

Quantitation Report (Qedit)

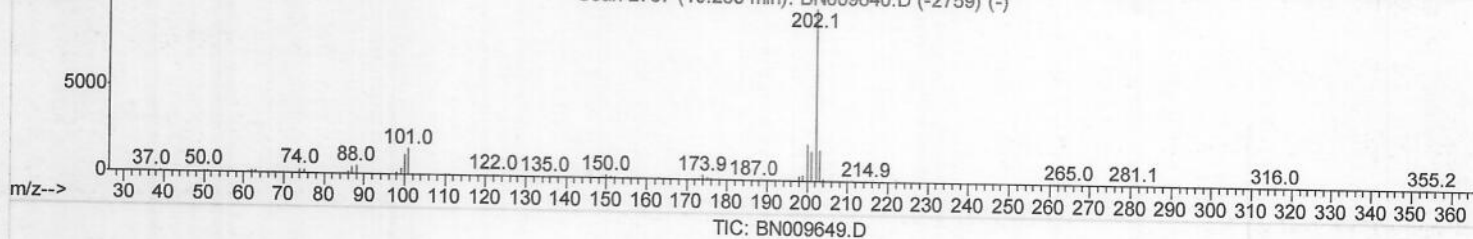
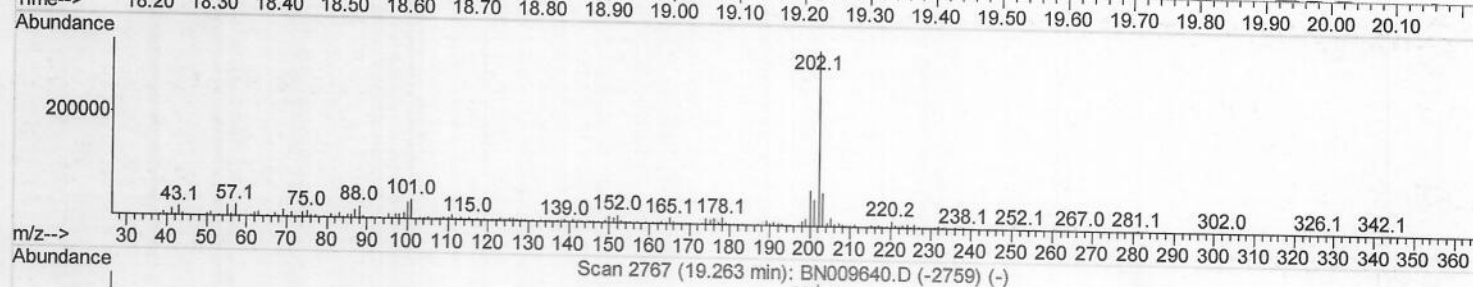
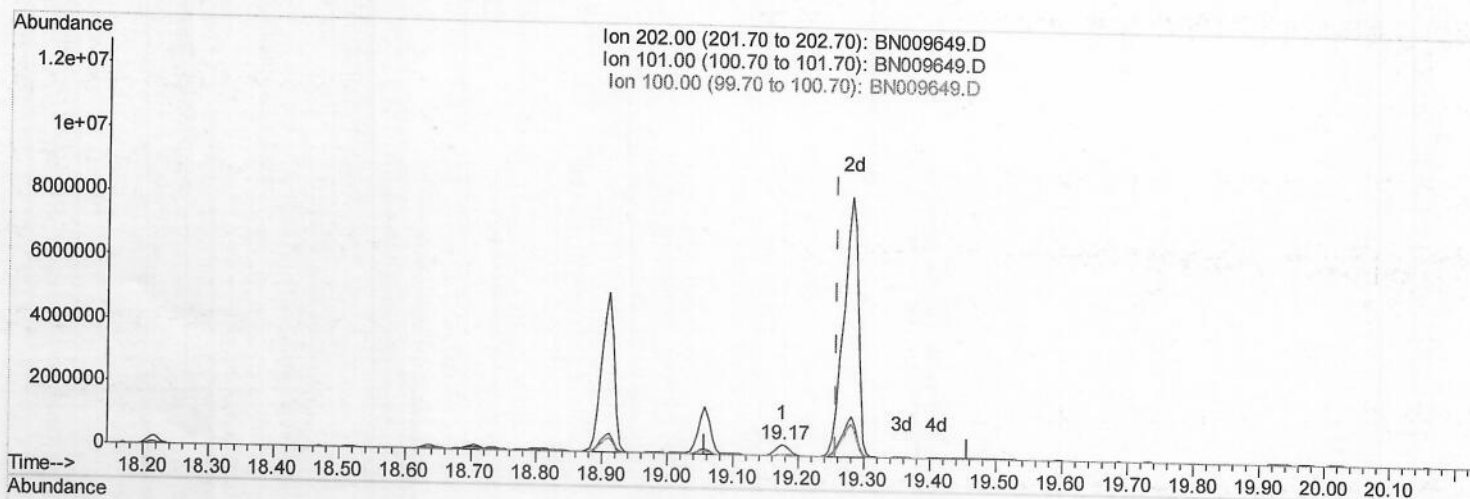
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009649.D
 Acq On : 07 Feb 2020 15:37
 Operator : CG/JU
 Sample : L1324-11MSD 10X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT66MSD

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:23:25 AM

Quant Time: Feb 18 09:25:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 18 09:03:14 2020
 Response via : Initial Calibration



(79) Pyrene

19.175min (-0.082) 8.62ng/ul

response 474350

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	11.17
100.00	10.50	9.71
0.00	0.00	0.00

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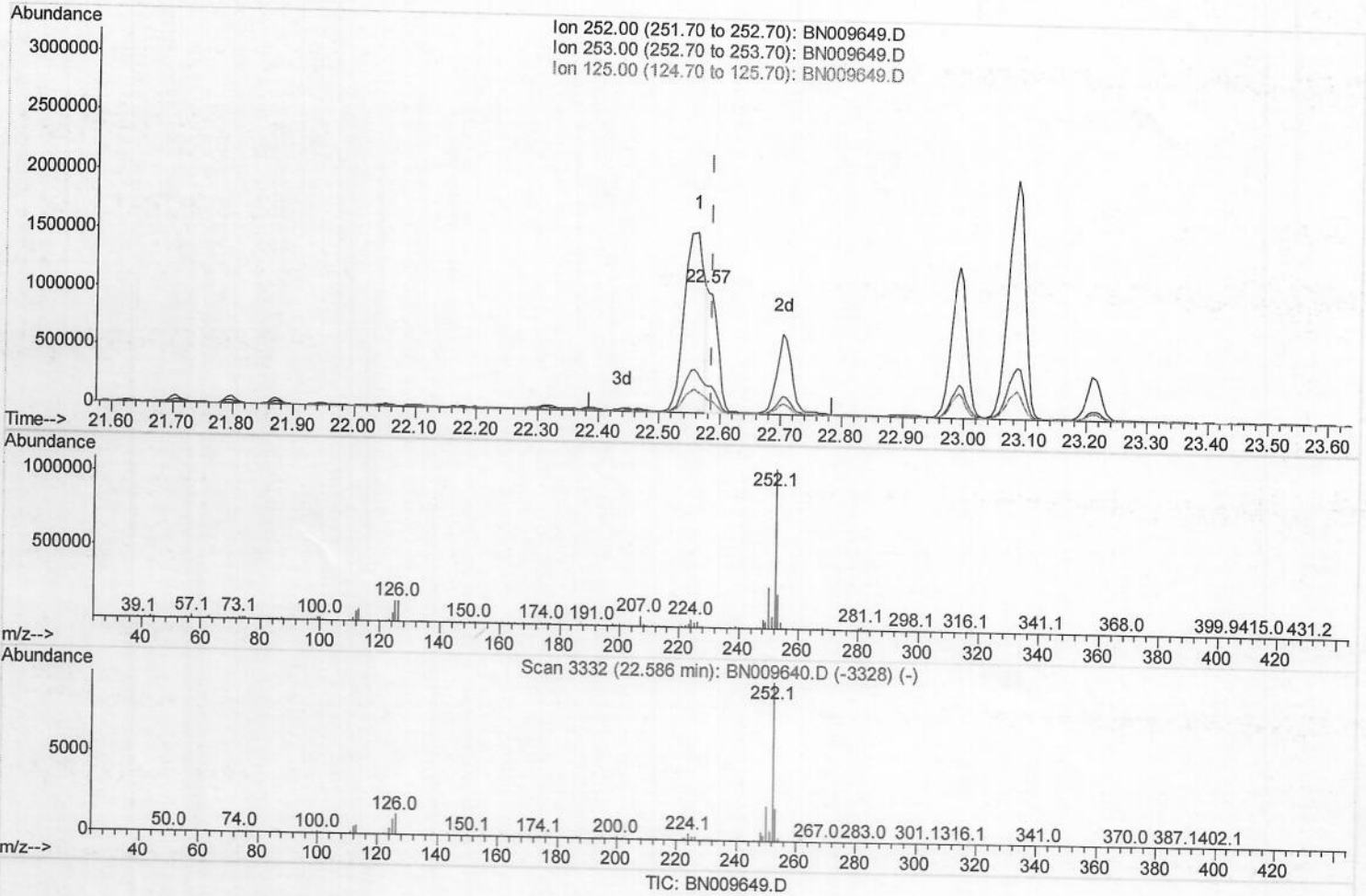
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(88) Benzo(k)fluoranthene

22.574min (-0.012) 25.97ng/ul m

response 1331321

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.08
125.00	10.00	12.88#
0.00	0.00	0.00

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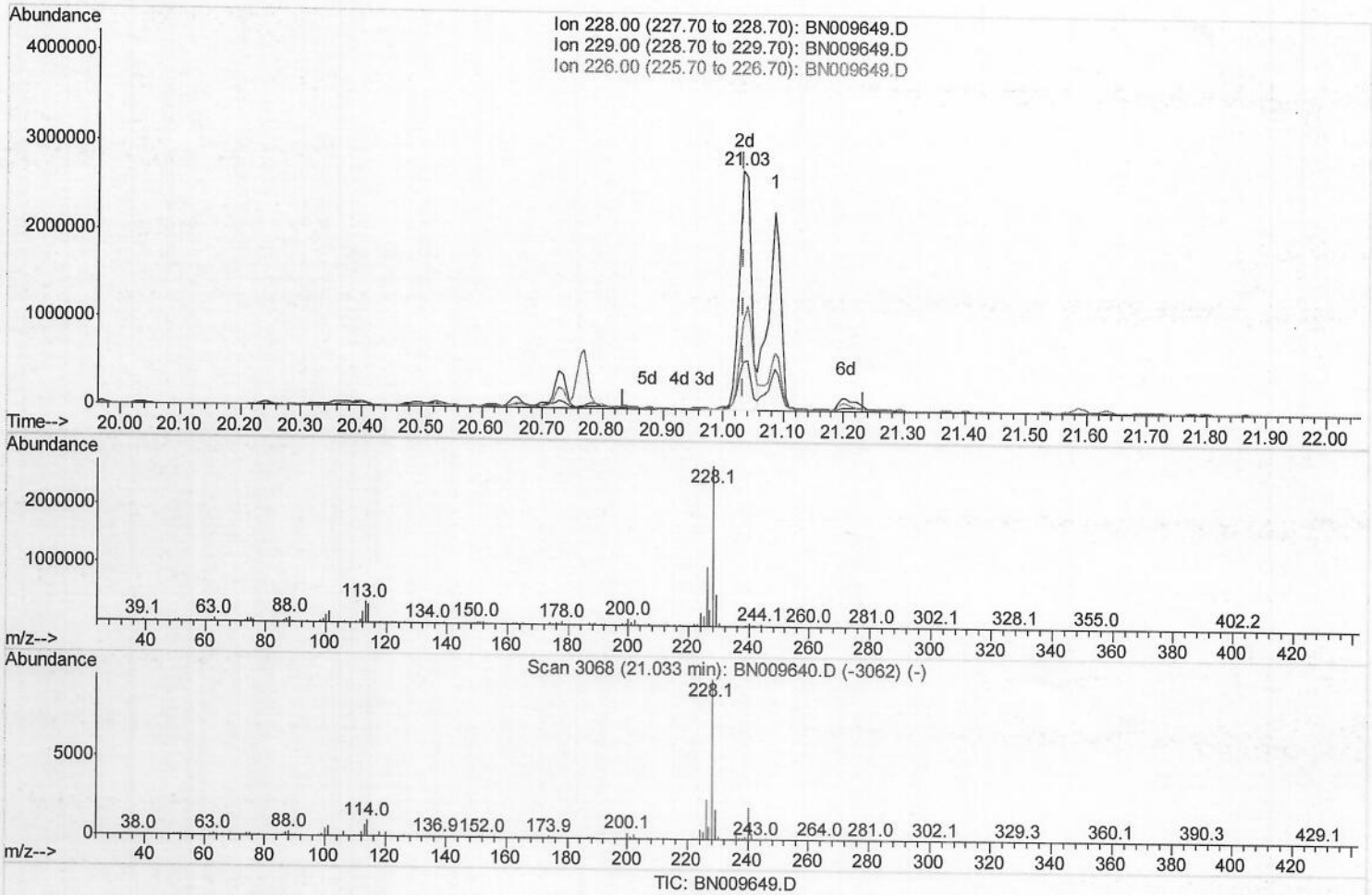
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(82) Benzo(a)anthracene

21.033min (-0.000) 73.17ng/ul m

response 3808131

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.91
226.00	26.10	36.78#
0.00	0.00	0.00

54 02/13/20

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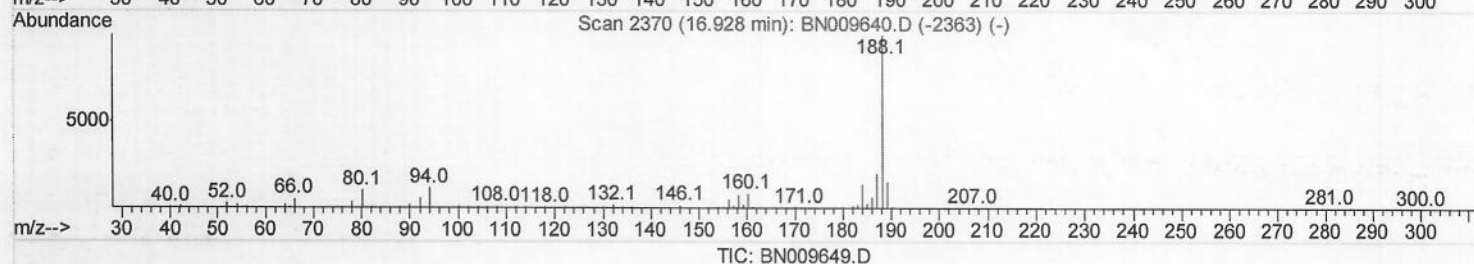
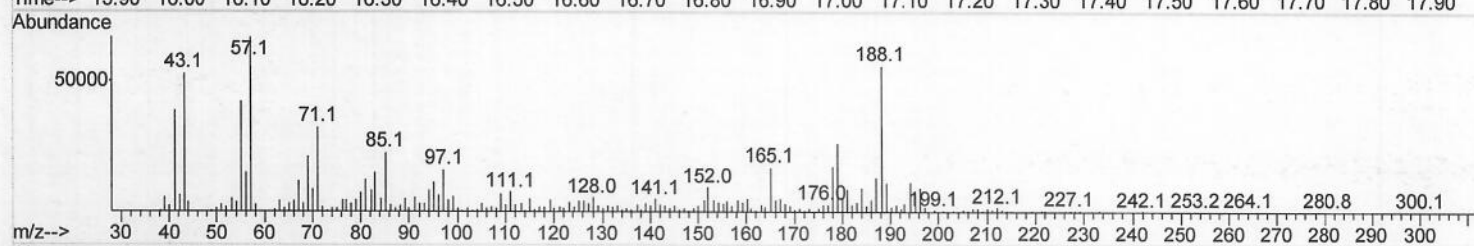
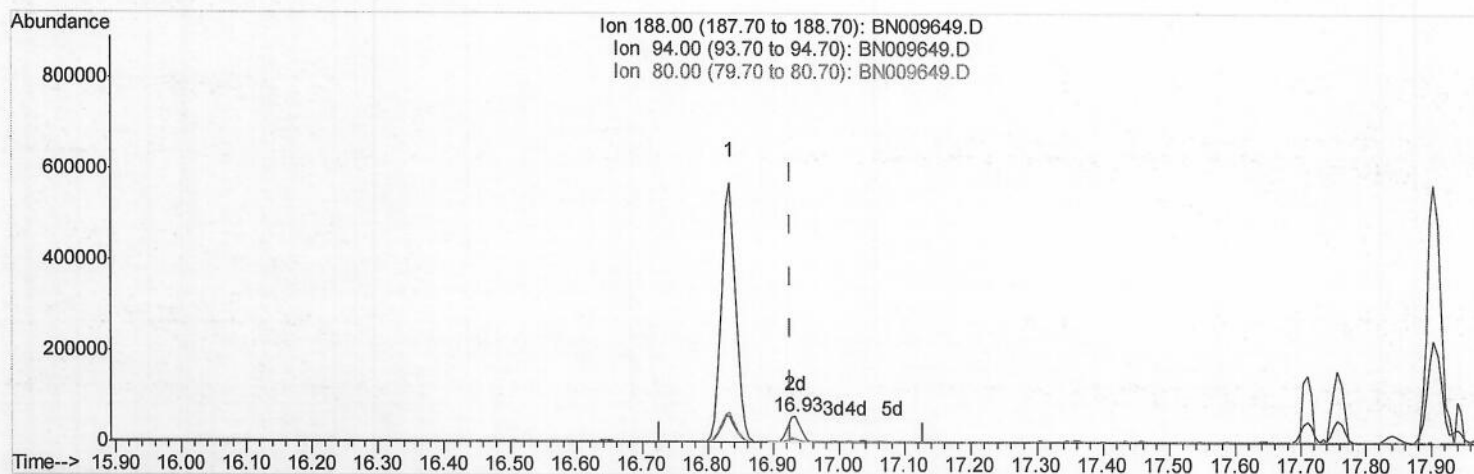
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(70) Anthracene-d10 (S)

16.933min (+0.006) 2.02ng/ul m

response 79786

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	15.04#
80.00	11.10	13.65#
0.00	0.00	0.00

JY 02/13/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	25.24	276	1854989	32.356	ng/ul	93
92) Dibenzo(a,h)anthracene	25.24	278	569879	11.809	ng/ul#	94
93) Benzo(a,h,i)perylene	25.87	276	1942138	40.420	ng/ul	96

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	174358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	737890	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	448873	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	870857	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	753800	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	831868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	592	0.14	ng/uL	0.01
5) Phenol-d5	6.64	99	25225	1.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	19368	1.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	20045	1.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	20123	1.66	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	10911	1.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	9633	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	19332	1.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	13055	1.06	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	63546	1.94	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	71028	1.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	9216	1.49	ng/ul	0.00
57) Fluorene-d10	15.07	176	52745	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	6570	1.21	ng/ul	0.02
70) Anthracene-d10	16.93	188	79786m	2.02	ng/ul	0.00
78) Pyrene-d10	19.24	212	80321	2.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	78842	1.92	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.66	94	27379	1.685	ng/ul#	85
10) 2-Chlorophenol	7.01	128	21070	1.814	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.24	70	20634	2.011	ng/ul	91
28) Naphthalene	10.25	128	15900373	397.359	ng/ul	99
33) 4-Chloro-3-methylphenol	11.50	107	22507	1.658	ng/ul#	1
34) 2-Methylnaphthalene	11.87	142	10602490	378.618	ng/ul	99
40) 1,1'-Biphenyl	12.90	154	1148029	32.849	ng/ul	96
47) Acenaphthylene	13.80	152	6443760	148.719	ng/ul	99
49) Acenaphthene	14.14	153	548731	18.629	ng/ul	97
53) Dibenzofuran	14.47	168	520644	12.693	ng/ul	94
54) 2,4-Dinitrotoluene	14.49	165	42942	4.312	ng/ul#	4
58) Fluorene	15.14	166	3126088	91.194	ng/ul	98
68) Pentachlorophenol	16.50	266	8070	1.422	ng/ul	87
69) Phenanthrene	16.89	178	12422117	250.123	ng/ul	98
71) Anthracene	16.97	178	3221319	63.925	ng/ul	100
74) Carbazole	17.24	167	79589	1.814	ng/ul#	78
76) Fluoranthene	18.91	202	6729483	118.722	ng/ul	99
79) Pyrene	19.28	202	12798617m	232.586	ng/ul	
82) Benzo(a)anthracene	21.03	228	3808131m	73.169	ng/ul	
84) Chrysene	21.09	228	3240620	62.544	ng/ul	99
87) Benzo(b)fluoranthene	22.56	252	3600048m	69.170	ng/ul	
88) Benzo(k)fluoranthene	22.57	252	1331321m	25.974	ng/ul	
90) Benzo(a)pyrene	23.09	252	3850080	79.842	ng/ul	97

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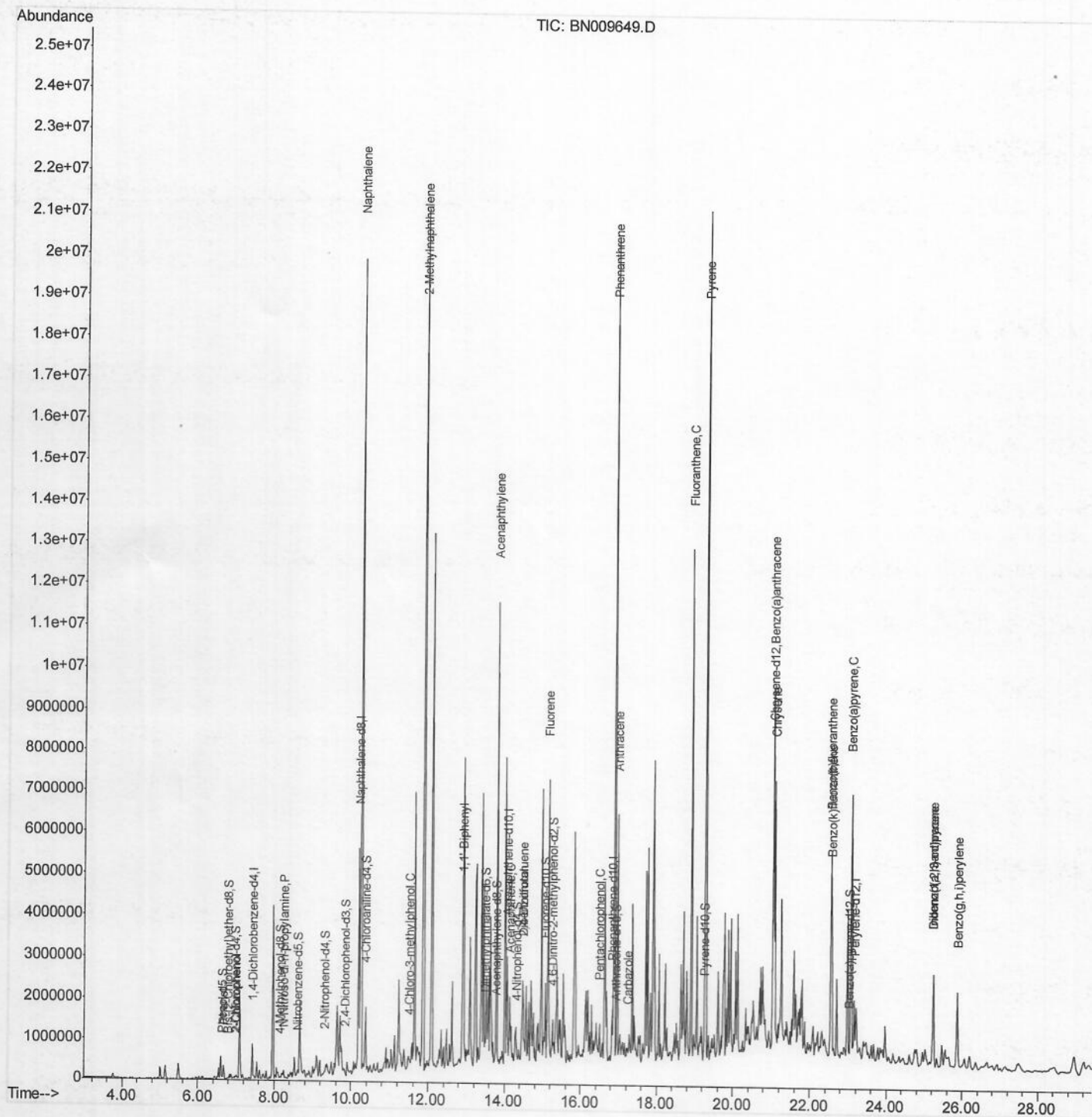
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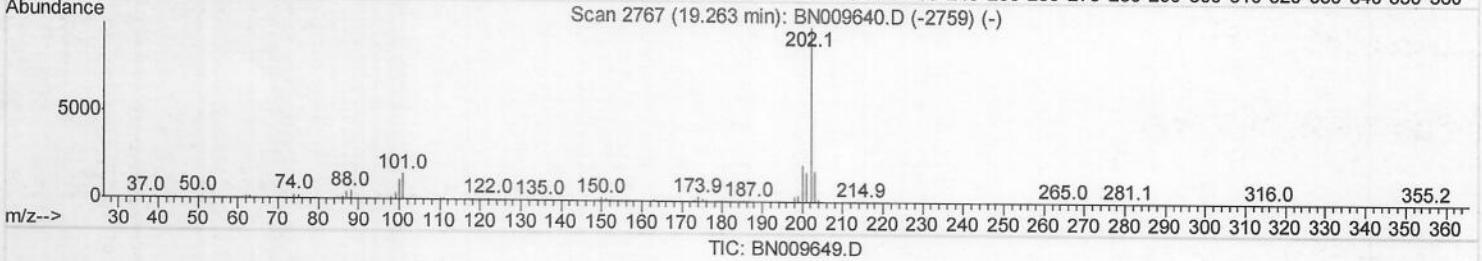
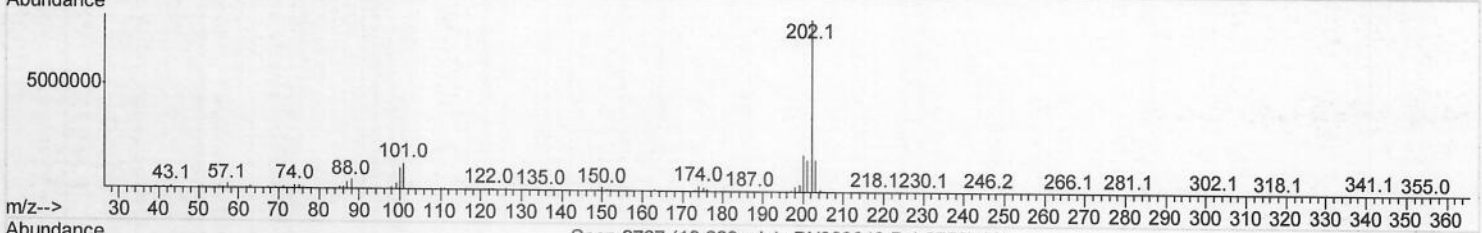
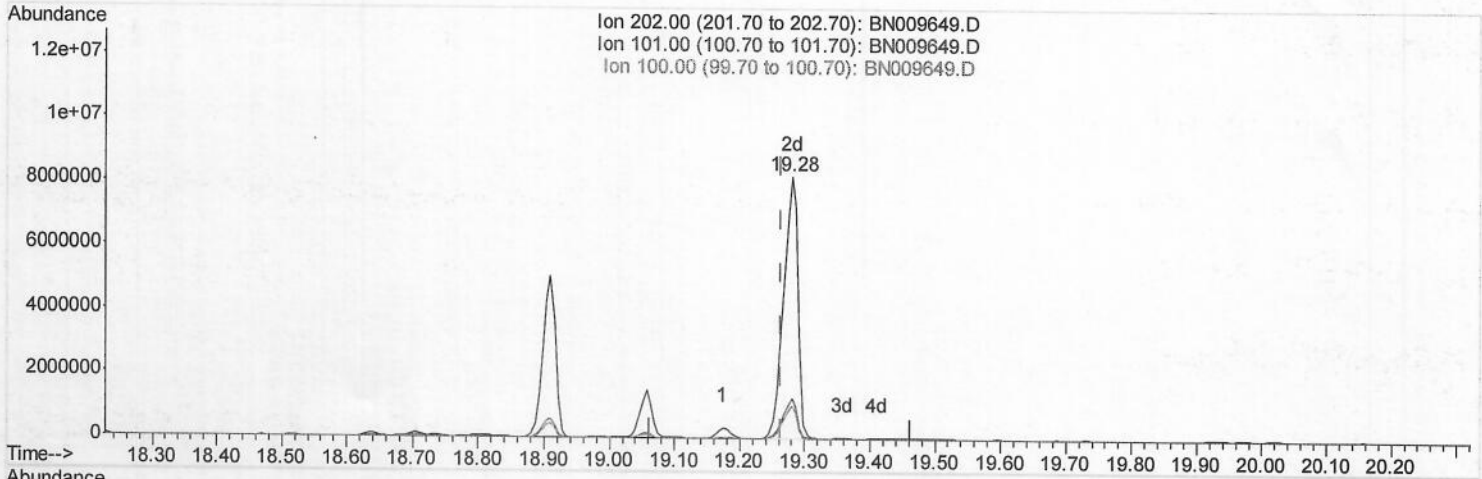
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(79) Pyrene

19.280min (+0.018) 232.59ng/ul m

response 12798617

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	15.40
100.00	10.50	12.65#
0.00	0.00	0.00

54 02/13/20

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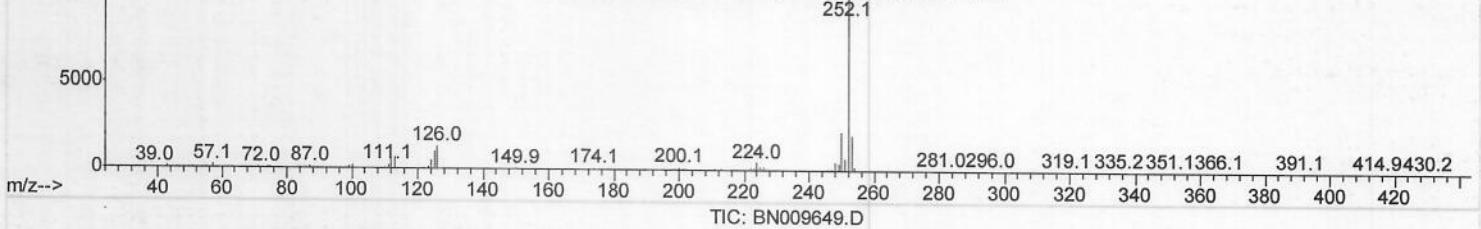
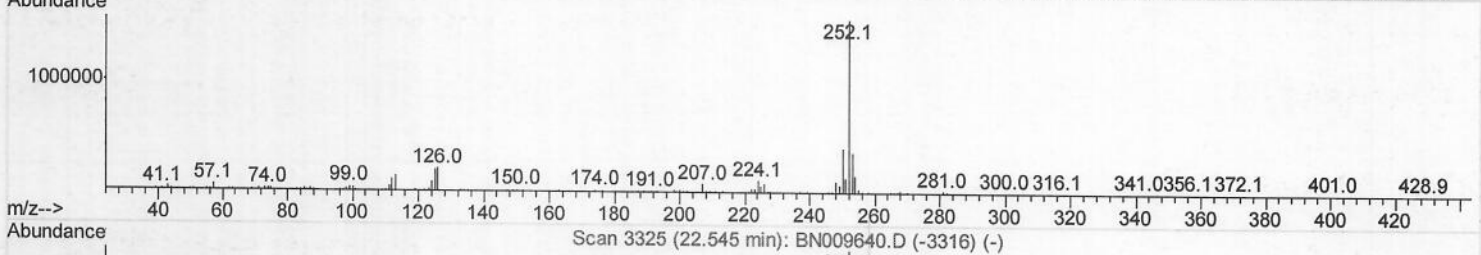
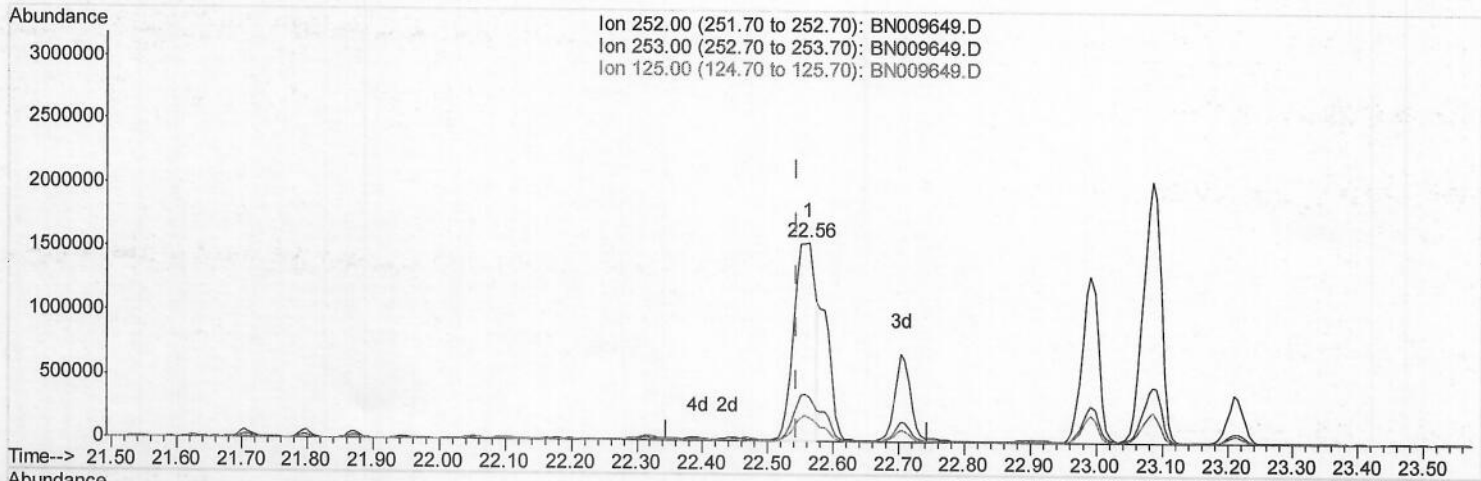
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(87) Benzo(b)fluoranthene
 22.563min (+0.018) 69.17ng/ul m
 response 3600048

54 02/13/20

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	22.42
125.00	10.20	12.23
0.00	0.00	0.00

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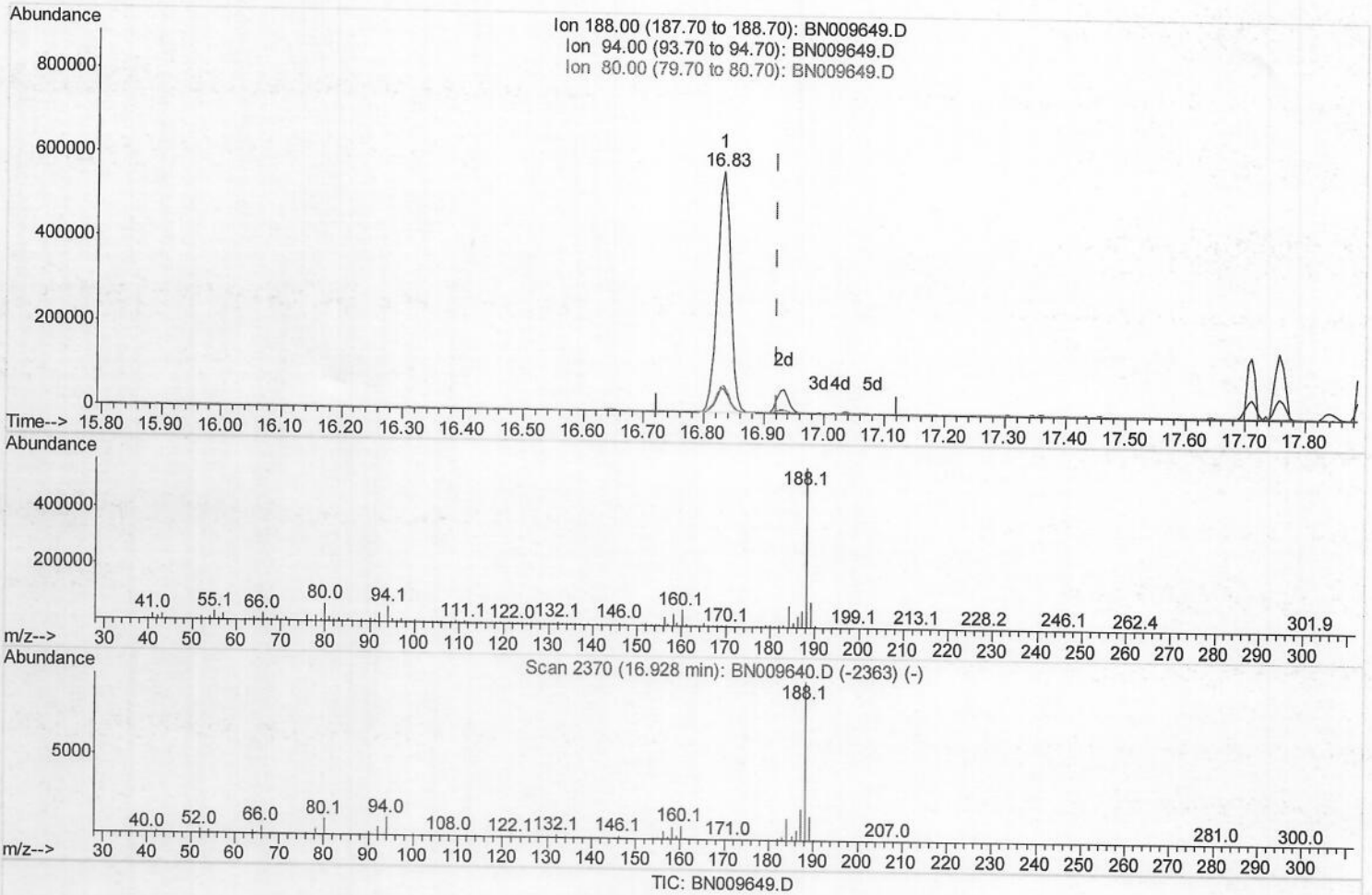
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(70) Anthracene-d10 (S)

16.834min (-0.088) 21.98ng/ul

response 869892

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	9.90
80.00	11.10	11.19
0.00	0.00	0.00

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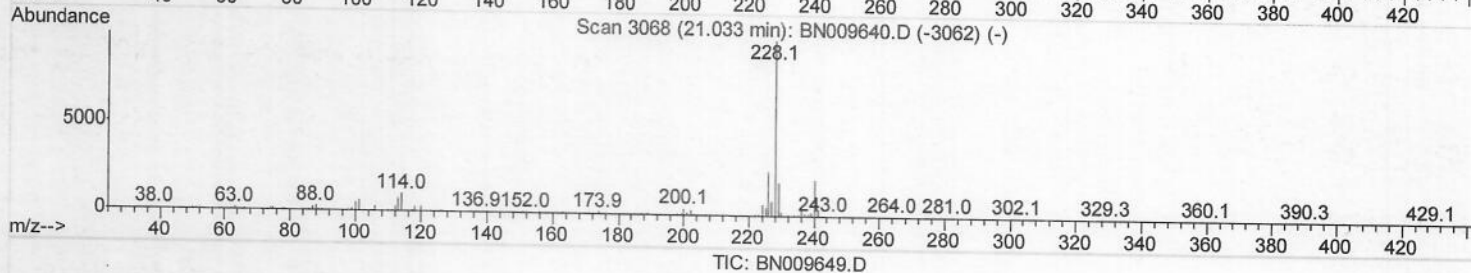
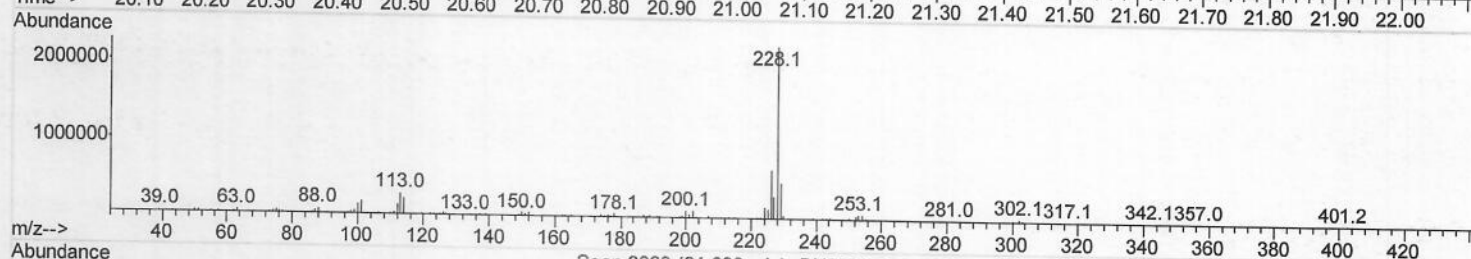
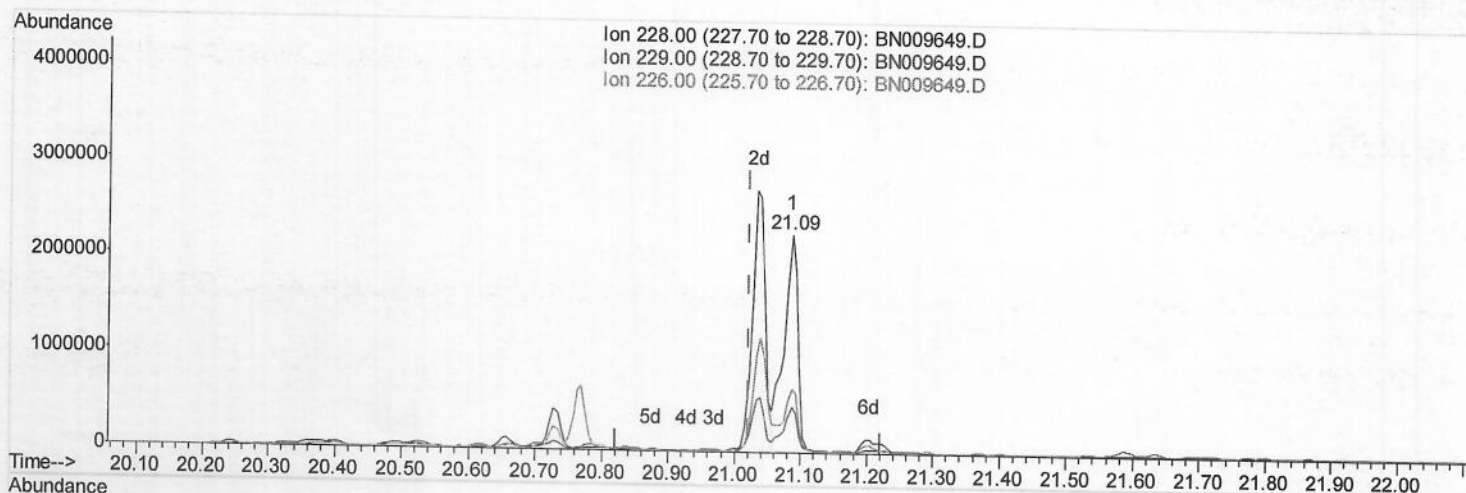
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(82) Benzo(a)anthracene

21.086min (+0.065) 62.24ng/ul

response 3239279

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.97
226.00	26.10	29.12
0.00	0.00	0.00

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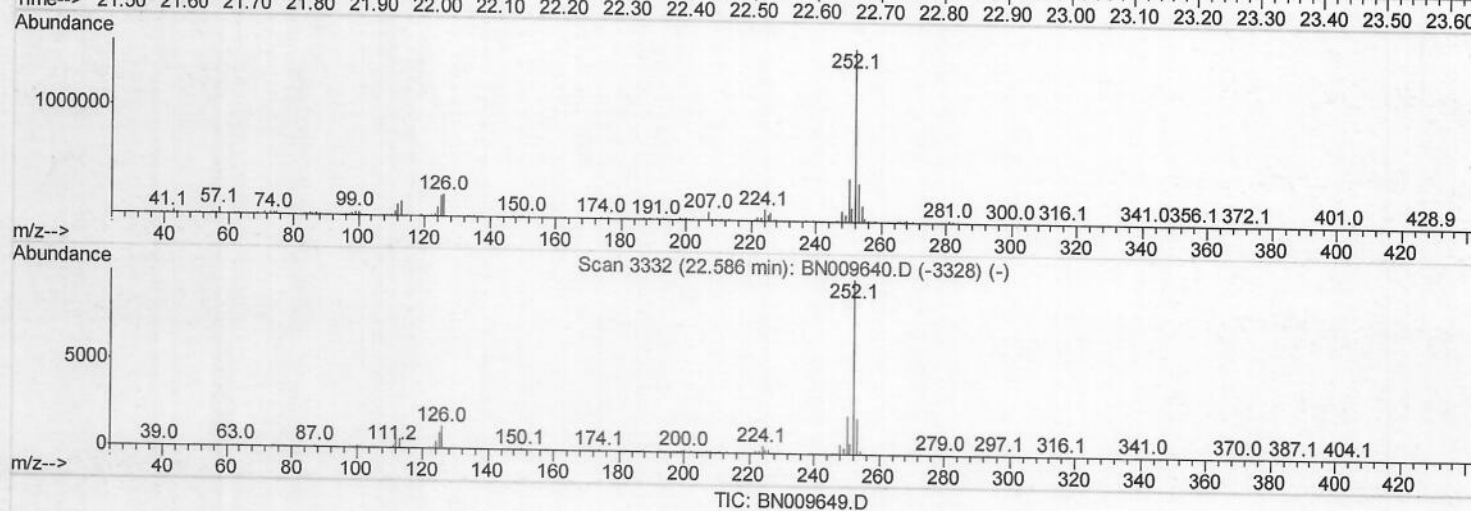
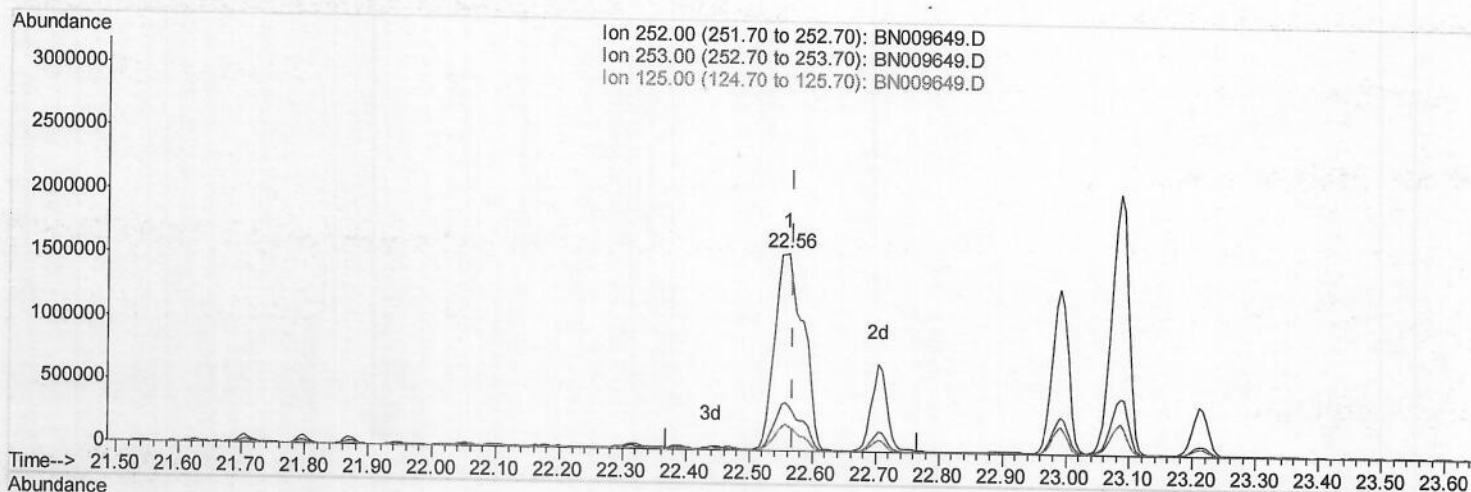
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(88) Benzo(k)fluoranthene
 22.563min (-0.006) 94.93ng/ui
 response 4862998

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.42
125.00	10.00	12.23#
0.00	0.00	0.00