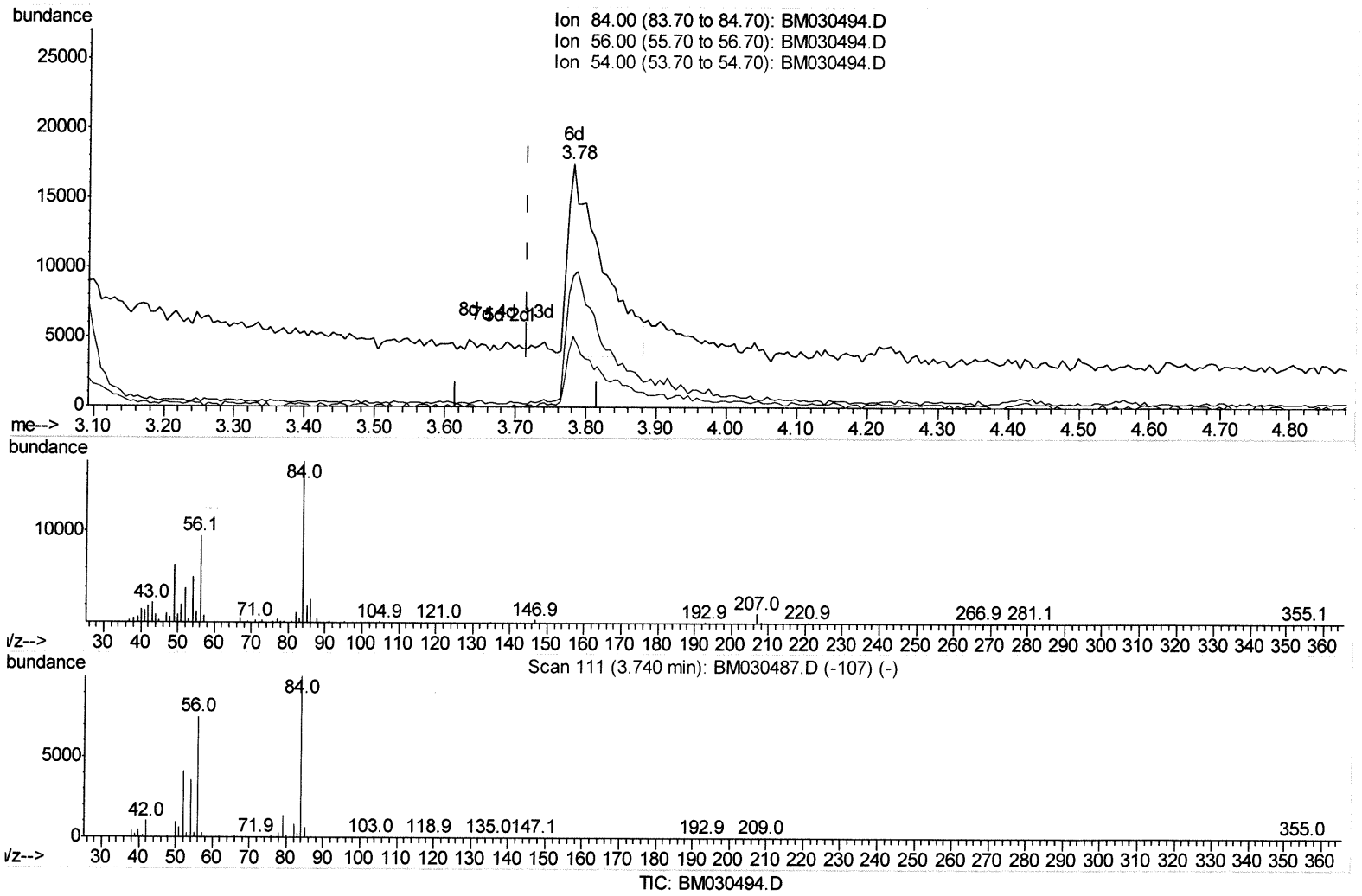
BNA_M
ClientSampleId :
BG5R5DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:13 PM



Scan 111 (3.740 min): BM030487.D (-107) (-)

TIC: BM030494.D

(4) Pyridine-d5 (S)

3.781min (+0.065) 2.82ng/ul m JU 6/28/21

response 46944

Ion	Exp%	Act%
84.00	100	100
56.00	73.50	54.14#
54.00	34.70	29.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030494.D
Acq On : 17 Jun 2021 14:28
Operator : CG/JU
Sample : M2596-16DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 17 15:15:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
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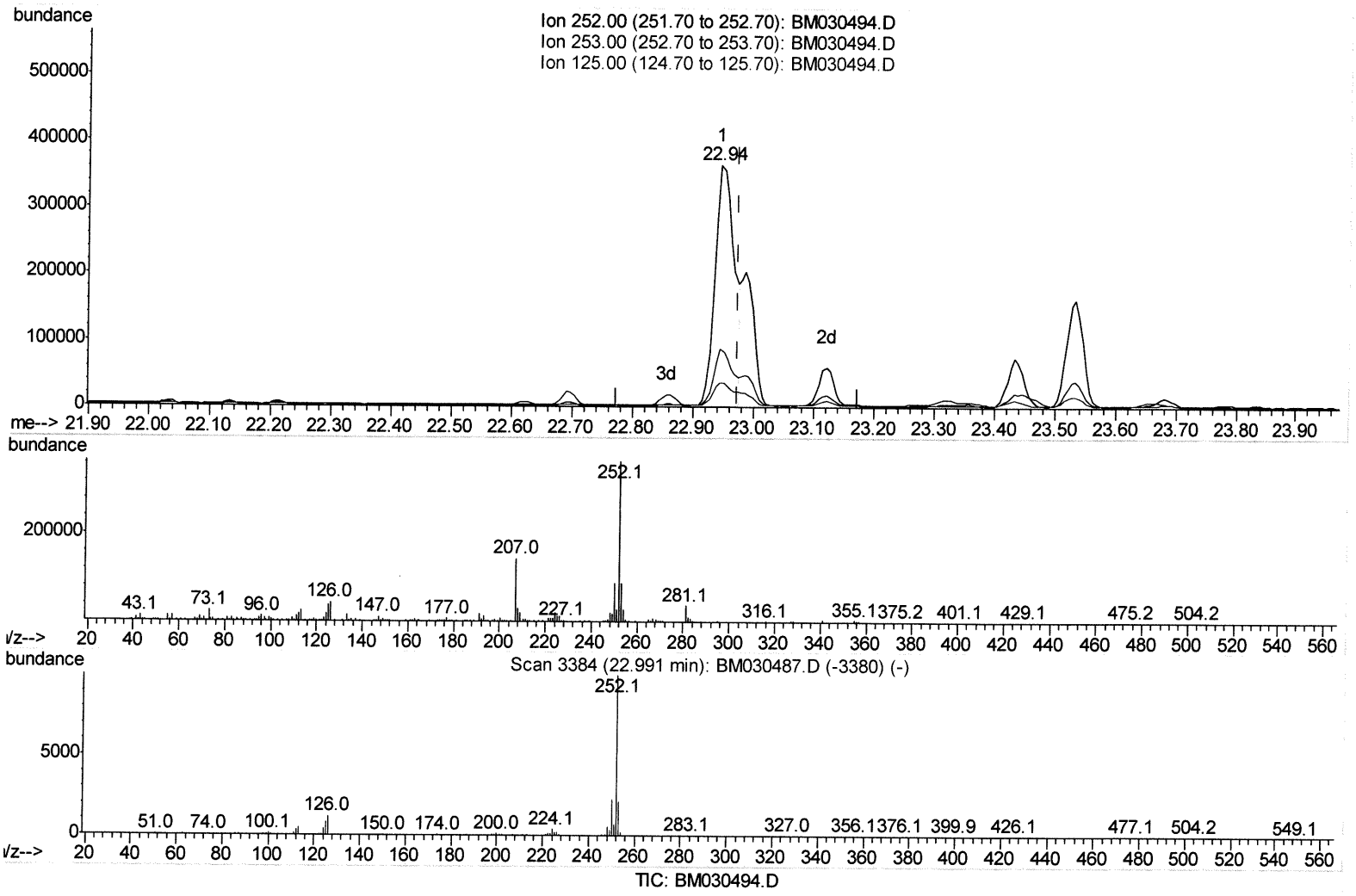
Instrument :
BNA_M
ClientSampleId :
BG5R5DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:13 PM



(91) Benzo(k)fluoranthene

22.944min (-0.029) 11.82ng/ul

response 790268

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.27
125.00	10.50	10.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
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ALS Vial : 9 Sample Multiplier: 1

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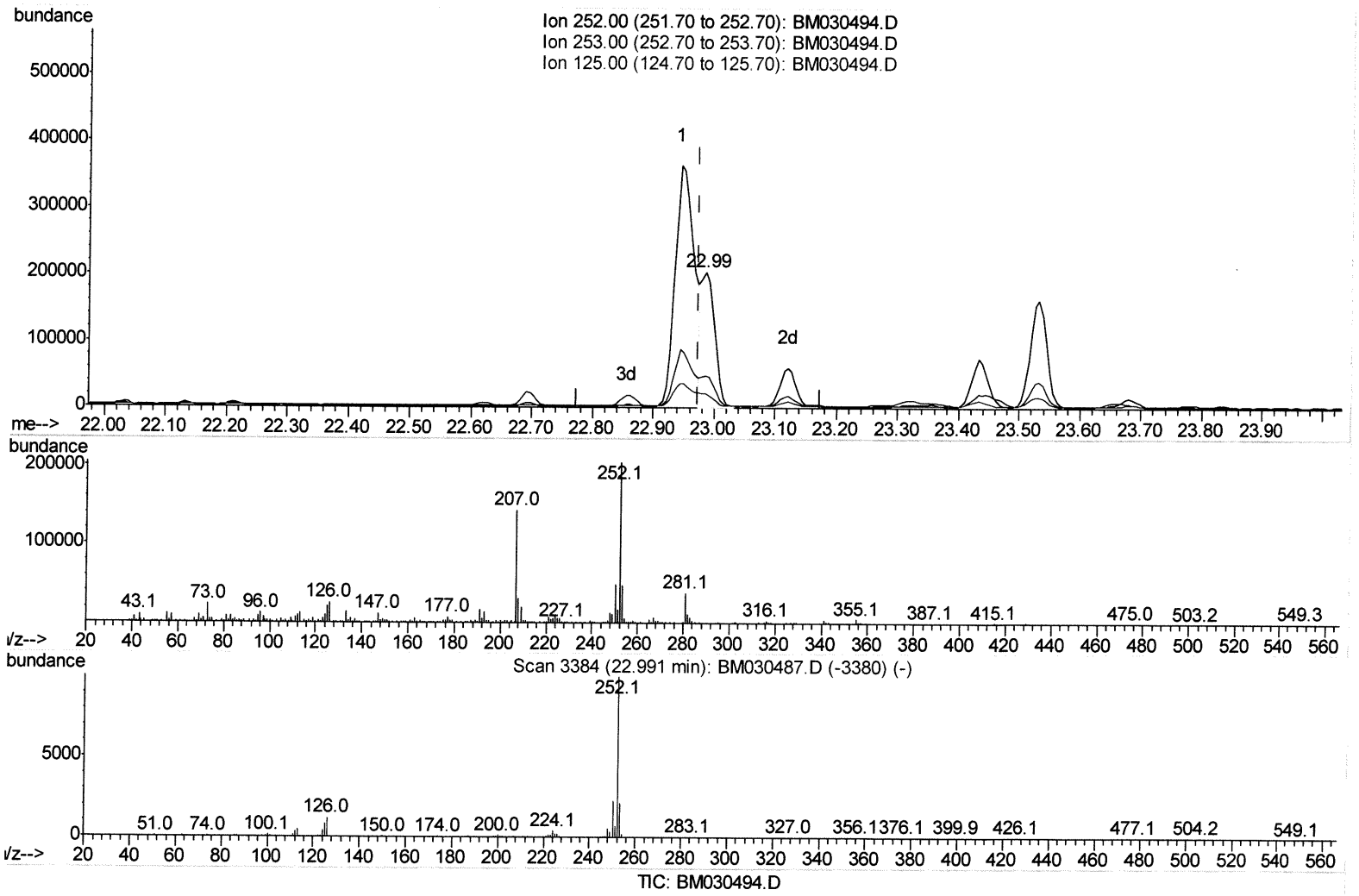
BNA_M
ClientSampleId :
BG5R5DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:13 PM



TIC: BM030494.D

(91) Benzo(k)fluoranthene

22.986min (+0.012) 4.65ng/ul m JU 6/20/21

response 310922

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.30
125.00	10.50	10.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
6/18/2021 1:03:13 PM

Quant Time: Jun 17 15:16:57 2021
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	241555	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	875287	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	515344	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	1010072	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	1033840	20.00	ng/ul	0.01
88) Perylene-d12	23.63	264	1088807	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	5687	0.90	ng/uL	0.05
4) Pyridine-d5	3.78	84	46944m	2.82	ng/ul	0.06
7) Phenol-d5	7.00	99	109001	5.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	75229	5.55	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	95018	6.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	43700	2.61	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	44608	7.45	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	47254	7.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.24	165	85179	6.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	65076	3.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	280665	7.94	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	347029	7.85	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	21895	3.31	ng/ul	0.01
60) Fluorene-d10	15.44	176	248195	7.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	19806	3.40	ng/ul	0.00
73) Anthracene-d10	17.28	188	370863	8.07	ng/ul	0.00
81) Pyrene-d10	19.57	212	359999	6.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	294061	5.42	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.66	128	51924	1.170	ng/ul	99
52) Acenaphthene	14.51	153	60521	1.930	ng/ul	98
61) Fluorene	15.49	166	68346	1.866	ng/ul#	97
72) Phenanthrene	17.23	178	1074133	19.667	ng/ul	99
74) Anthracene	17.32	178	233915	4.244	ng/ul	99
77) Carbazole	17.59	167	70132	1.433	ng/ul	97
78) Di-n-butylphthalate	18.15	149	2619660	51.097	ng/ul	99
80) Fluoranthene	19.24	202	1486785	22.361	ng/ul	98
82) Pyrene	19.60	202	1138051	16.185	ng/ul	95
85) Benzo(a)anthracene	21.34	228	714760	11.442	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	131551	3.929	ng/ul#	97
87) Chrysene	21.39	228	650000	10.553	ng/ul	97
90) Benzo(b)fluoranthene	22.94	252	790268	11.292	ng/ul	97
91) Benzo(k)fluoranthene	22.99	252	310922m	4.651	ng/ul	97
93) Benzo(a)pyrene	23.53	252	306629	5.012	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.93	276	268414	3.565	ng/ul#	92
95) Dibenzo(a,h)anthracene	25.94	278	101229	1.597	ng/ul#	93

JU 6/28/21

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