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

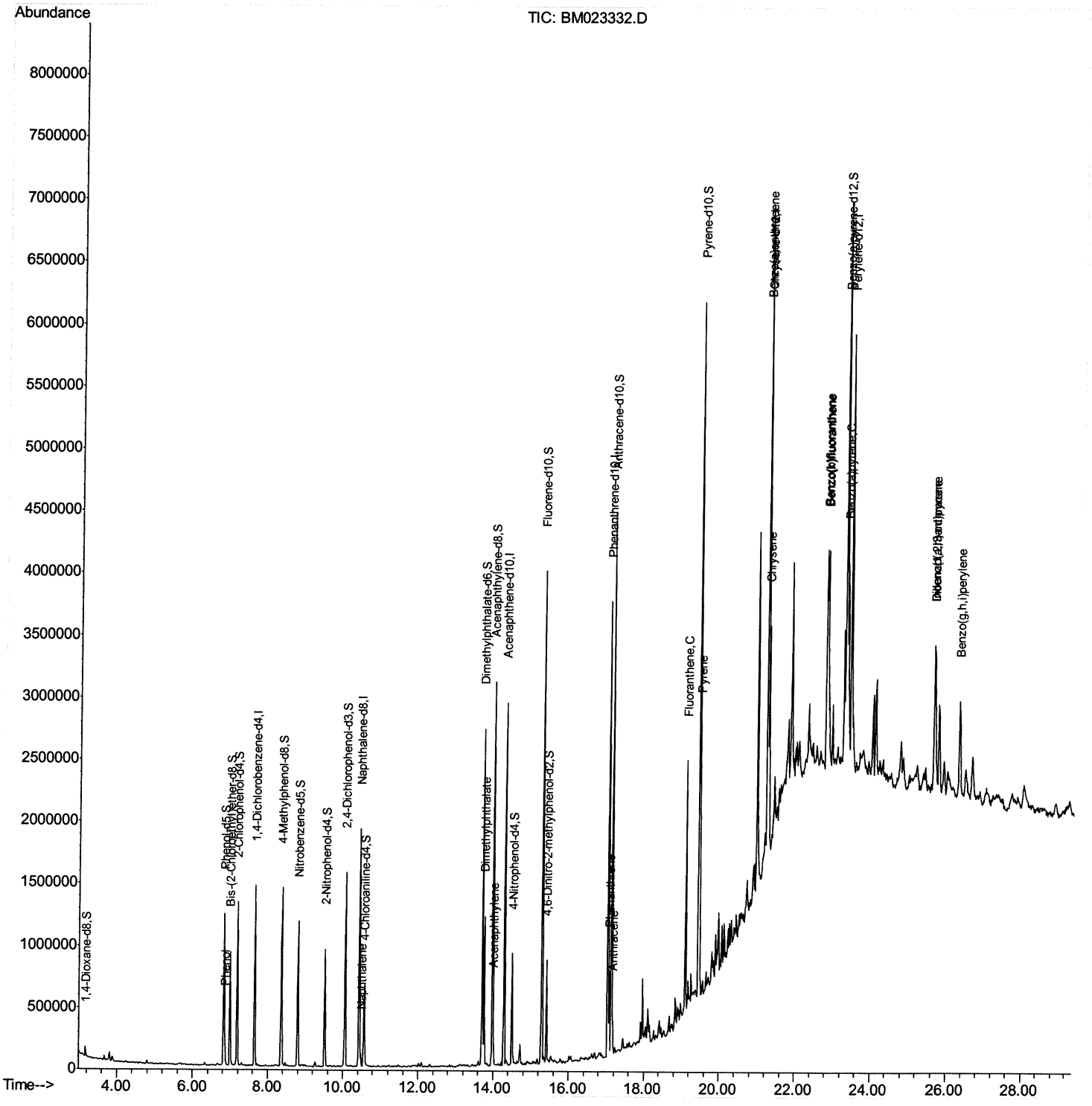
Quantitation Report (QT Reviewed)

Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 23 04:02:06 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 :
BFB90

Manual Integrations APPROVED
mohammad
10/24/2019 8:08:59 AM



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

Quantitation Report (Qedit)

Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 23 01:43:35 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

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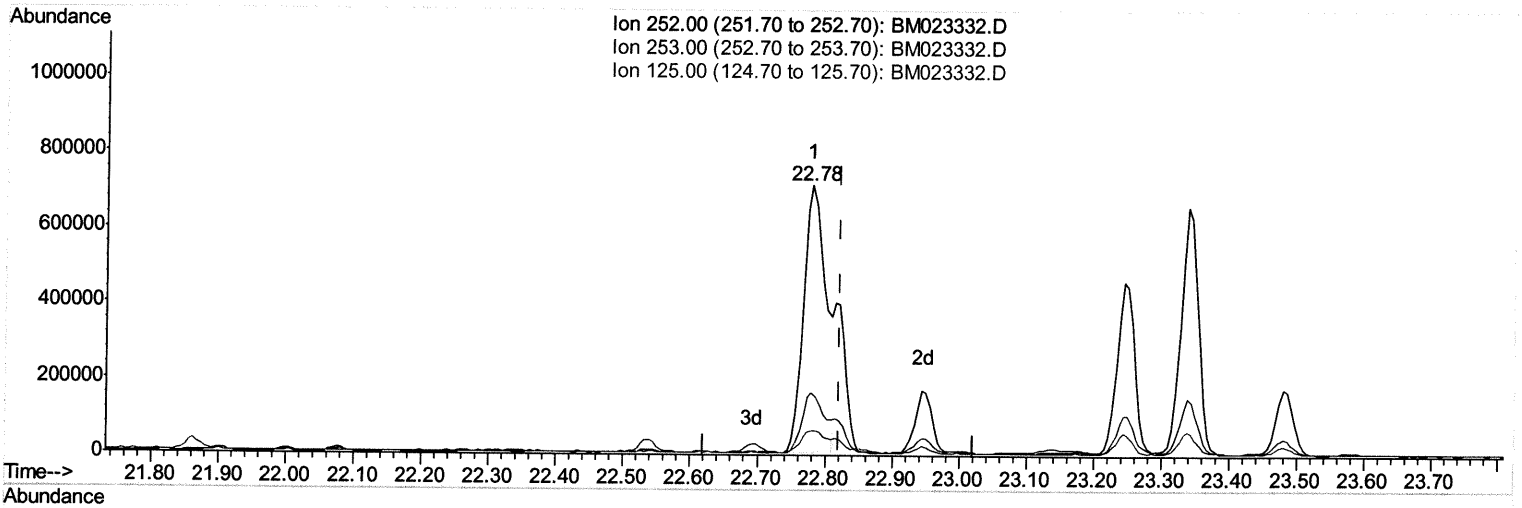
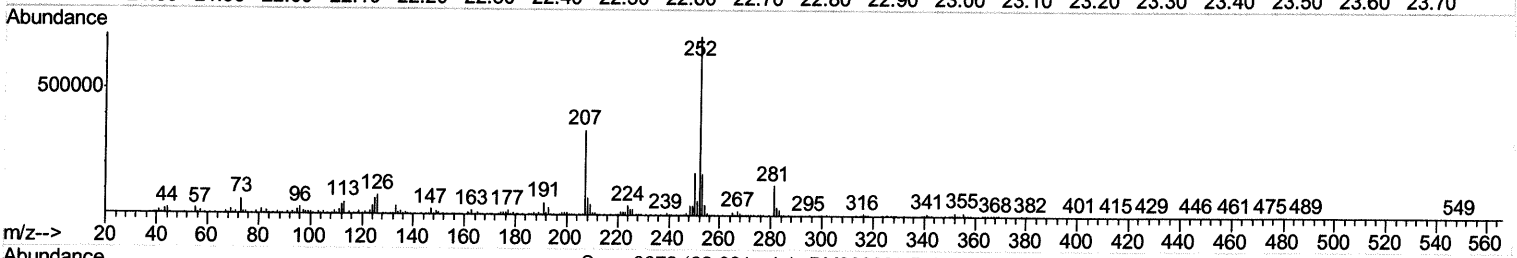
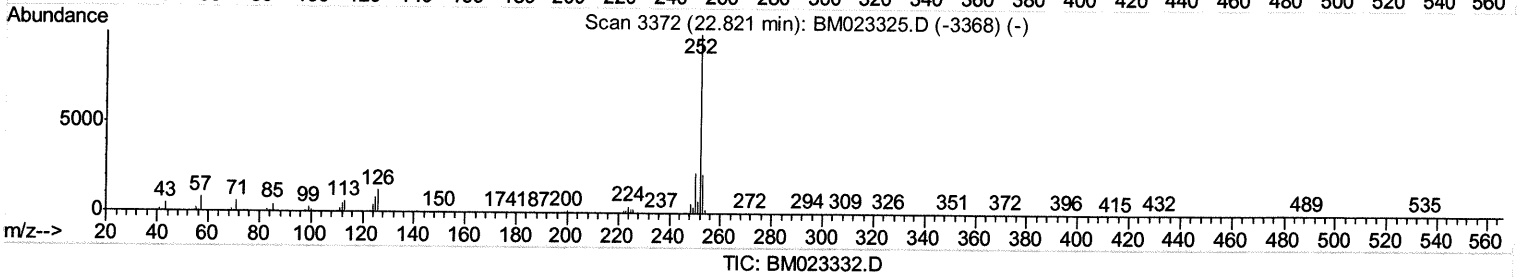
BNA_M
ClientSampleId :
BFB90

Manual Integrations APPROVED
mohammad
10/24/2019 8:08:59 AM





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



TIC: BM023332.D

(89) Benzo(k)fluoranthene

22.780min (-0.041) 10.81ng/ul

response 1628302

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.13
125.00	8.20	8.99
0.00	0.00	0.00

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

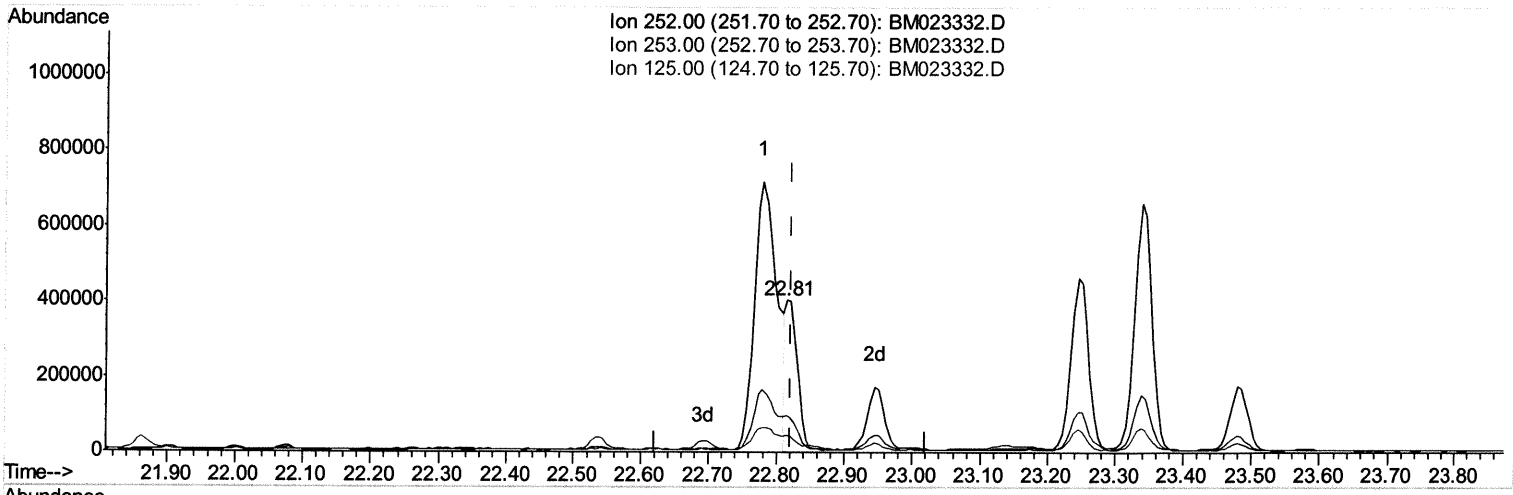
Quantitation Report (Qedit)

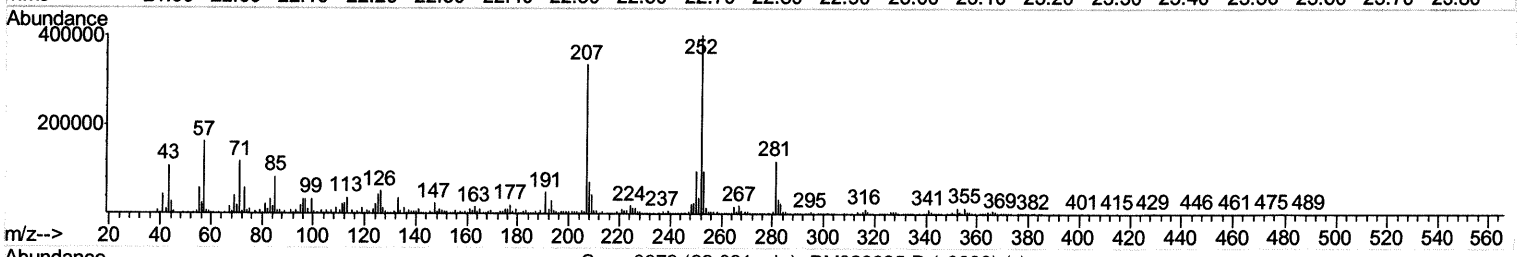
Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

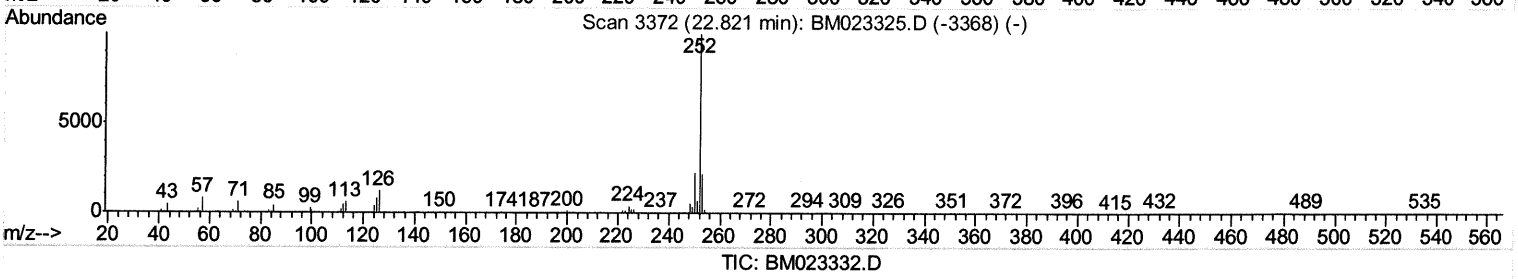
Quant Time: Oct 23 01:43:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFB90

Manual Integrations APPROVED
mohammad
10/24/2019 8:08:59 AM







TIC: BM023332.D

(89) Benzo(k)fluoranthene

22.815min (-0.006) 3.40ng/ul m JU 10.23.19

response 511325

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.10
125.00	8.20	11.16#
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 23 04:02:06 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 : BFB90

Manual Integrations APPROVED
mohammad
10/24/2019 8:08:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	393901	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1581570	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	976567	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2075068	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2109450	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2586620	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	38647	4.32	ng/uL	0.00
5) Phenol-d5	6.82	99	709943	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	414075	21.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	584081	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	546147	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	282016	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	318660	31.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	591978	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	377114	11.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1809757	24.18	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2121215	24.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	236688	19.54	ng/ul	0.00
58) Fluorene-d10	15.29	176	1572444	24.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	175034	21.28	ng/ul	0.00
71) Anthracene-d10	17.14	188	2500298	24.99	ng/ul	0.00
79) Pyrene-d10	19.43	212	2810370	27.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3348890	25.54	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	76156	2.153	ng/ul	99
28) Naphthalene	10.47	128	82089	1.004	ng/ul#	97
45) Dimethylphthalate	13.76	163	740088	9.880	ng/ul	99
48) Acenaphthylene	14.01	152	131962	1.470	ng/ul	99
70) Phenanthrene	17.08	178	394319	3.386	ng/ul	98
72) Anthracene	17.17	178	181622	1.509	ng/ul	99
77) Fluoranthene	19.10	202	1257677	9.081	ng/ul	99
80) Pyrene	19.46	202	1227852	9.291	ng/ul	99
83) Benzo(a)anthracene	21.22	228	1048316	7.334	ng/ul	95
85) Chrysene	21.27	228	998051	7.520	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	1628302	10.383	ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	511325m>	3.396	ng/ul>	> JR 10.23.19
91) Benzo(a)pyrene	23.34	252	1172815	7.795	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	952679	5.322	ng/ul	95
93) Dibenzo(a,h)anthracene	25.64	278	272034	1.818	ng/ul#	85
94) Benzo(g,h,i)perylene	26.31	276	950871	6.452	ng/ul	97

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