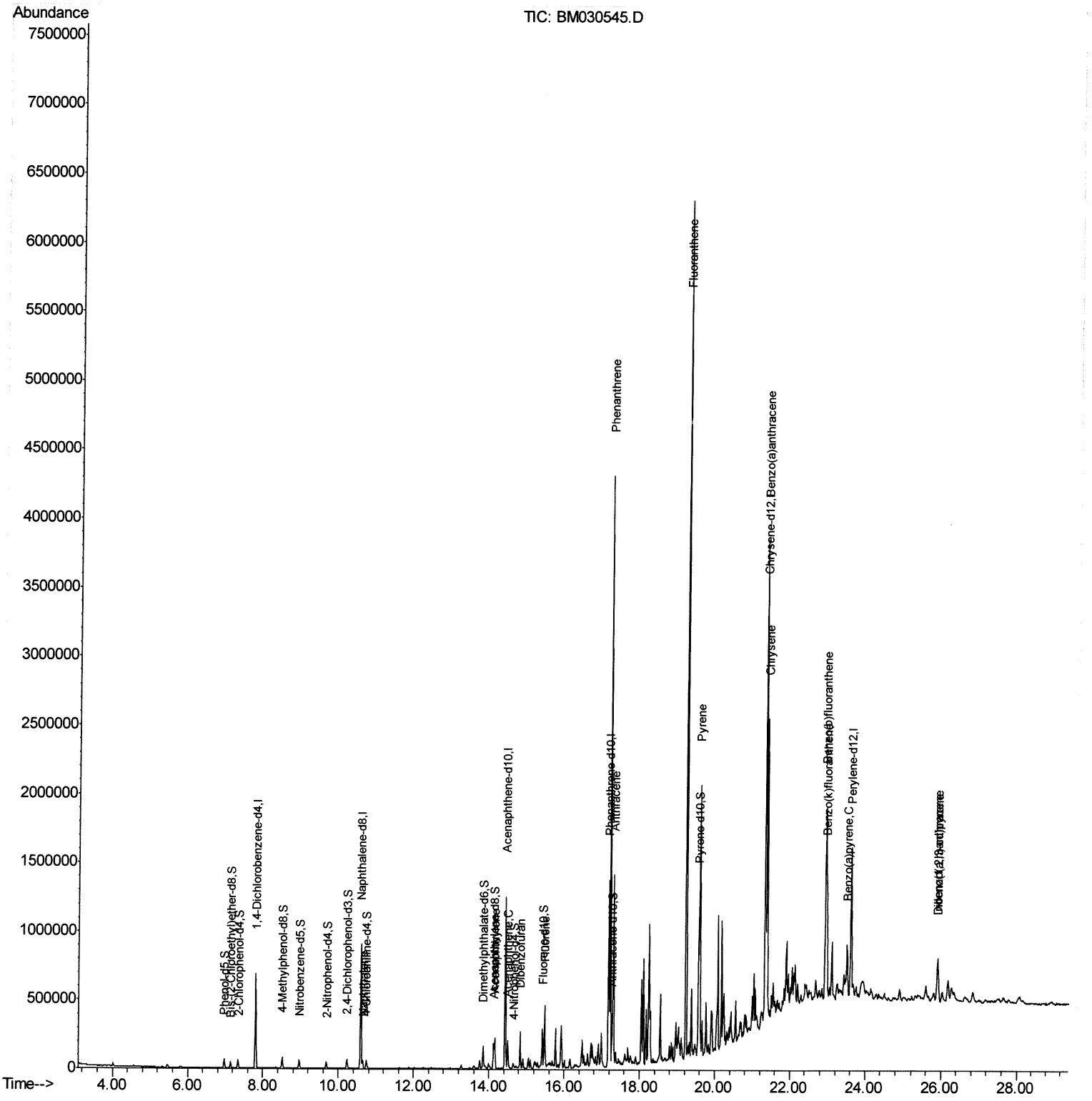
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 23 10:46:21 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 :
BGDF4DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:12 PM

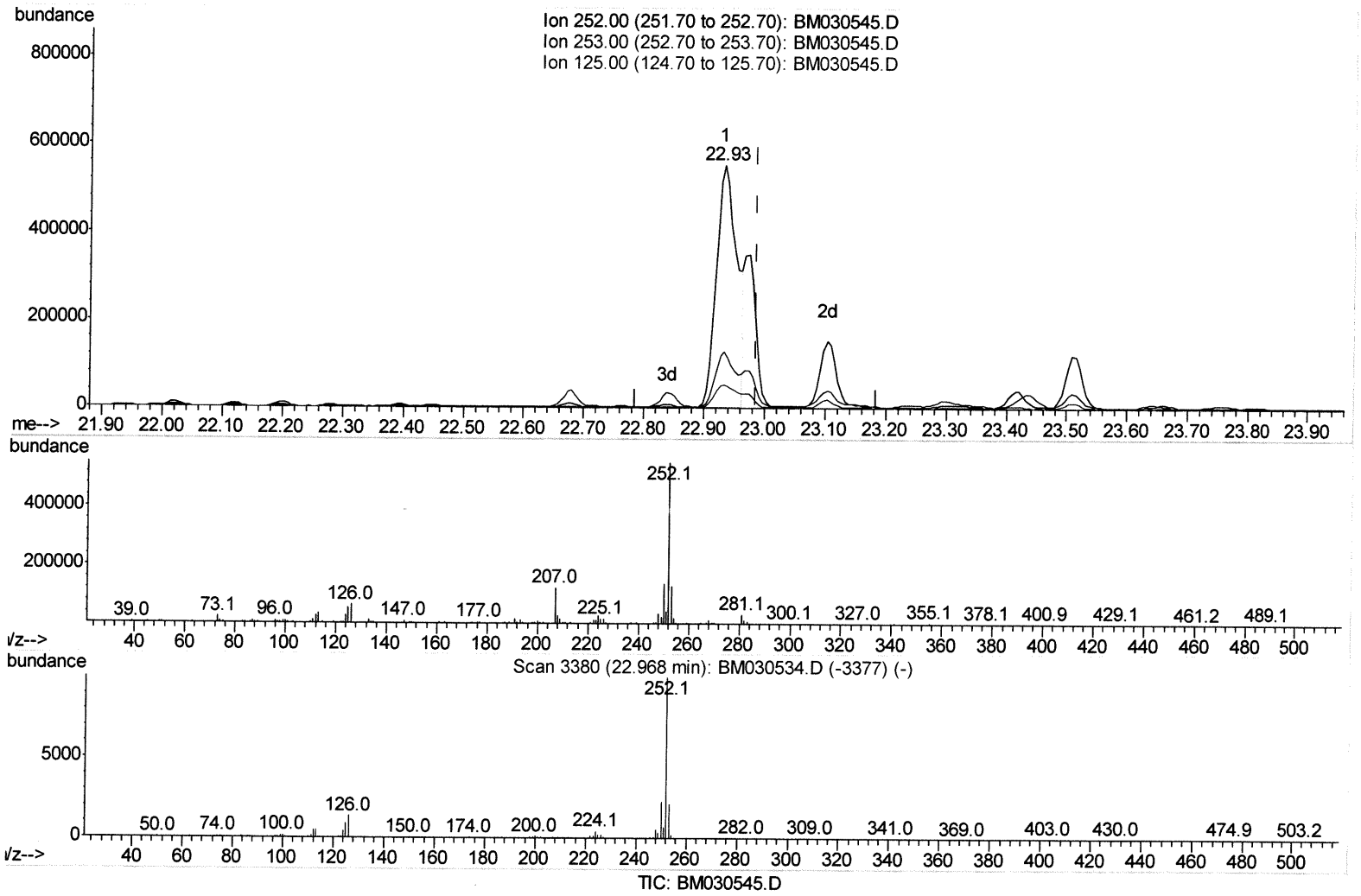


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 23 10:31:00 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 :
BGDF4DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:12 PM



(91) Benzo(k)fluoranthene

22.933min (-0.053) 27.60ng/ul

response 1309513

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.12
125.00	9.90	9.72
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 23 10:31:00 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
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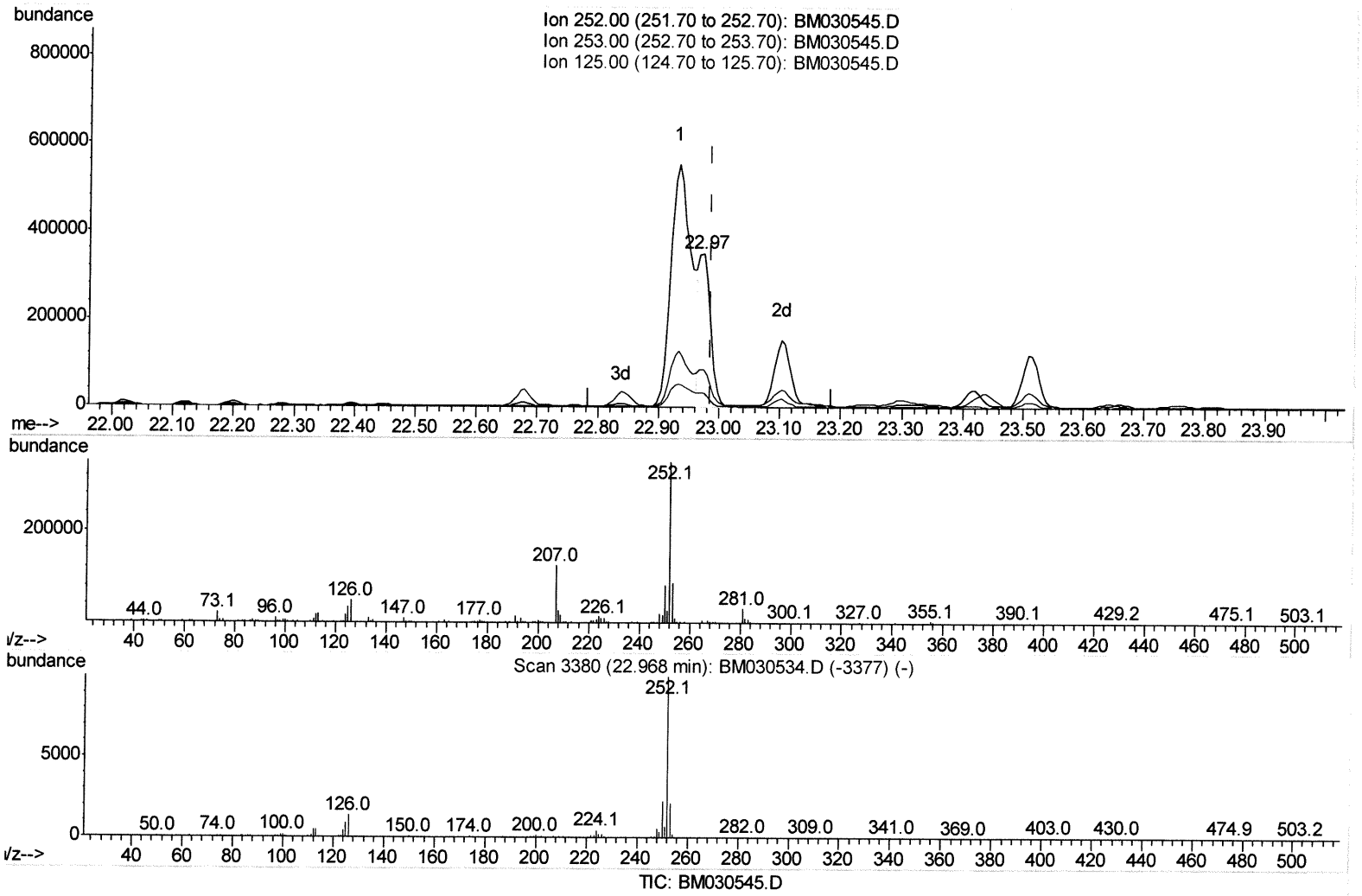
BNA_M
ClientSampleId :
BGDF4DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:12 PM



(91) Benzo(k)fluoranthene

22.974min (-0.012) 9.82ng/ul m JG 6/23/21

response 465770

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.53
125.00	9.90	9.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:12 PM

Quant Time: Jun 23 10:46:21 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	179725	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	727241	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.43	164	428059	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	784034	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	714728	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	777617	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	1921	0.43	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.97	99	36723	2.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	22934	2.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	27074	2.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	32137	2.66	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	14630	2.70	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	14946	2.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	30323	2.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	37267	2.31	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	109049	3.69	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	124459	3.24	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	7820	1.40	ng/ul	0.01
60) Fluorene-d10	15.43	176	98678	3.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	4748	0.93	ng/ul	0.00
73) Anthracene-d10	17.27	188	138000	3.77	ng/ul	0.00
81) Pyrene-d10	19.56	212	101783	2.72	ng/ul	-0.01
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
30) Naphthalene	10.65	128	45009	1.222	ng/ul	97
50) Acenaphthylene	14.16	152	145455	4.087	ng/ul	98
52) Acenaphthene	14.50	153	80814	3.129	ng/ul	99
56) Dibenzofuran	14.83	168	127541	3.542	ng/ul	99
61) Fluorene	15.48	166	186765	6.294	ng/ul	98
72) Phenanthrene	17.22	178	2580164	61.281	ng/ul	99
74) Anthracene	17.31	178	873486	20.290	ng/ul	100
80) Fluoranthene	19.23	202	3680450	80.467	ng/ul	99
82) Pyrene	19.59	202	1257743	26.170	ng/ul	100
85) Benzo(a)anthracene	21.33	228	1525879	34.401	ng/ul	98
87) Chrysene	21.38	228	1072615	24.806	ng/ul	97
90) Benzo(b)fluoranthene	22.93	252	1309513	26.525	ng/ul	99
91) Benzo(k)fluoranthene	22.97	252	465770m	9.817	ng/ul	90
93) Benzo(a)pyrene	23.51	252	227137	5.117	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	25.91	276	227089	4.064	ng/ul	93
95) Dibenzo(a,h)anthracene	25.91	278	159515	3.443	ng/ul#	93

JU 6/25/21

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