

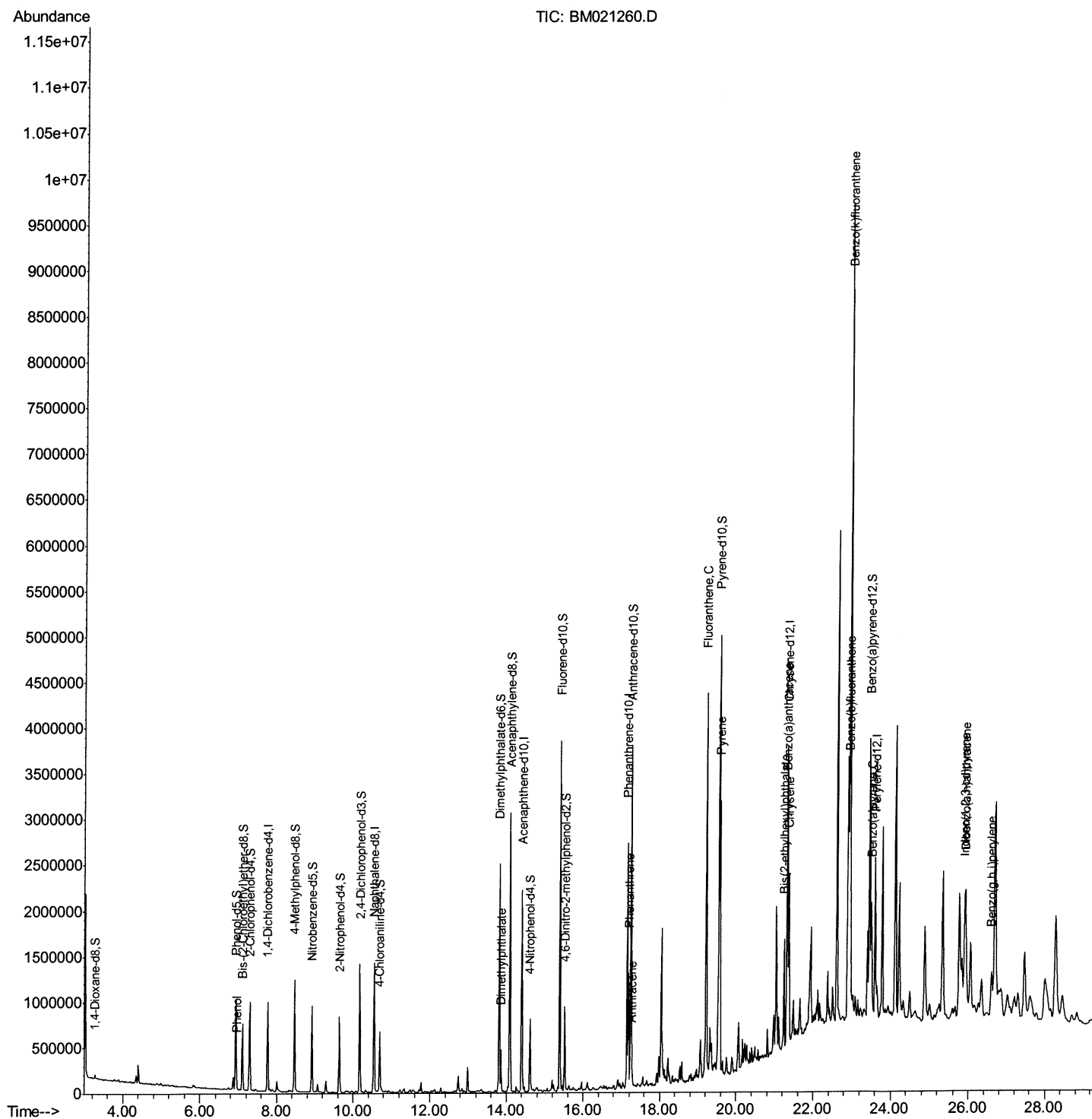
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021260.D
Acq On : 29 Jun 2019 14:01
Operator : HP/JU
Sample : K3593-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC6

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:39 PM

Quant Time: Jun 29 22:56:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

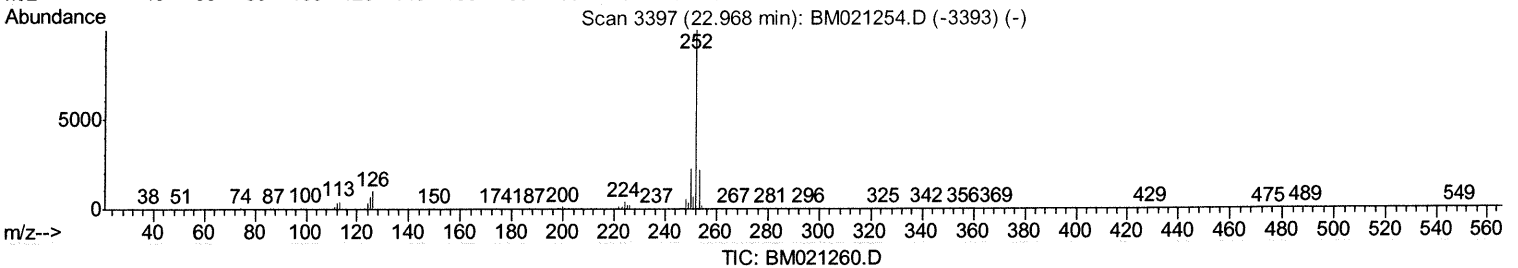
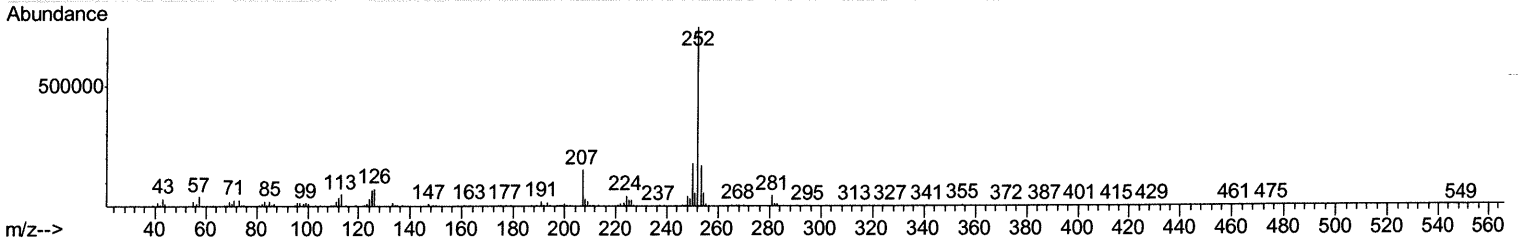
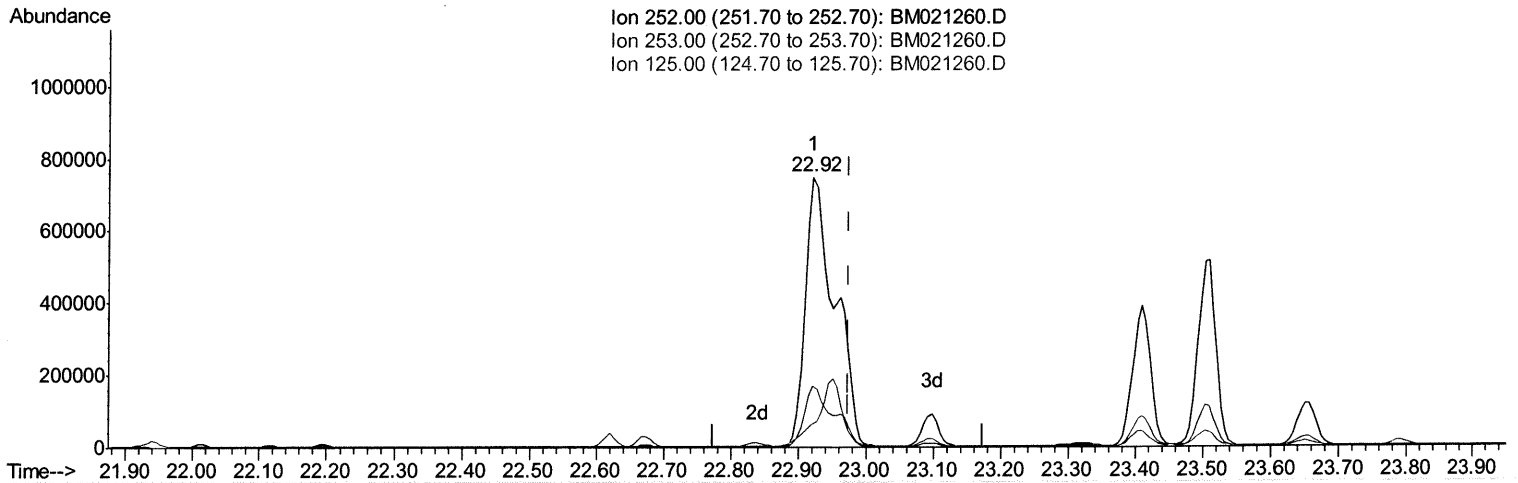
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(88) Benzo(k)fluoranthene

22.921min (-0.053) 20.98ng/ul

response 1671520

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.81
125.00	8.20	8.69
0.00	0.00	0.00

Quantitation Report (Qedit)

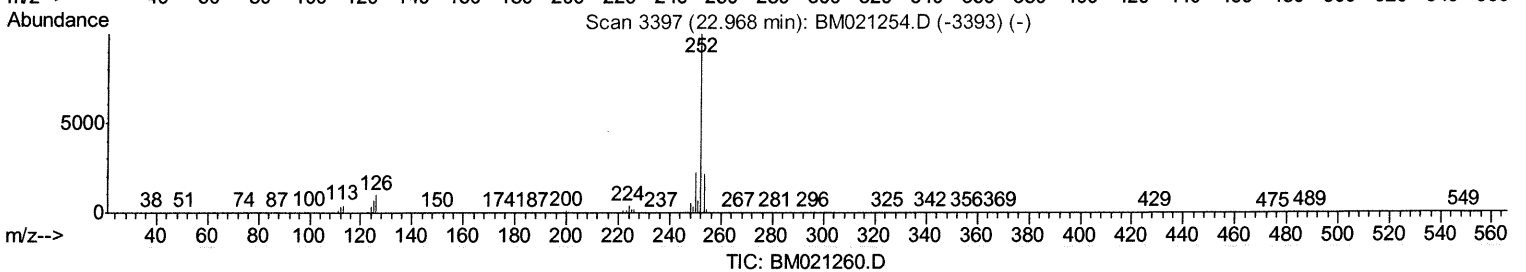
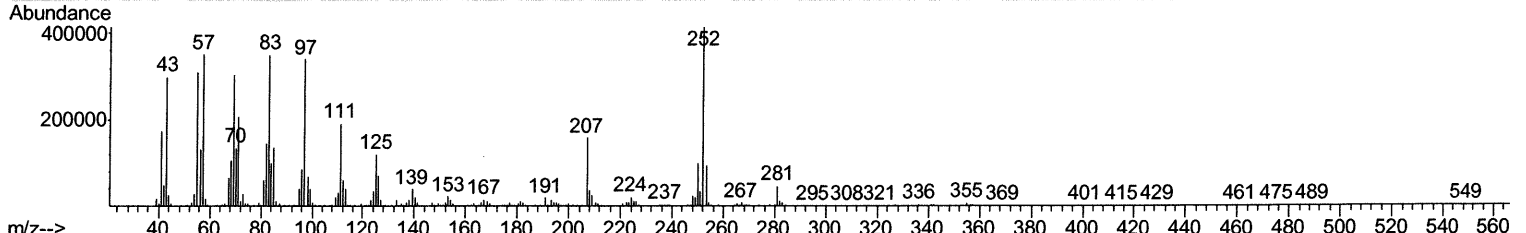
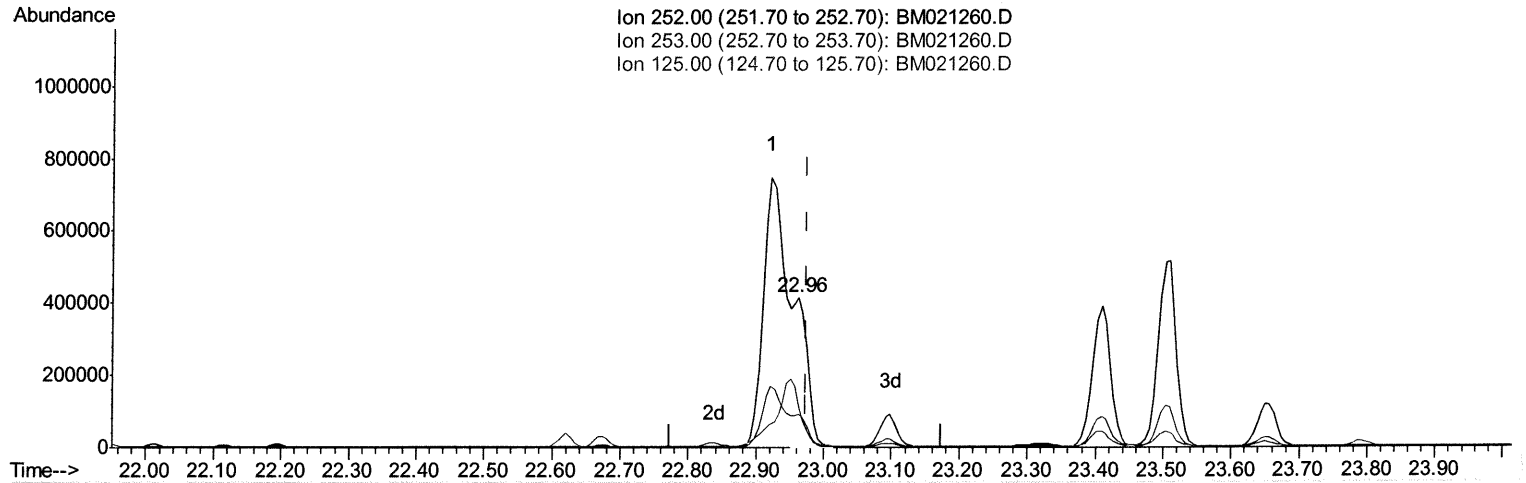
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 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.962min (-0.012) 7.62ng/ul m

JU
 07/01/19

response 607174

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.44
125.00	8.20	29.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021260.D
 Acq On : 29 Jun 2019 14:01
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 Sample : K3593-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC6

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:42:39 PM

Quant Time: Jun 29 22:56:26 2019
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	268724	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1188810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	744079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1611589	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1153242	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1307580	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21960	3.88	ng/uL	0.00
5) Phenol-d5	6.93	99	549646	23.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	317204	22.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	453018	23.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	467462	23.94	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	242009	25.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	286512	26.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	559645	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	411931	18.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1814647	26.99	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2098416	25.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	227608	20.81	ng/ul	0.00
57) Fluorene-d10	15.39	176	1547251	26.46	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	199586	20.15	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2206457	26.35	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2065710	29.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1978773	25.65	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.96	94	26350	1.191 ng/ul	95
44) Dimethylphthalate	13.86	163	286184	4.676 ng/ul	100
69) Phenanthrene	17.19	178	761933	8.549 ng/ul	99
71) Anthracene	17.28	178	120712	1.329 ng/ul	99
76) Fluoranthene	19.21	202	2268462	23.555 ng/ul	100
79) Pyrene	19.57	202	1795467	22.022 ng/ul	99
82) Benzo(a)anthracene	21.32	228	926017	11.778 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	442643	10.301 ng/ul	99
84) Chrysene	21.37	228	1095680	14.880 ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	1671520	20.180 ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	607174m>	7.620 ng/ul	
90) Benzo(a)pyrene	23.51	252	942389	12.088 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	819095	8.922 ng/ul	95
92) Dibenzo(a,h)anthracene	25.90	278	205529	2.661 ng/ul#	93
93) Benzo(g,h,i)perylene	26.60	276	667446	8.828 ng/ul	98

50 07/01/19

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