Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

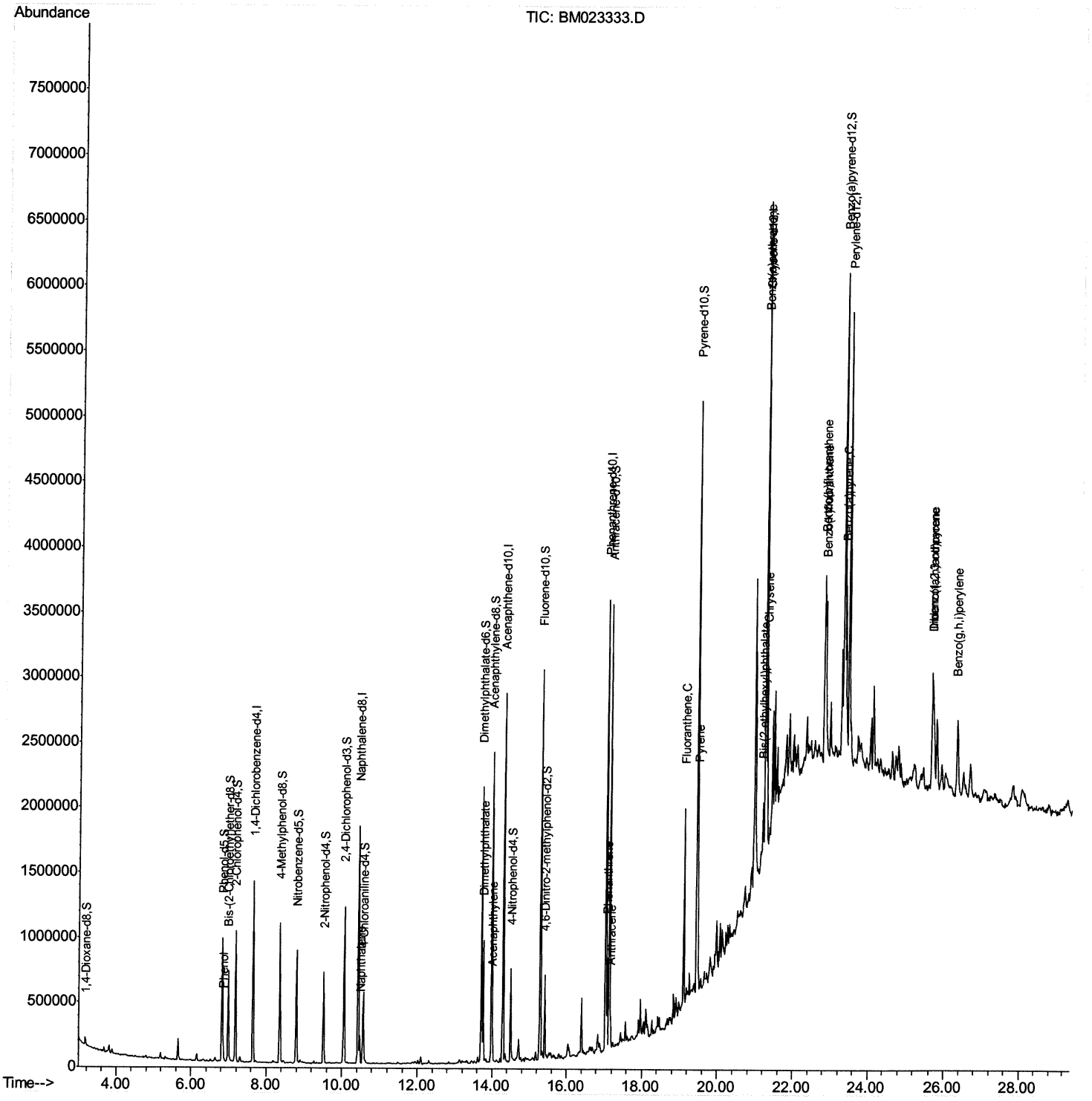
Quantitation Report (QT Reviewed)

Data File : BM023333.D
Acq On : 22 Oct 2019 23:43
Operator : JU
Sample : K5354-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 23 04:04:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB91

Manual Integrations APPROVED
mohammad
10/24/2019 8:09:04 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Qedit)

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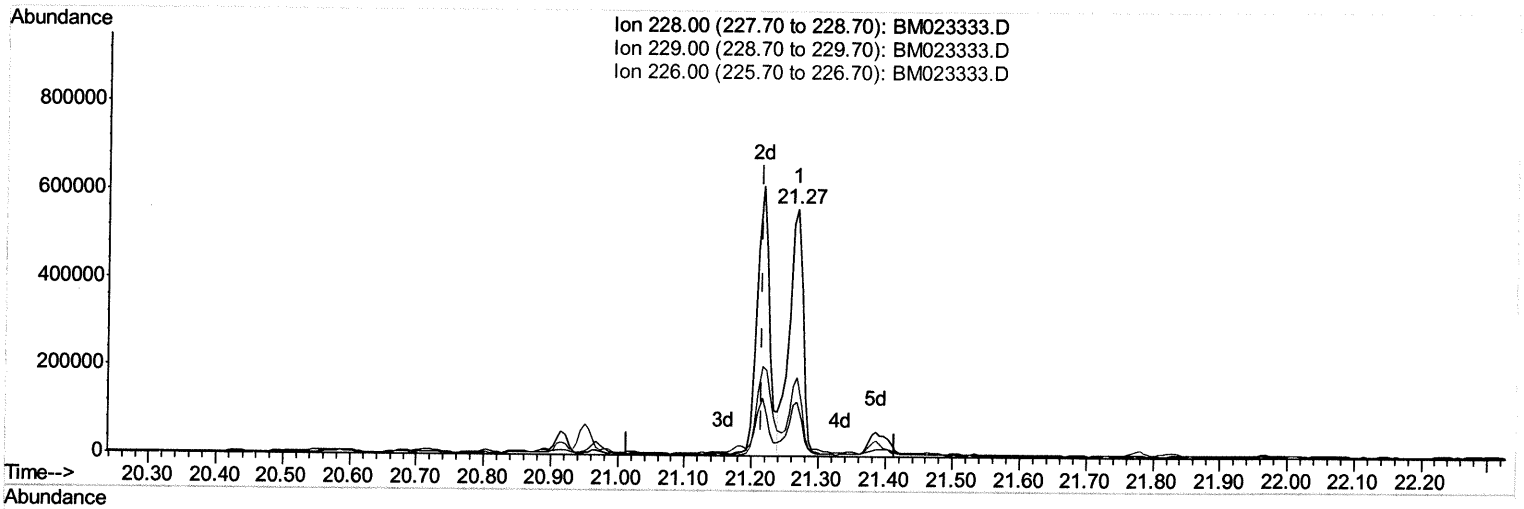
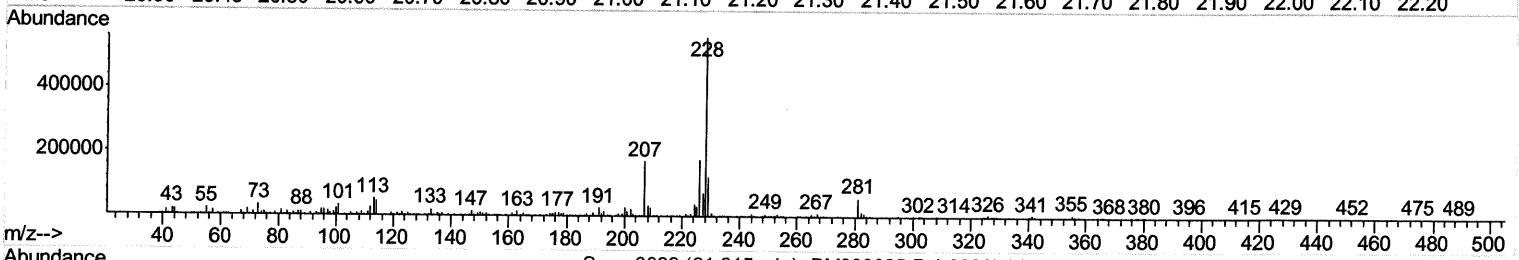
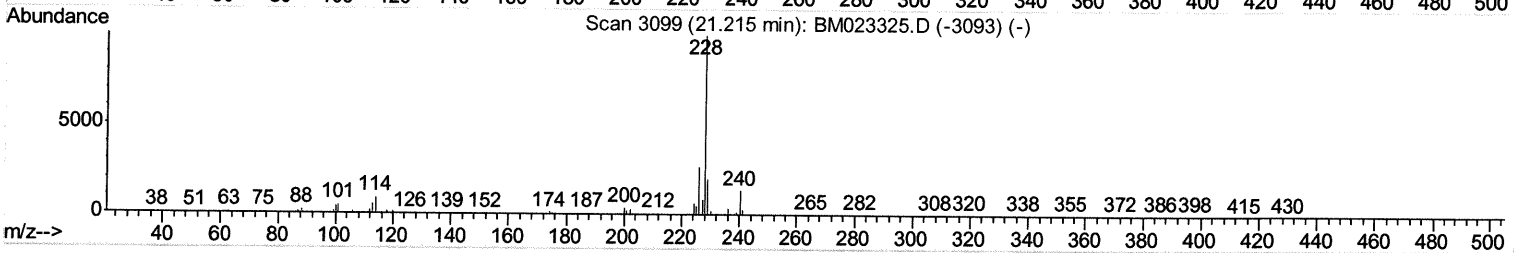
mohammad
10/24/2019 8:09:04 AM





Scan 3099 (21.215 min): BM023325.D (-3093) (-)



TIC: BM023333.D

(83) Benzo(a)anthracene

21.268min (+0.053) 5.78ng/ul

response 793519

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.03
226.00	26.90	31.85
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

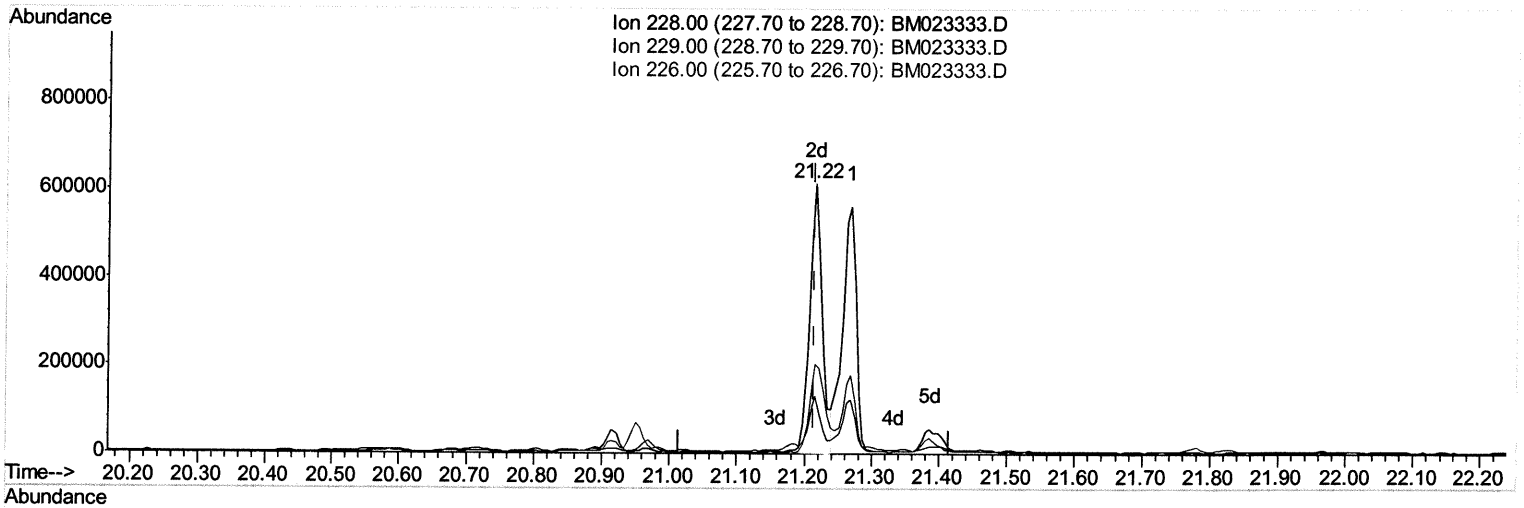
Quantitation Report (Qedit)

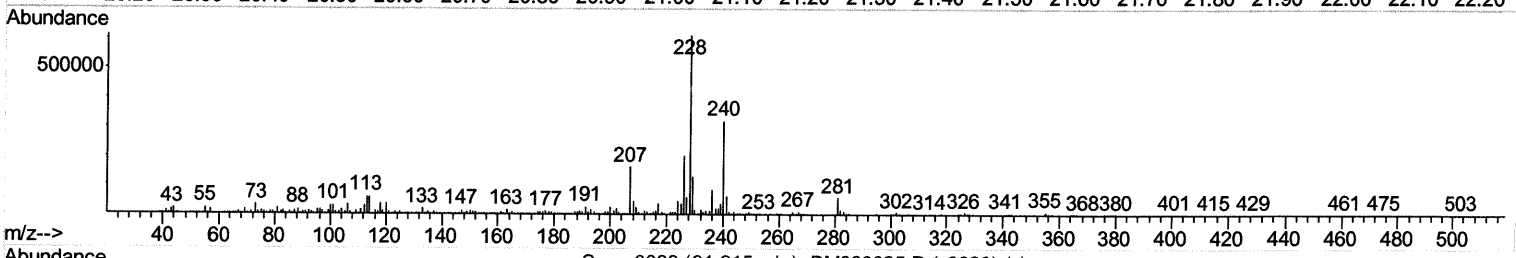
Data File : BM023333.D
Acq On : 22 Oct 2019 23:43
Operator : JU
Sample : K5354-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 23 01:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

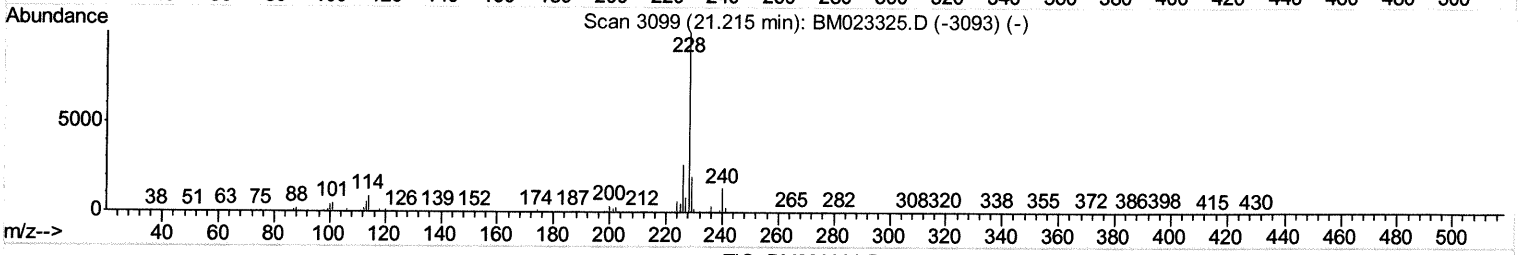
Instrument :
BNA_M
ClientSampleId :
BFB91

Manual Integrations APPROVED
mohammad
10/24/2019 8:09:04 AM





Scan 3099 (21.215 min): BM023325.D (-3093) (-)



TIC: BM023333.D

(83) Benzo(a)anthracene

21.215min (+0.000) 5.87ng/ul m JR 10.23.19

response 805320

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	21.57
226.00	26.90	33.22#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Qedit)

Data File : BM023333.D
Acq On : 22 Oct 2019 23:43
Operator : JU
Sample : K5354-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 23 01:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
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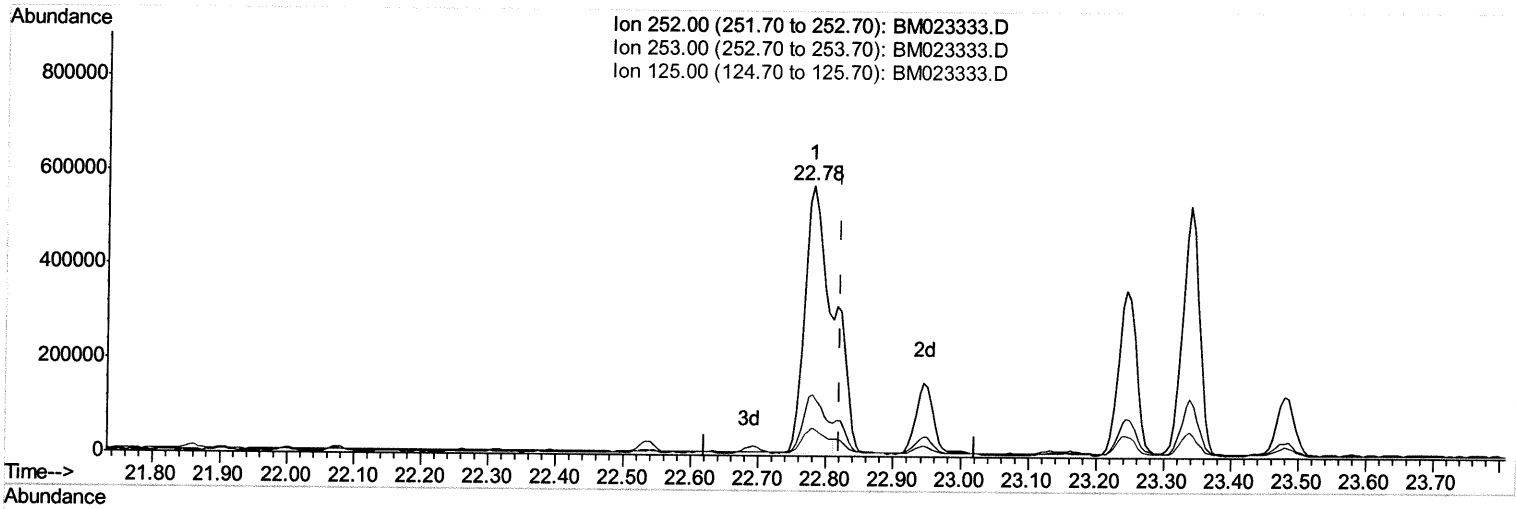
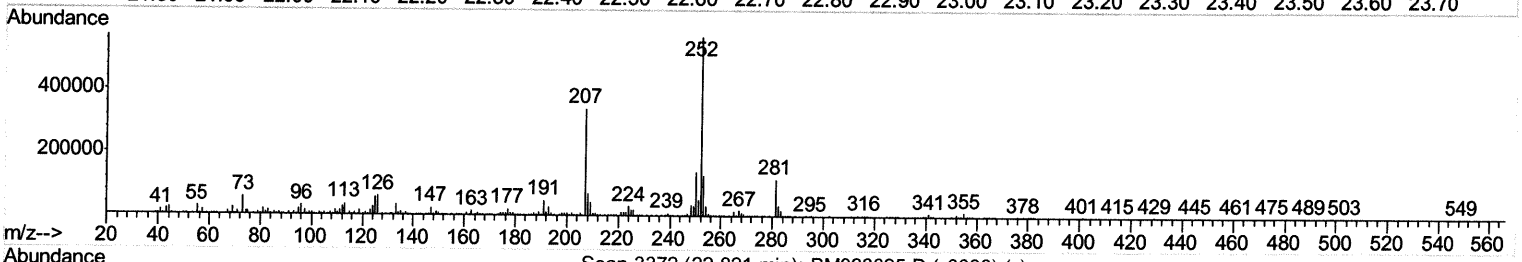
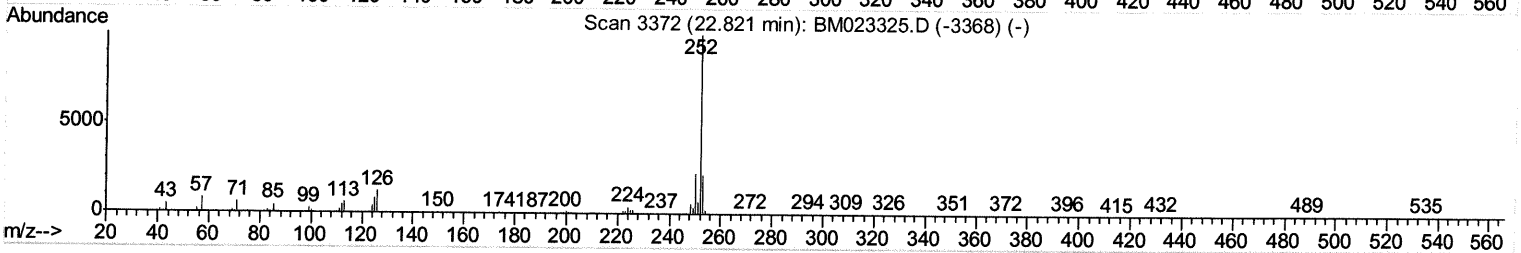
Instrument :
BNA_M
ClientSampleId :
BFB91

Manual Integrations APPROVED
mohammad
10/24/2019 8:09:04 AM





Scan 3372 (22.821 min): BM023325.D (-3368) (-)



TIC: BM023333.D

(89) Benzo(k)fluoranthene

22.780min (-0.041) 9.11ng/ul

response 1310629

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.94
125.00	8.20	10.47#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

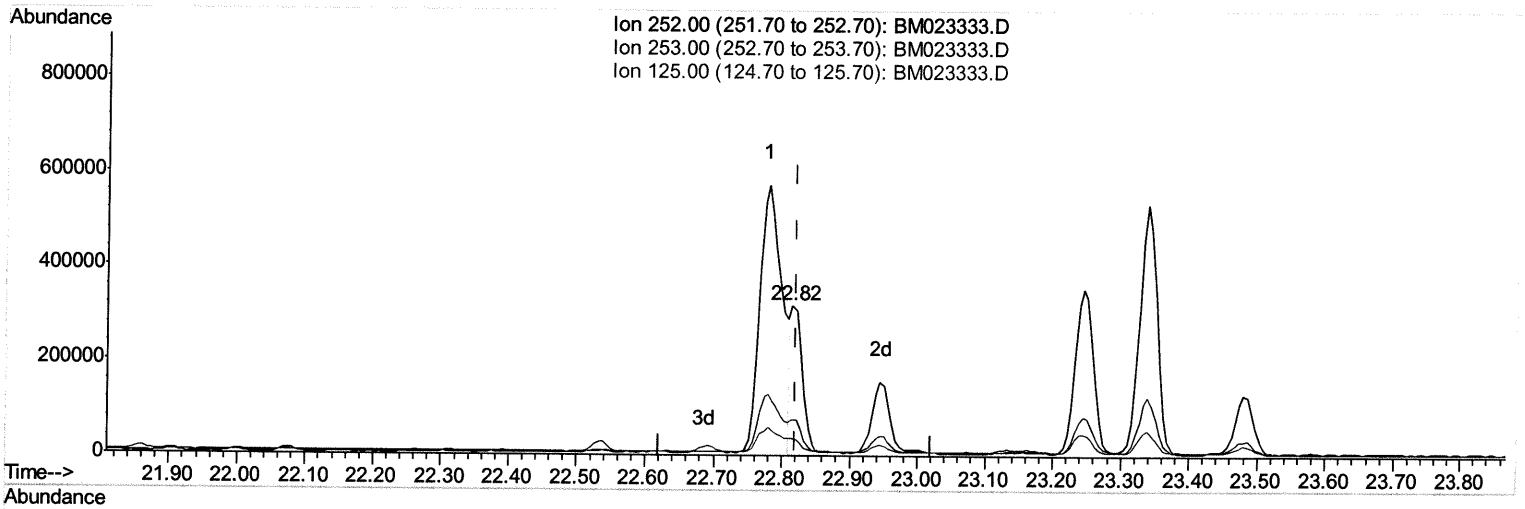
Quantitation Report (Qedit)

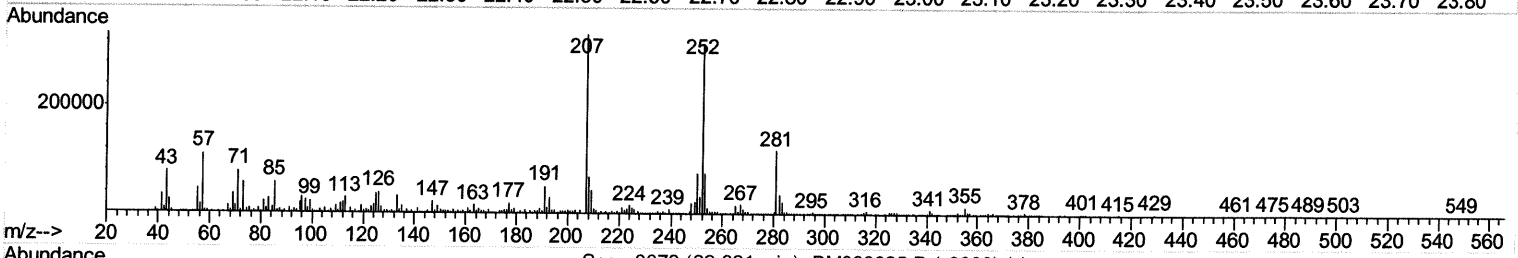
Data File : BM023333.D
Acq On : 22 Oct 2019 23:43
Operator : JU
Sample : K5354-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

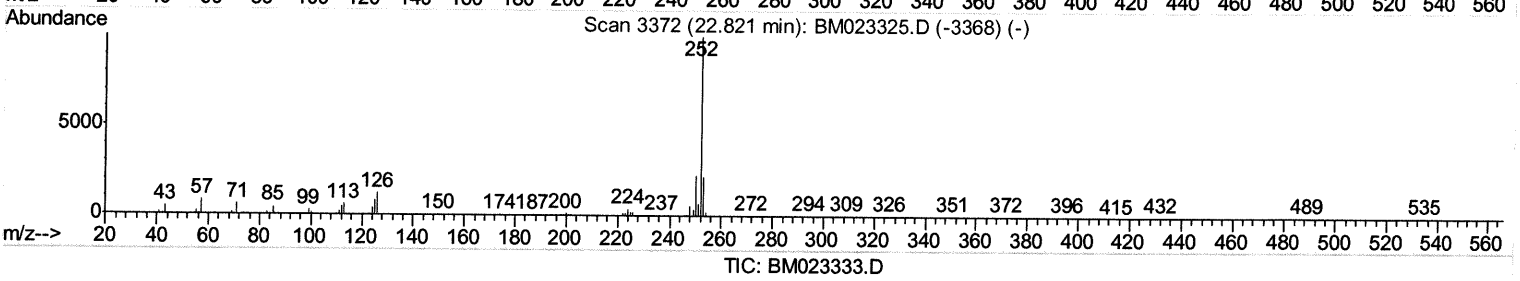
Quant Time: Oct 23 01:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB91

Manual Integrations APPROVED
mohammad
10/24/2019 8:09:04 AM







TIC: BM023333.D

(89) Benzo(k)fluoranthene

22.815min (-0.006) 2.64ng/ul m JH 10.23.19

response 380358

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.48
125.00	8.20	11.61#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (QT Reviewed)

Data File : BM023333.D
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Operator : JU
Sample : K5354-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BFB91

Manual Integrations APPROVED
mohammad
10/24/2019 8:09:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	375125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1508479	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	949284	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1956405	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2025510	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2471327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	28333	3.32	ng/uL	0.00
5) Phenol-d5	6.82	99	549031	16.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	307171	16.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	446835	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	420455	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	209875	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	232931	23.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	454044	18.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	306228	10.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1409667	19.38	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1639026	19.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	182926	15.53	ng/ul	0.00
58) Fluorene-d10	15.29	176	1219580	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	134518	17.34	ng/ul	0.00
71) Anthracene-d10	17.14	188	1961304	20.79	ng/ul	0.00
79) Pyrene-d10	19.43	212	2214378	22.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2701902	21.57	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	58786	1.745	ng/ul	98
28) Naphthalene	10.47	128	171855	2.204	ng/ul	99
45) Dimethylphthalate	13.76	163	578094	7.939	ng/ul	99
48) Acenaphthylene	14.01	152	154972	1.776	ng/ul	98
70) Phenanthrene	17.08	178	411495	3.748	ng/ul	99
72) Anthracene	17.17	178	171807	1.514	ng/ul	99
77) Fluoranthene	19.10	202	930445	7.126	ng/ul	99
80) Pyrene	19.46	202	863535	6.805	ng/ul	98
83) Benzo(a)anthracene	21.22	228	805320m	5.868	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.17	149	136950	1.952	ng/ul	97
85) Chrysene	21.27	228	794666	6.236	ng/ul	95
88) Benzo(b)fluoranthene	22.78	252	1310629	8.747	ng/ul#	97
89) Benzo(k)fluoranthene	22.82	252	380358m	2.644	ng/ul	97
91) Benzo(a)pyrene	23.34	252	942631	6.557	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	749502	4.383	ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	210915	1.475	ng/ul#	86
94) Benzo(g,h,i)perylene	26.31	276	728053	5.171	ng/ul	98

JH 10-23-19

JH 10.23.19

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