

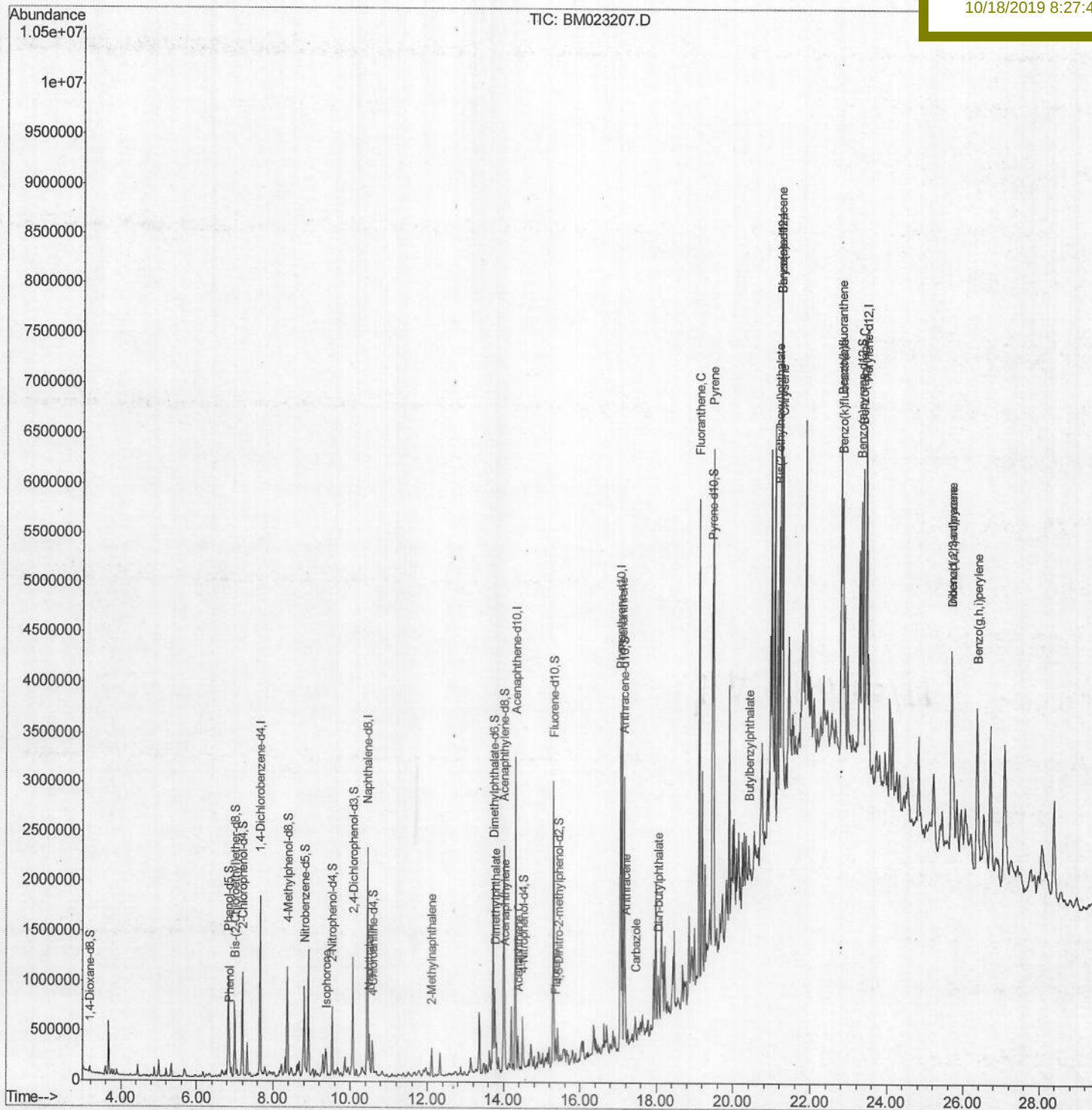
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1.

Quant Time: Oct 17 06:56:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
BFB75

Manual Integrations
APPROVED

mohammad
10/18/2019 8:27:40 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (Qedit)

Data File : BM023207.D

Acq On : 17 Oct 2019 01:09

Operator : JU

Sample : K5262-11

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 04:38:00 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 04:31:06 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

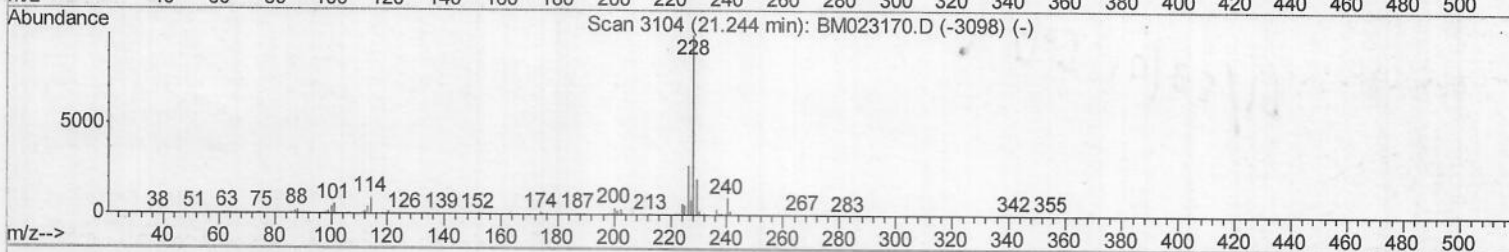
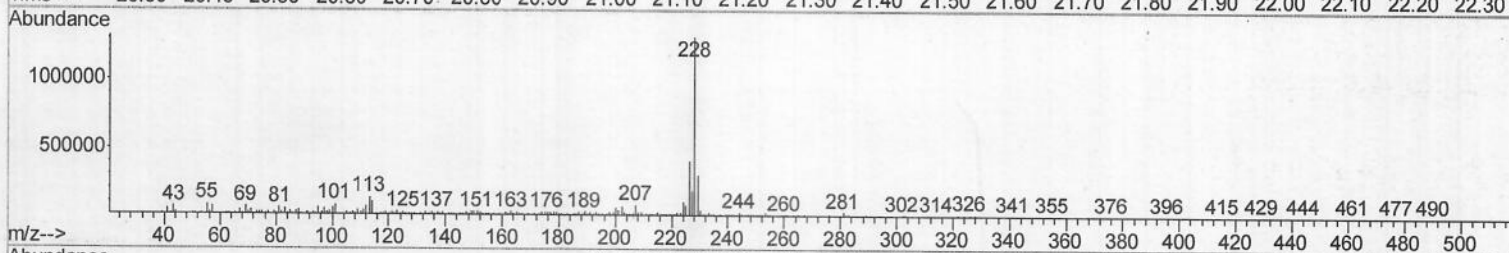
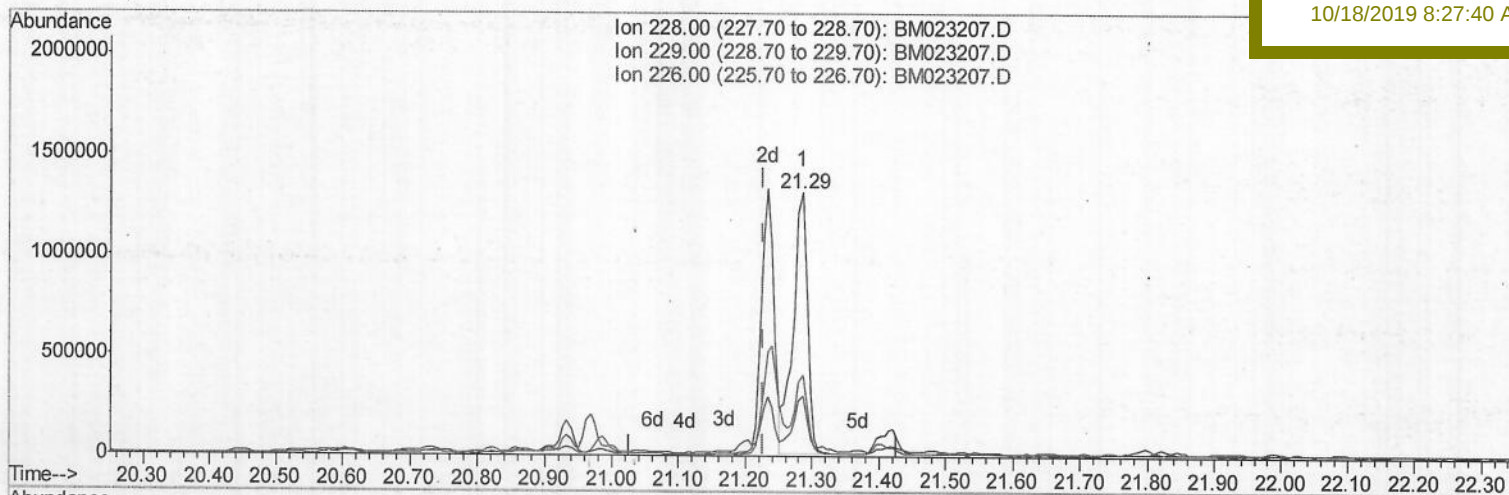
BFB75

Manual Integrations

APPROVED

mohammad

10/18/2019 8:27:40 AM



TIC: BM023207.D

(83) Benzo(a)anthracene

21.286min (+0.059) 15.34ng/ul

response 1942601

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.65
226.00	27.00	30.59
0.00	0.00	0.00

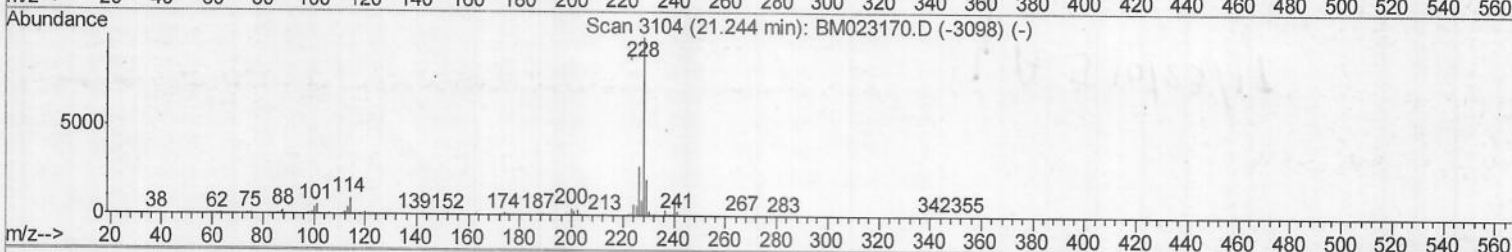
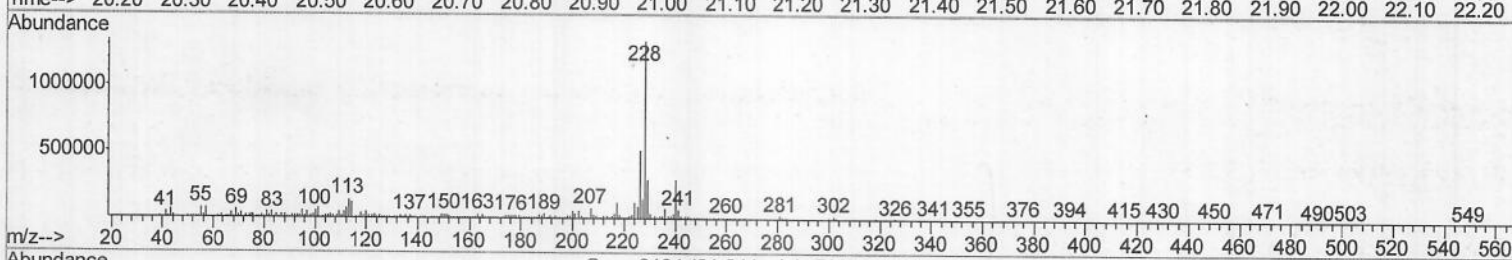
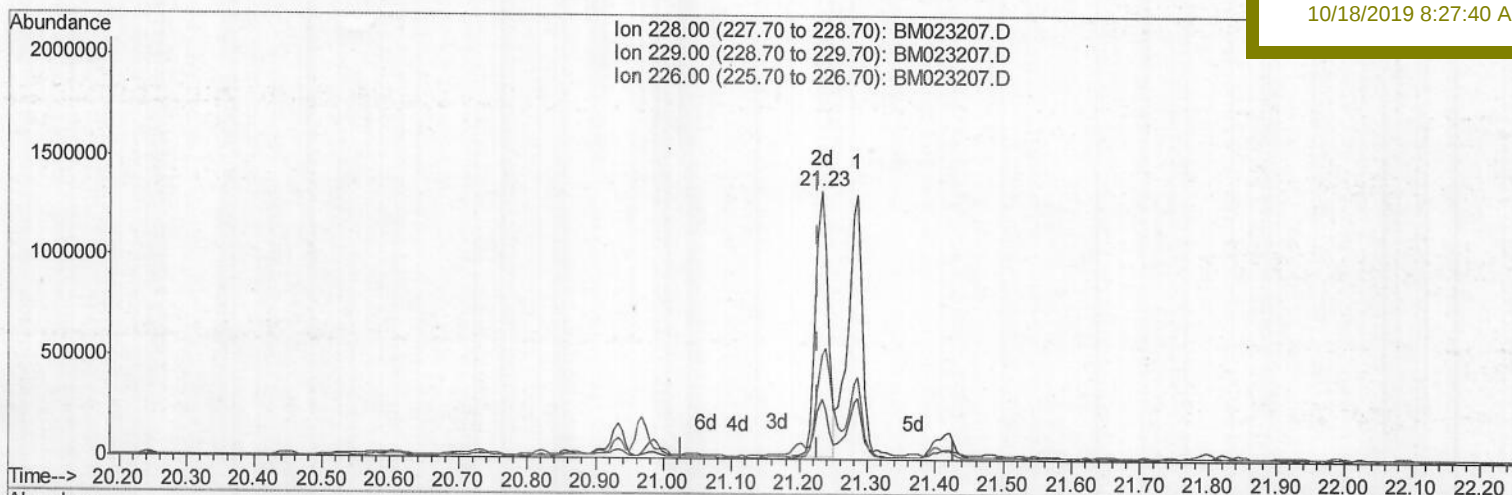
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 04:38:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB75

Manual Integrations
APPROVED

mohammad
10/18/2019 8:27:40 AM



TIC: BM023207.D

(83) Benzo(a)anthracene

21.233min (+0.006) 13.59ng/ul m

JU 10/23/19

response 1721502

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.84
226.00	27.00	38.20#
0.00	0.00	0.00

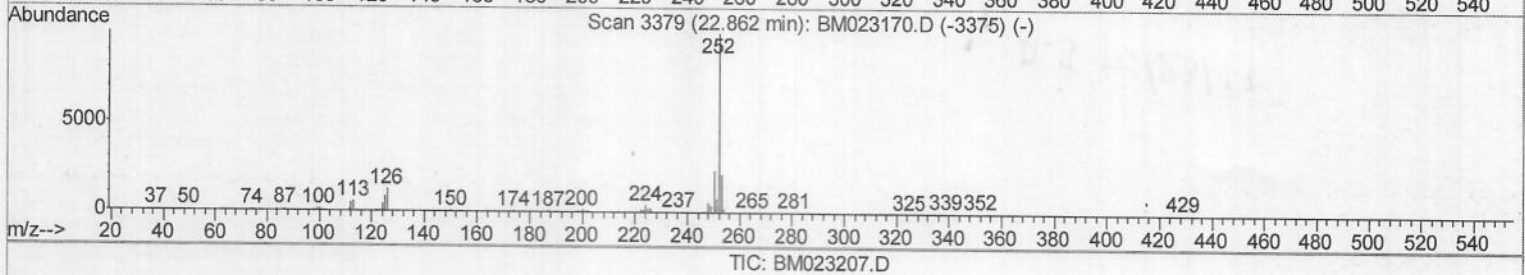
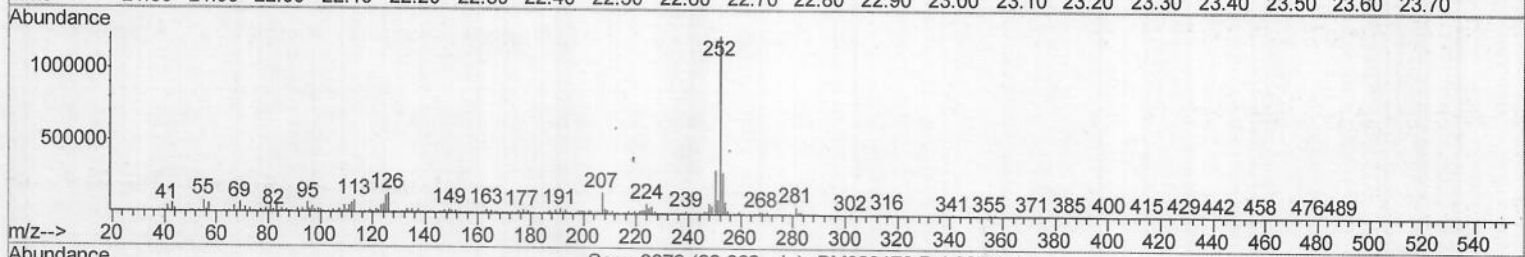
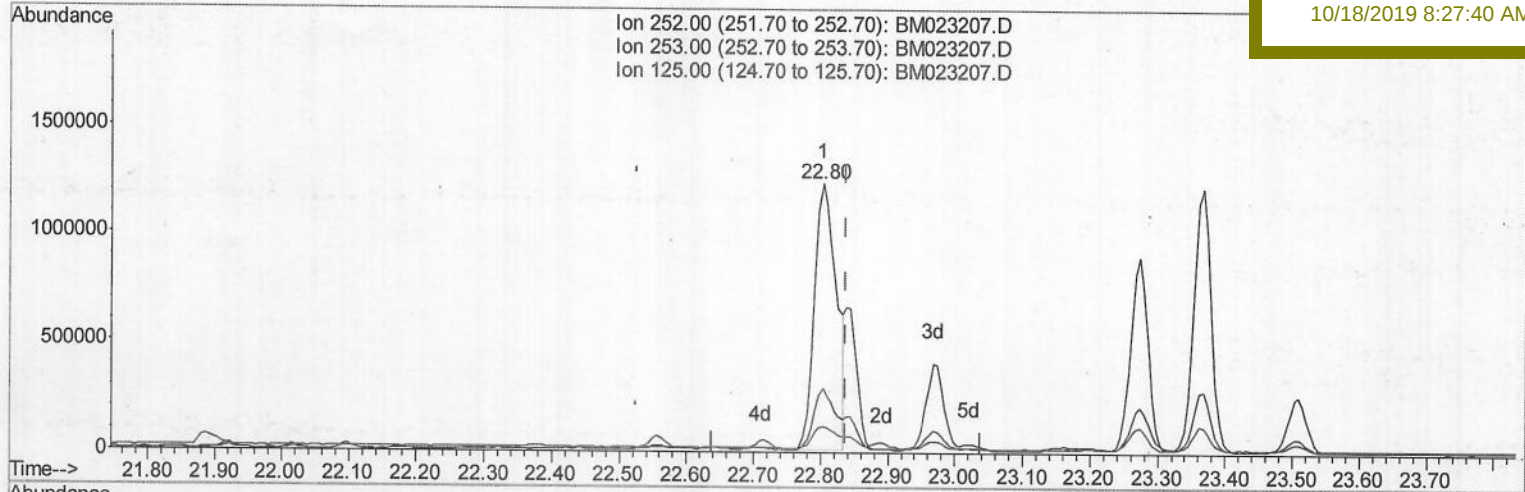
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 04:38:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB75

Manual Integrations
APPROVED

mohammad
10/18/2019 8:27:40 AM



(89) Benzo(k)fluoranthene
22.803min (-0.035) 20.60ng/ul
response 2782823
Ion Exp% Act%
252.00 100 100
253.00 21.70 23.45
125.00 8.10 9.65
0.00 0.00 0.00

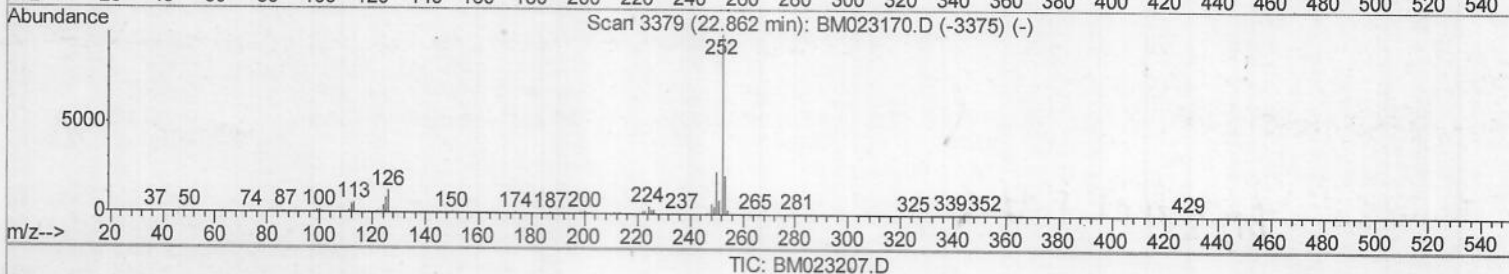
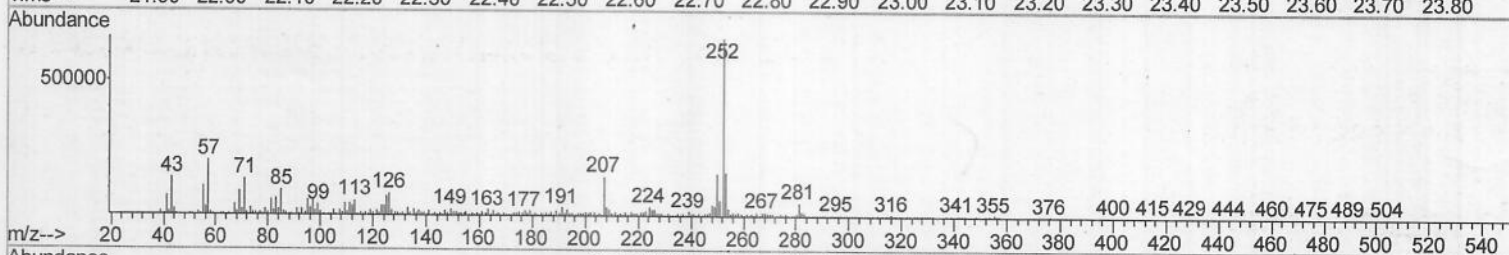
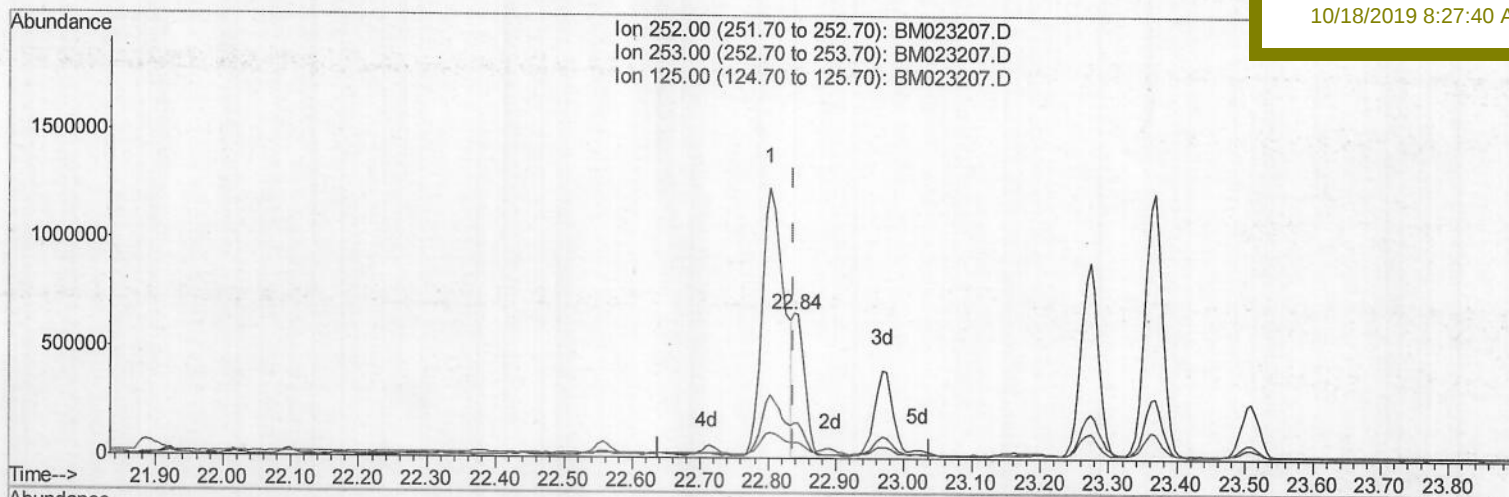
Data File : BM023207.D
Acq On : 17 Oct 2019 01:09
Operator : JU
Sample : K5262-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 04:38:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB75

Manual Integrations
APPROVED

mohammad
10/18/2019 8:27:40 AM



(89) Benzo(k)fluoranthene

22.838min (-0.000) 6.10ng/ui m

response 824257

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.39
125.00	8.10	11.09#
0.00	0.00	0.00

JU 10/23/19

Data File : BM023207.D

Acq On : 17 Oct 2019 01:09

Operator : JU

Sample : K5262-11

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 06:56:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 04:31:06 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFB75

Manual Integrations

APPROVED

mohammad

10/18/2019 8:27:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	472823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1828131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1035737	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1928259	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1869234	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2320089	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	30323	2.82	ng/uL	0.00
5) Phenol-d5	6.83	99	527121	12.80	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.00	67	327894	14.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	446262	14.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	406590	12.29	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	210491	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	219050	18.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	433640	14.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	210494	5.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1288484	16.23	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1492384	16.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	121414	9.45	ng/ul	0.00
58) Fluorene-d10	15.30	176	1071315	15.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	69830	9.13	ng/ul	0.00
71) Anthracene-d10	17.15	188	1560700	16.79	ng/ul	0.00
79) Pyrene-d10	19.45	212	1620083	17.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1957734	16.65	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.86	94	108045	2.544 ng/ul	98
21) Isophorone	9.38	82	148681	2.092 ng/ul#	97
28) Naphthalene	10.49	128	308194	3.262 ng/ul	96
34) 2-Methylnaphthalene	12.12	142	121814	1.732 ng/ul	96
45) Dimethylphthalate	13.77	163	432818	5.448 ng/ul	99
48) Acenaphthylene	14.03	152	531268	5.582 ng/ul	100
50) Acenaphthene	14.37	153	140523	2.120 ng/ul	99
59) Fluorene	15.36	166	139495	1.807 ng/ul	98
70) Phenanthrene	17.10	178	2054176	18.982 ng/ul	99
72) Anthracene	17.19	178	537283	4.805 ng/ul	99
75) Carbazole	17.45	167	156899	1.571 ng/ul	97
76) Di-n-butylphthalate	18.04	149	222343	1.870 ng/ul	97
77) Fluoranthene	19.12	202	2974258	23.110 ng/ul	99
80) Pyrene	19.48	202	3021223	25.800 ng/ul	99
81) Butylbenzylphthalate	20.40	149	122585	3.010 ng/ul	98
83) Benzo(a)anthracene	21.23	228	1721502m	13.592 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	967694	14.943 ng/ul	98
85) Chrysene	21.29	228	1944491	16.534 ng/ul	96
88) Benzo(b)fluoranthene	22.80	252	2782823	19.783 ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	824257m	6.102 ng/ul	97
91) Benzo(a)pyrene	23.37	252	2171622	16.091 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1740963	10.844 ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	493527	3.676 ng/ul#	90

JU
10/23/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (QT Reviewed)

Data File : BM023207.D

Acq On : 17 Oct 2019 01:09

Operator : JU

Sample : K5262-11

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 17 06:56:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 17 04:31:06 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BFB75

Manual Integrations

APPROVED

mohammad

10/18/2019 8:27:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.36	276	1847339	13.975	ng/ul	99

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