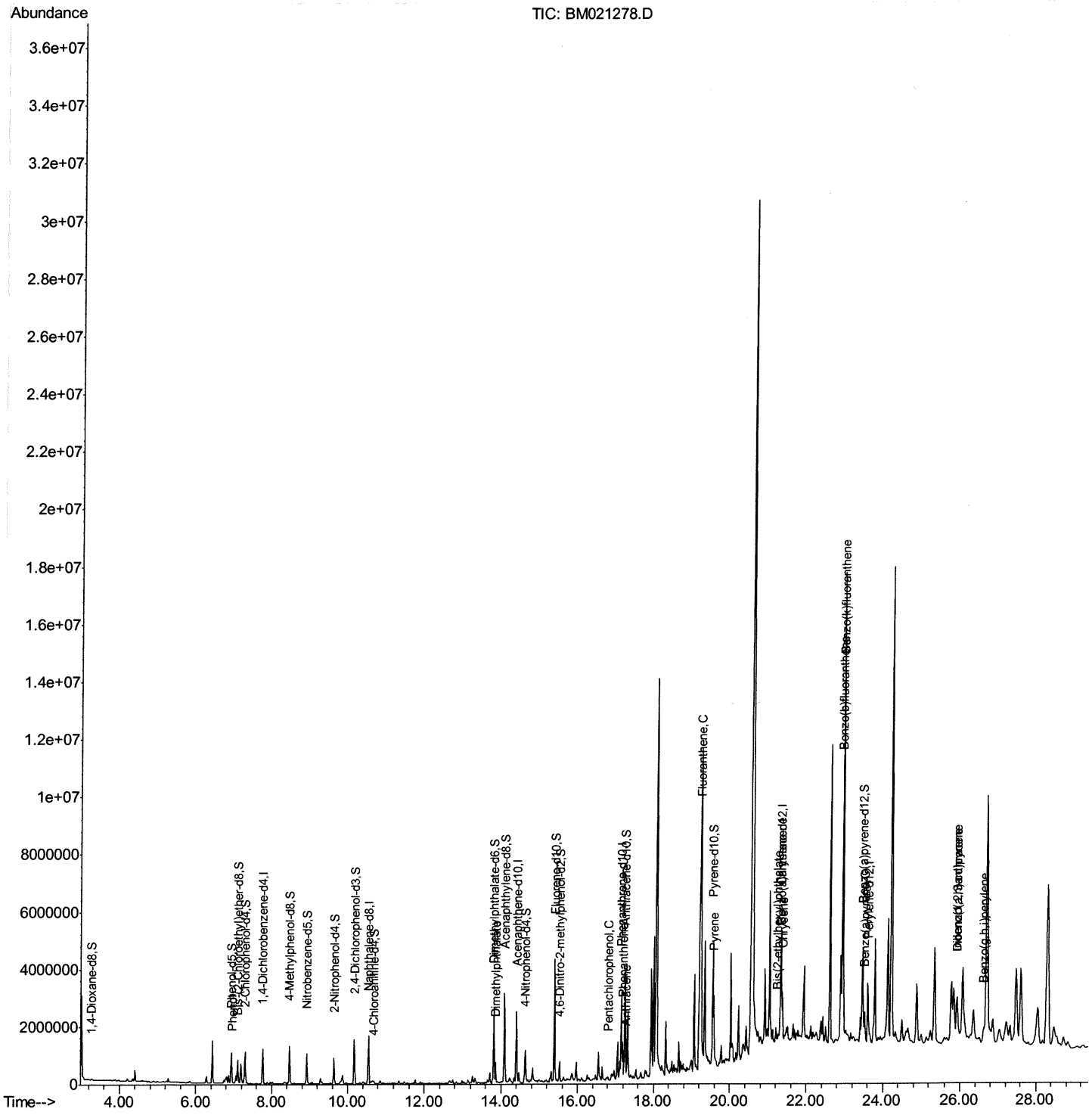
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021278.D
Acq On : 30 Jun 2019 00:54
Operator : HP/JU
Sample : K3590-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 30 03:42:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5BA0

Manual Integrations APPROVED
mohammad
7/1/2019 2:43:38 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
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Acq On : 30 Jun 2019 00:54
Operator : HP/JU
Sample : K3590-01
Misc :
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Quant Time: Jun 30 03:39:23 2019
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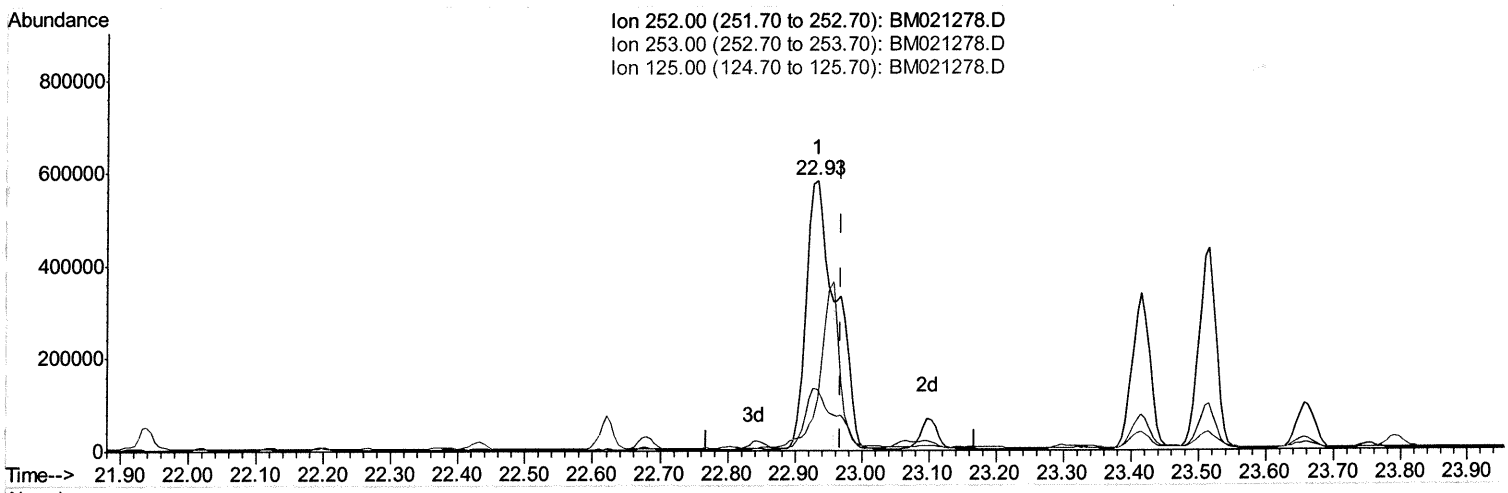
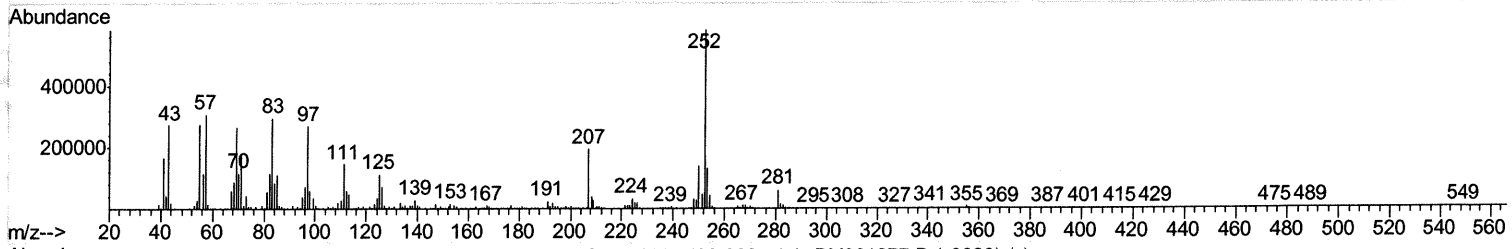
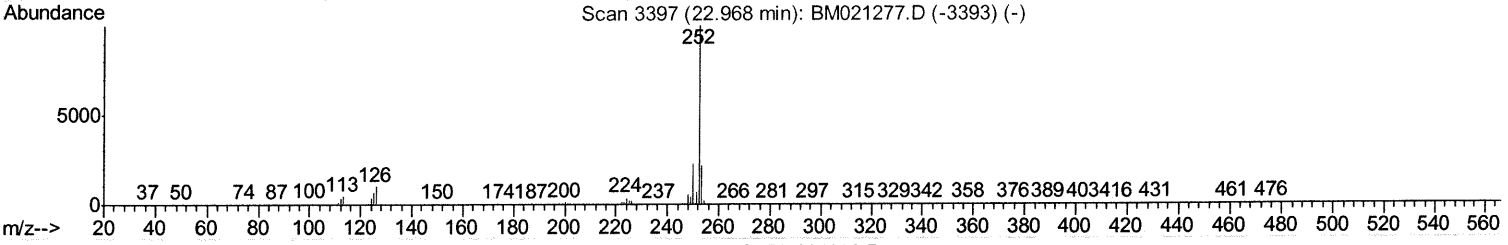




Scan 3397 (22.968 min): BM021277.D (-3393) (-)



TIC: BM021278.D

(88) Benzo(k)fluoranthene

22.933min (-0.036) 14.83ng/ul

response 1336134

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.61
125.00	8.20	19.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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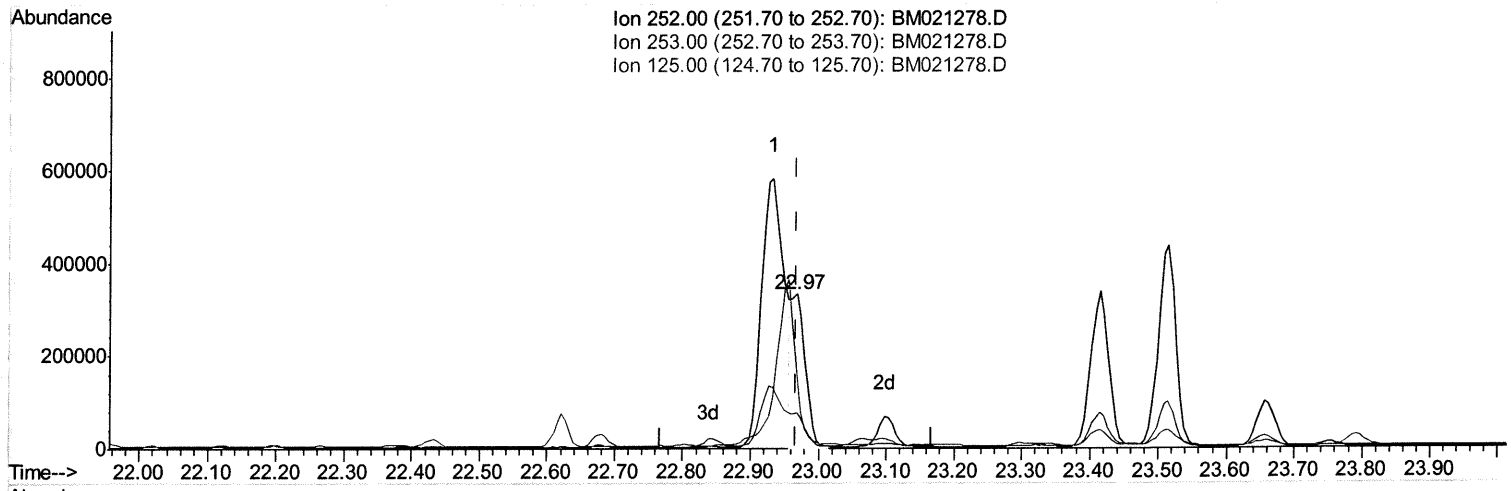
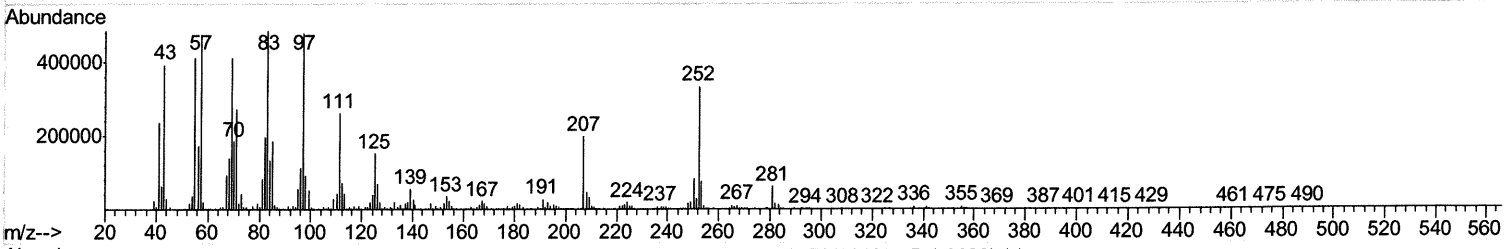
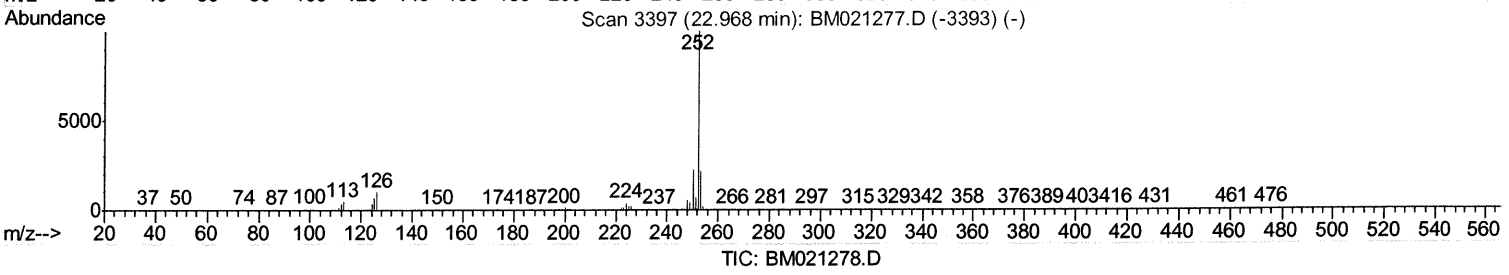
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5BA0

Manual Integrations APPROVED
mohammad
7/1/2019 2:43:38 PM







TIC: BM021278.D

(88) Benzo(k)fluoranthene

22.968min (-0.000) 5.16ng/ul m JU 07/01/19

response 464715

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.82
125.00	8.20	45.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C5BA0

Manual Integrations APPROVED
mohammad
7/1/2019 2:43:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	316717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1364642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	831595	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1760063	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1289845	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1478428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	21898	3.28	ng/uL	0.00
5) Phenol-d5	6.93	99	611368	22.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	343322	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	505798	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	517968	22.51	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	264078	23.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	312256	25.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	605979	24.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	43845	1.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1802643	23.99	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2174053	23.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	229848	18.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	1544237	23.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	156242	14.44	ng/ul	0.00
70) Anthracene-d10	17.25	188	2129186	23.28	ng/ul	0.00
78) Pyrene-d10	19.54	212	1968164	25.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2072862	23.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.96	94	42620	1.635	ng/ul	93
44) Dimethylphthalate	13.86	163	471609	6.895	ng/ul	100
68) Pentachlorophenol	16.80	266	19637	1.583	ng/ul	89
69) Phenanthrene	17.19	178	702122	7.213	ng/ul	99
71) Anthracene	17.28	178	121164	1.221	ng/ul	99
76) Fluoranthene	19.21	202	1840265	17.497	ng/ul	99
79) Pyrene	19.57	202	1437297	15.762	ng/ul	100
82) Benzo(a)anthracene	21.32	228	719380	8.181	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	93068	1.937	ng/ul	96
84) Chrysene	21.37	228	854741	10.378	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1336134	14.267	ng/ul#	90
88) Benzo(k)fluoranthene	22.97	252	464715m	5.158	ng/ul	
90) Benzo(a)pyrene	23.51	252	772487	8.764	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	665603	6.413	ng/ul	95
92) Dibenzo(a,h)anthracene	25.91	278	167064	1.913	ng/ul#	80
93) Benzo(g,h,i)perylene	26.61	276	613441	7.176	ng/ul	97

JO 07/01/19

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