

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\

Quantitation Report (LSC Reviewed)

Data File : BN010000.D

Acq On : 28 Feb 2020 23:44

Operator : CG/JU

Sample : L1507-14

Misc :

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_N

Client Sampled :

DBD12

Manual Integrations
APPROVED

mohammad

3/3/2020 4:59:16 PM

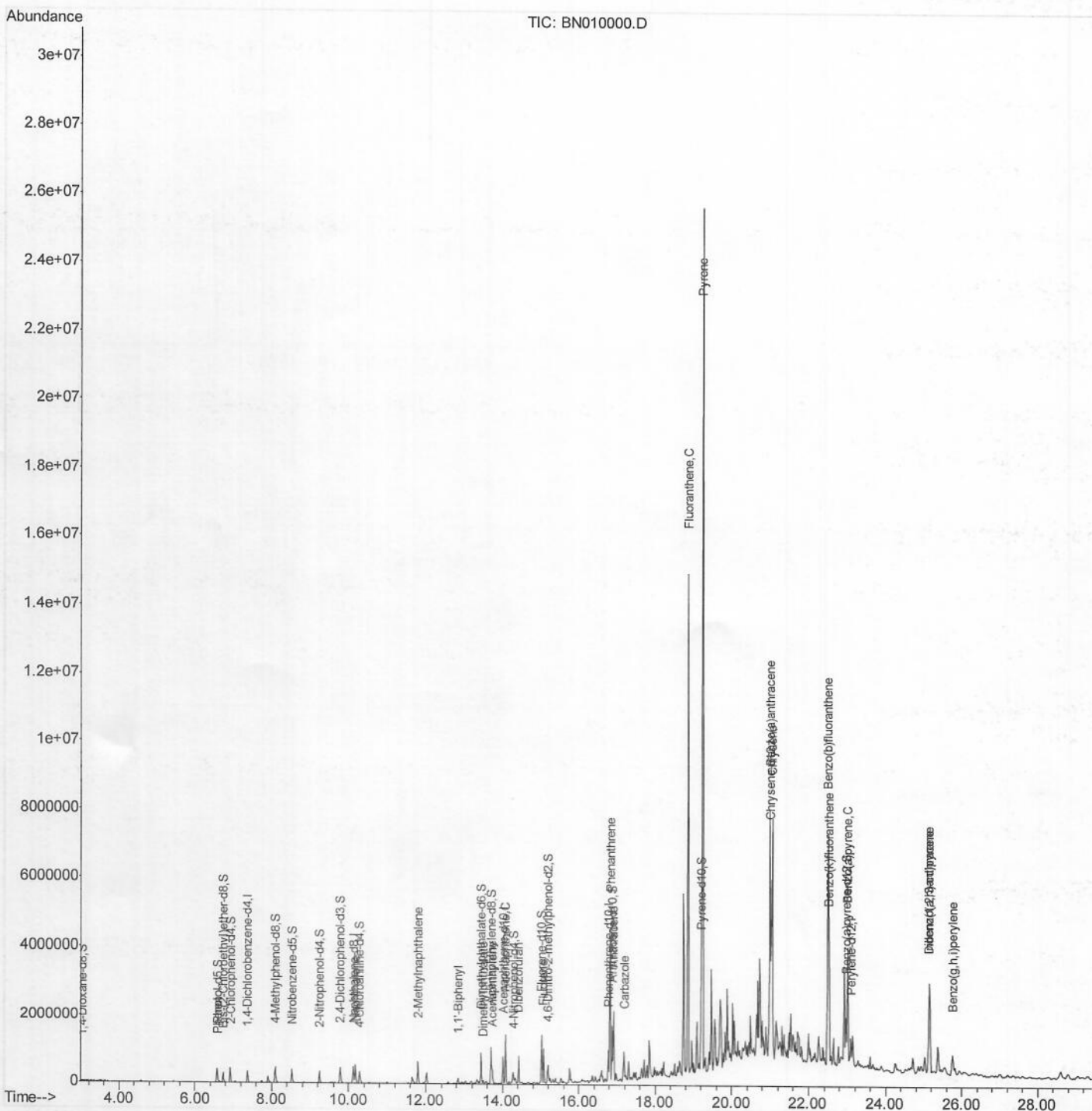
Quant Time: Feb 29 03:32:08 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Feb 29 01:38:10 2020

Response via : Initial Calibration



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Quantitation Report (Qedit)

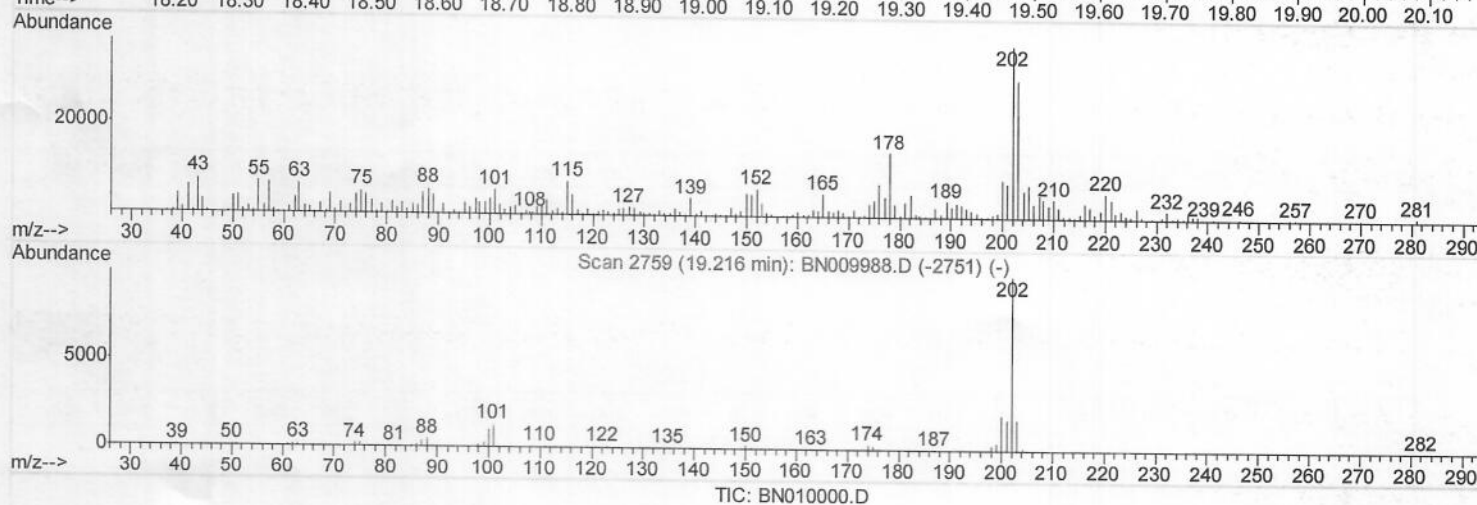
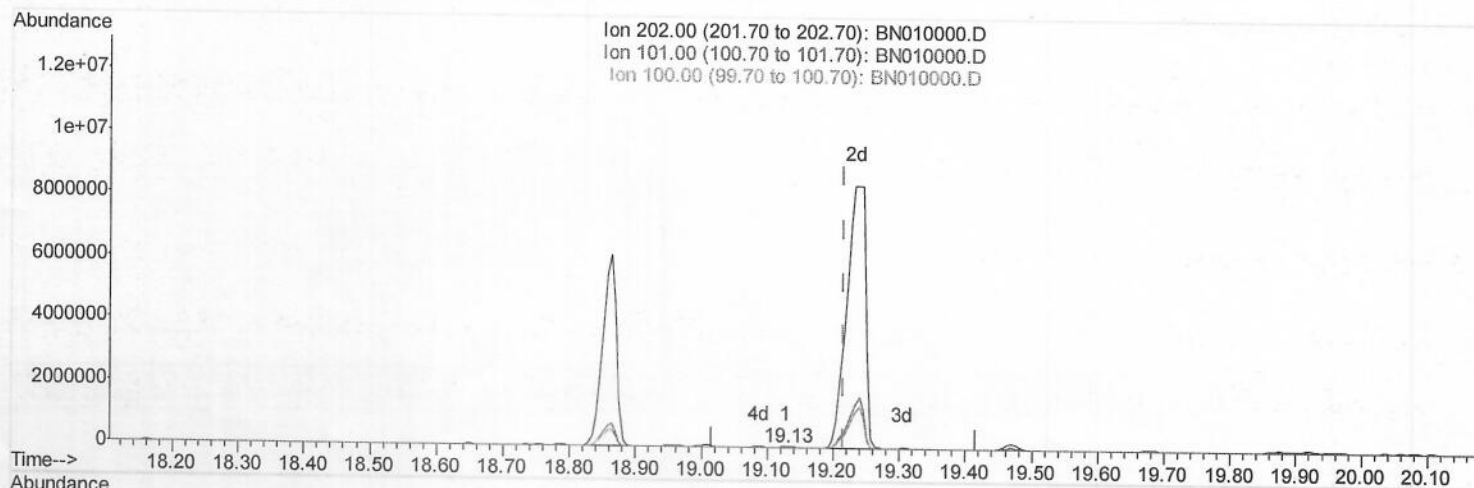
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(80) Pyrene

19.128min (-0.088) 1.76ng/ul

response 62124

Ion	Exp%	Act%
202.00	100	100
101.00	14.10	15.05
100.00	11.30	9.83
0.00	0.00	0.00

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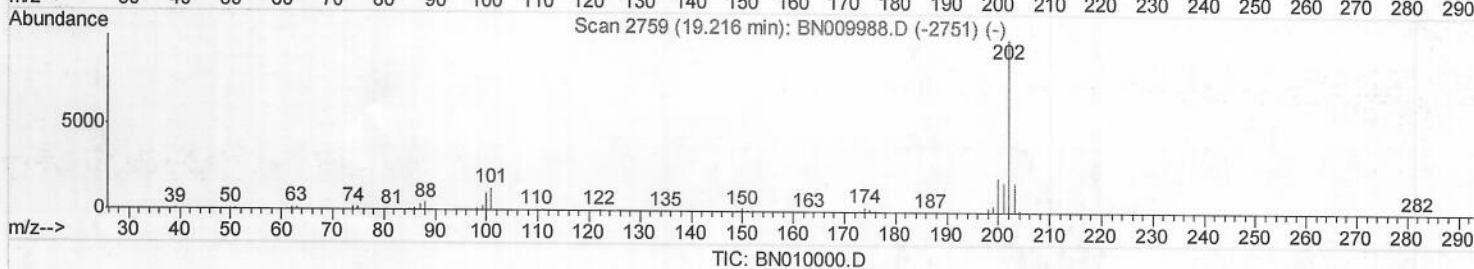
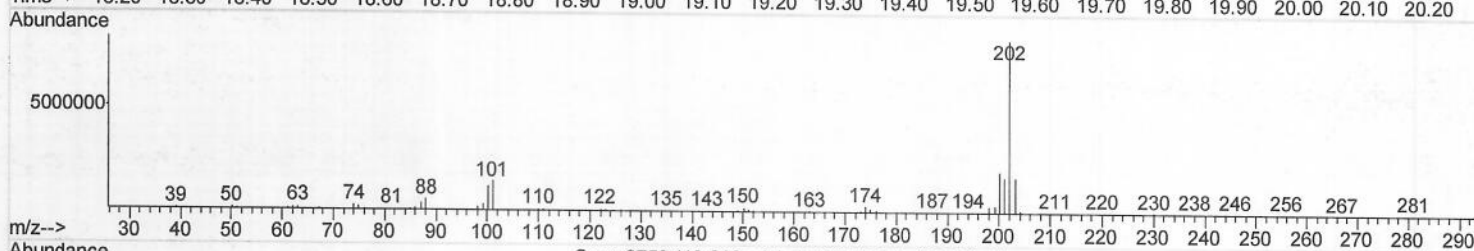
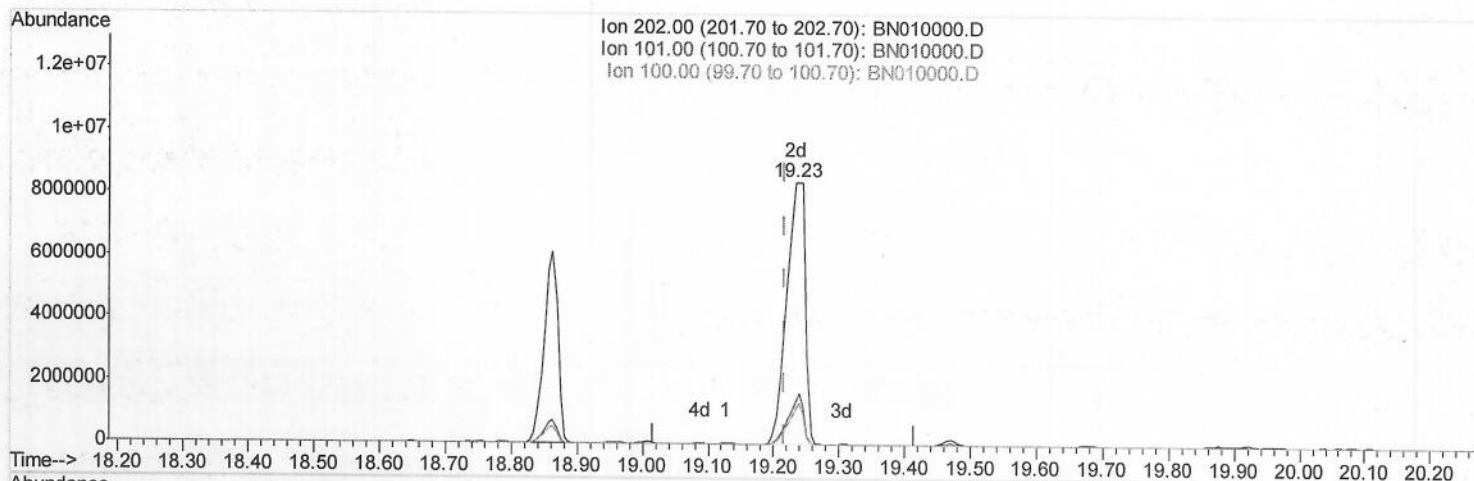
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(80) Pyrene

19.233min (+0.018) 479.03ng/ul m> Su 03/04/20

response 16866900

Ion	Exp%	Act%
202.00	100	100
101.00	14.10	16.33
100.00	11.30	13.65#
0.00	0.00	0.00

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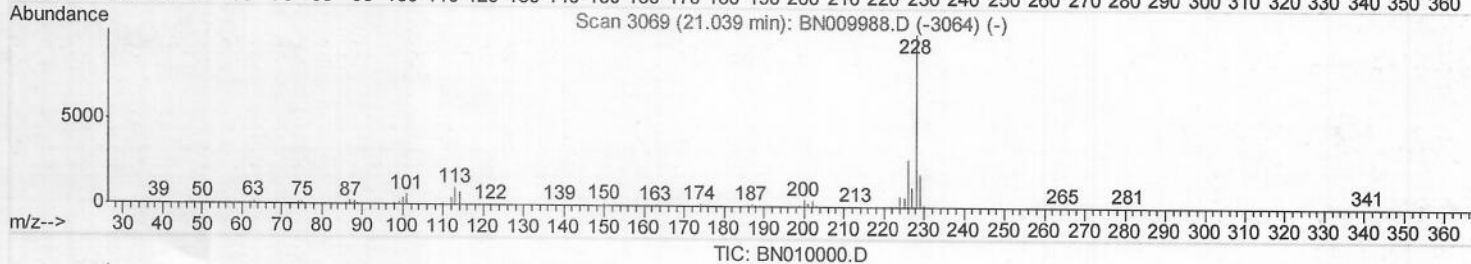
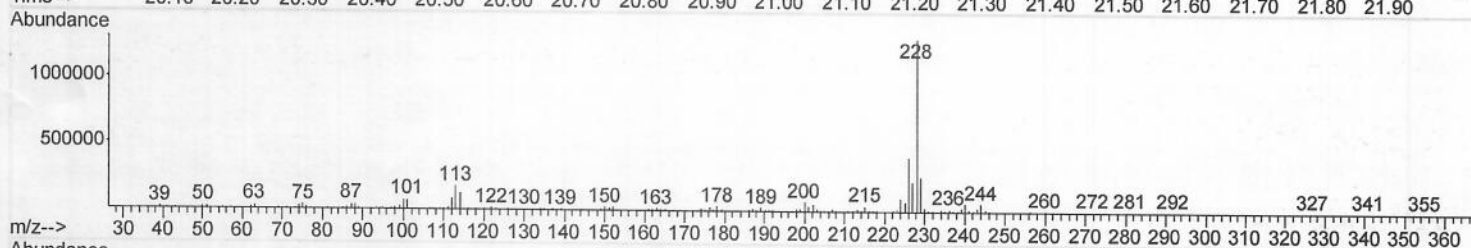
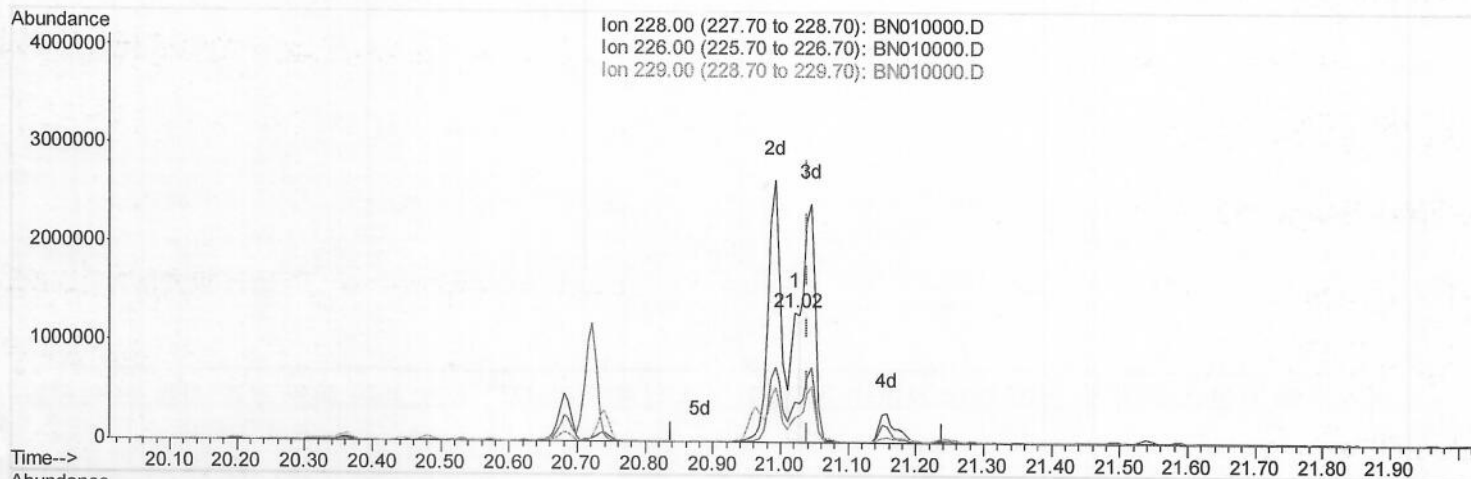
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(85) Chrysene

21.022min (-0.018) 36.41ng/ul

response 1203091

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.19
229.00	18.70	19.64
0.00	0.00	0.00

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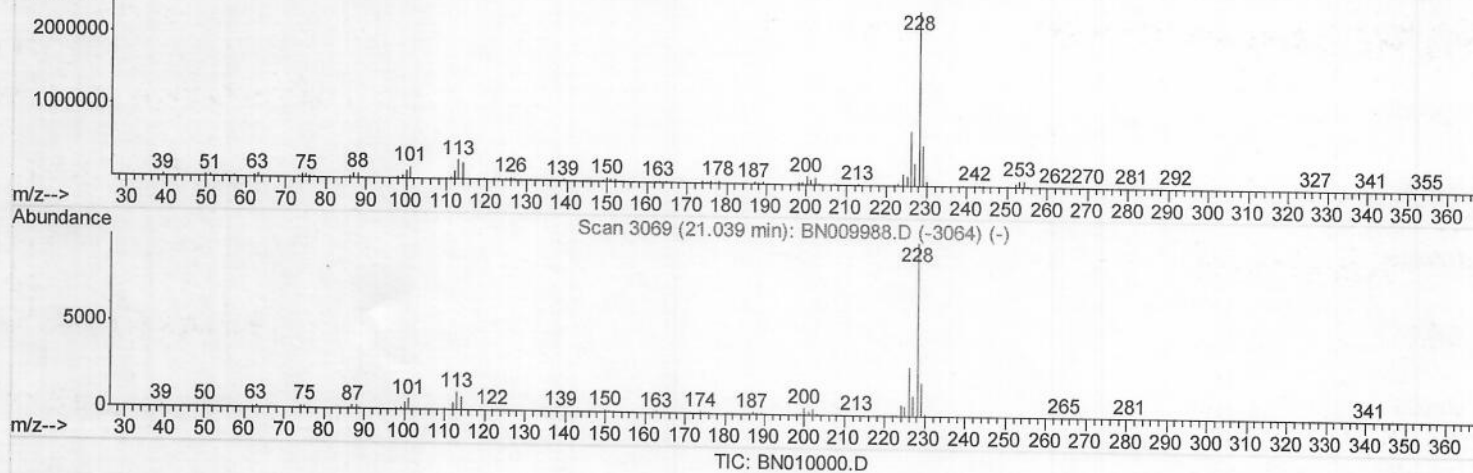
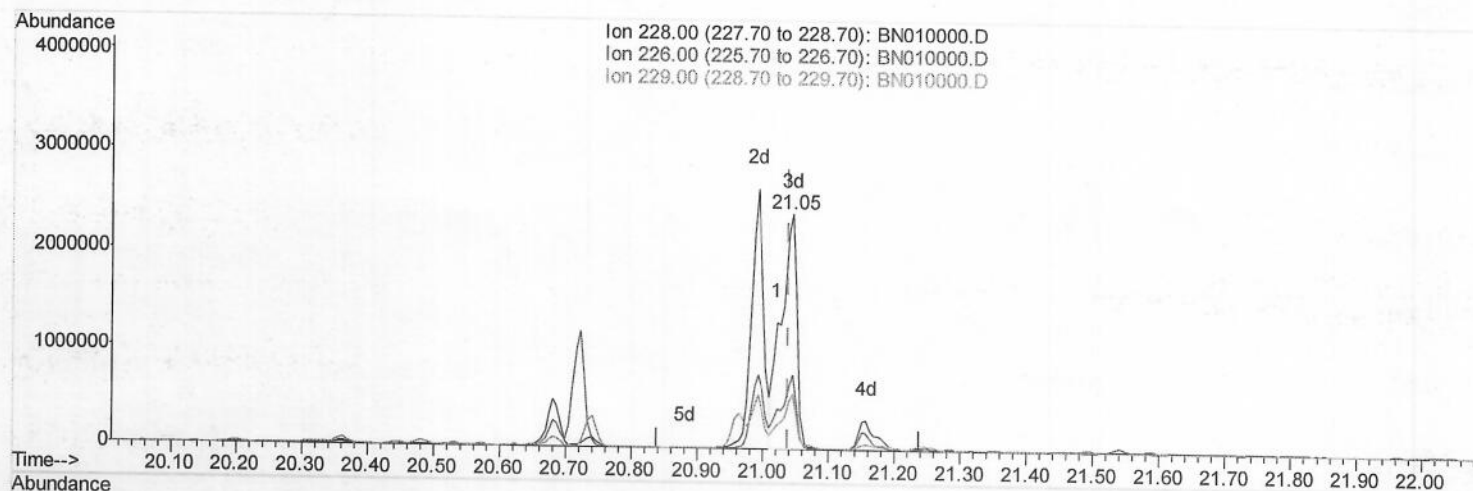
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(85) Chrysene

21.045min (+0.006) 121.93ng/ul m > Ju 03/04/20

response 4028860

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.57
229.00	18.70	23.43#
0.00	0.00	0.00

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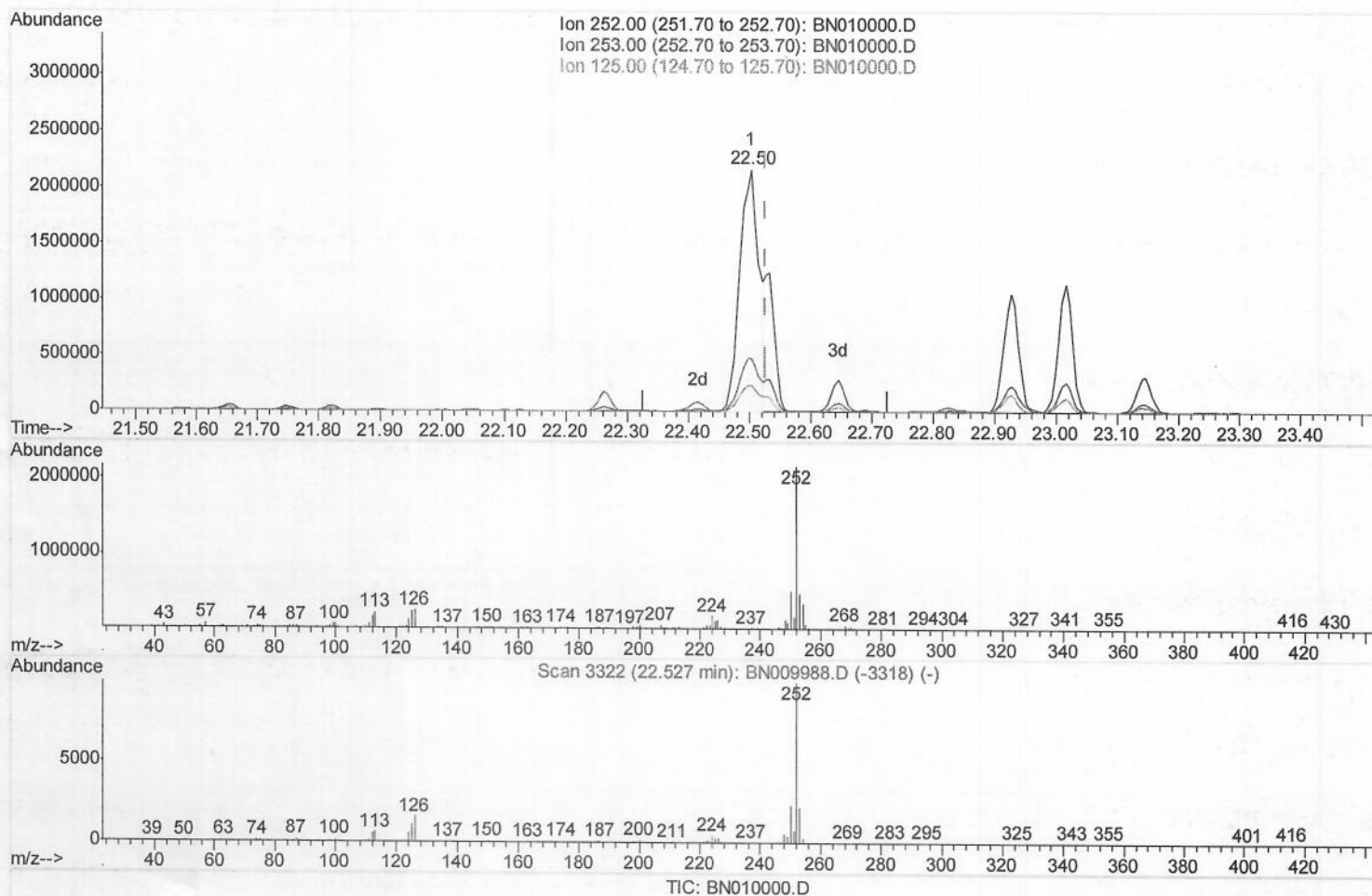
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(89) Benzo(k)fluoranthene

22.504min (-0.023) 150.74ng/ul

response 4673918

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.88
125.00	10.20	10.75
0.00	0.00	0.00

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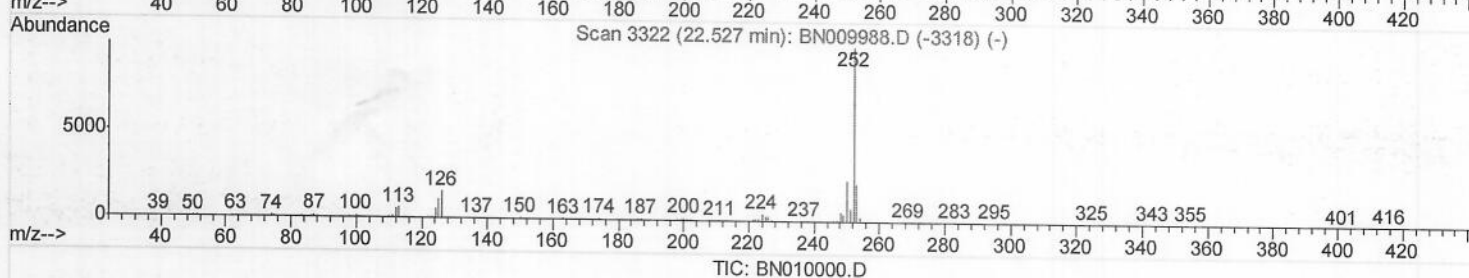
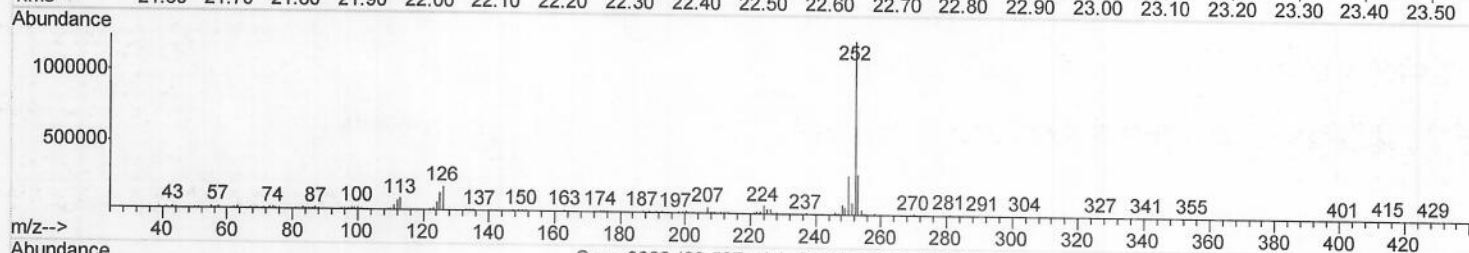
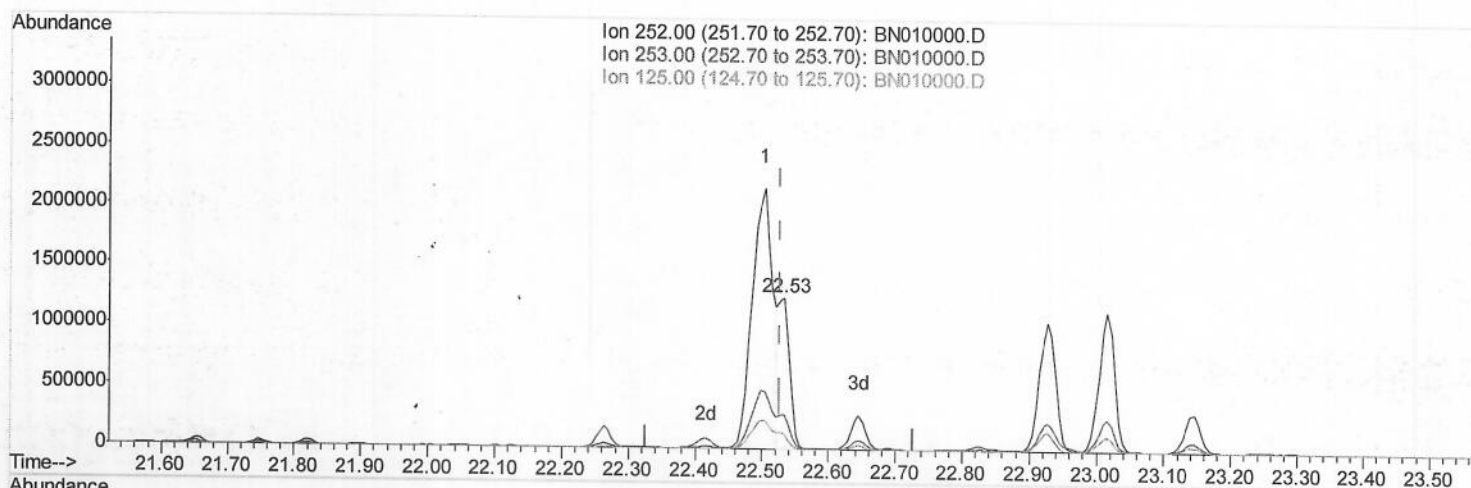
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Instrument :
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Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.533min (+0.006) 44.77ng/ul m> JU 03/04/20

response 1388276

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.99
125.00	10.20	10.21
0.00	0.00	0.00

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	337535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	223071	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	503840	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	488390	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	505075	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	9629	5.15	ng/uL	0.00
5) Phenol-d5	6.58	99	188067	28.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	135109	29.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	151216	30.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	152382	29.28	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	75524	30.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	81165	30.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	160256	30.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	154042	26.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	532380	31.95	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	634703	32.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	80278	26.38	ng/ul	0.02
58) Fluorene-d10	15.02	176	488567	33.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	79032	25.25	ng/ul	0.00
71) Anthracene-d10	16.87	188	777378	33.66	ng/ul	0.00
79) Pyrene-d10	19.19	212	853551	33.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	856004	33.94	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.60	94	8125	1.159	ng/ul#	56
28) Naphthalene	10.17	128	346749	19.050	ng/ul	99
34) 2-Methylnaphthalene	11.79	142	267330	21.152	ng/ul	97
41) 1,1'-Biphenyl	12.84	154	78865	4.603	ng/ul	99
45) Dimethylphthalate	13.49	163	46738	2.688	ng/ul	96
48) Acenaphthylene	13.73	152	225650	10.624	ng/ul	99
50) Acenaphthene	14.08	153	501790	34.462	ng/ul	98
54) Dibenzofuran	14.42	168	439362	21.498	ng/ul	96
59) Fluorene	15.07	166	404592	23.589	ng/ul	99
70) Phenanthrene	16.82	178	2312675	80.429	ng/ul	99
72) Anthracene	16.91	178	1091682	37.139	ng/ul	98
75) Carbazole	17.19	167	215436	8.323	ng/ul	97
77) Fluoranthene	18.86	202	8820777	261.888	ng/ul	100
80) Pyrene	19.23	202	16866900m	479.027	ng/ul	
83) Benzo(a)anthracene	20.99	228	3498400	104.235	ng/ul	96
85) Chrysene	21.05	228	4028860m	121.932	ng/ul	98
88) Benzo(b)fluoranthene	22.50	252	4673918	142.728	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	1388276m	44.772	ng/ul	98
91) Benzo(a)pyrene	23.02	252	1818265	61.734	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.13	276	883745	25.273	ng/ul	70
93) Dibenzo(a,h)anthracene	25.13	278	249150	8.329	ng/ul#	97
94) Benzo(g,h,i)perylene	25.76	276	545123	18.592	ng/ul	

> 50 03/04/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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