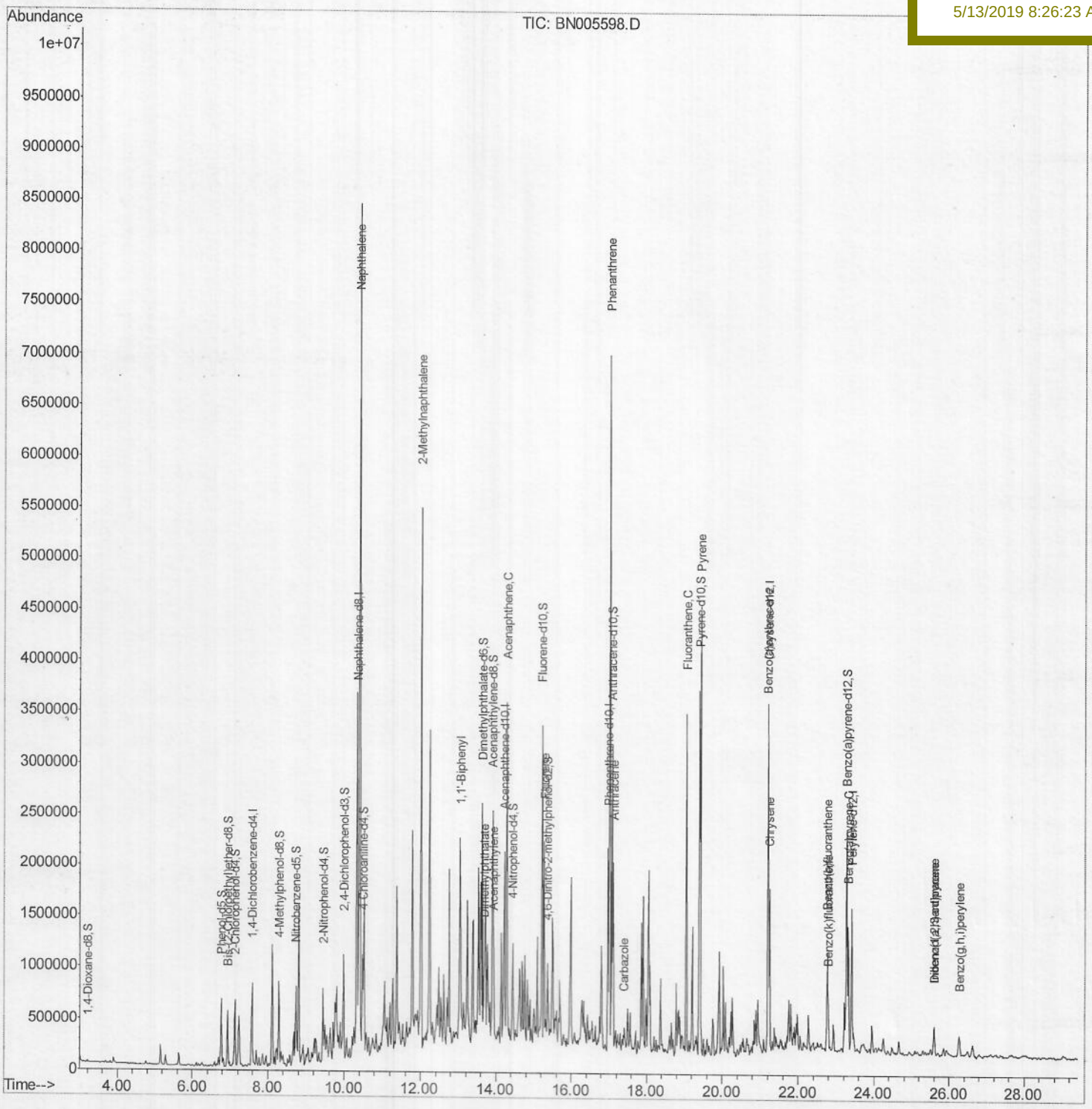
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005598.D
Acq On : 10 May 2019 20:49
Operator : JU/SJ
Sample : K2604-13ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 11 00:17:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ87ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:23 AM



Quantitation Report (Qedit)

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Quant Time: May 10 23:12:00 2019
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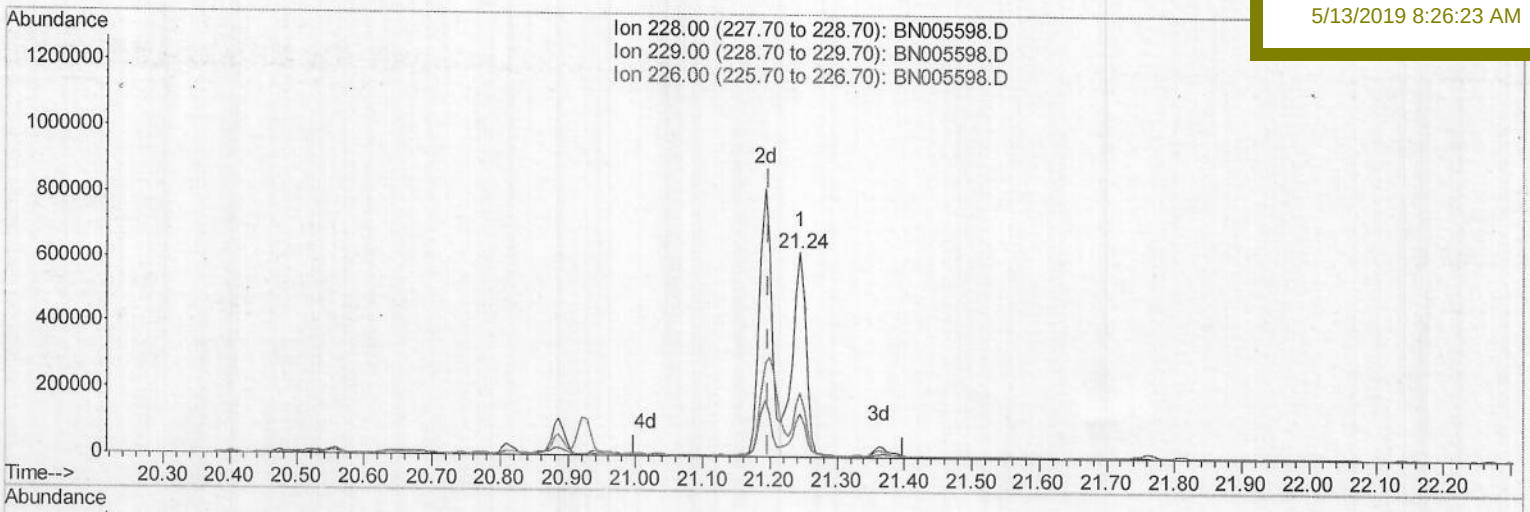

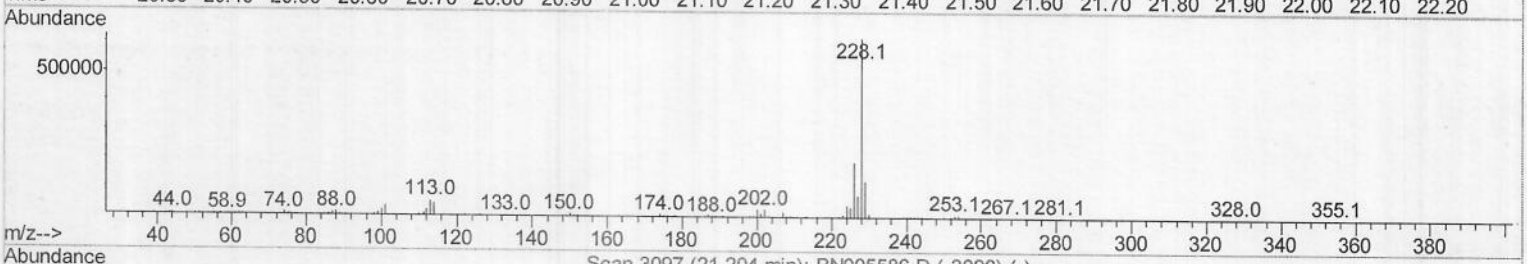

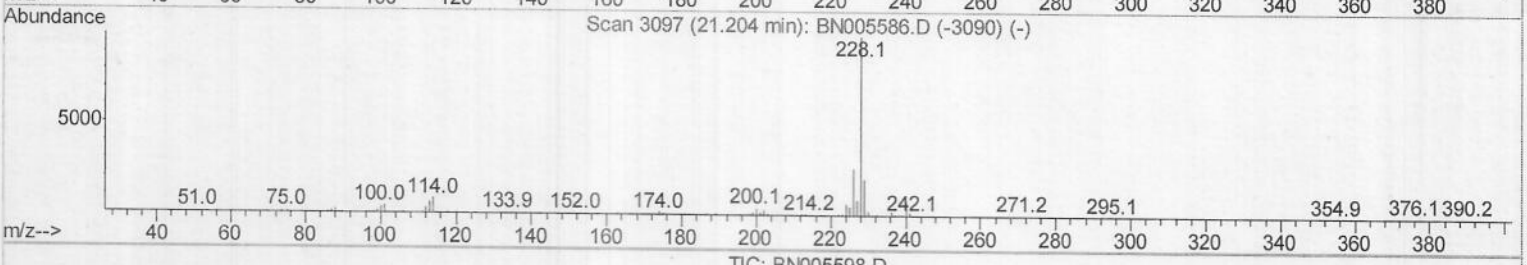

TIC: BN005598.D

(82) Benzo(a)anthracene

21.245min (+0.047) 12.94ng/ul

response 862323

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.92
226.00	26.80	30.84
0.00	0.00	0.00

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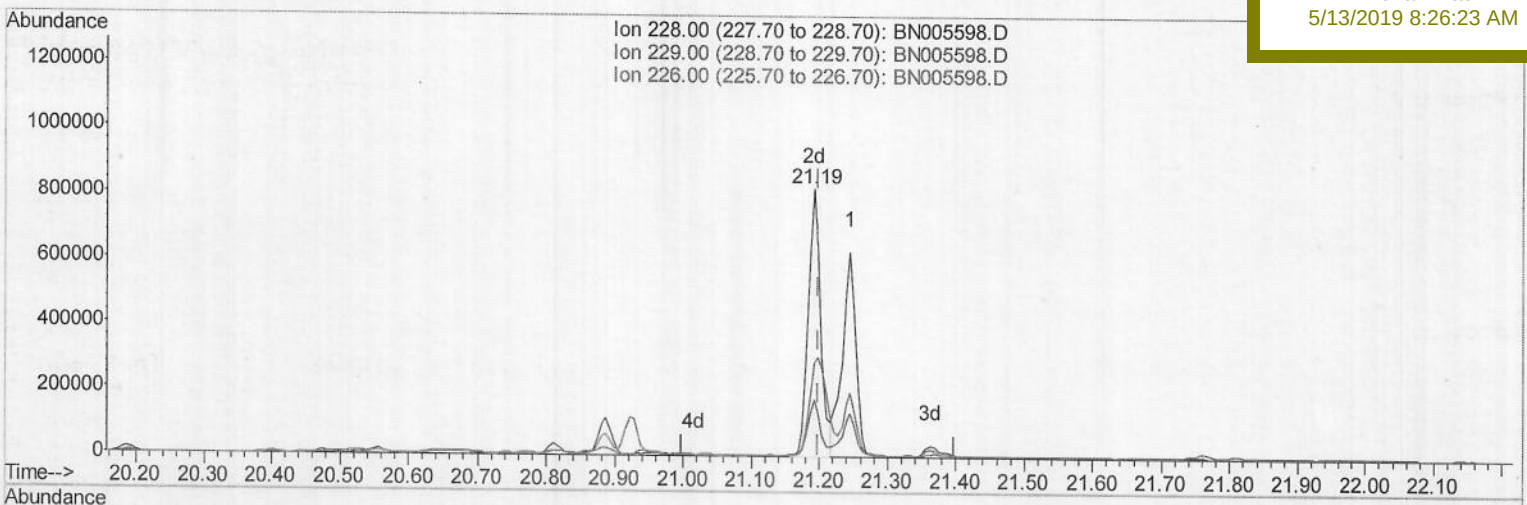

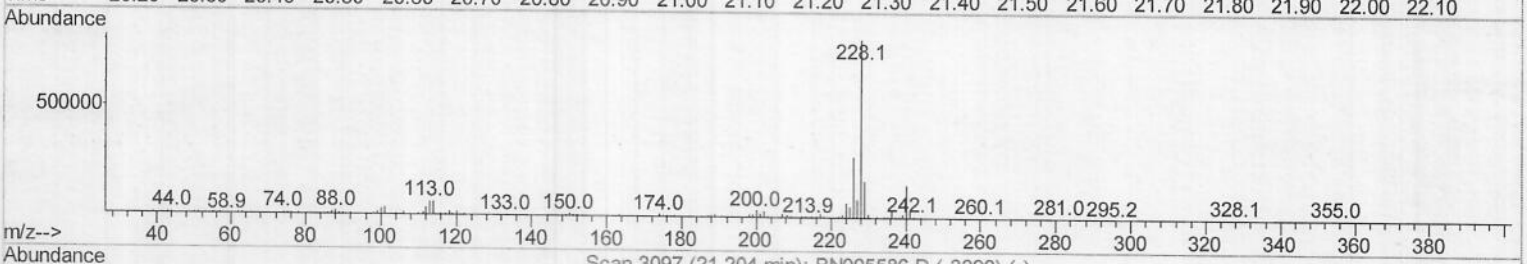

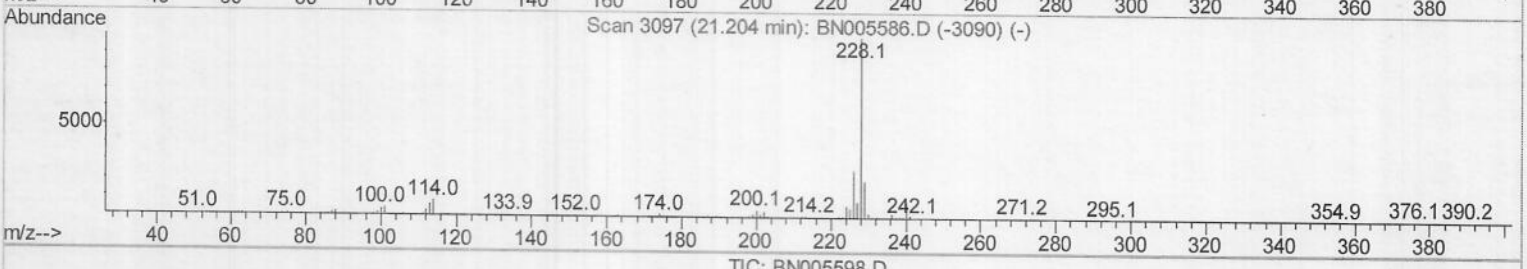

TIC: BN005598.D

(82) Benzo(a)anthracene

21.192min (-0.006) 15.77ng/ul m) JU05|21|19

response 1051014

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.72
226.00	26.80	34.57#
0.00	0.00	0.00

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mohammad
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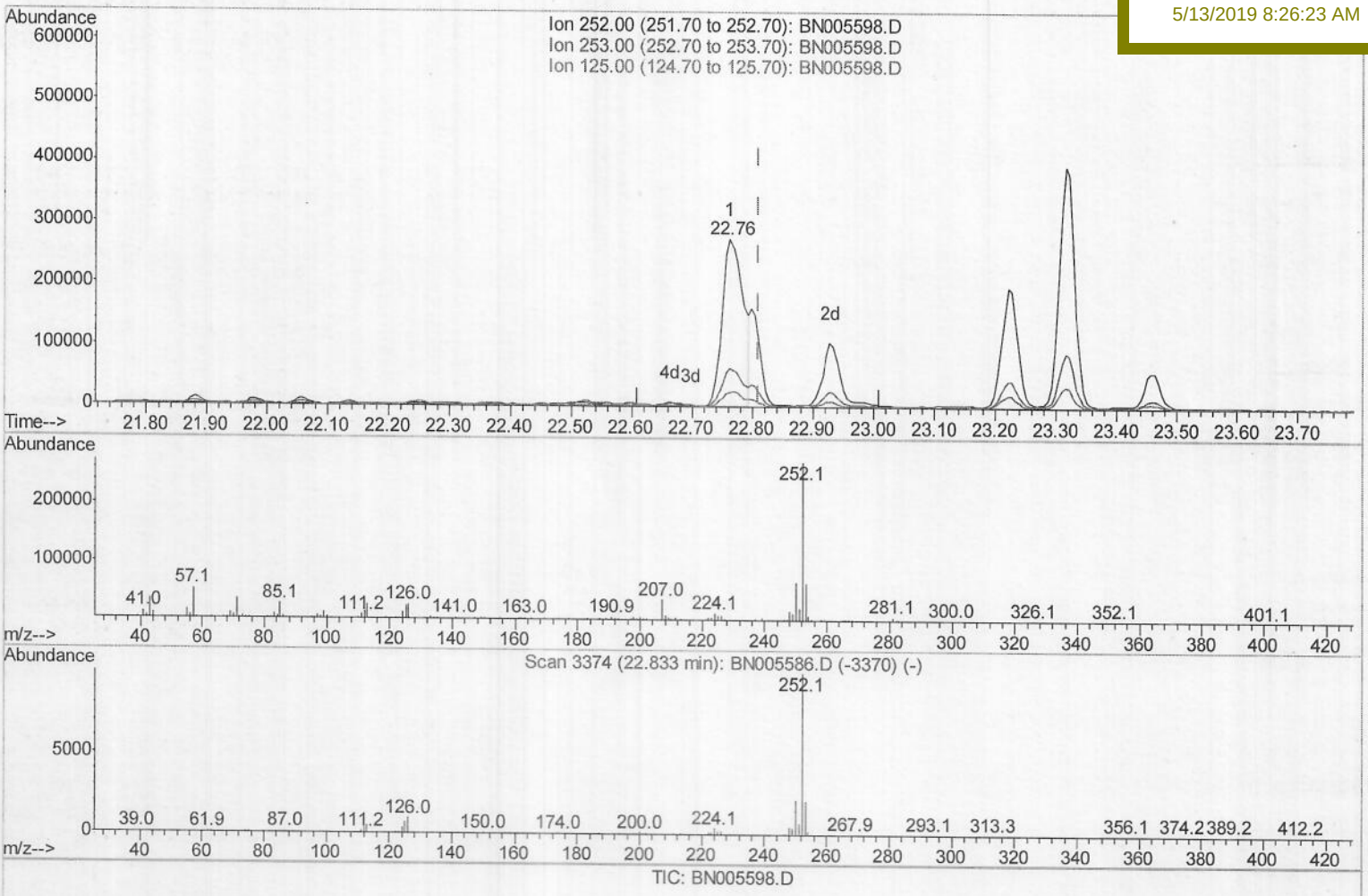

TIC: BN005598.D

(88) Benzo(k)fluoranthene

22.763min (-0.047) 11.97ng/ul

response 649011

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.18
125.00	9.40	8.32
0.00	0.00	0.00

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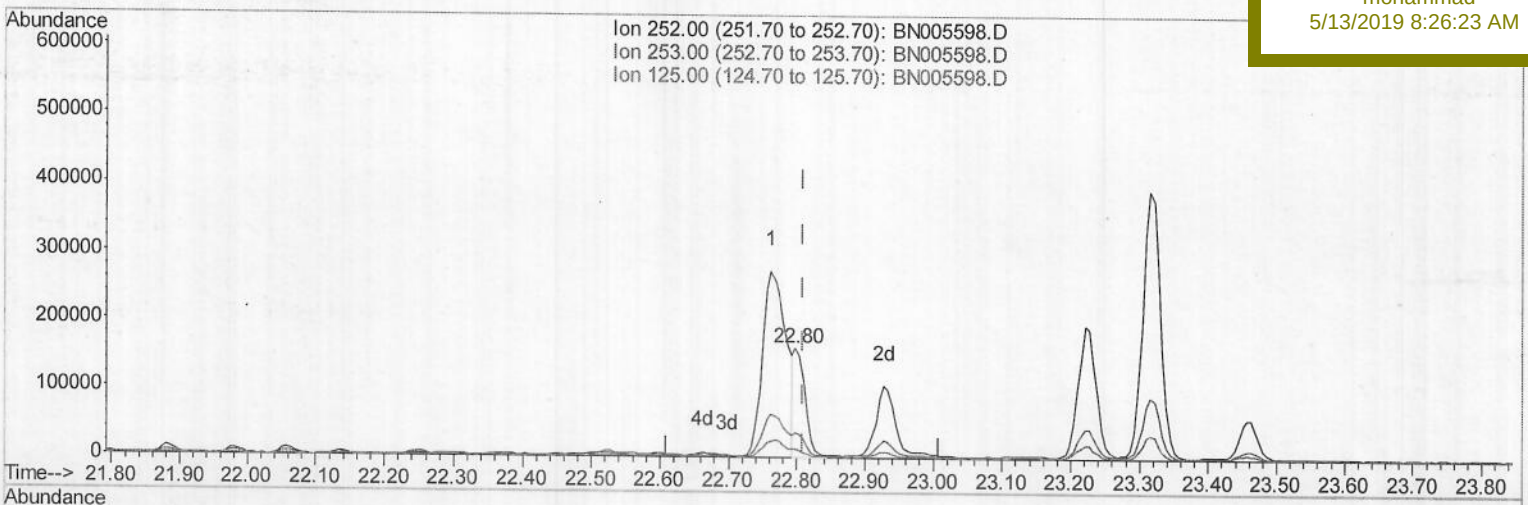
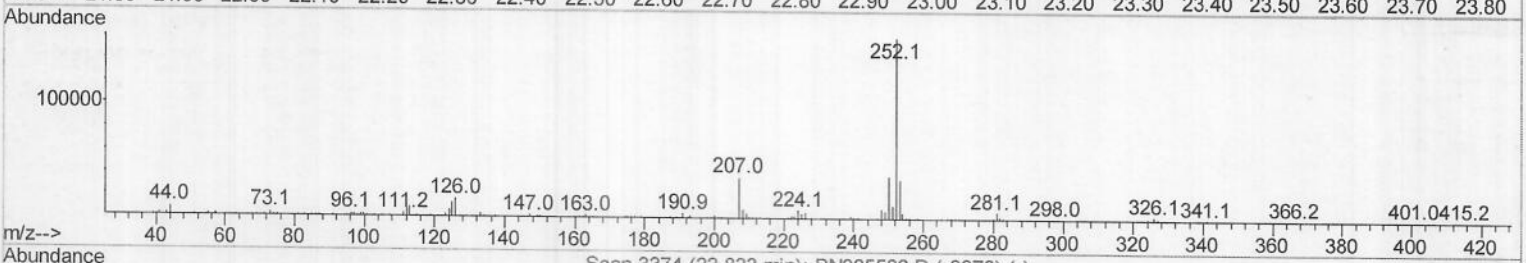
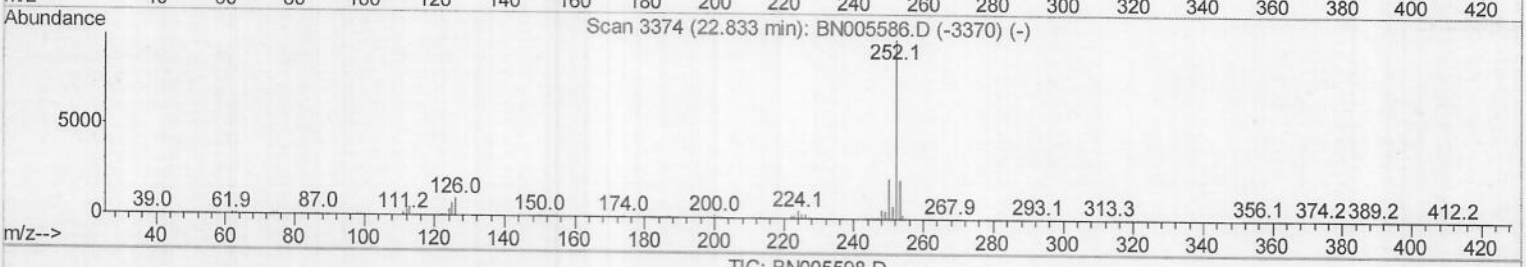
mohammad
5/13/2019 8:26:23 AM







TIC: BN005598.D

(88) Benzo(k)fluoranthene

22.798min (-0.012) 3.44ng/ul m JJ005121119

response 186635

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.80
125.00	9.40	8.20
0.00	0.00	0.00

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ClientSampleId : GAJ87ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	214625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	889543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	528377	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1182535	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1071267	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1009763	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11801	2.65	ng/uL	0.00
5) Phenol-d5	6.76	99	356147	21.13	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	221592	21.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	296431	22.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	316462	24.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	187706	34.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	215636	38.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	376745	29.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	573641	43.72	ng/ul	-0.01
43) Dimethylphthalate-d6	13.63	166	1307602	34.09	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1548382	32.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	181301	29.94	ng/ul	0.00
57) Fluorene-d10	15.22	176	1097398	34.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	152962	28.76	ng/ul	0.00
70) Anthracene-d10	17.07	188	1684527	33.98	ng/ul	0.00
78) Pyrene-d10	19.39	212	1871574	34.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1518884	34.42	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.40	128	6657428	160.989	ng/ul	100
34) 2-Methylnaphthalene	12.02	142	2374601	78.423	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	393342	9.991	ng/ul	98
44) Dimethylphthalate	13.68	163	199462	5.219	ng/ul#	99
47) Acenaphthylene	13.94	152	264005	5.702	ng/ul#	90
49) Acenaphthene	14.28	153	1291963	40.877	ng/ul	98
58) Fluorene	15.27	166	819036	23.066	ng/ul	98
69) Phenanthrene	17.02	178	4184115	72.652	ng/ul	100
71) Anthracene	17.11	178	1146728	19.546	ng/ul	99
74) Carbazole	17.38	167	59021	1.171	ng/ul#	92
76) Fluoranthene	19.05	202	1973096	30.888	ng/ul#	95
79) Pyrene	19.42	202	2711393	39.310	ng/ul#	92
82) Benzo(a)anthracene	21.19	228	1051014m	15.771	ng/ul	
84) Chrysene	21.24	228	862323	13.942	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	649011	11.434	ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	186635m	3.443	ng/ul	
90) Benzo(a)pyrene	23.32	252	688120	12.897	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	248954	4.220	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.60	278	70818	1.415	ng/ul#	78
93) Benzo(g,h,i)perylene	26.27	276	232760	4.772	ng/ul#	92

5005/21/19

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