Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

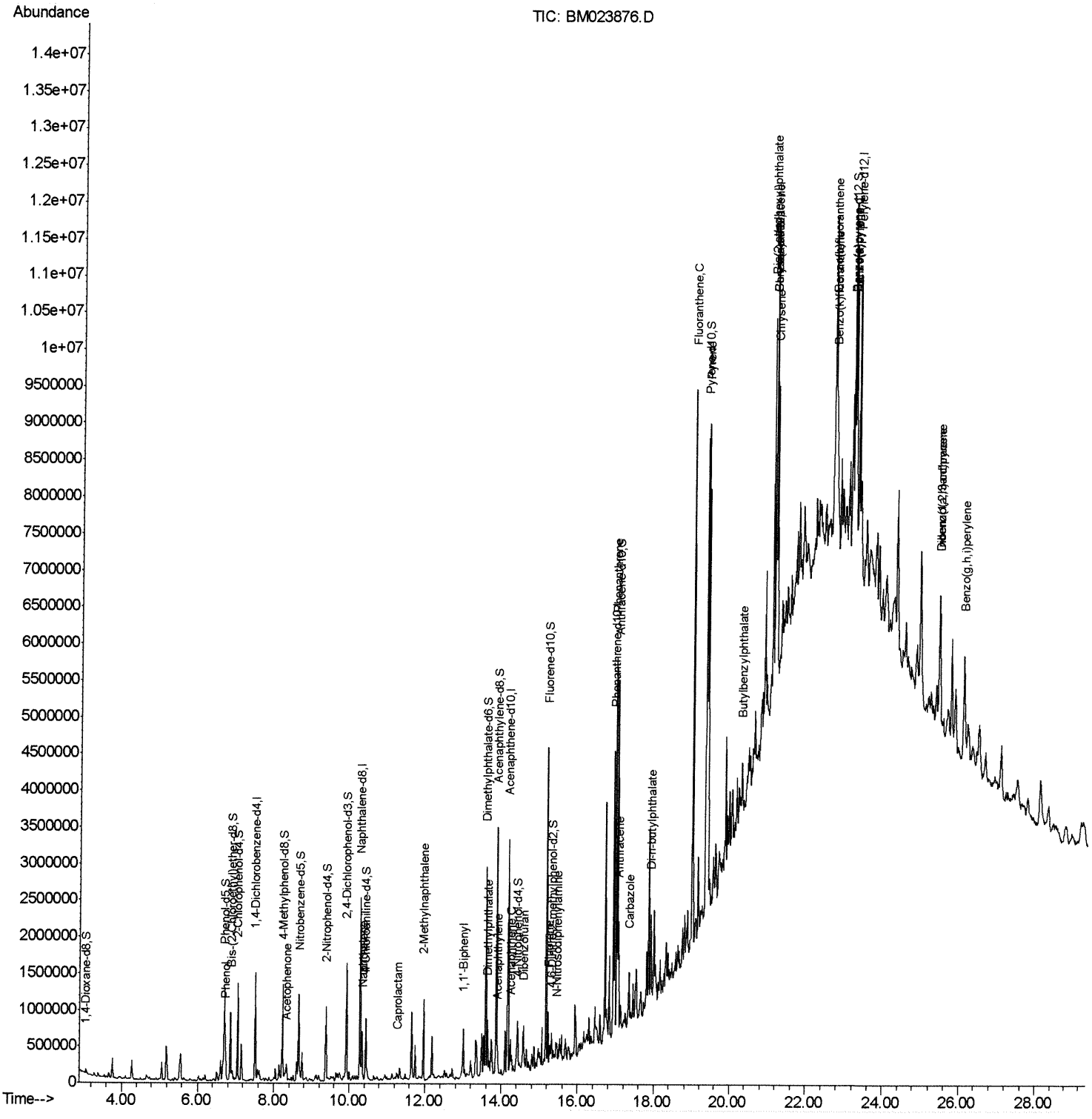
Quantitation Report (QT Reviewed)

Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 23 05:55:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

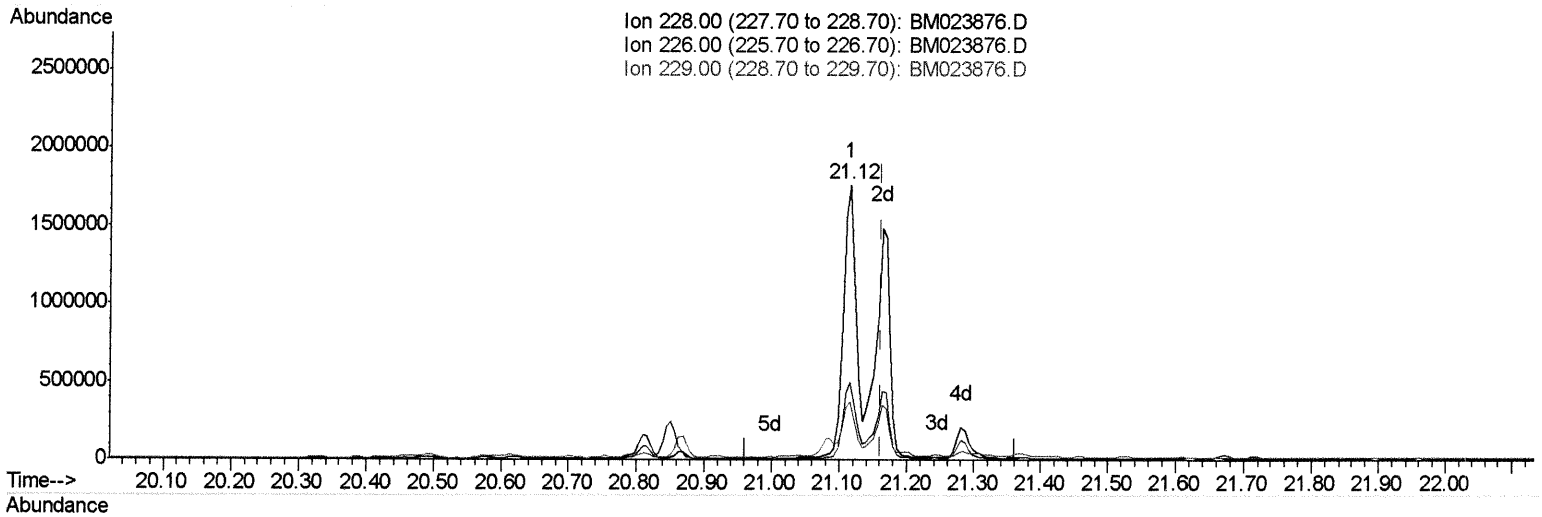
Quantitation Report (Qedit)

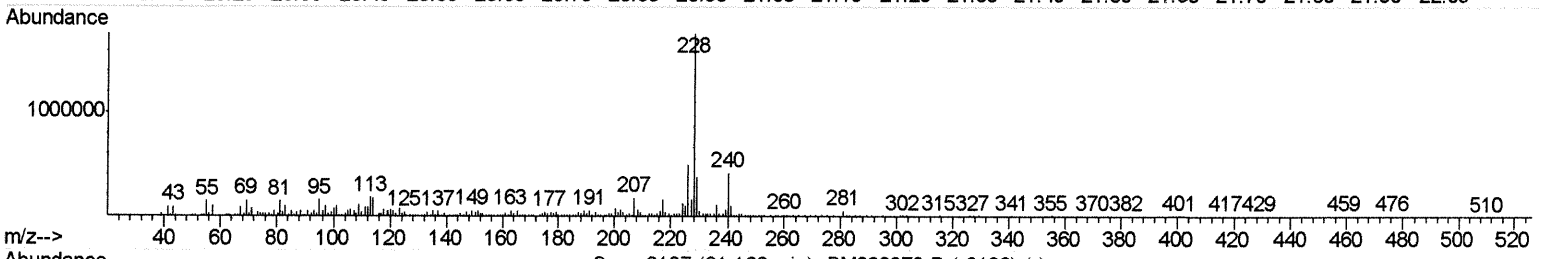
Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 23 05:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

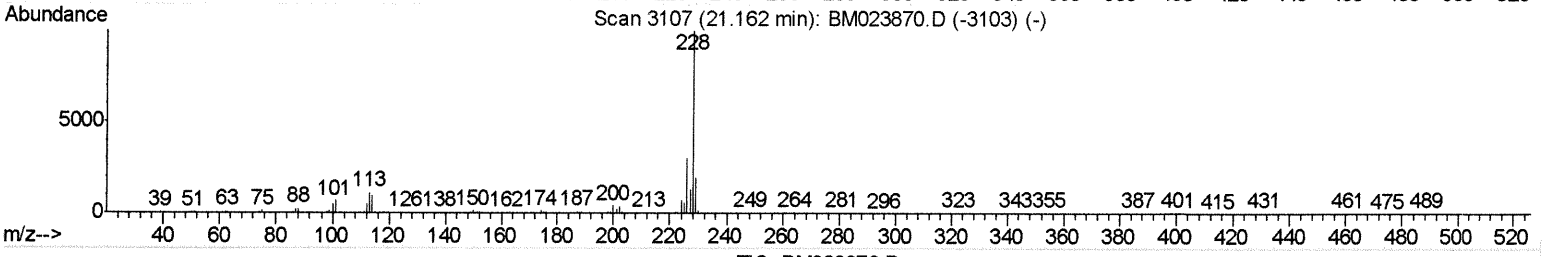
Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM





Scan 3107 (21.162 min): BM023870.D (-3103) (-)



TIC: BM023876.D

(85) Chrysene

21.115min (-0.047) 18.43ng/ul

response 2301738

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	28.19
229.00	19.70	21.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

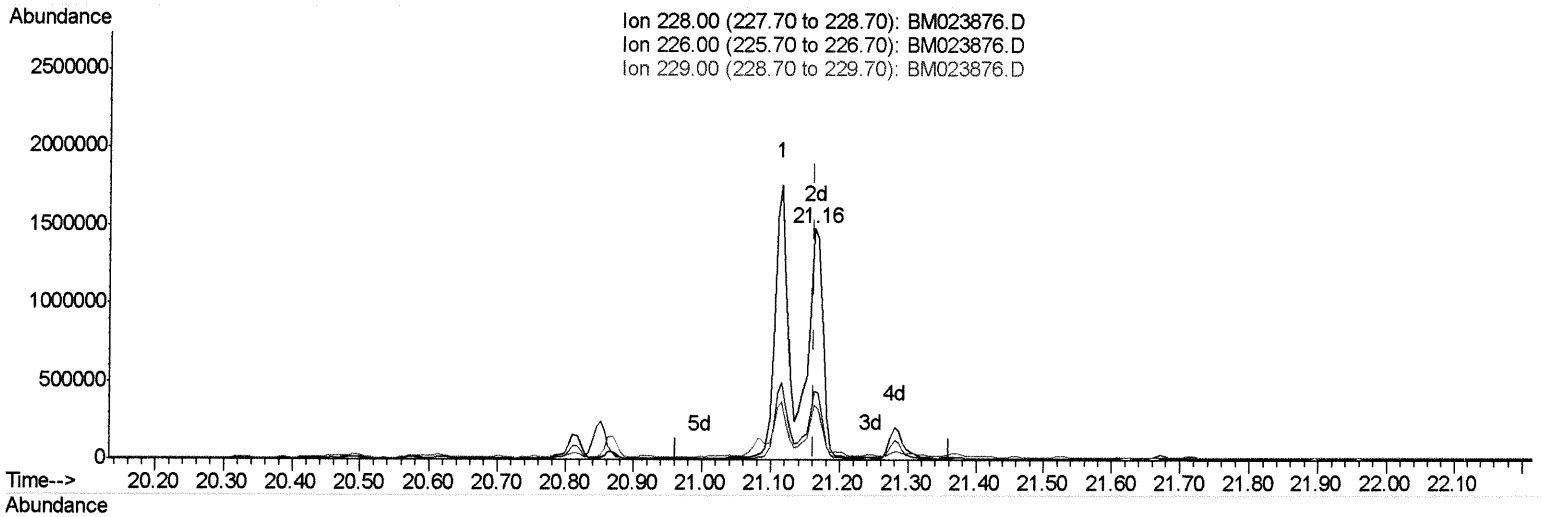
Quantitation Report (Qedit)

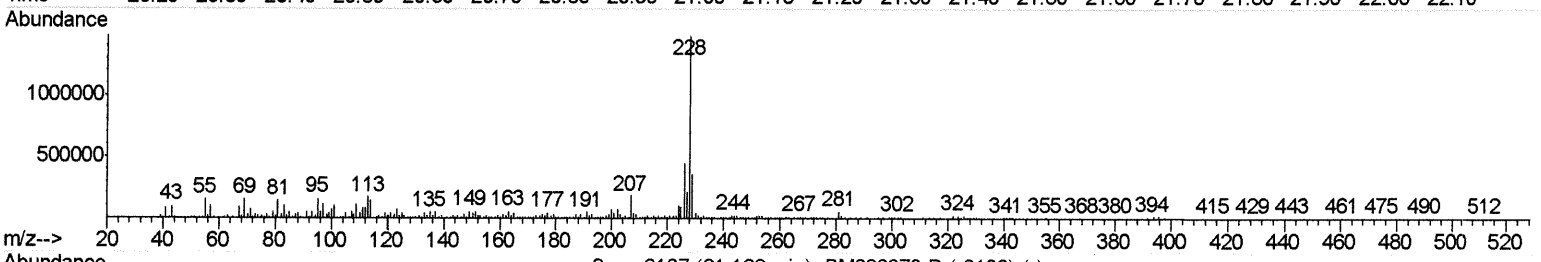
Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

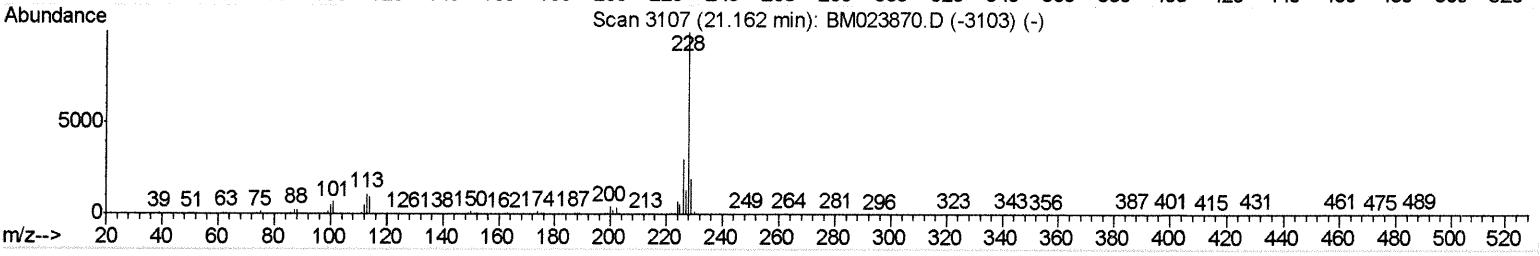
Quant Time: Nov 23 05:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM







TIC: BM023876.D

(85) Chrysene

21.162min (+0.000) 17.61ng/ul m JU 11/25/19

response 2200227

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	30.02
229.00	19.70	23.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

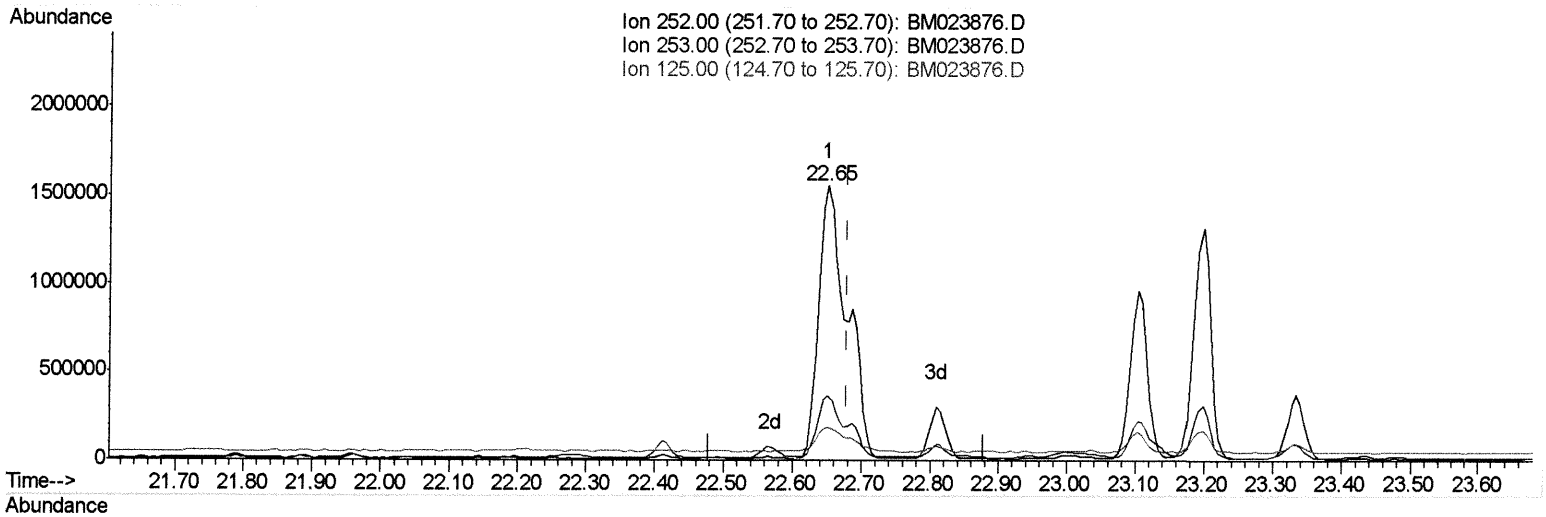
Quantitation Report (Qedit)

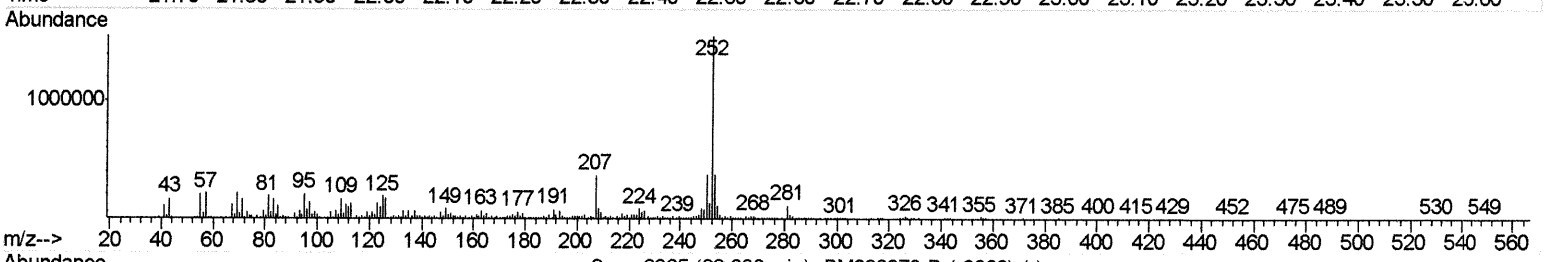
Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

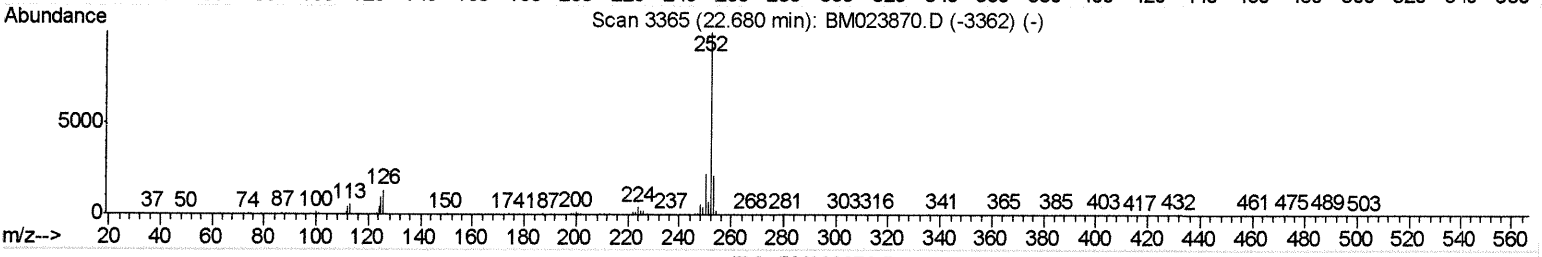
Quant Time: Nov 23 05:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM







TIC: BM023876.D

(89) Benzo(k)fluoranthene

22.650min (-0.029) 22.50ng/ul

response 3528452

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.69
125.00	7.40	12.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

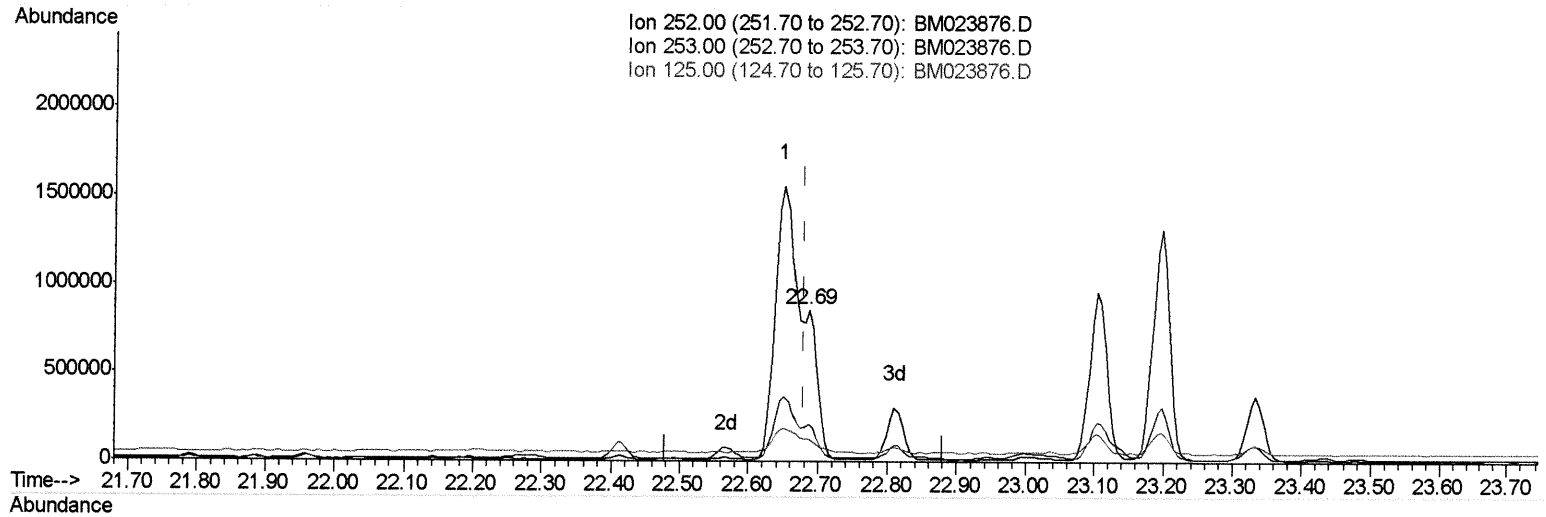
Quantitation Report (Qedit)

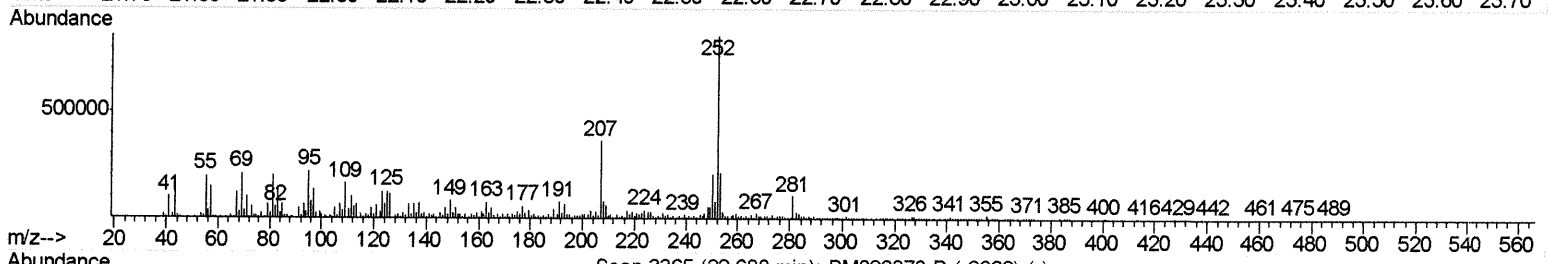
Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

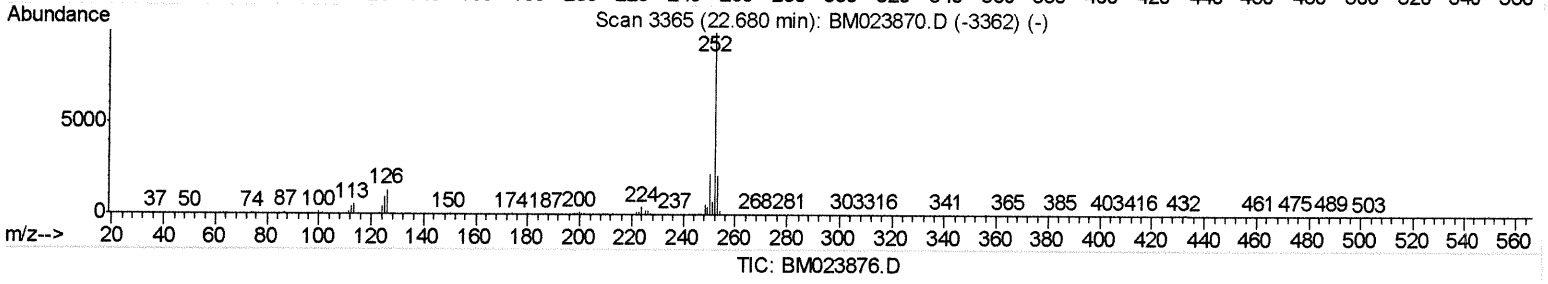
Quant Time: Nov 23 05:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM







TIC: BM023876.D

(89) Benzo(k)fluoranthene

22.686min (+0.006) 5.81ng/ul m JU 11/23/19

response 910355

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.70
125.00	7.40	14.75#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (QT Reviewed)

Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 23 05:55:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	413639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1655054	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1018336	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2069763	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2011536	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2553325	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	32480	3.24	ng/uL	0.00
5) Phenol-d5	6.70	99	759213	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	432859	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	613835	22.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	539233	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	300589	25.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	348856	28.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	628548	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	529082	16.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1861650	23.44	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2268634	25.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	201411	14.86	ng/ul	0.01
58) Fluorene-d10	15.17	176	1657135	23.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	83088	6.94	ng/ul	0.00
71) Anthracene-d10	17.02	188	2531952	25.79	ng/ul	0.00
79) Pyrene-d10	19.33	212	2698842	25.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3463088	25.77	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.73	94	245271	6.314	ng/ul	96
14) Acetophenone	8.33	105	144202	3.074	ng/ul	96
28) Naphthalene	10.33	128	514529	5.915	ng/ul	99
32) Caprolactam	11.25	113	20392	2.304	ng/ul	94
34) 2-Methylnaphthalene	11.96	142	533550	8.018	ng/ul	96
41) 1,1'-Biphenyl	12.99	154	150529	1.916	ng/ul	98
45) Dimethylphthalate	13.63	163	459952	5.910	ng/ul	99
48) Acenaphthylene	13.89	152	128241	1.406	ng/ul#	95
50) Acenaphthene	14.23	153	175818	2.715	ng/ul	98
54) Dibenzofuran	14.57	168	277109	2.891	ng/ul	97
59) Fluorene	15.23	166	225574	2.901	ng/ul#	97
65) N-Nitrosodiphenylamine	15.44	169	63357	1.043	ng/ul	89
70) Phenanthrene	16.96	178	3157786	27.699	ng/ul	100
72) Anthracene	17.06	178	898630	7.839	ng/ul	99
75) Carbazole	17.33	167	423525	4.432	ng/ul	98
76) Di-n-butylphthalate	17.91	149	840398	7.975	ng/ul	98
77) Fluoranthene	18.99	202	4367230	35.755	ng/ul#	95
80) Pyrene	19.36	202	3945446	30.344	ng/ul	97
81) Butylbenzylphthalate	20.27	149	173303	4.208	ng/ul	88
83) Benzo(a)anthracene	21.12	228	2284660	17.219	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	1950180	31.365	ng/ul	99
85) Chrysene	21.16	228	2200227m	> 17.614	ng/ul	> 99
88) Benzo(b)fluoranthene	22.65	252	3528452	21.678	ng/ul#	95

JU 11/25/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (QT Reviewed)

Data File : BM023876.D
Acq On : 23 Nov 2019 02:45
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 23 05:55:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AC4

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.69	252	910355m	> 5.805	ng/ul	
91) Benzo(a)pyrene	23.20	252	2250866	15.106	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.43	276	1627358	10.214	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	425299	3.163	ng/ul#	83
94) Benzo(g,h,i)perylene	26.09	276	1595131	12.355	ng/ul	98

JU 11/25/19

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