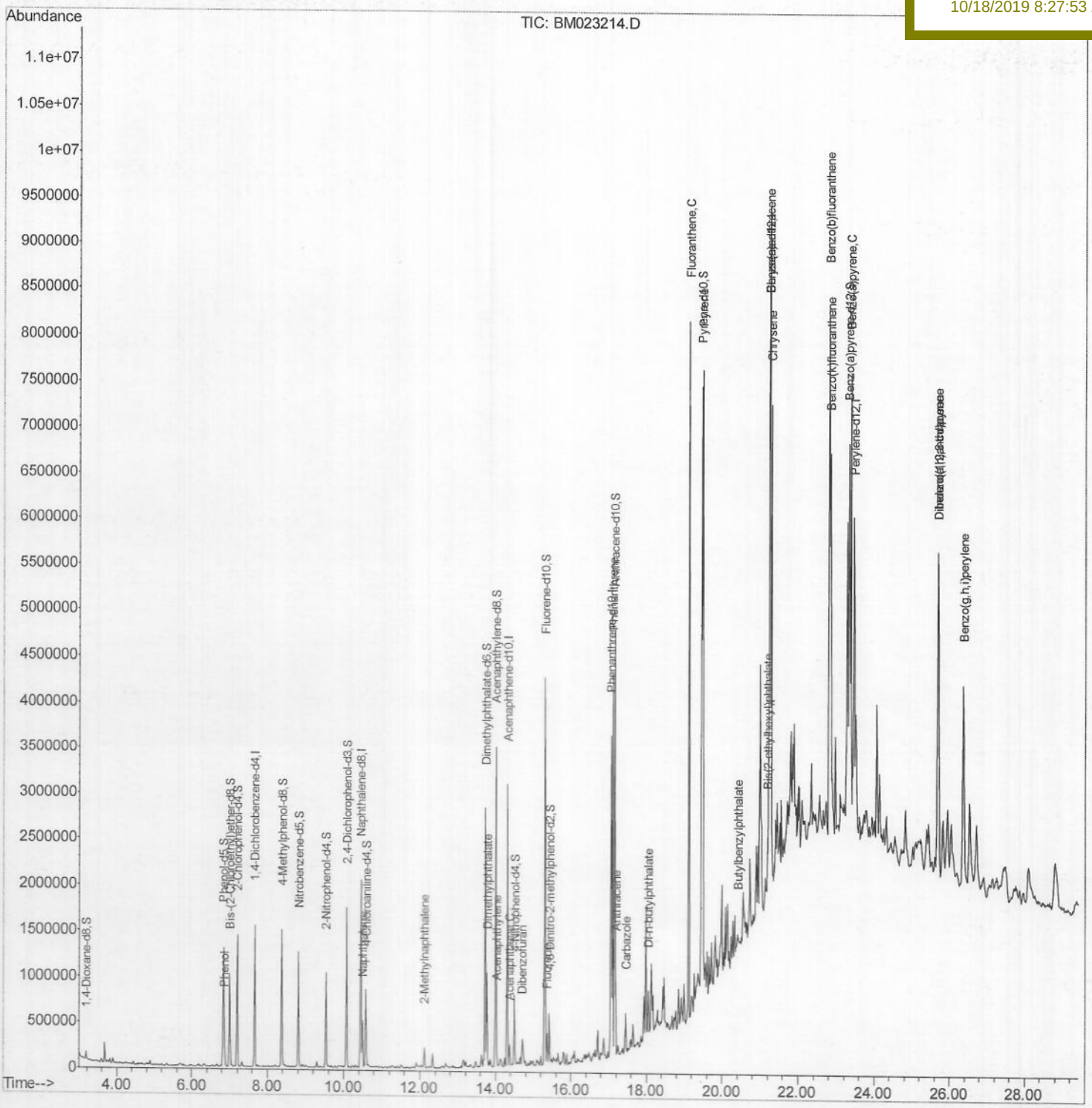
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023214.D
Acq On : 17 Oct 2019 10:26
Operator : JU
Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 17 14:22:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB78

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:53 AM



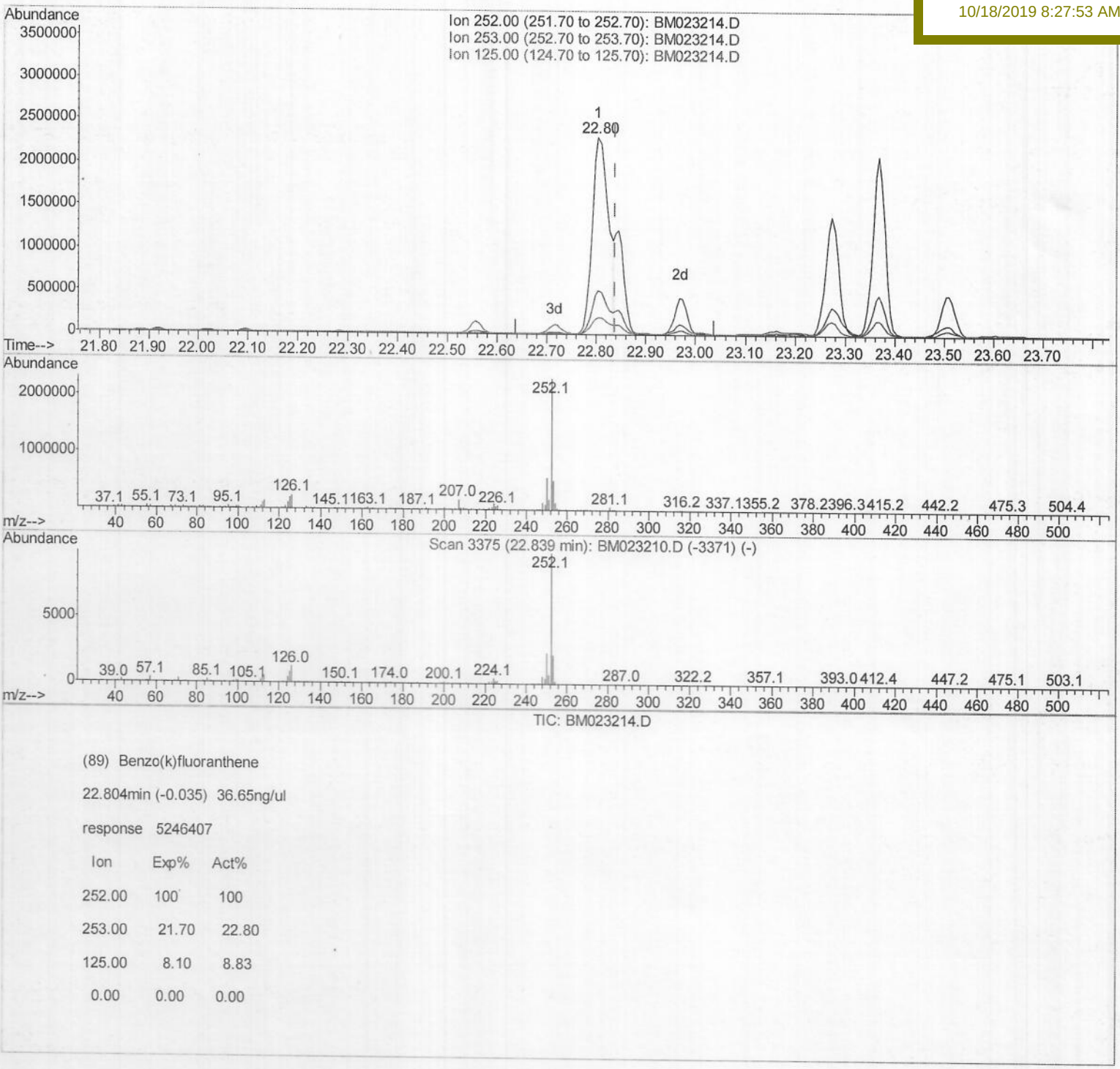
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023214.D
Acq On : 17 Oct 2019 10:26
Operator : JU
Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 17 12:36:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB78

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:53 AM



TIC: BM023214.D

(89) Benzo(k)fluoranthene

22.804min (-0.035) 36.65ng/ul

response 5246407

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.80
125.00	8.10	8.83
0.00	0.00	0.00

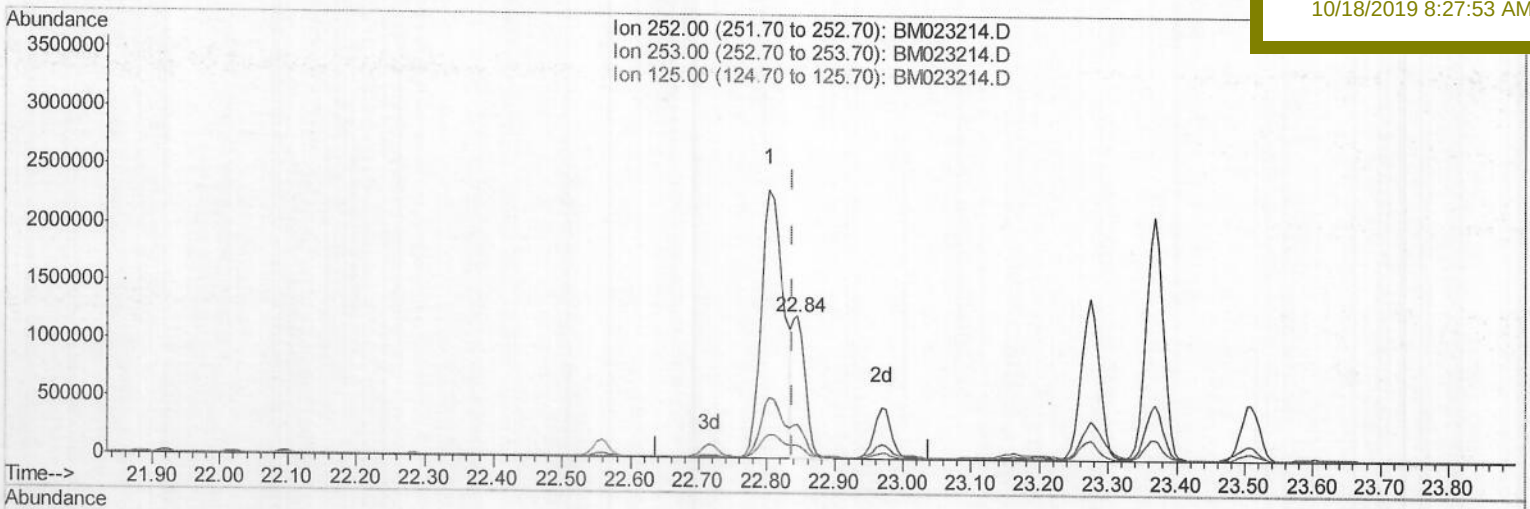
Quantitation Report (Qedit)

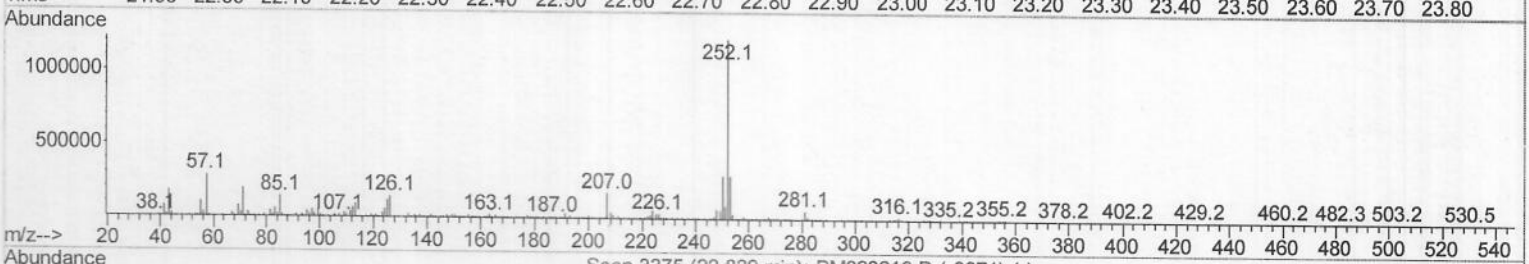
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023214.D
Acq On : 17 Oct 2019 10:26
Operator : JU
Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

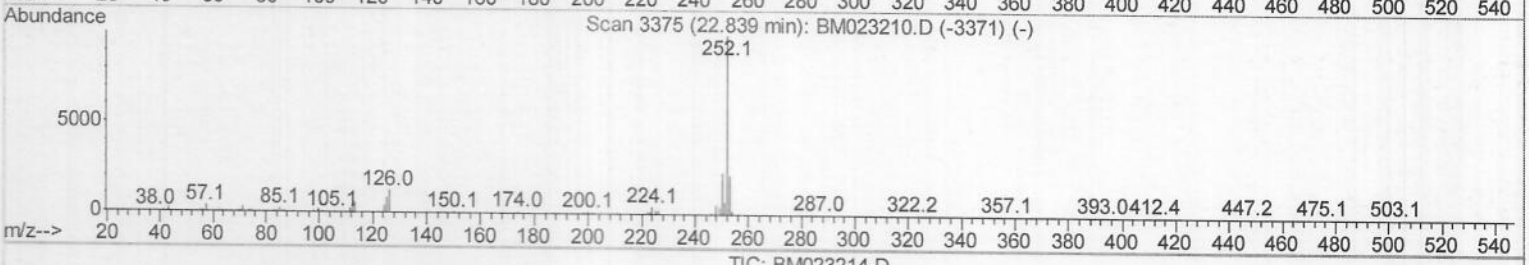
Quant Time: Oct 17 12:36:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB78

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:53 AM







TIC: BM023214.D

(89) Benzo(k)fluoranthene

22.845min (+0.006) 11.55ng/ul m JU 10/19/19

response 1653204

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.85
125.00	8.10	9.45
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023214.D
Acq On : 17 Oct 2019 10:26
Operator : JU
Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 17 14:22:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BFB78

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	409980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1653415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1004916	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1997383	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1983516	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2458913	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	41359	4.44	ng/uL	0.00
5) Phenol-d5	6.83	99	733170	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	447384	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	631115	23.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	554575	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	301700	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	333399	31.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	641397	23.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	474448	14.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1933090	25.10	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	2282987	25.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	174452	13.99	ng/ul	0.00
58) Fluorene-d10	15.30	176	1655532	25.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	110049	13.90	ng/ul	0.00
71) Anthracene-d10	17.15	188	2546367	26.44	ng/ul	0.00
79) Pyrene-d10	19.45	212	2760747	28.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	3329607	26.71	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.86	94	134173	3.644	ng/ul	98
28) Naphthalene	10.49	128	402114	4.705	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	103506	1.628	ng/ul	98
45) Dimethylphthalate	13.77	163	650908	8.445	ng/ul	99
48) Acenaphthylene	14.03	152	180967	1.960	ng/ul	98
50) Acenaphthene	14.37	153	98359	1.530	ng/ul	99
54) Dibenzofuran	14.71	168	158220	1.733	ng/ul	99
59) Fluorene	15.36	166	121765	1.626	ng/ul	96
70) Phenanthrene	17.10	178	2466945	22.008	ng/ul	99
72) Anthracene	17.19	178	536389	4.631	ng/ul	99
75) Carbazole	17.45	167	261727	2.529	ng/ul	97
76) Di-n-butylphthalate	18.05	149	270294	2.195	ng/ul#	96
77) Fluoranthene	19.12	202	4643307	34.830	ng/ul	99
80) Pyrene	19.48	202	4095367	32.958	ng/ul	99
81) Butylbenzylphthalate	20.40	149	47099	1.090	ng/ul	95
83) Benzo(a)anthracene	21.23	228	2861438	21.291	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	157220	2.288	ng/ul#	98
85) Chrysene	21.29	228	2945961	23.607	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	5246407	35.191	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	1653204m	11.548	ng/ul	97
91) Benzo(a)pyrene	23.37	252	3682866	25.748	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	3094605	18.187	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	845576	5.943	ng/ul#	94

JU 10/19/19

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023214.D
Acq On : 17 Oct 2019 10:26
Operator : JU
Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 17 14:22:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB78

Manual Integrations APPROVED
mohammad
10/18/2019 8:27:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.37	276	2617027	18.680	ng/ul	99

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