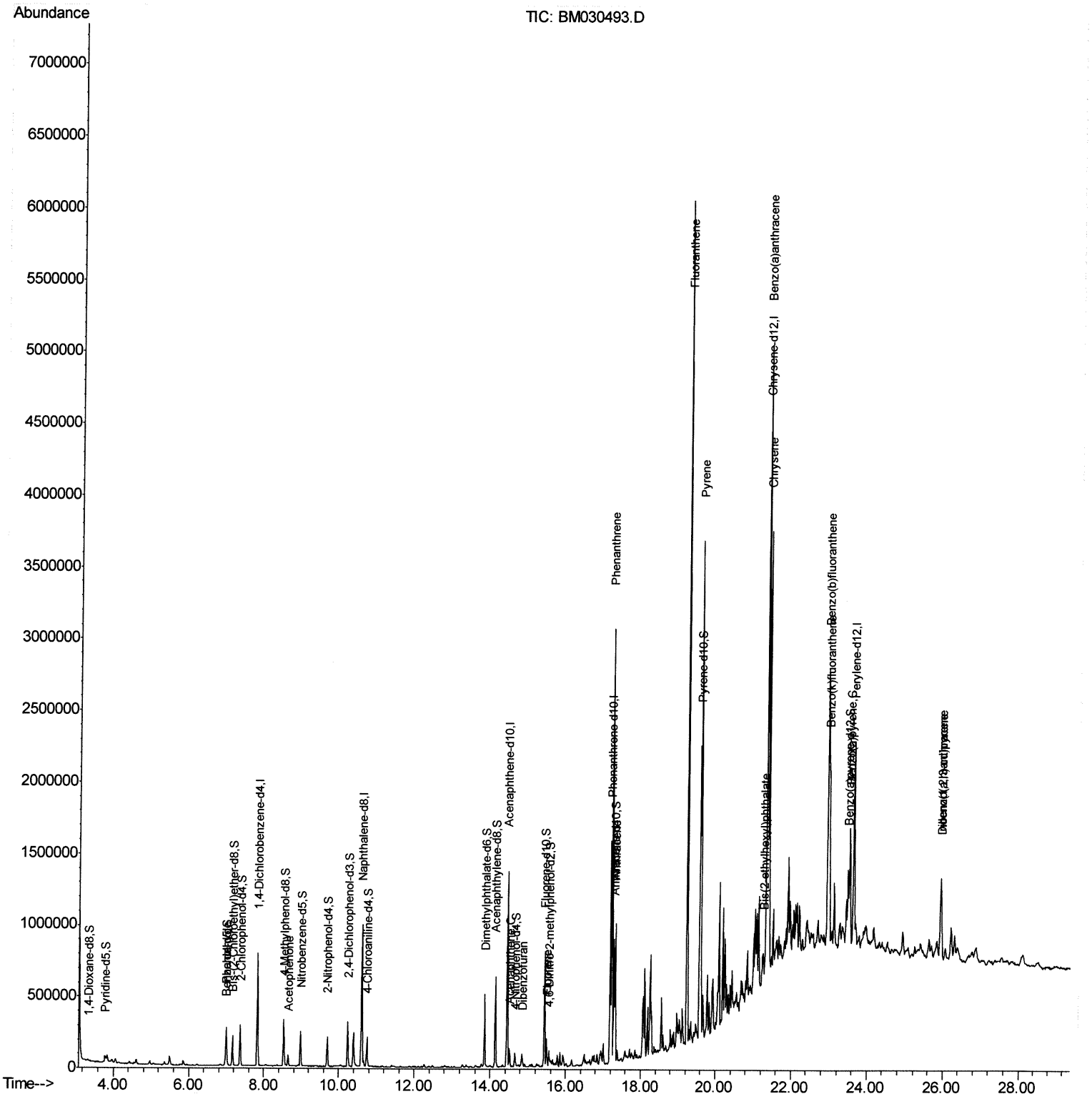
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 14:38:13 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 :
BG5Q9DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 14:32:06 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 :
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Manual Integrations APPROVED
mohammad
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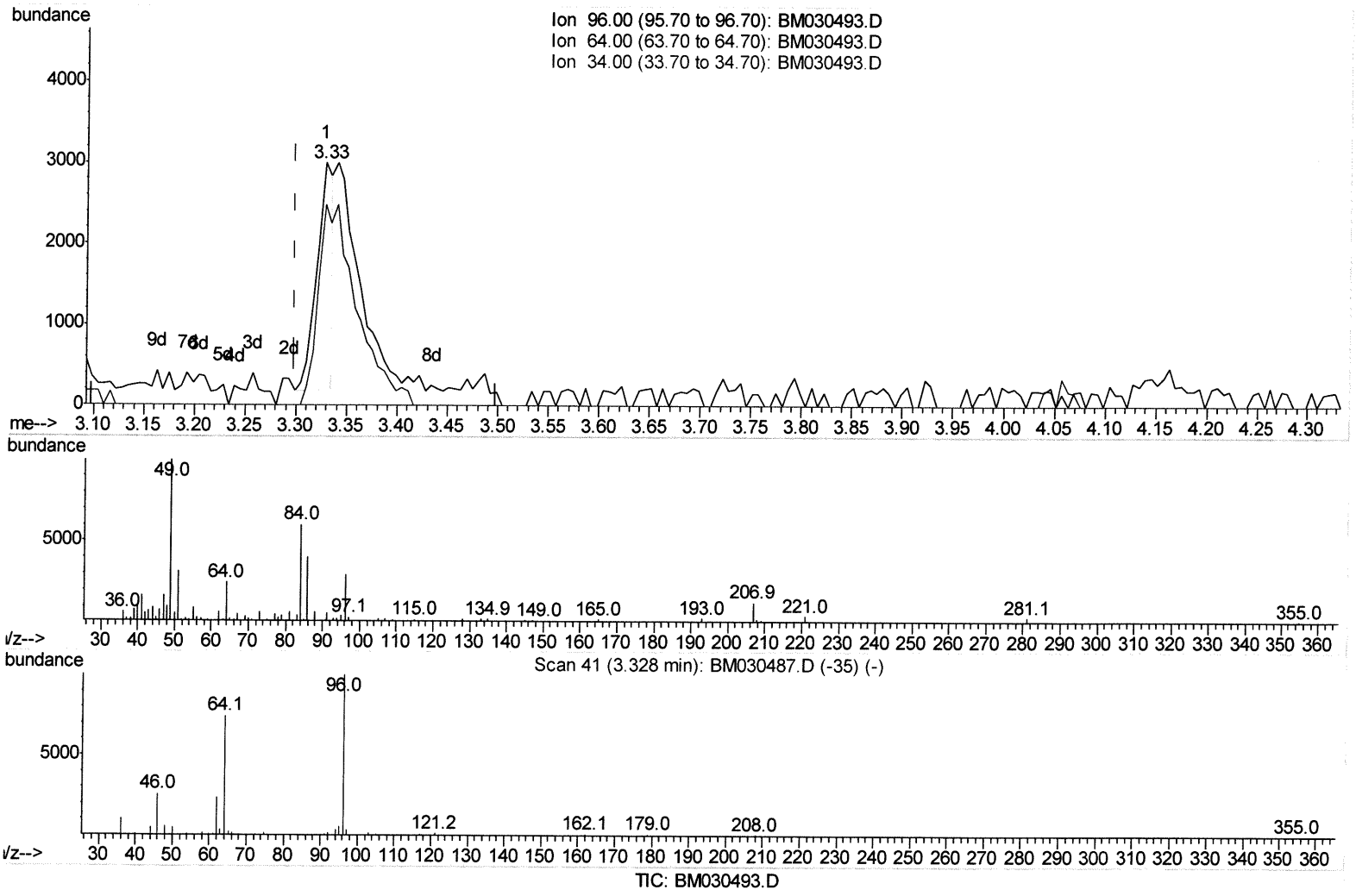

(3) 1,4-Dioxane-d8 (S)

3.328min (+0.030) 0.53ng/uL

response 3120

Ion	Exp%	Act%
96.00	100	100
64.00	72.50	82.86
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
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Misc :
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Quant Time: Jun 17 14:32:06 2021
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BNA_M
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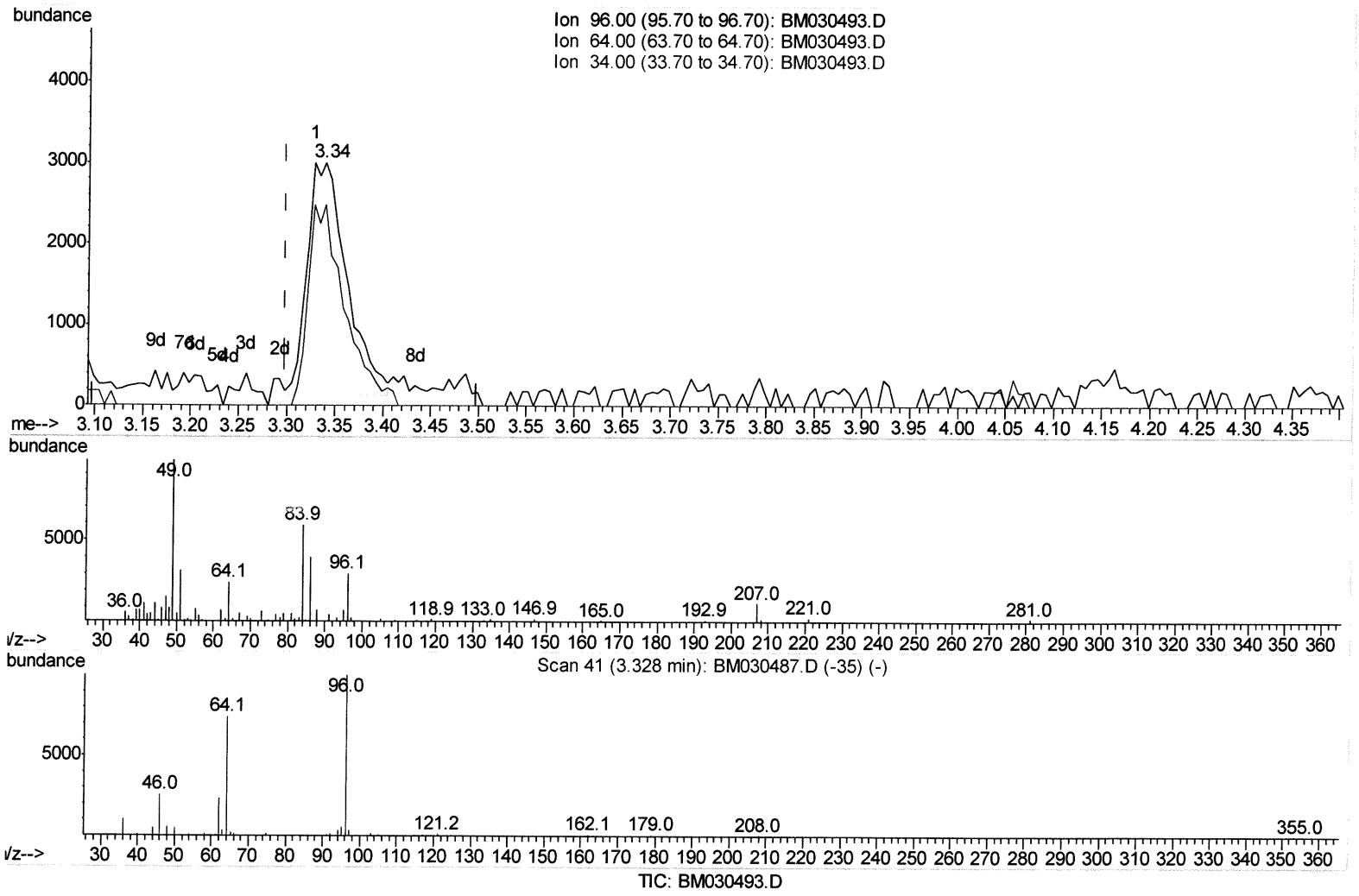
Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM



TIC: BM030493.D

(3) 1,4-Dioxane-d8 (S)

3.340min (+0.041) 1.39ng/uL m JU 6/28/21

response 8140

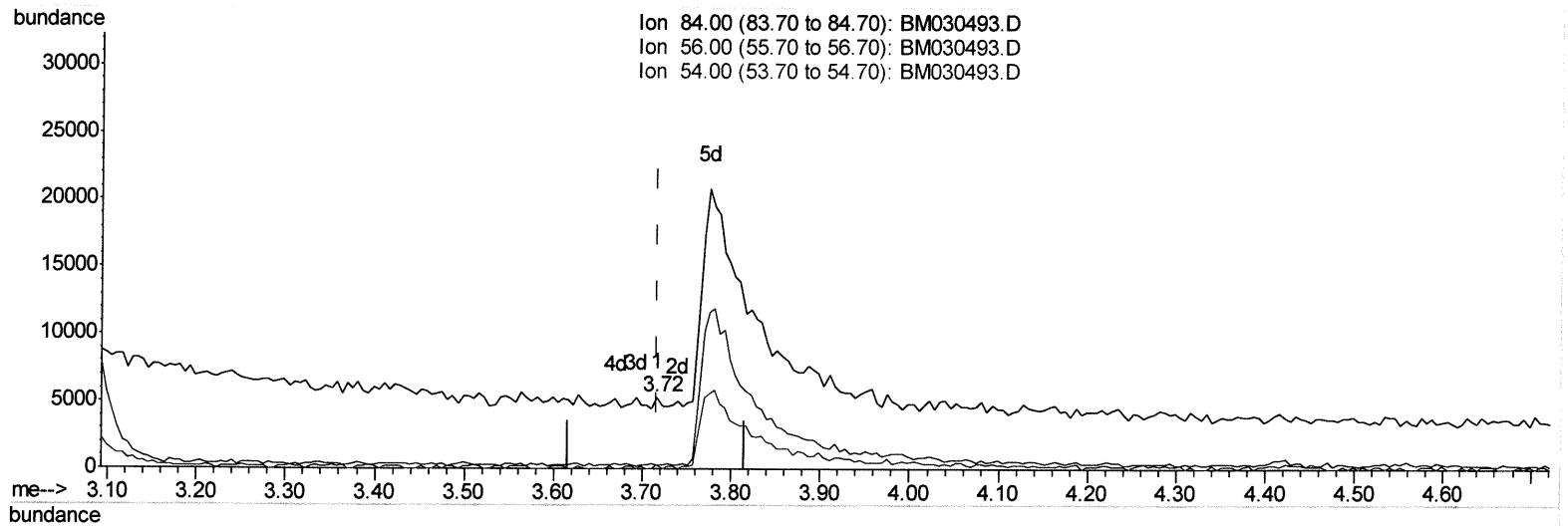
Ion	Exp%	Act%
96.00	100	100
64.00	72.50	82.79
34.00	0.00	0.00
0.00	0.00	0.00

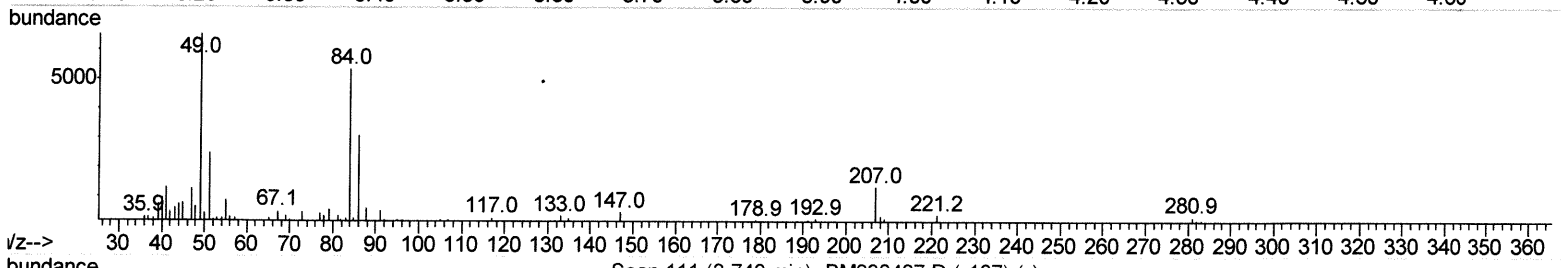
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 14:32:06 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

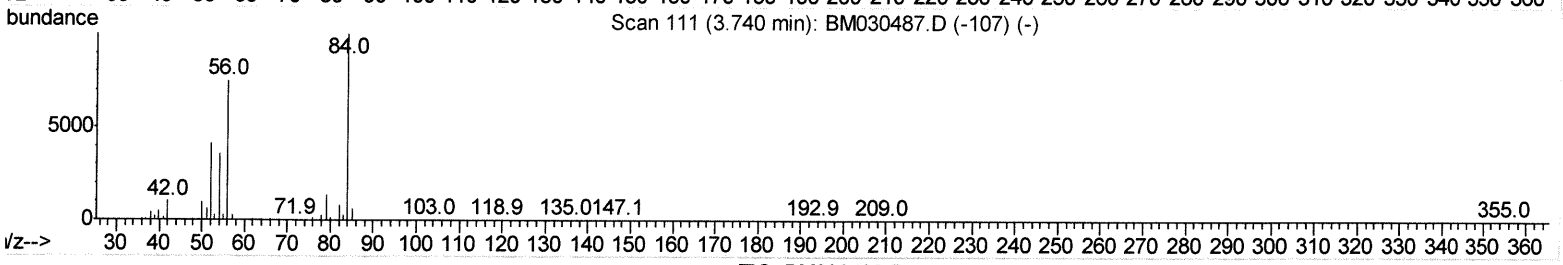
Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM





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



TIC: BM030493.D

(4) Pyridine-d5 (S)

3.716min (+0.000) 0.02ng/ul

response 369

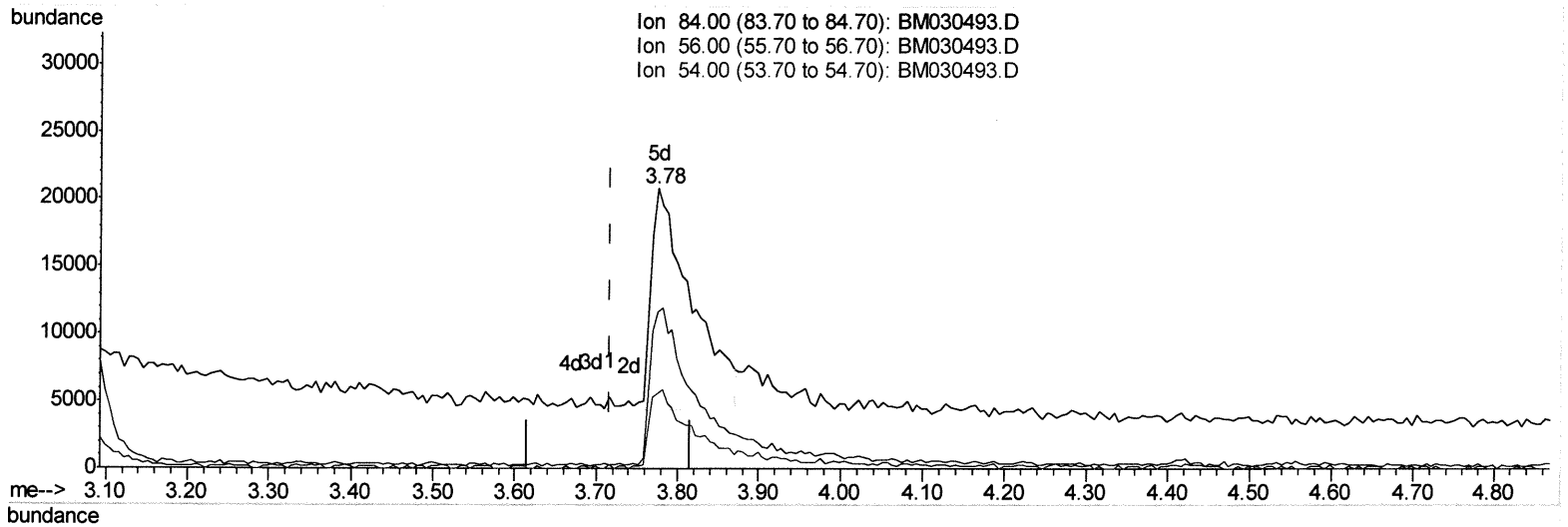
Ion	Exp%	Act%
84.00	100	100
56.00	73.50	5.54#
54.00	34.70	4.55#
0.00	0.00	0.00

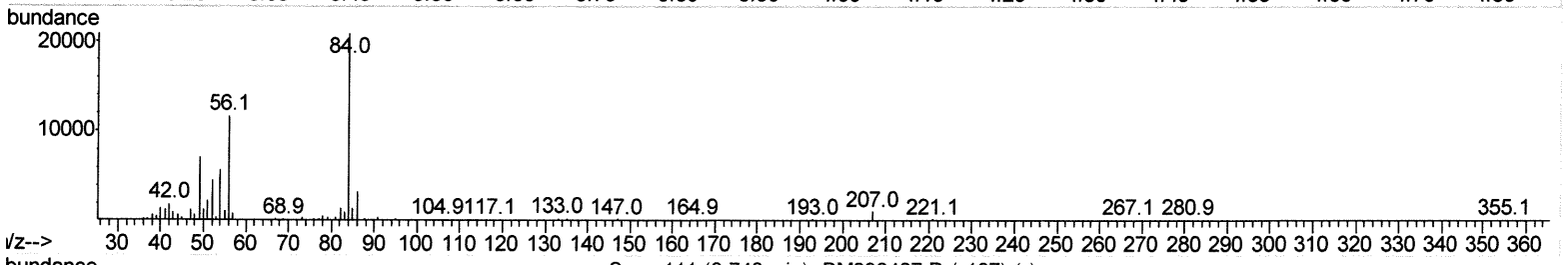
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 14:32:06 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

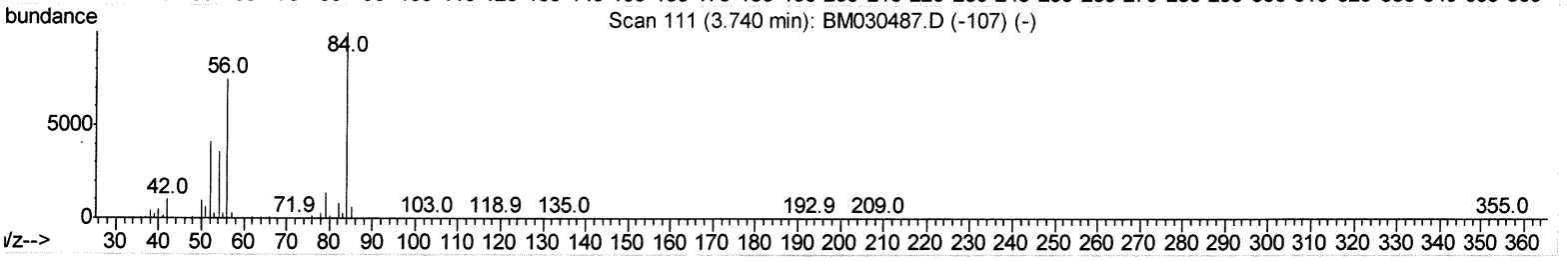
Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM





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



TIC: BM030493.D

(4) Pyridine-d5 (S)

3.775min (+0.059) 3.70ng/ul m > JU 6/29/21

response 56848

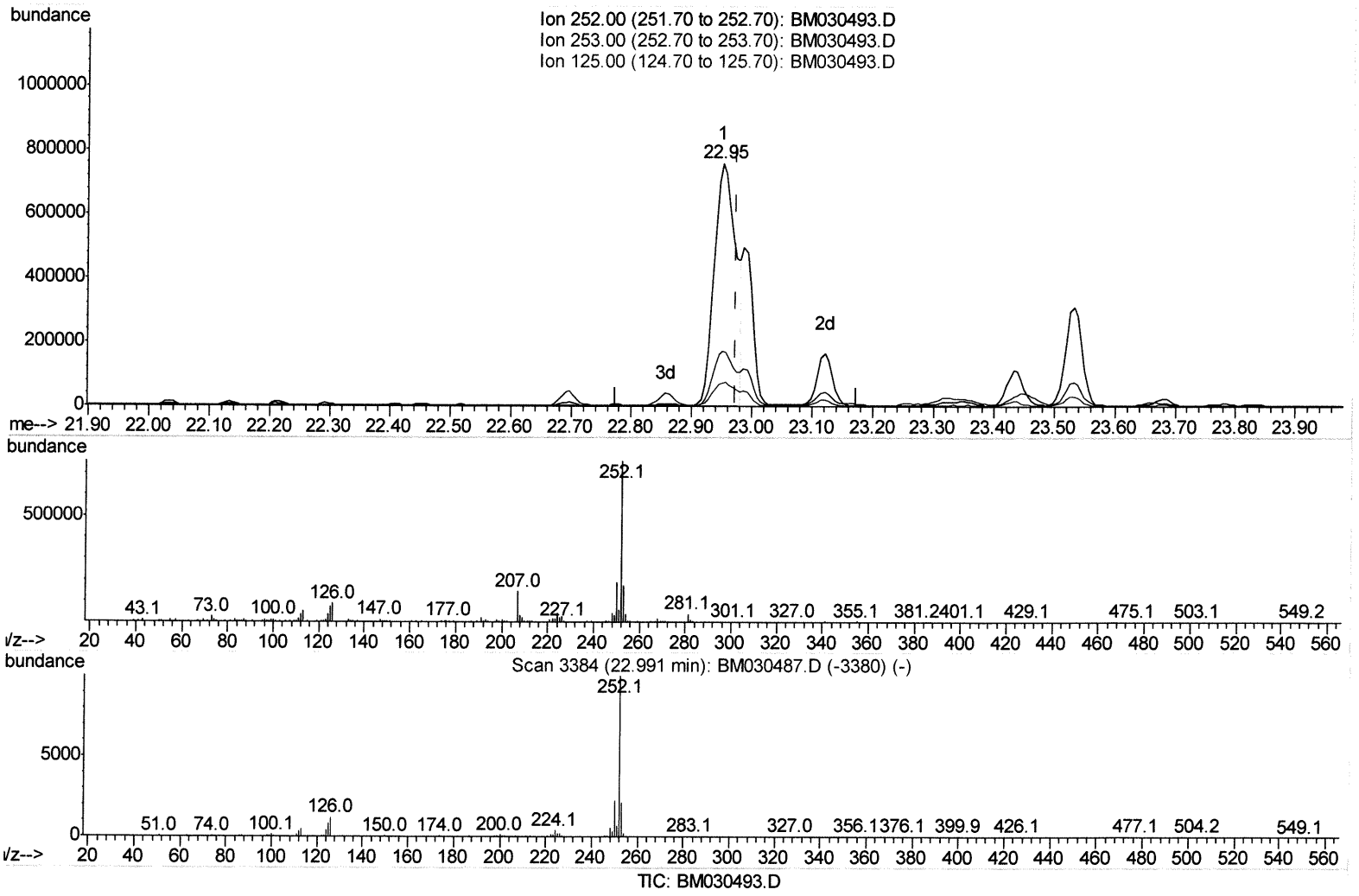
Ion	Exp%	Act%
84.00	100	100
56.00	73.50	55.83#
54.00	34.70	26.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 14:32:06 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 :
BG5Q9DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM



(91) Benzo(k)fluoranthene

22.950min (-0.023) 30.15ng/ul

response 1904231

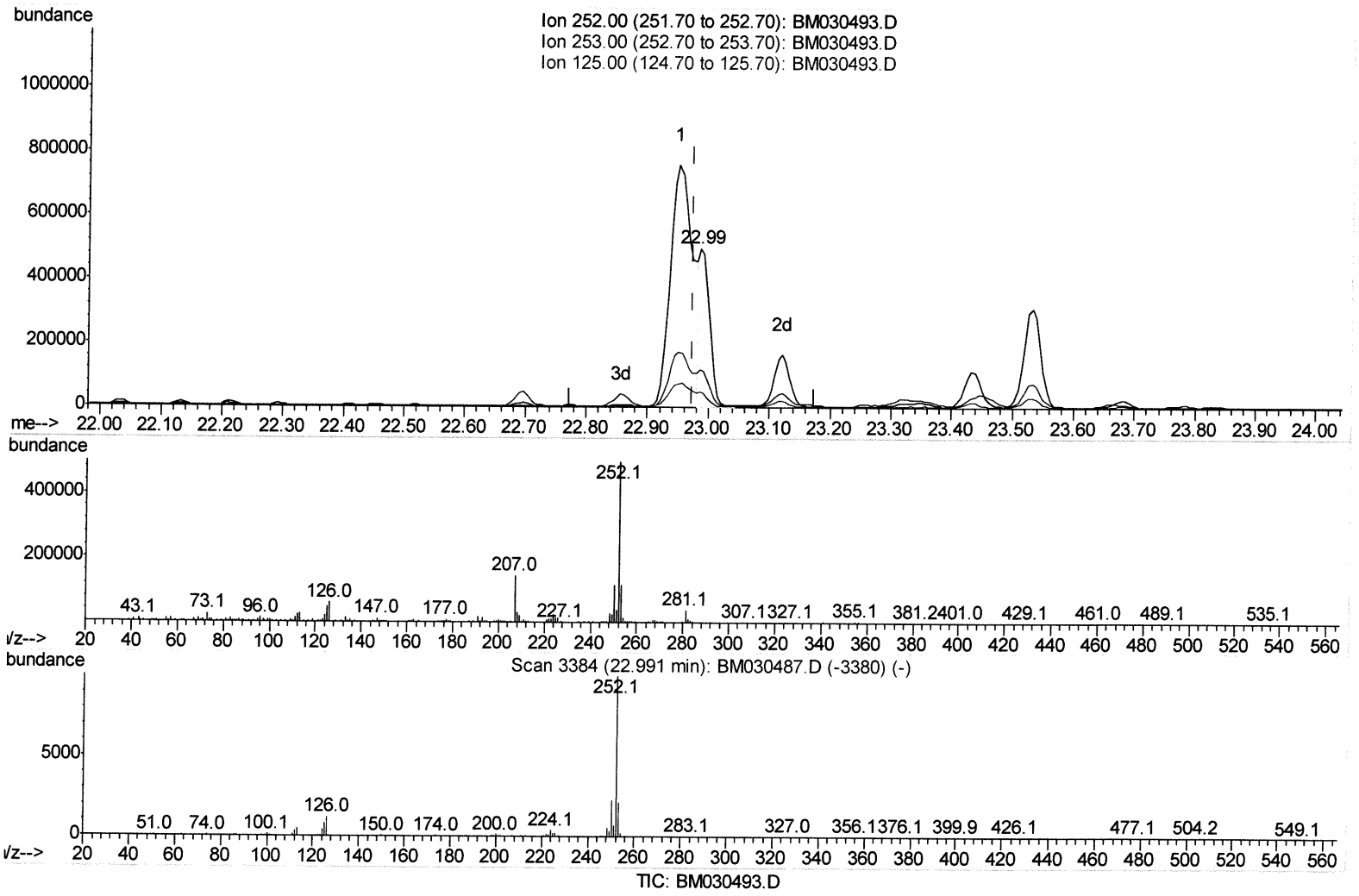
Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.90
125.00	10.50	9.43
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 14:32:06 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 :
BG5Q9DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM



(91) Benzo(k)fluoranthene

22.986min (+0.012) 9.71ng/ul m JU 6/23/21

response 612958

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.67
125.00	10.50	9.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

Manual Integrations APPROVED
mohammad
6/18/2021 1:03:11 PM

Quant Time: Jun 17 14:38:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
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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	223162	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	826781	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	485500	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	957422	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	984924	20.00	ng/ul	0.01
88) Perylene-d12	23.63	264	1028626	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	8140m	1.39	ng/uL	0.04
4) Pyridine-d5	3.78	84	56848m	3.70	ng/ul	0.06
7) Phenol-d5	7.00	99	159859	8.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	100513	8.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	134654	9.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	126571	8.17	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	59585	10.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	66330	11.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	124838	10.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	126494	6.76	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	350077	10.51	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	440182	10.58	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	28886	4.63	ng/ul	0.01
60) Fluorene-d10	15.44	176	312419	10.47	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	26040	4.71	ng/ul	0.00
73) Anthracene-d10	17.29	188	466539	10.71	ng/ul	0.00
81) Pyrene-d10	19.57	212	434741	8.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	354889	6.92	ng/ul	0.01
Target Compounds						Qvalue
6) Benzaldehyde	6.98	77	11008	1.211	ng/ul	93
16) Acetophenone	8.65	105	41303	1.686	ng/ul	96
52) Acenaphthene	14.51	153	53681	1.817	ng/ul	99
56) Dibenzofuran	14.84	168	45017	1.095	ng/ul	100
61) Fluorene	15.49	166	79873	2.315	ng/ul	97
72) Phenanthrene	17.23	178	1745027	33.708	ng/ul	99
74) Anthracene	17.32	178	602396	11.530	ng/ul	99
80) Fluoranthene	19.24	202	3464797	54.697	ng/ul	99
82) Pyrene	19.60	202	2131820	31.823	ng/ul	94
85) Benzo(a)anthracene	21.34	228	1986007	33.372	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	46471	1.457	ng/ul#	98
87) Chrysene	21.39	228	1566948	26.703	ng/ul	97
90) Benzo(b)fluoranthene	22.95	252	1904231	28.800	ng/ul	98
91) Benzo(k)fluoranthene	22.99	252	612958m	9.705	ng/ul	
93) Benzo(a)pyrene	23.53	252	590468	10.217	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.94	276	475486	6.685	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.94	278	228291	3.812	ng/ul#	93

JU 6/23/21

JU 6/23/21

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