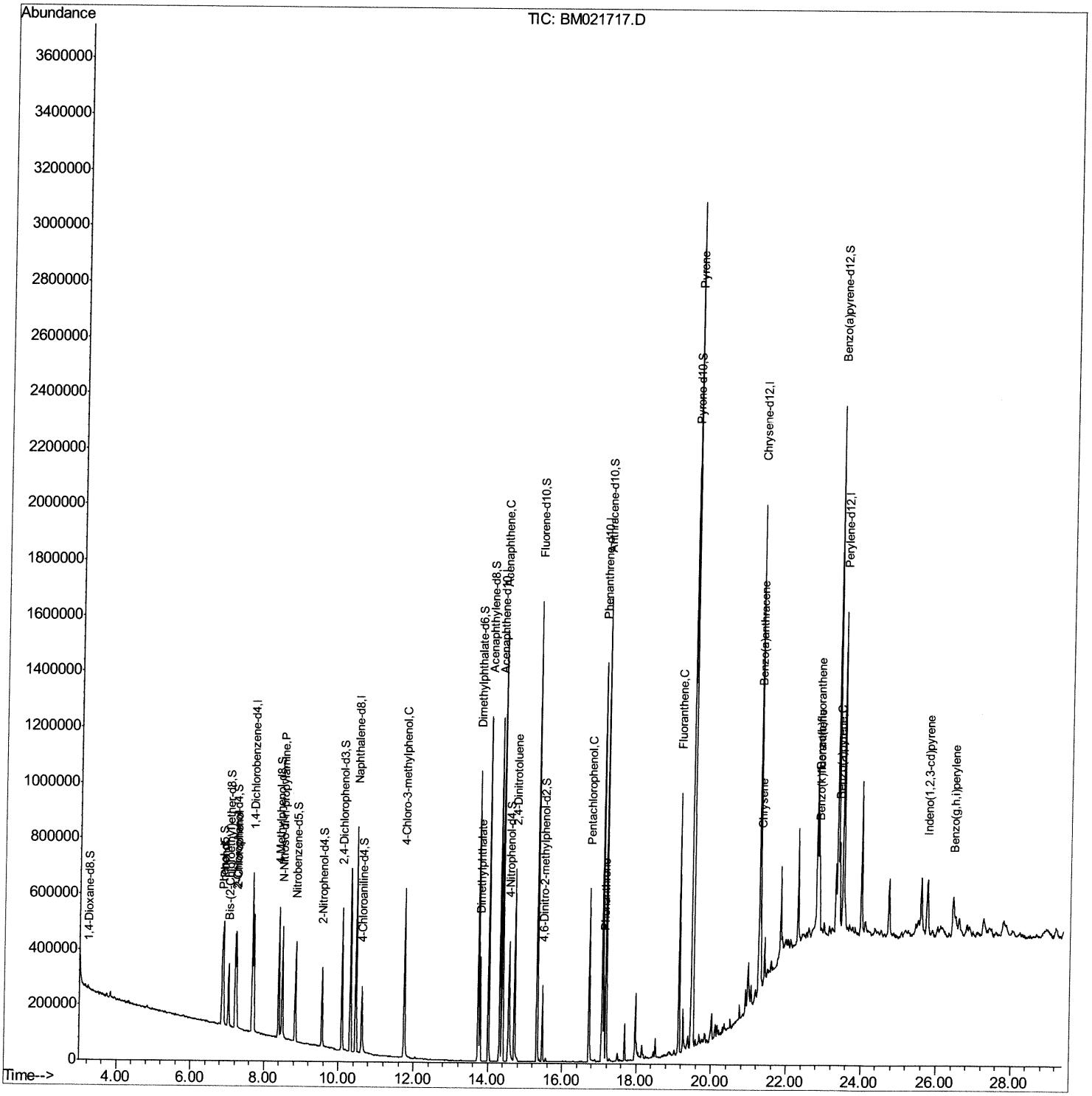
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021717.D
Acq On : 30 Jul 2019 05:28
Operator : HP/JU
Sample : K3922-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 30 06:46:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 30 05:24:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:57 PM



Quantitation Report (Qedit)

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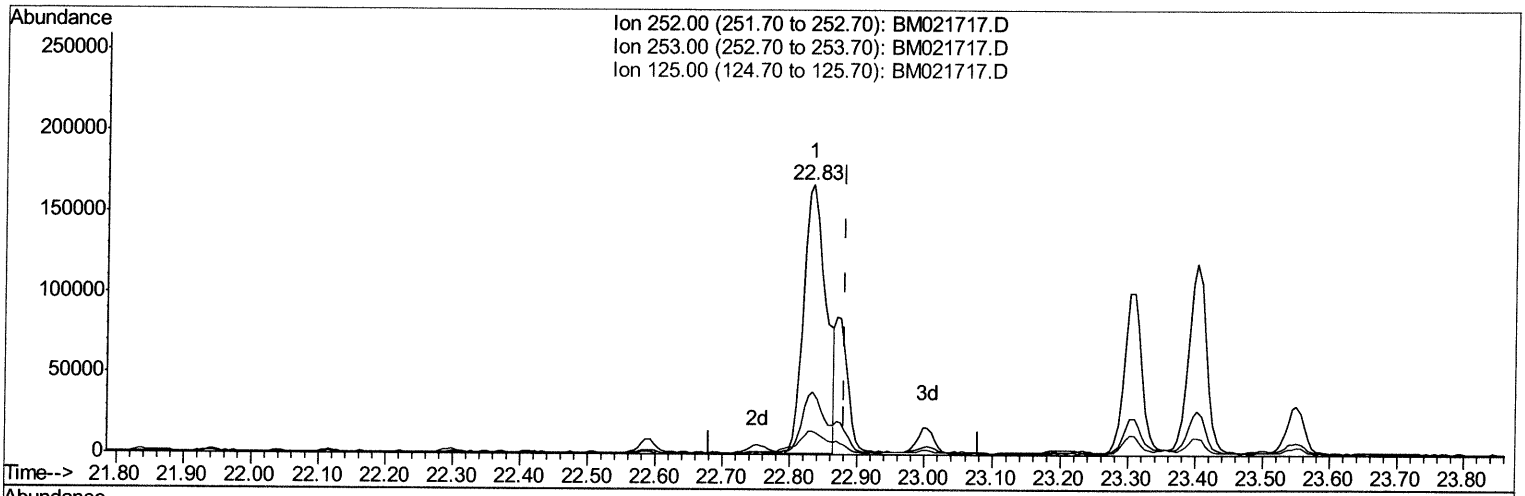

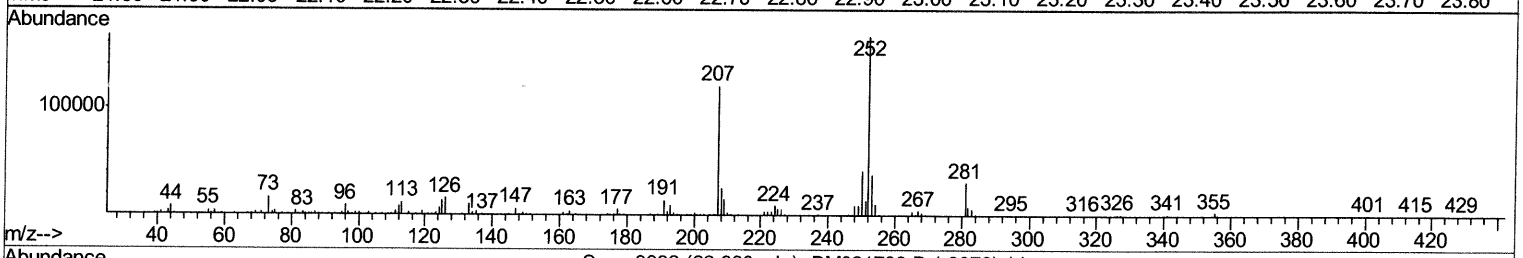

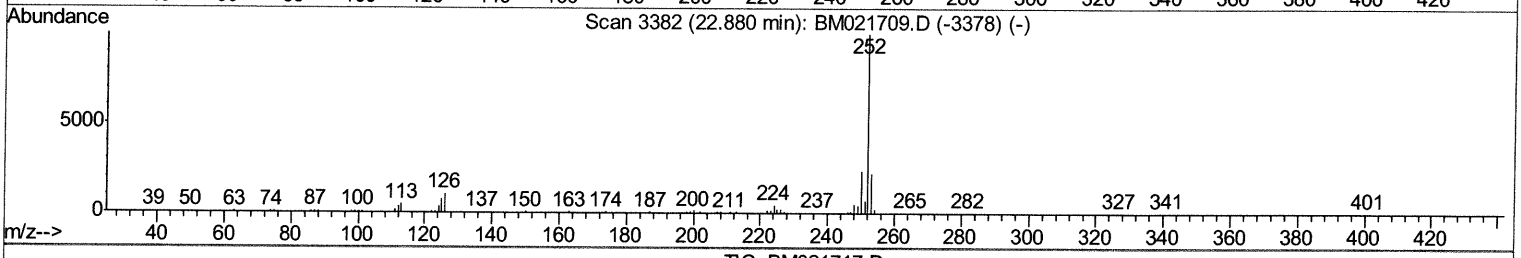

TIC: BM021717.D

(88) Benzo(k)fluoranthene

22.833min (-0.047) 6.91ng/ul

response 381425

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.06
125.00	7.90	8.44
0.00	0.00	0.00

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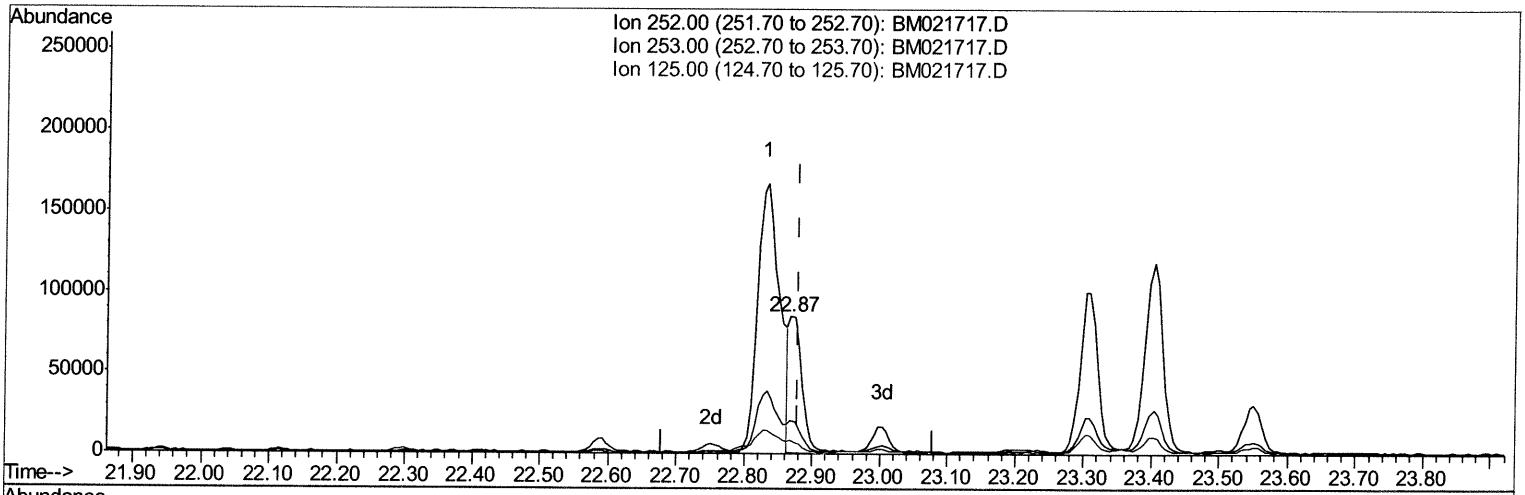
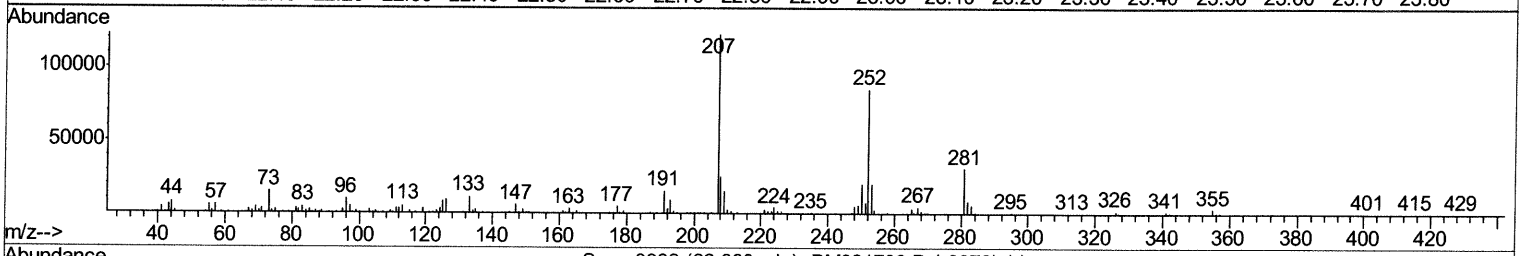
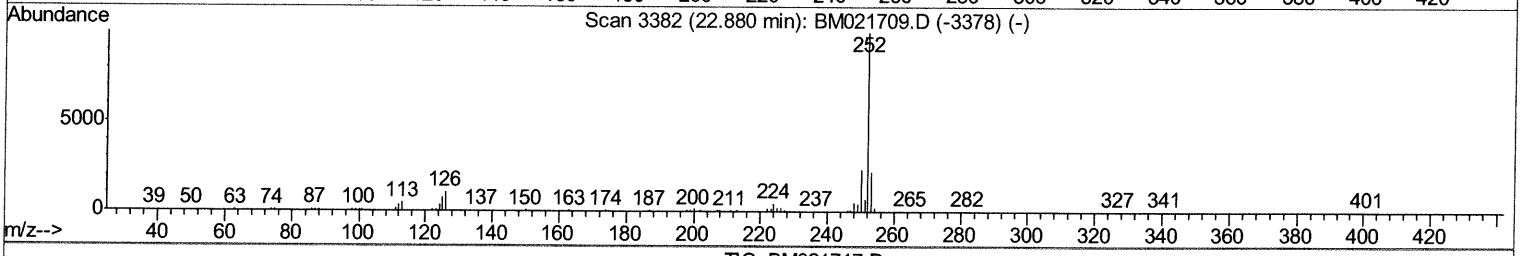
Manual Integrations APPROVED
mohammad
7/30/2019 4:51:57 PM







TIC: BM021717.D

(88) Benzo(k)fluoranthene

22.868min (-0.012) 1.98ng/ul m JU 07/31/19

response 109329

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.98
125.00	7.90	9.75#
0.00	0.00	0.00

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ClientSampleId : A52F0MSD

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	159053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	636217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	393810	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	796934	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	707504	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	829702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	5191	1.57	ng/uL	0.00
5) Phenol-d5	6.86	99	182919	15.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	101346	14.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	147546	14.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	174013	17.33	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	82852	17.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	90191	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	208916	18.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	139533	13.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	684760	22.53	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	796112	22.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	60680	13.15	ng/ul	0.00
57) Fluorene-d10	15.32	176	611846	22.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	55875	11.28	ng/ul	0.00
70) Anthracene-d10	17.17	188	908697	22.66	ng/ul	0.00
78) Pyrene-d10	19.47	212	1007558	25.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1090005	24.83	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	196351	15.378	ng/ul	99
10) 2-Chlorophenol	7.24	128	152019	14.276	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.49	70	150906	18.419	ng/ul	96
33) 4-Chloro-3-methylphenol	11.76	107	235523	21.058	ng/ul	97
44) Dimethylphthalate	13.79	163	232164	7.359	ng/ul	99
49) Acenaphthene	14.39	153	599760	22.224	ng/ul	99
52) 4-Nitrophenol	14.56	109	65865	15.765	ng/ul	94
54) 2,4-Dinitrotoluene	14.72	165	186737	22.720	ng/ul#	84
68) Pentachlorophenol	16.73	266	122286	16.790	ng/ul	96
69) Phenanthrene	17.12	178	183648	3.826	ng/ul	100
76) Fluoranthene	19.14	202	527474	9.420	ng/ul	99
79) Pyrene	19.50	202	1772917	33.584	ng/ul	100
82) Benzo(a)anthracene	21.25	228	174282	3.383	ng/ul	99
84) Chrysene	21.30	228	252826	5.205	ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	381425	6.756	ng/ul	97
88) Benzo(k)fluoranthene	22.87	252	109329m>	1.981	ng/ul	97
90) Benzo(a)pyrene	23.40	252	216122	4.089	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.74	276	185681	3.029	ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	187174	3.673	ng/ul	98

→ JU 07/31/19

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