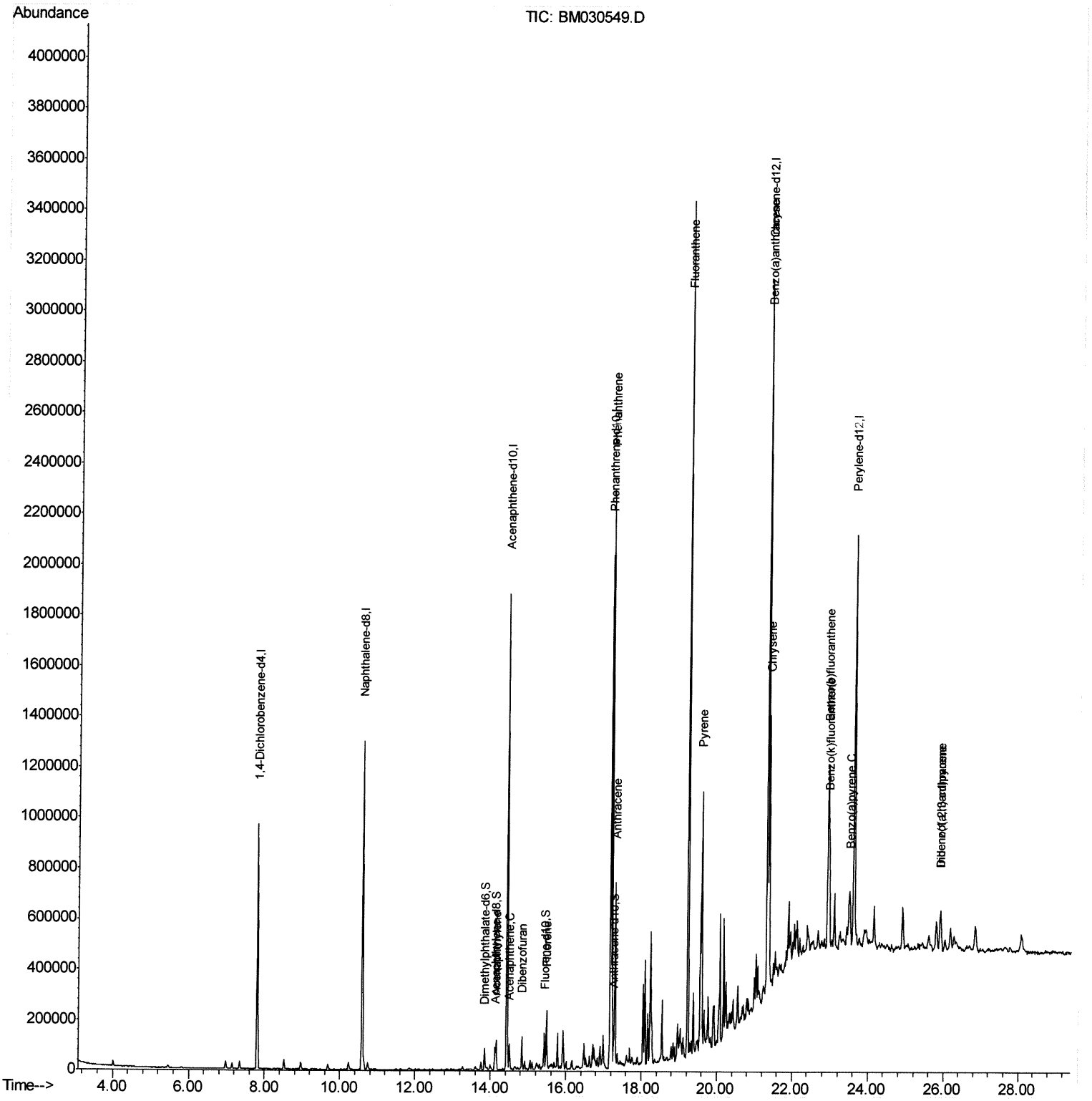
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030549.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jun 23 13:30:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:20 PM

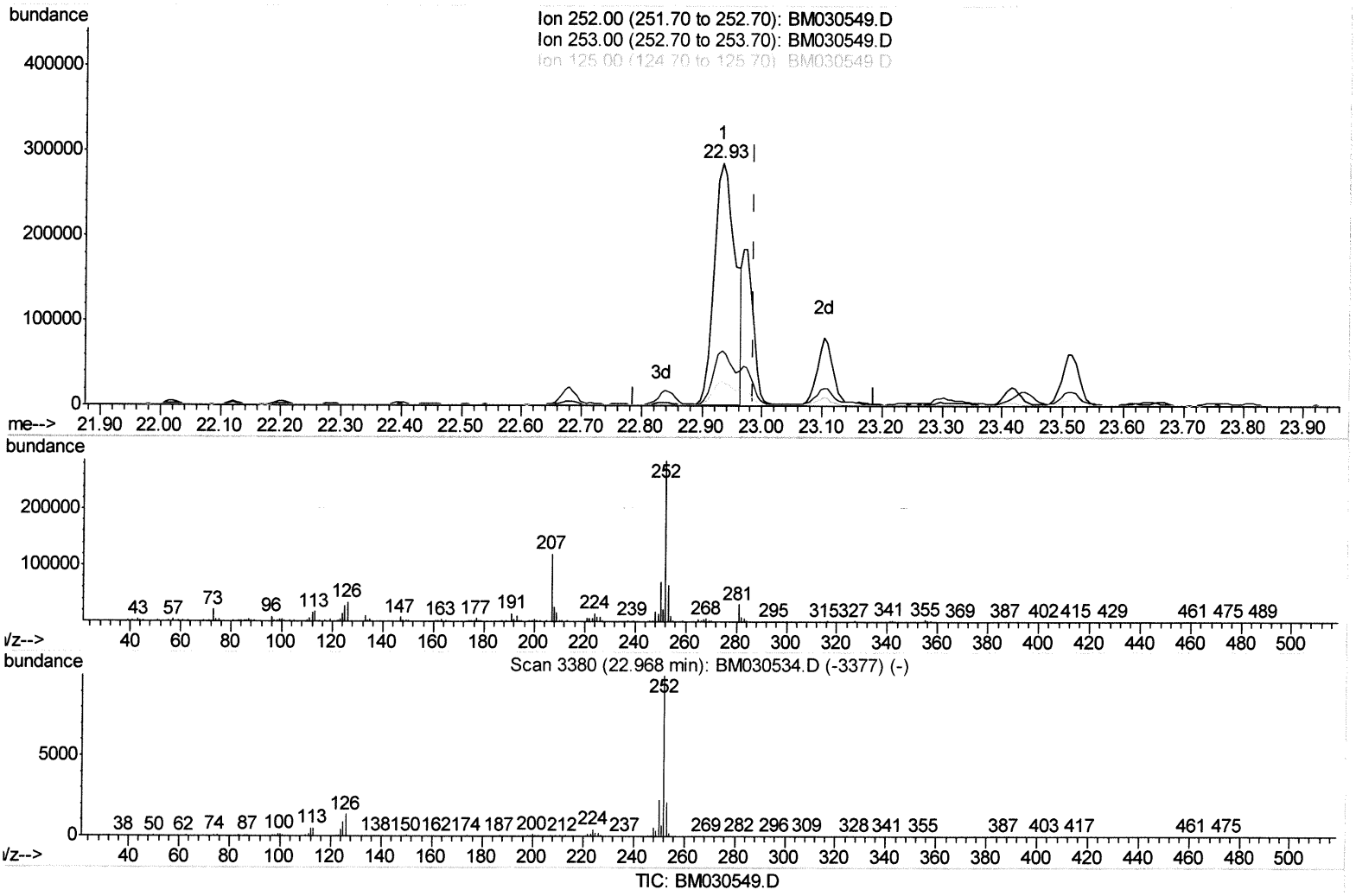


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030549.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jun 23 13:05:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:20 PM



(91) Benzo(k)fluoranthene

22.933min (-0.053) 9.77ng/ul

response 687819

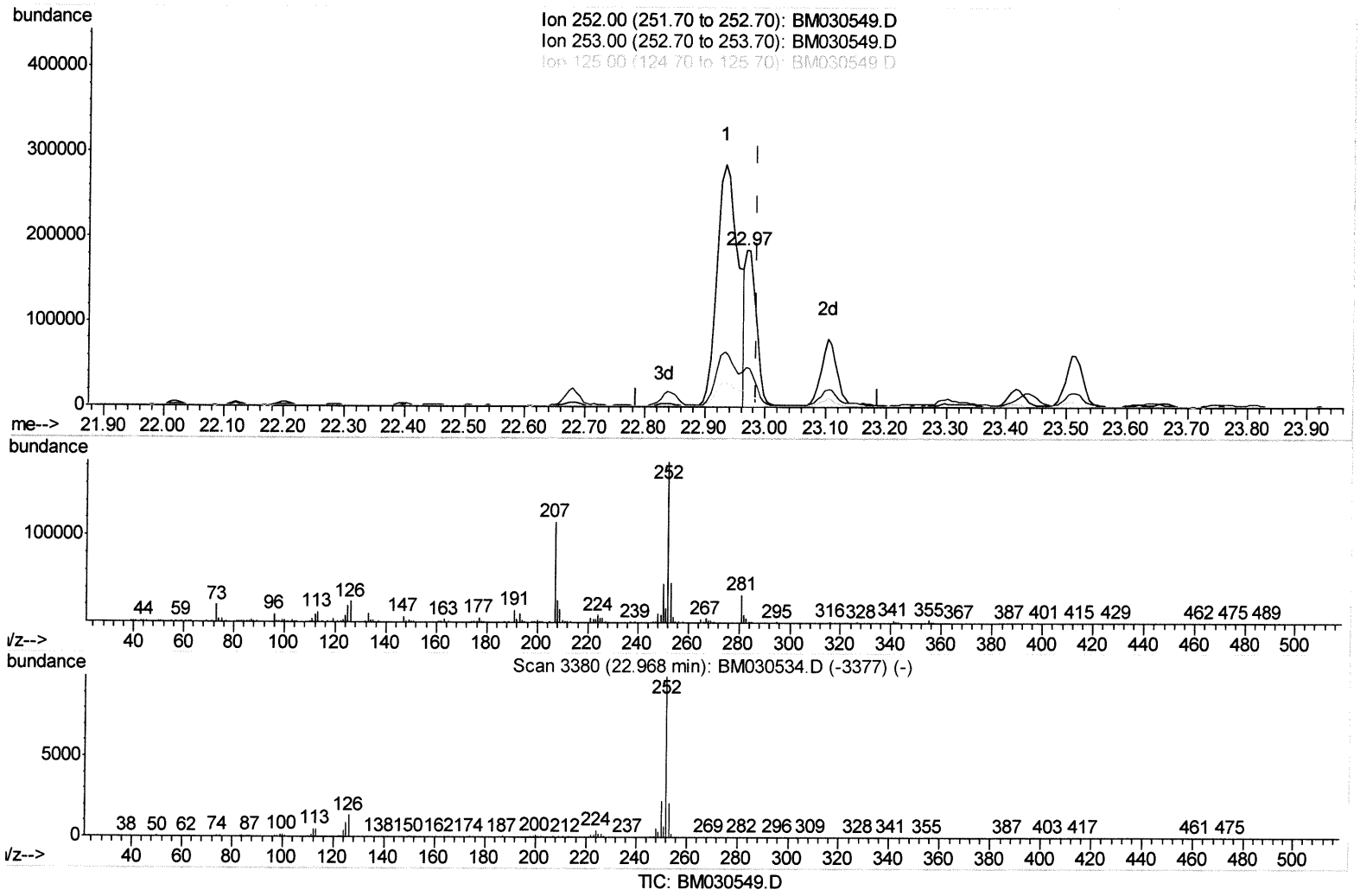
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.69
125.00	9.90	9.96
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030549.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jun 23 13:05:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:20 PM



(91) Benzo(k)fluoranthene

22.968min (-0.018) 3.36ng/ul m JG 6/28/21

response 236783

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.00
125.00	9.90	10.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030549.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:20 PM

Quant Time: Jun 23 13:30:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	256886	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	1047410	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.43	164	626824	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	1143095	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	1055148	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	1153585	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	1034	0.16	ng/uL	0.02
4) Pyridine-d5	3.70	84	317	0.02	ng/ul	0.00
7) Phenol-d5	6.97	99	18935	0.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	12190	0.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	13361	0.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	16089	0.93	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	6850	0.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	7277	0.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	14272	0.86	ng/ul	0.01
31) 4-Chloroaniline-d4	10.75	131	17935	0.77	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	54829	1.27	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	61662	1.10	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	2628	0.32	ng/ul	0.04
60) Fluorene-d10	15.43	176	49270	1.28	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	1837	0.25	ng/ul	0.00
73) Anthracene-d10	17.27	188	72408	1.36	ng/ul	-0.01
81) Pyrene-d10	19.56	212	53603	0.97	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.47	264	45915	0.77	ng/ul	-0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.16	152	76078	1.460	ng/ul	100
52) Acenaphthene	14.50	153	41343	1.093	ng/ul	99
56) Dibenzofuran	14.83	168	65006	1.233	ng/ul	98
61) Fluorene	15.48	166	93974	2.163	ng/ul	100
72) Phenanthrene	17.22	178	1318564	21.480	ng/ul	100
74) Anthracene	17.30	178	443010	7.058	ng/ul	99
80) Fluoranthene	19.23	202	1906732	28.238	ng/ul	98
82) Pyrene	19.59	202	654253	9.221	ng/ul	99
85) Benzo(a)anthracene	21.33	228	790167	12.067	ng/ul	98
87) Chrysene	21.38	228	561661	8.799	ng/ul	98
90) Benzo(b)fluoranthene	22.93	252	687819	9.391	ng/ul	99
91) Benzo(k)fluoranthene	22.97	252	236783m	3.364	ng/ul	99
93) Benzo(a)pyrene	23.51	252	119851	1.820	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	25.90	276	118125	1.425	ng/ul	96
95) Dibenzo(a,h)anthracene	25.91	278	80881	1.177	ng/ul#	89

> > JU 6/28/21

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