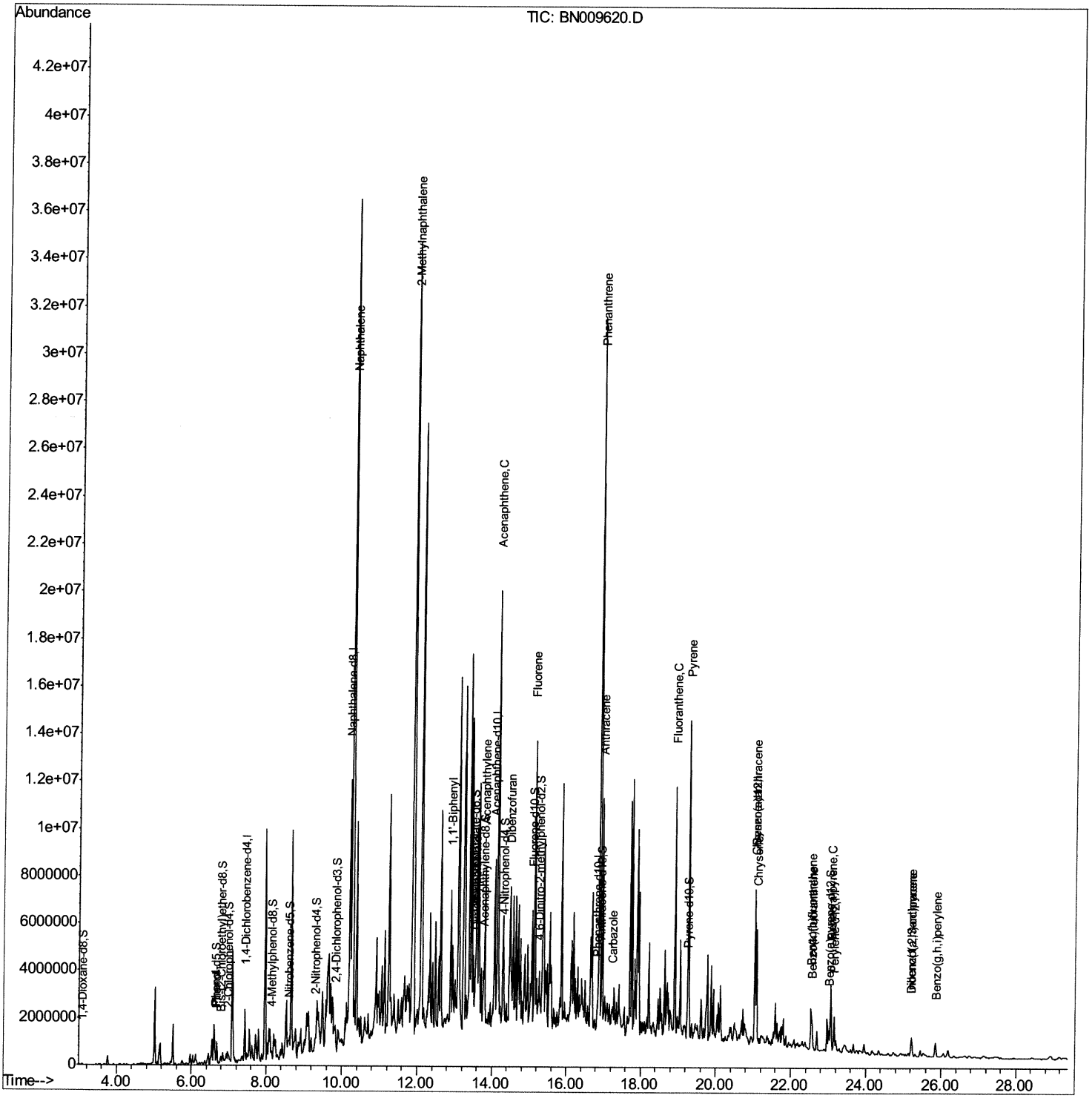
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009620.D
Acq On : 06 Feb 2020 21:35
Operator : CG/JU
Sample : L1324-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 07 03:00:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT67

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:38 AM



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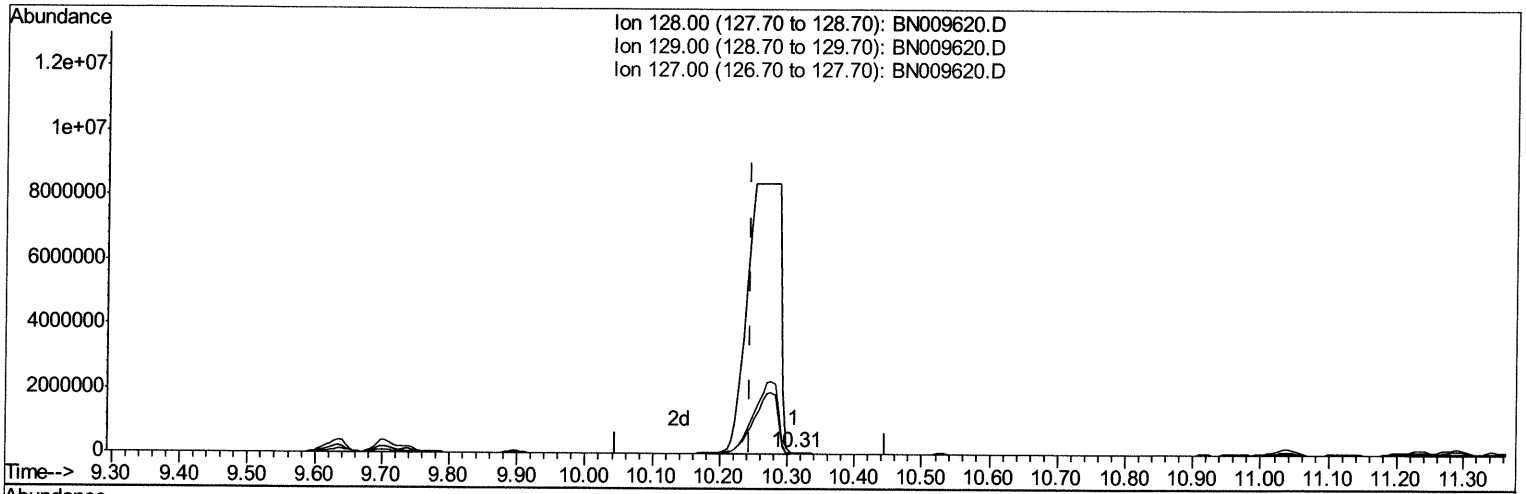

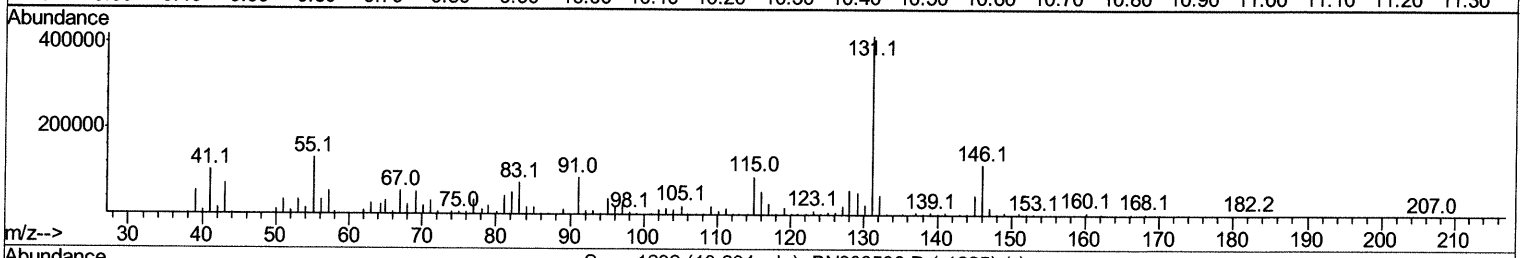

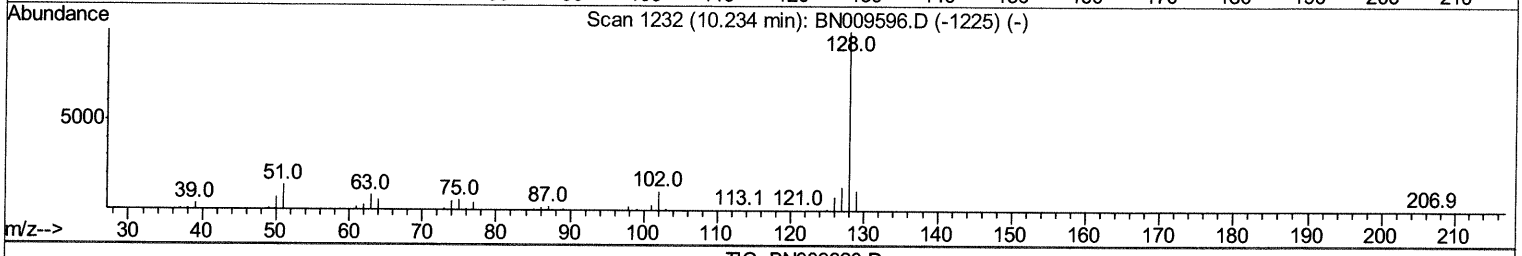

TIC: BN009620.D

(28) Naphthalene

10.310min (+0.065) 1.65ng/ul

response 71111

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	92.34#
127.00	13.40	37.16#
0.00	0.00	0.00

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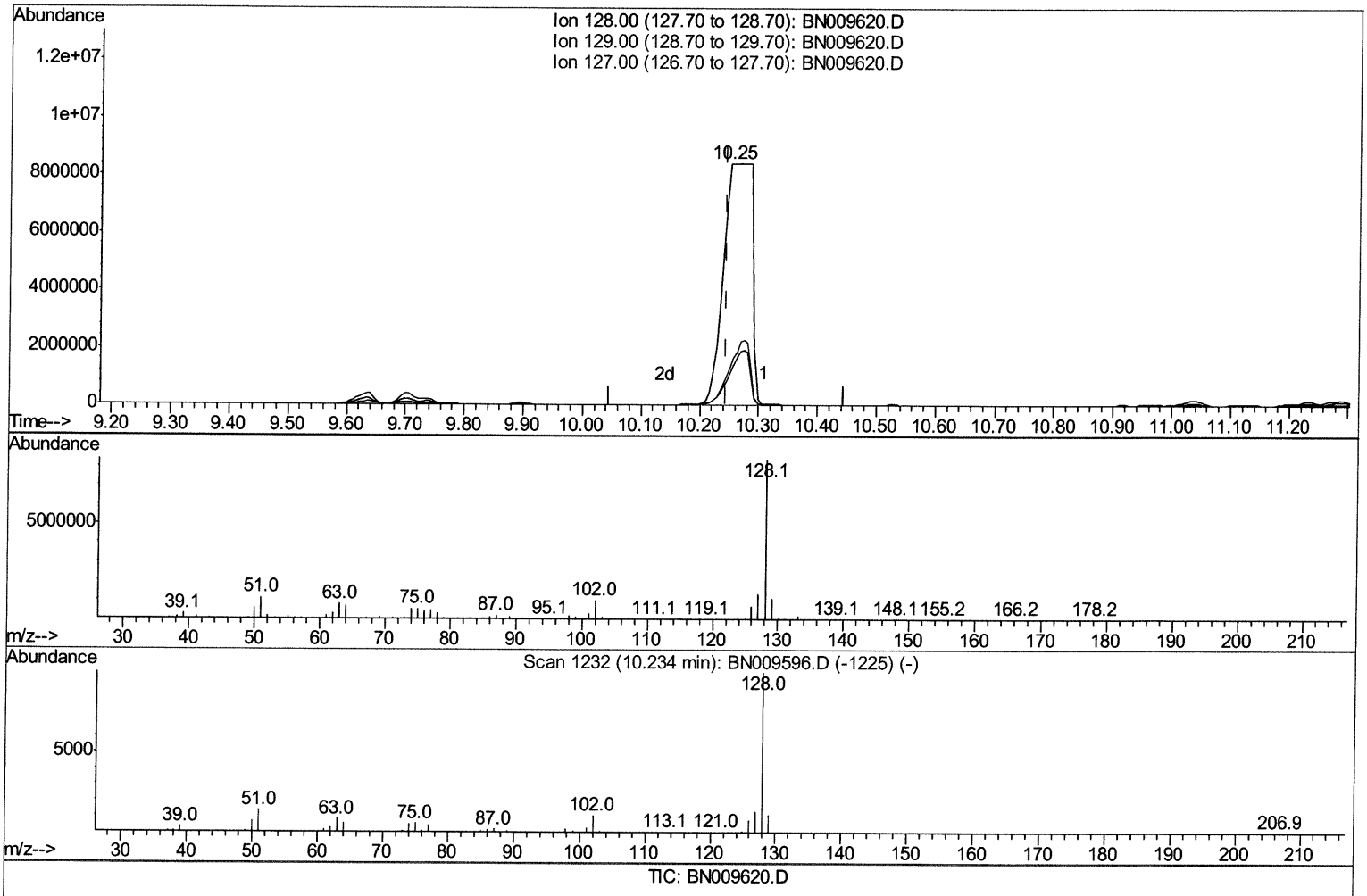

TIC: BN009620.D

(28) Naphthalene

10.252min (+0.006) 661.58ng/ul m JU 02/13/20

response 28566079

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	13.36#
127.00	13.40	15.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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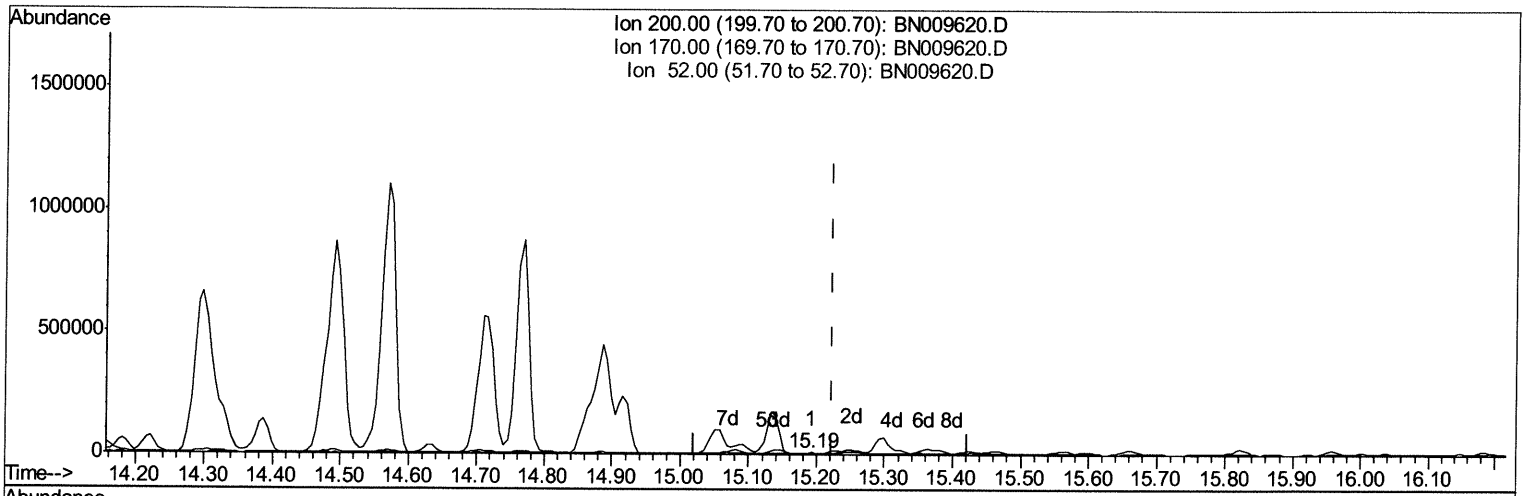

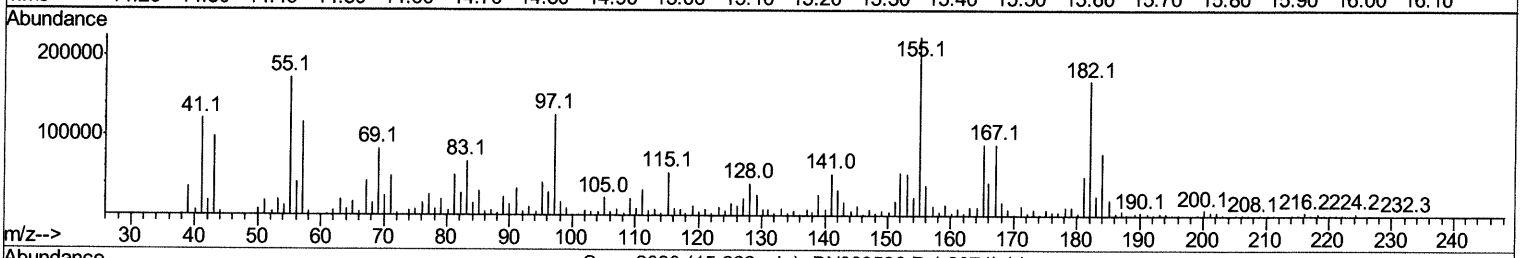

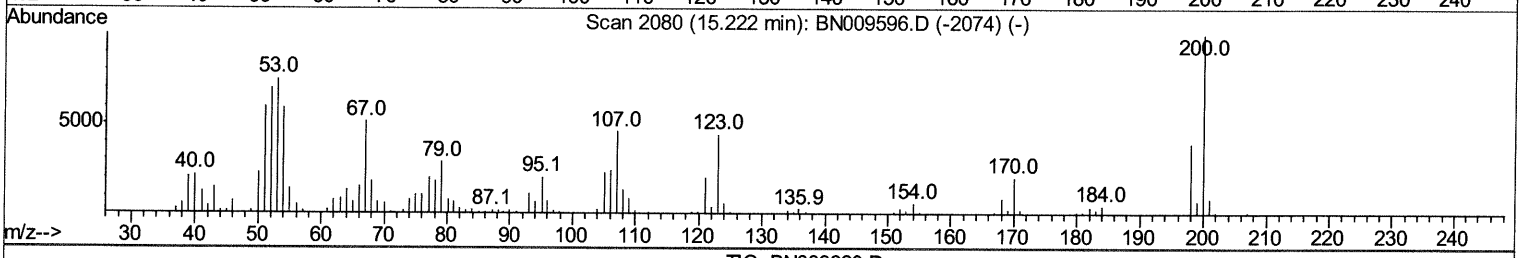

TIC: BN009620.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.192min (-0.029) 1.12ng/ul

response 6643

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	24.02
52.00	68.10	58.53
0.00	0.00	0.00

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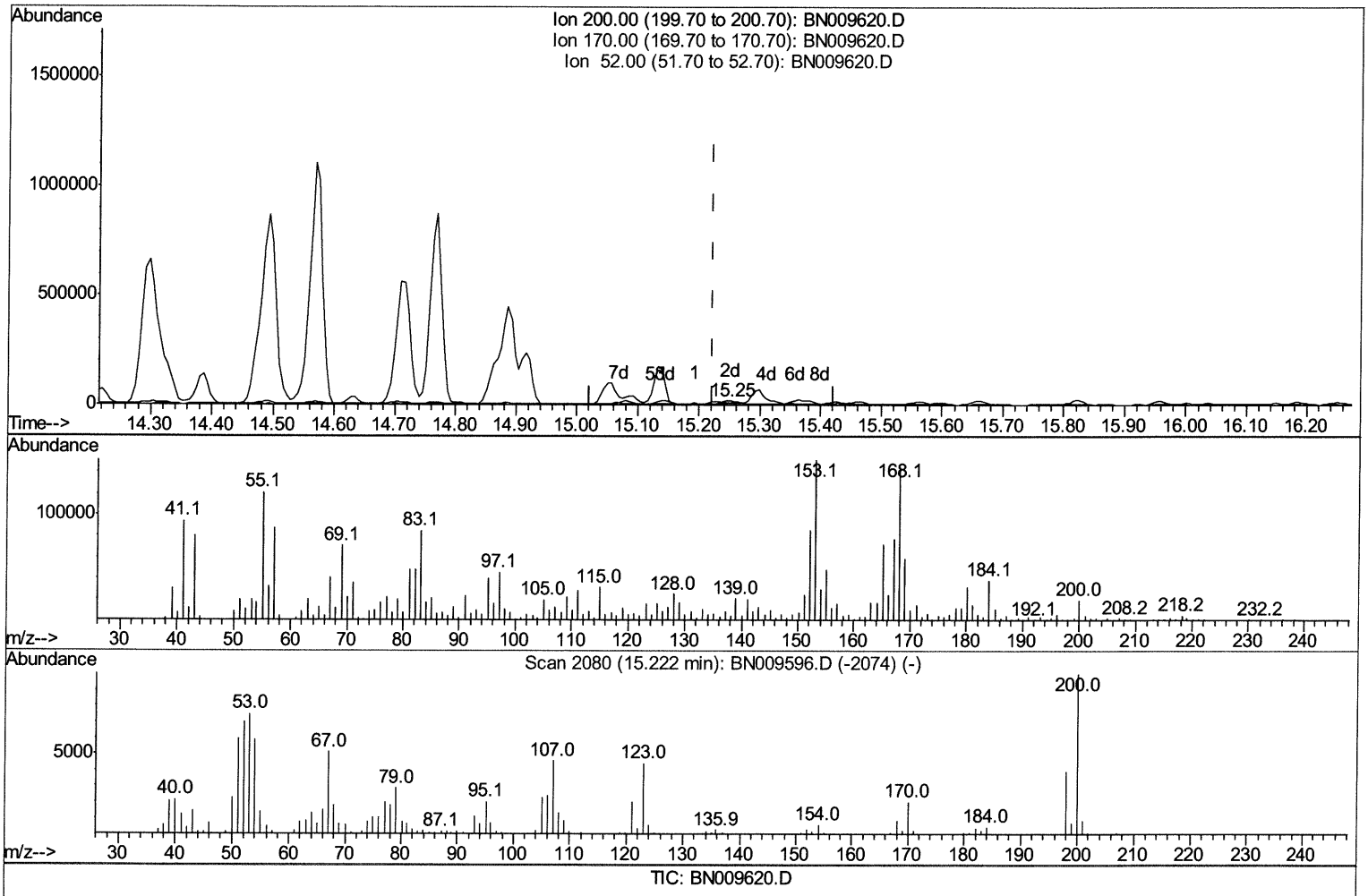

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.251min (+0.030) 4.19ng/ul m JU 02/13/20

response 24753

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	53.08#
52.00	68.10	56.42
0.00	0.00	0.00

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ClientSampleId :
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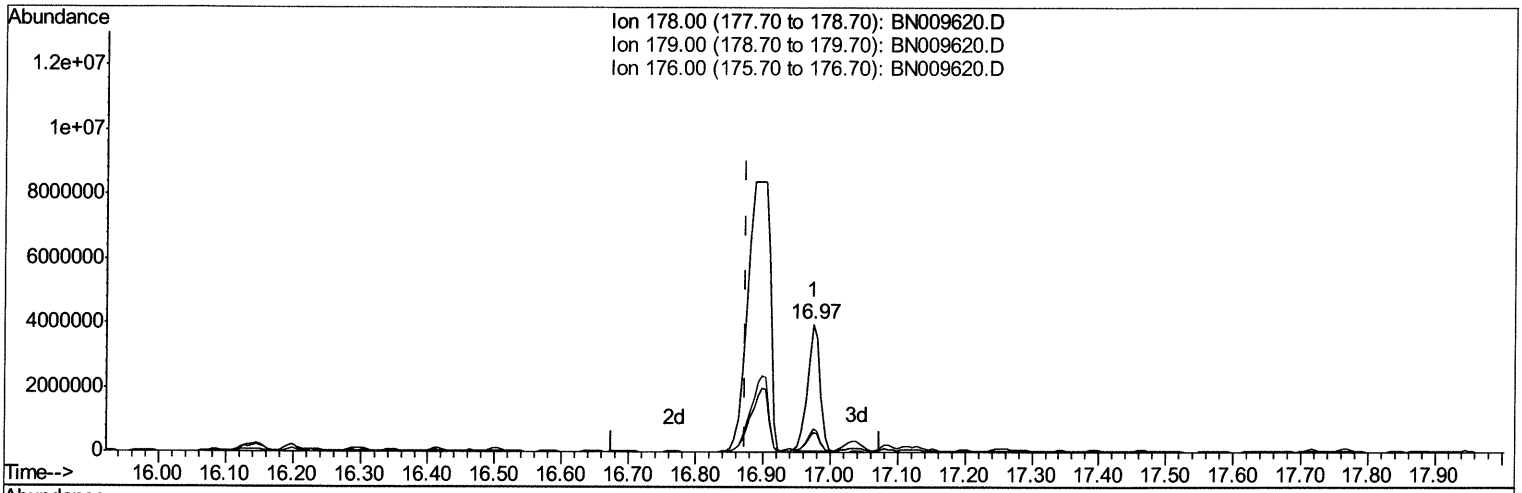

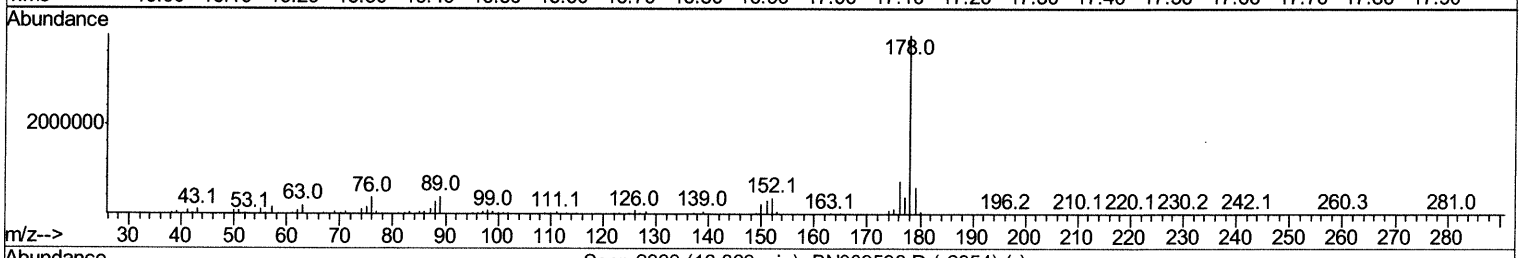

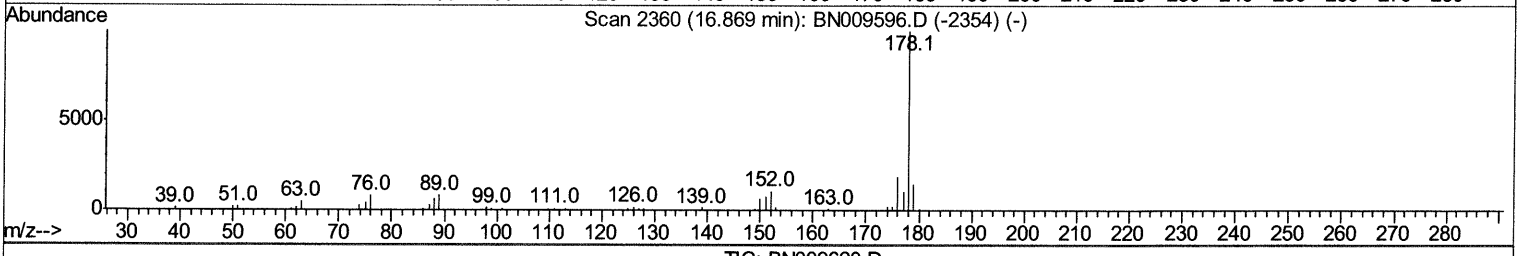

TIC: BN009620.D

(69) Phenanthrene

16.975min (+0.100) 96.83ng/ul

response 5220907

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.41
176.00	18.50	18.18
0.00	0.00	0.00

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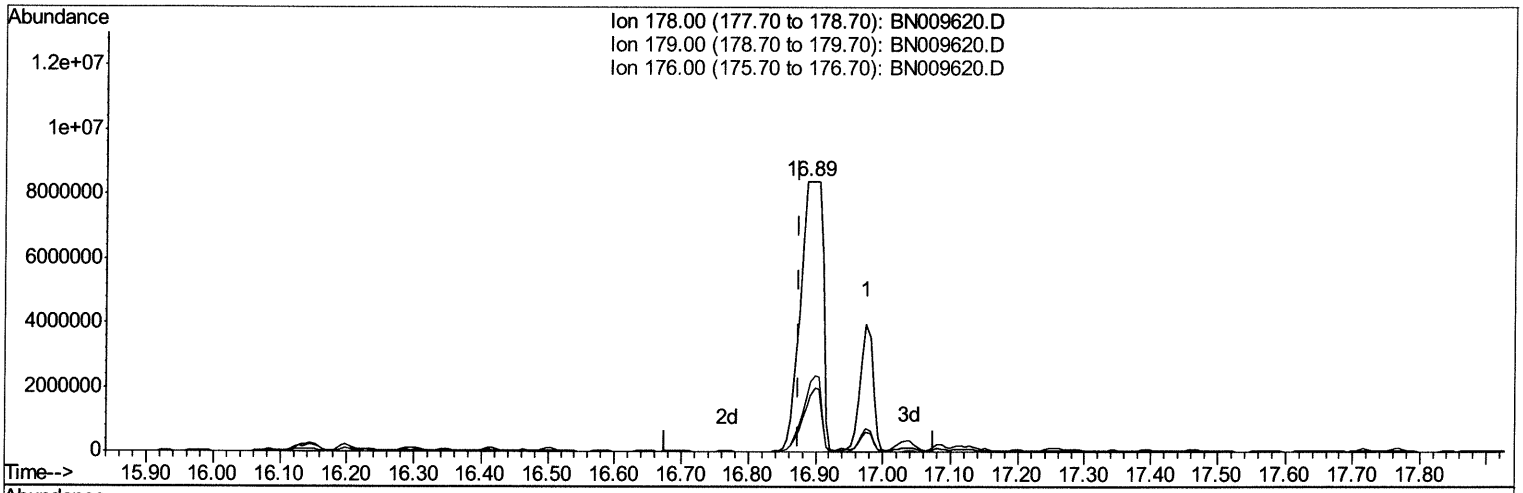

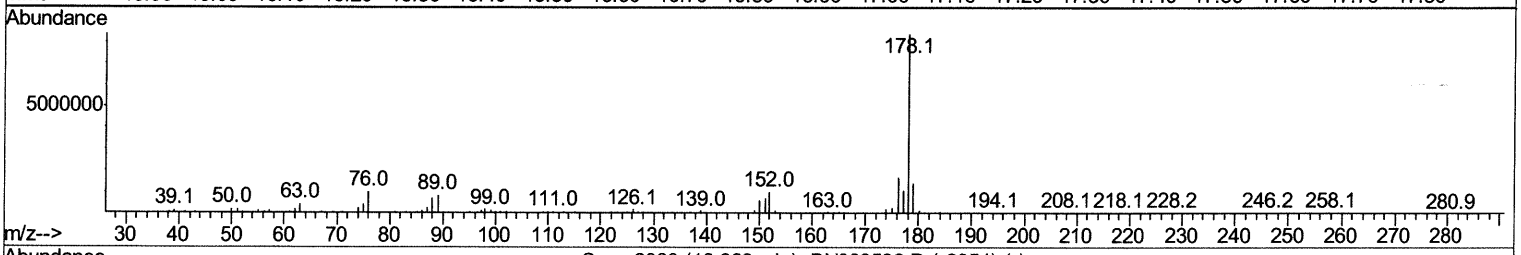

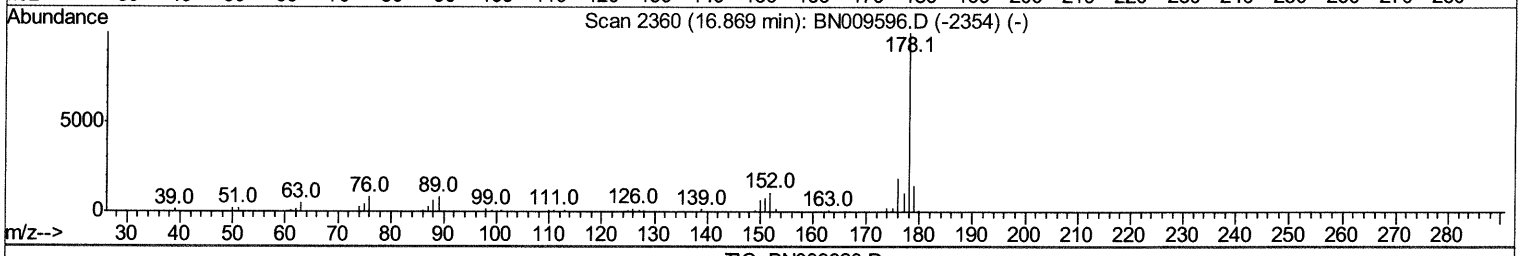

TIC: BN009620.D

(69) Phenanthrene

16.887min (+0.012) 362.95ng/ul m JU 02/13/20

response 19570402

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.60
176.00	18.50	20.01
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_N
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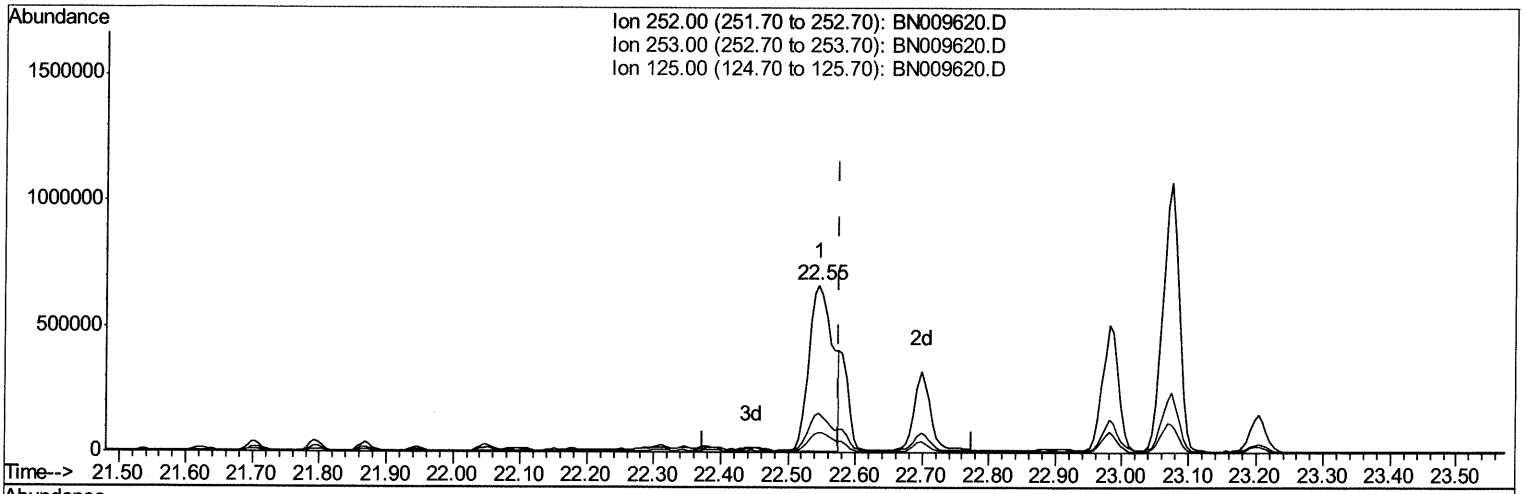

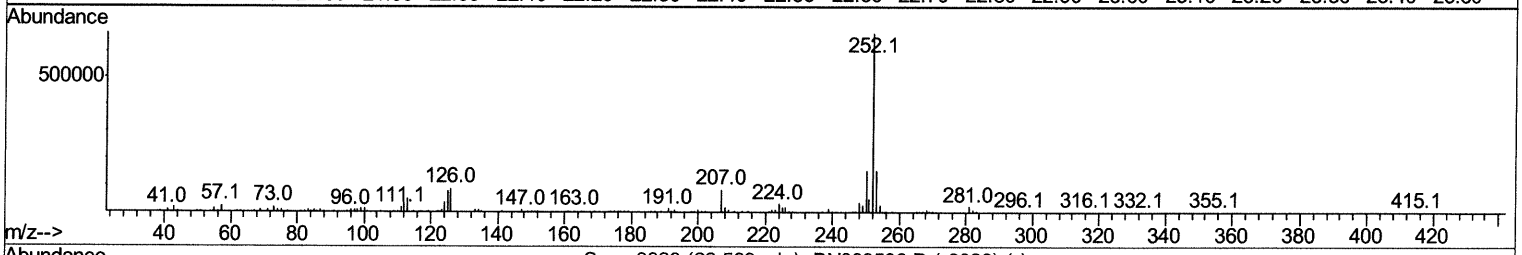

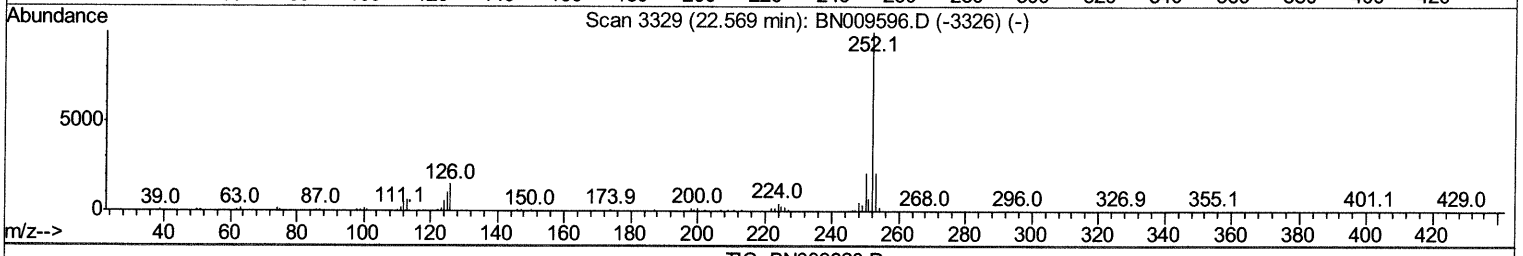

TIC: BN009620.D

(88) Benzo(k)fluoranthene

22.545min (-0.029) 28.07ng/ul

response 1646456

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.54
125.00	10.00	11.90
0.00	0.00	0.00

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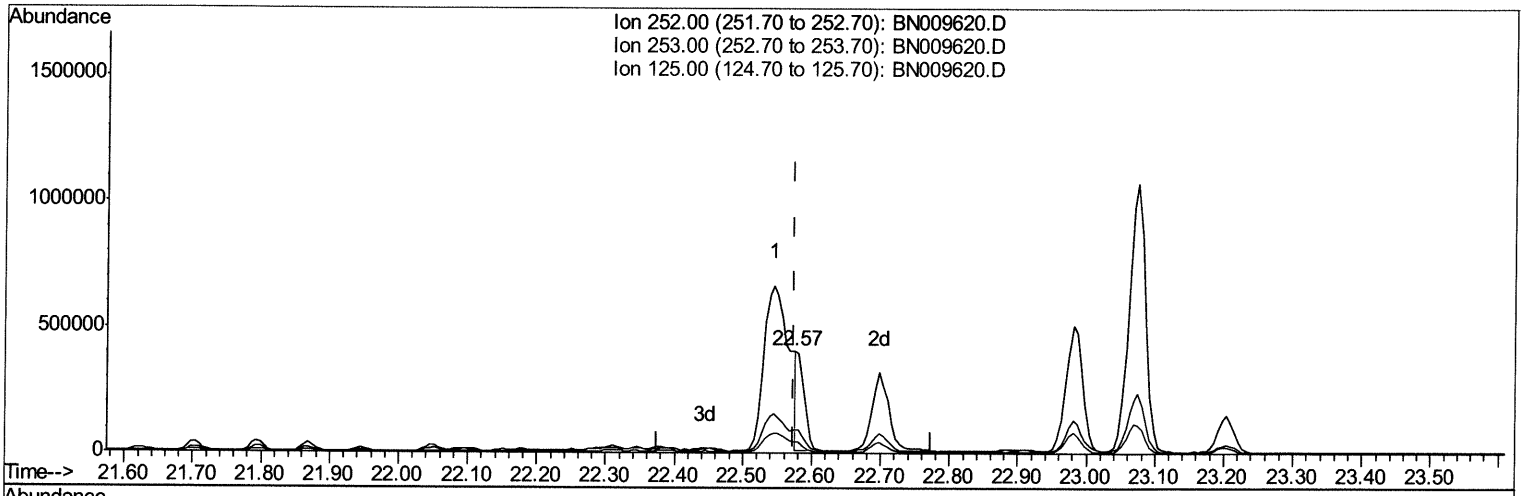

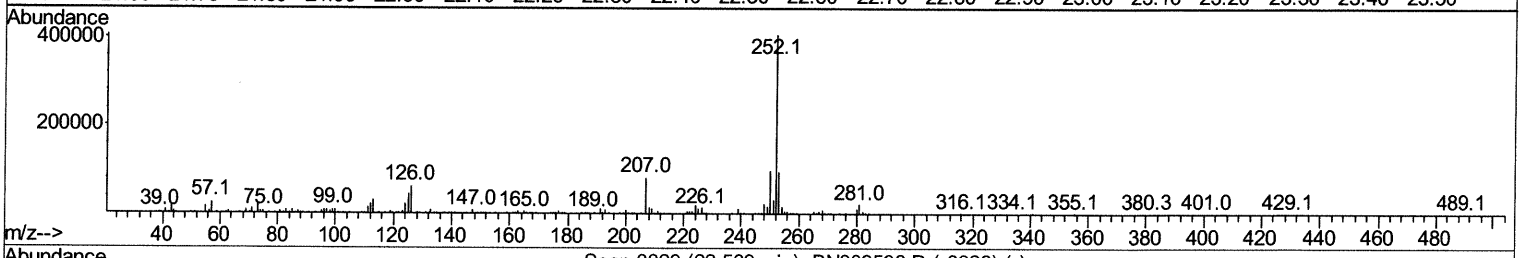

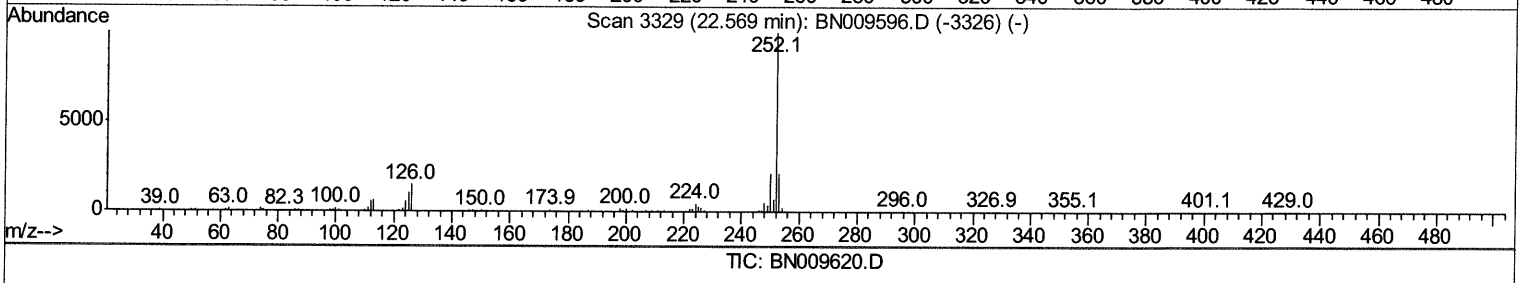

TIC: BN009620.D

(88) Benzo(k)fluoranthene

22.574min (+0.000) 5.24ng/ul m JU 02/13/20

response 307562

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.04
125.00	10.00	11.38
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.43	152	194824	20.00	ng/ul	-0.01	
18) Naphthalene-d8	10.20	136	796220	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.08	164	523645	20.00	ng/ul	0.00	
61) Phenanthrene-d10	16.84	188	945497	20.00	ng/ul	0.00	
77) Chrysene-d12	21.05	240	847913	20.00	ng/ul	0.00	
85) Perylene-d12	23.16	264	951821	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.08	96	7741	1.63	ng/uL	0.00	
5) Phenol-d5	6.64	99	176662	10.40	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.79	67	149339	13.08	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.98	132	138128	11.04	ng/ul	0.00	
13) 4-Methylphenol-d8	8.15	113	134485	9.94	ng/ul	0.00	
19) Nitrobenzene-d5	8.58	128	76155	12.86	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.29	143	74556	11.28	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.83	165	135493	10.94	ng/ul	0.00	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul		
43) Dimethylphthalate-d6	13.50	166	420755	11.01	ng/ul	0.00	
46) Acenaphthylene-d8	13.77	160	506056	10.96	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.32	143	71643	9.92	ng/ul	0.00	
57) Fluorene-d10	15.09	176	377935	11.24	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.25	200	24753m >	4.19	ng/ul >	0.03	JU 02/13/20
70) Anthracene-d10	16.94	188	542340	12.62	ng/ul	0.00	
78) Pyrene-d10	19.24	212	593824	13.32	ng/ul	0.00	
89) Benzo(a)pyrene-d12	23.03	264	598222	12.76	ng/ul	0.00	
Target Compounds						Qvalue	
6) Phenol	6.66	94	19823	1.092	ng/ul#	70	
28) Naphthalene	10.25	128	28566079m >	661.584	ng/ul >		JU02/13/20
34) 2-Methylnaphthalene	11.89	142	19953724	660.353	ng/ul	93	
40) 1,1'-Biphenyl	12.90	154	2408342	59.070	ng/ul	98	
44) Dimethylphthalate	13.55	163	55904	1.378	ng/ul#	88	
47) Acenaphthylene	13.80	152	1495874	29.594	ng/ul#	92	
49) Acenaphthene	14.16	153	7429187	216.203	ng/ul	98	
53) Dibenzofuran	14.49	168	1037180	21.676	ng/ul	88	
58) Fluorene	15.15	166	5133191	128.363	ng/ul	99	
69) Phenanthrene	16.89	178	19570402m >	362.948	ng/ul >		JU02/13/20
71) Anthracene	16.97	178	5220907	95.427	ng/ul	100	
74) Carbazole	17.24	167	412137	8.652	ng/ul#	91	
76) Fluoranthene	18.91	202	5402465	87.787	ng/ul	100	
79) Pyrene	19.27	202	7947655	128.400	ng/ul	96	
82) Benzo(a)anthracene	21.03	228	2685913	45.879	ng/ul#	80	
84) Chrysene	21.09	228	2390294	41.013	ng/ul	96	
87) Benzo(b)fluoranthene	22.55	252	1646456	27.648	ng/ul	95	
88) Benzo(k)fluoranthene	22.57	252	307562m >	5.244	ng/ul >		JU02/13/20
90) Benzo(a)pyrene	23.07	252	1804371	32.703	ng/ul	96	
91) Indeno(1,2,3-cd)pyrene	25.22	276	631340	9.624	ng/ul	95	
92) Dibenzo(a,h)anthracene	25.23	278	210048	3.804	ng/ul	94	
93) Benzo(g,h,i)perylene	25.85	276	607905	11.057	ng/ul	94	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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