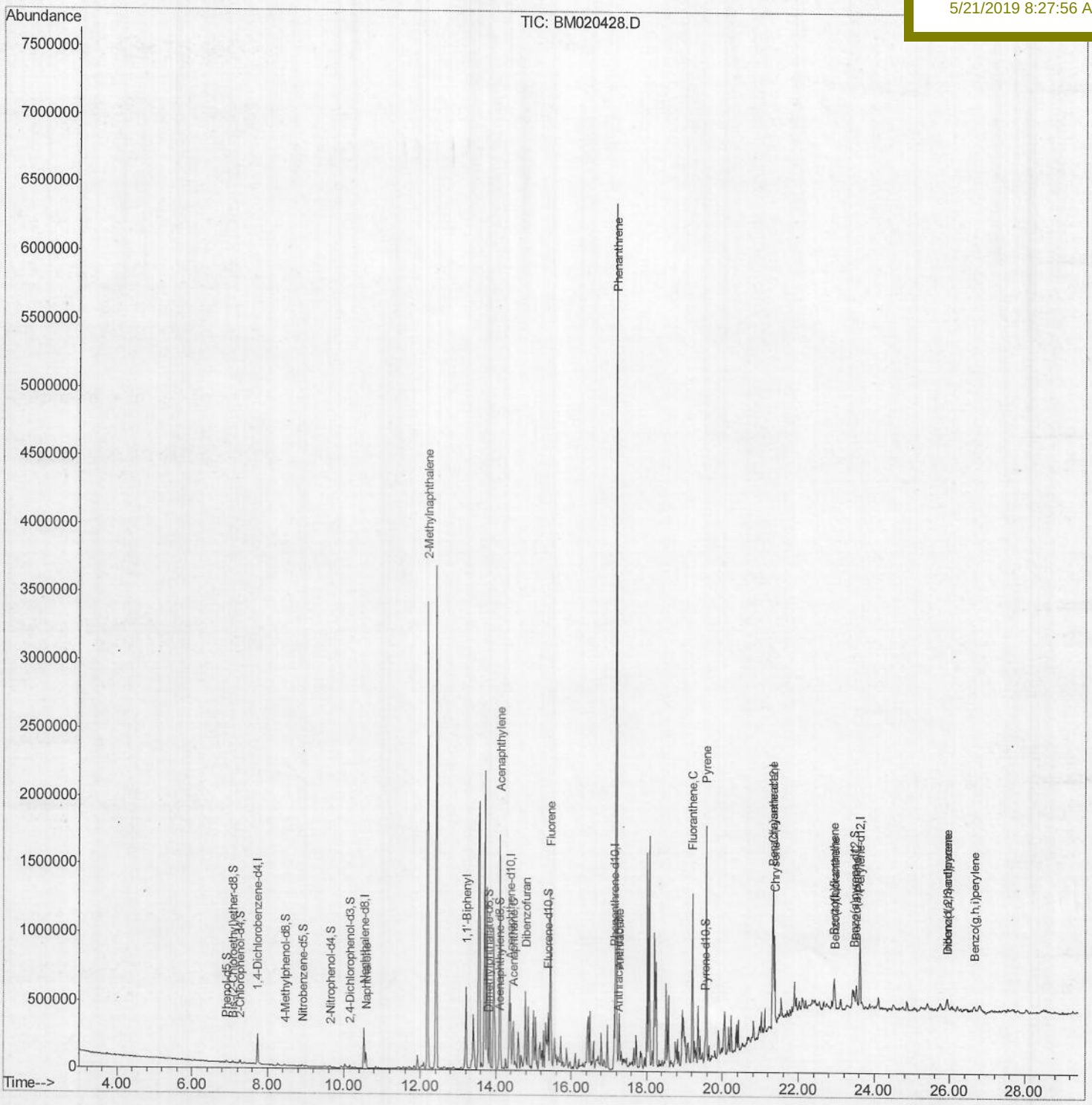
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 02:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

Manual Integrations APPROVED
Sohil
5/21/2019 8:27:56 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 02:23:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
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Manual Integrations APPROVED
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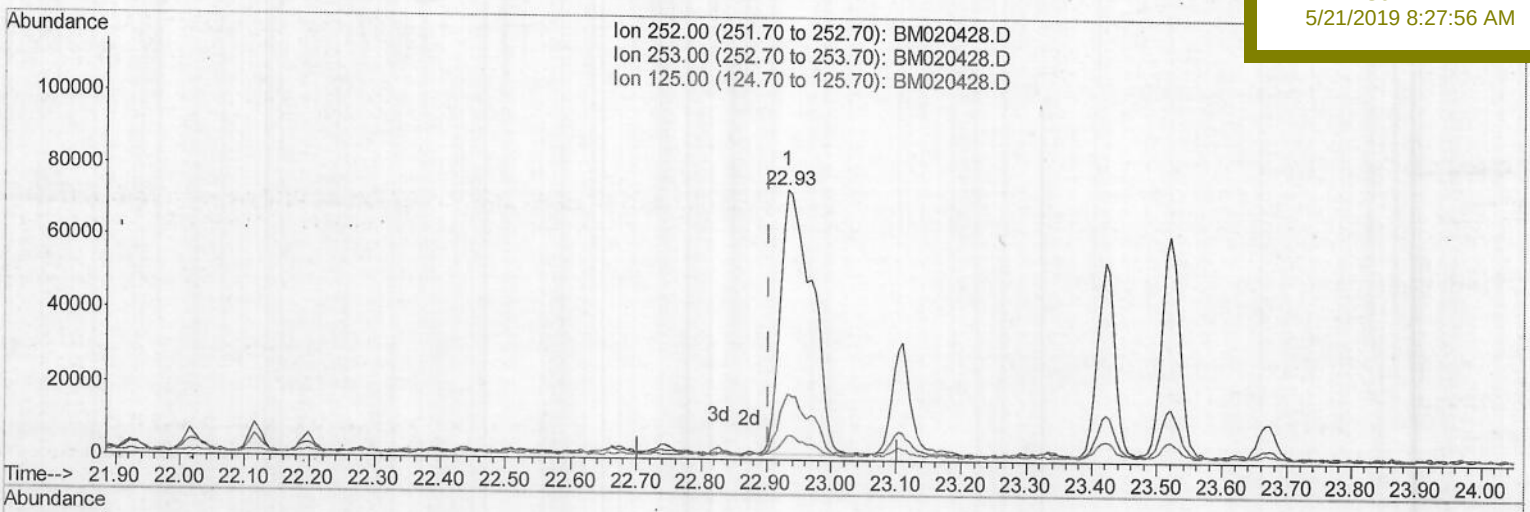
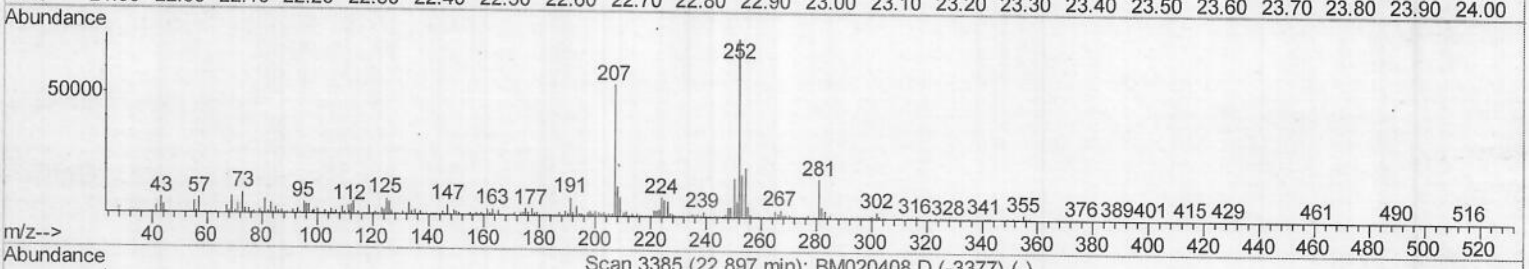
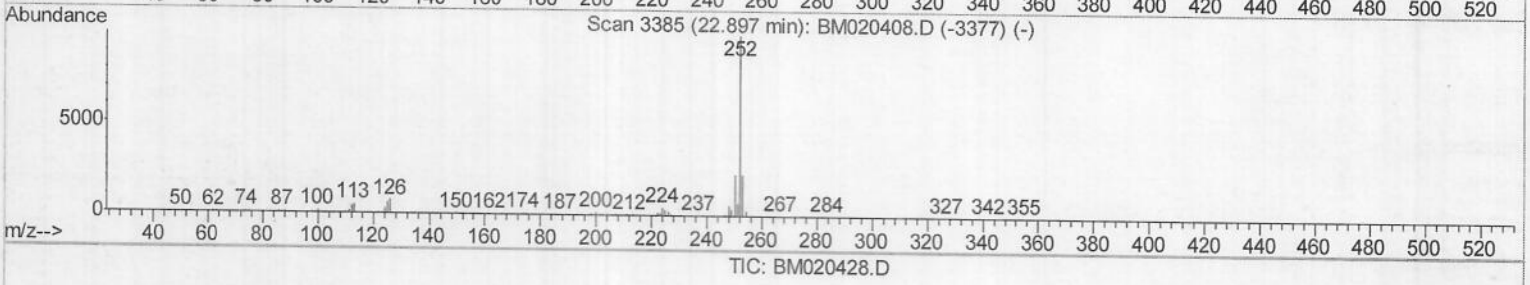
5/21/2019 8:27:56 AM







TIC: BM020428.D

(87) Benzo(b)fluoranthene

22.933min (+0.029) 10.87ng/ul

response 245089

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	24.49
125.00	6.20	9.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

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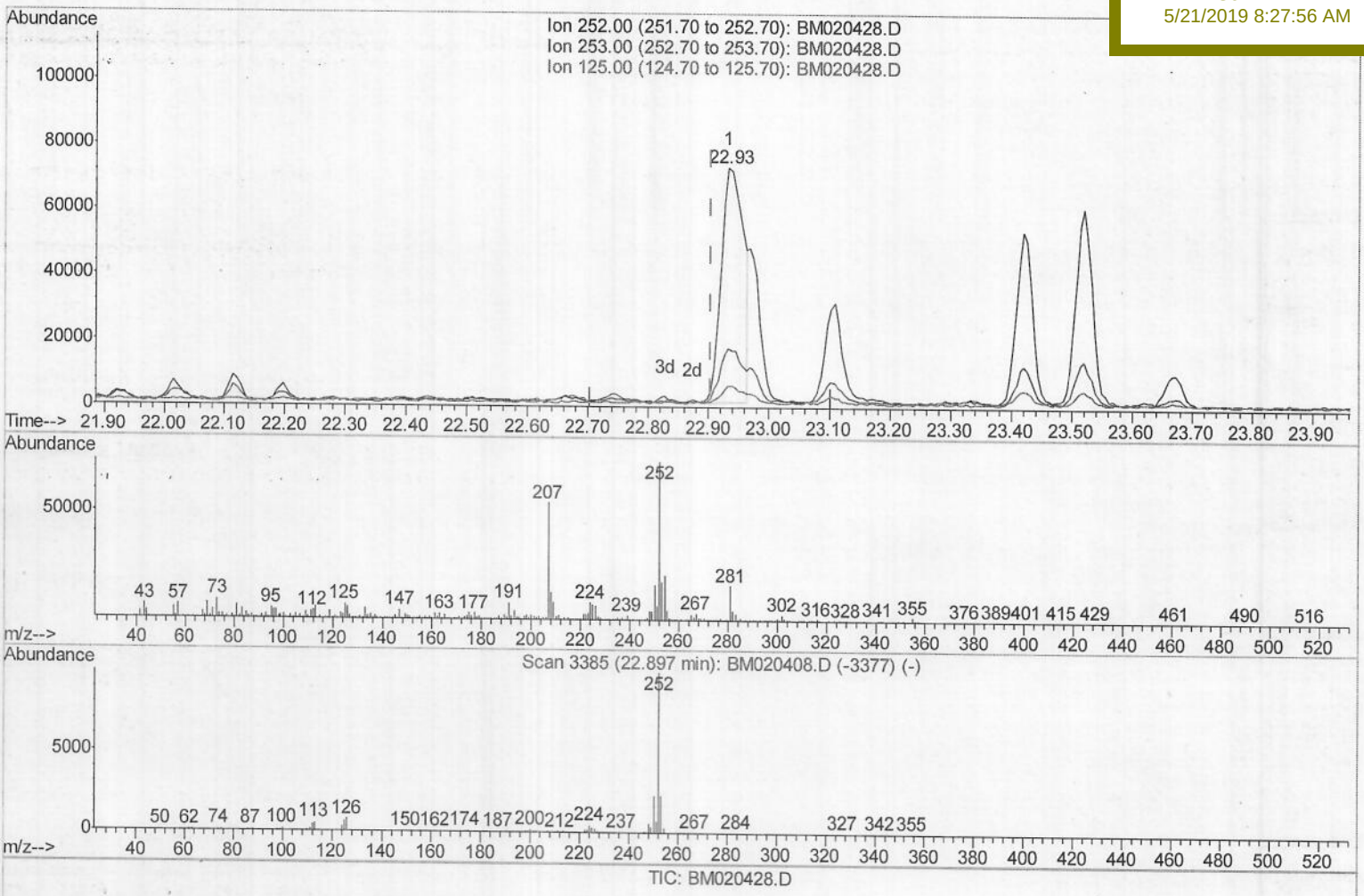
Instrument :
BNA_M
ClientSampleId :
GAJ96DL

Manual Integrations APPROVED
Sohil
5/21/2019 8:27:56 AM



TIC: BM020428.D

(87) Benzo(b)fluoranthene

22.933min (+0.029) 8.06ng/ul m JU05/21/19

response 181767

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	24.49
125.00	6.20	9.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
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Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 02:23:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
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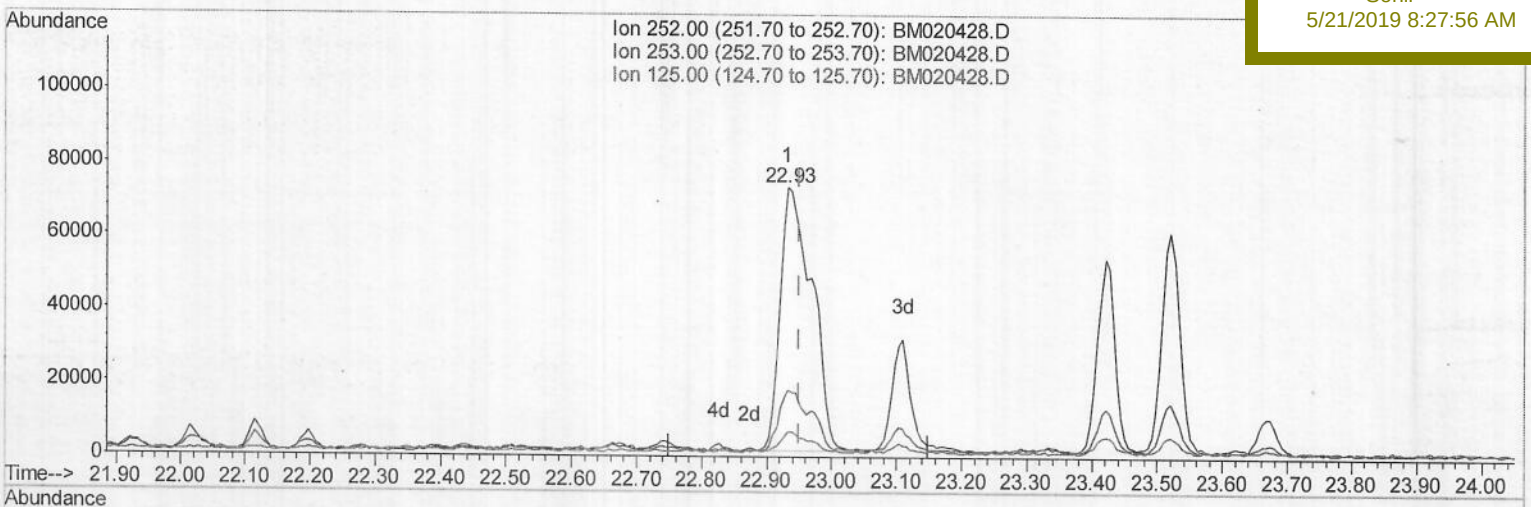
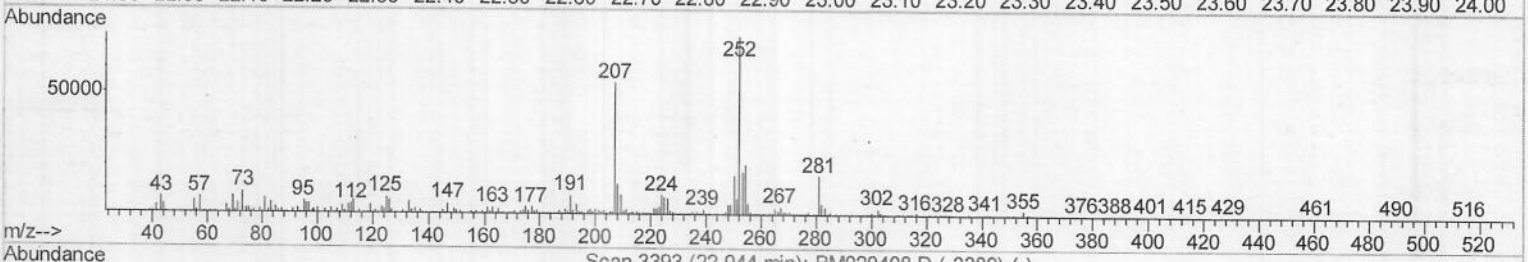
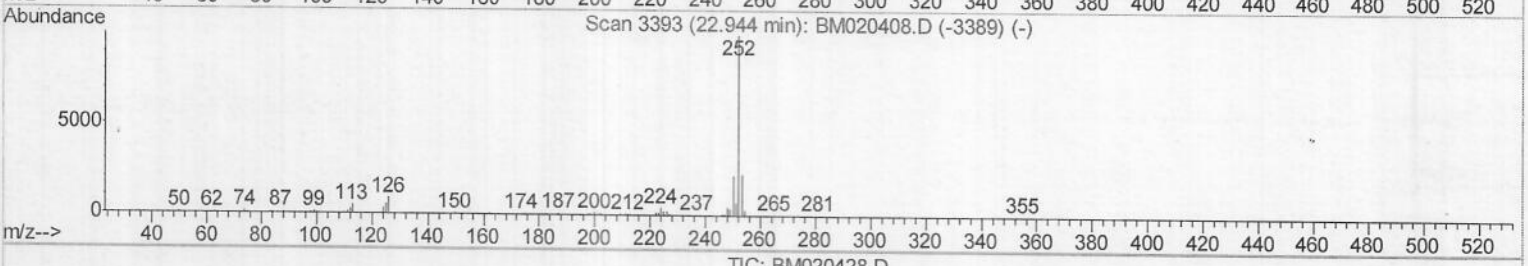
Instrument :
BNA_M
ClientSampleId :
GAJ96DL

Manual Integrations APPROVED
Sohil
5/21/2019 8:27:56 AM







TIC: BM020428.D

(88) Benzo(k)fluoranthene

22.933min (-0.018) 11.04ng/ul

response 244575

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.49
125.00	6.30	9.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

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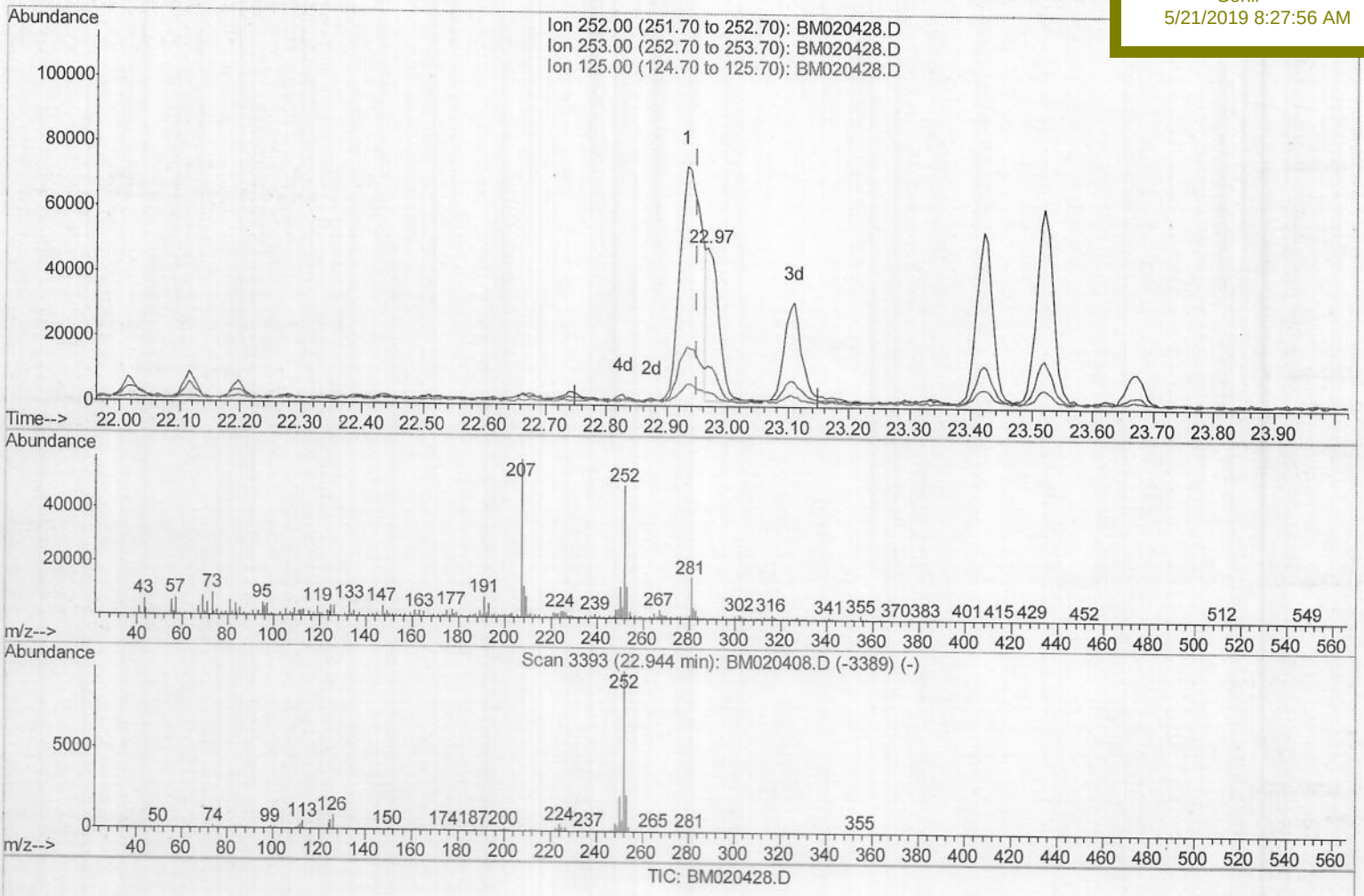
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 02:23:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

Manual Integrations APPROVED
Sohil
5/21/2019 8:27:56 AM



TIC: BM020428.D

(88) Benzo(k)fluoranthene

22.968min (+0.018) 2.83ng/ul m JU 05/21/19

response 62594

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	25.05
125.00	6.30	9.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 02:30:19 2019
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QLast Update : Sat May 18 05:13:49 2019
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Instrument : BNA_M
ClientSampleId : GAJ96DL

Manual Integrations APPROVED
Sohil
5/21/2019 8:27:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	65745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	250550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	152116	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	337253	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	338198	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	395142	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	785	0.44	ng/uL	0.02
5) Phenol-d5	6.91	99	10975	2.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	7399	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	9954	2.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	4384	1.15	ng/ul	0.02
19) Nitrobenzene-d5	8.92	128	3972	2.44	ng/ul	0.02
22) 2-Nitrophenol-d4	9.62	143	4209	2.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	9449	2.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.70	131	2649	0.67	ng/ul	0.03
43) Dimethylphthalate-d6	13.80	166	36203	3.31	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	44795	3.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	741	0.47	ng/ul	0.01
57) Fluorene-d10	15.39	176	33453	3.44	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	320	0.17	ng/ul	0.02
70) Anthracene-d10	17.24	188	49226	3.40	ng/ul	0.01
78) Pyrene-d10	19.54	212	58280	3.58	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	59343	3.30	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.58	128	88344	7.674	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	1538259	184.561	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	310065	28.472	ng/ul	99
47) Acenaphthylene	14.12	152	916022	70.957	ng/ul	97
49) Acenaphthene	14.45	153	107764	12.143	ng/ul	99
53) Dibenzofuran	14.79	168	131371	9.775	ng/ul	94
58) Fluorene	15.44	166	612554	56.895	ng/ul	100
69) Phenanthrene	17.19	178	3768116	234.492	ng/ul	100
71) Anthracene	17.27	178	252306	15.435	ng/ul	99
76) Fluoranthene	19.21	202	673813	33.195	ng/ul	98
79) Pyrene	19.57	202	1030305	50.756	ng/ul	98
82) Benzo(a)anthracene	21.32	228	353009	17.342	ng/ul	97
84) Chrysene	21.37	228	333363	17.137	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	181767m	8.060	ng/ul	
88) Benzo(k)fluoranthene	22.97	252	62594m	2.826	ng/ul	
90) Benzo(a)pyrene	23.52	252	112767	5.313	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.93	276	74880	3.096	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.94	278	28757	1.391	ng/ul#	82
93) Benzo(g,h,i)perylene	26.65	276	57175	2.856	ng/ul	94

JU 05/21/19

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