

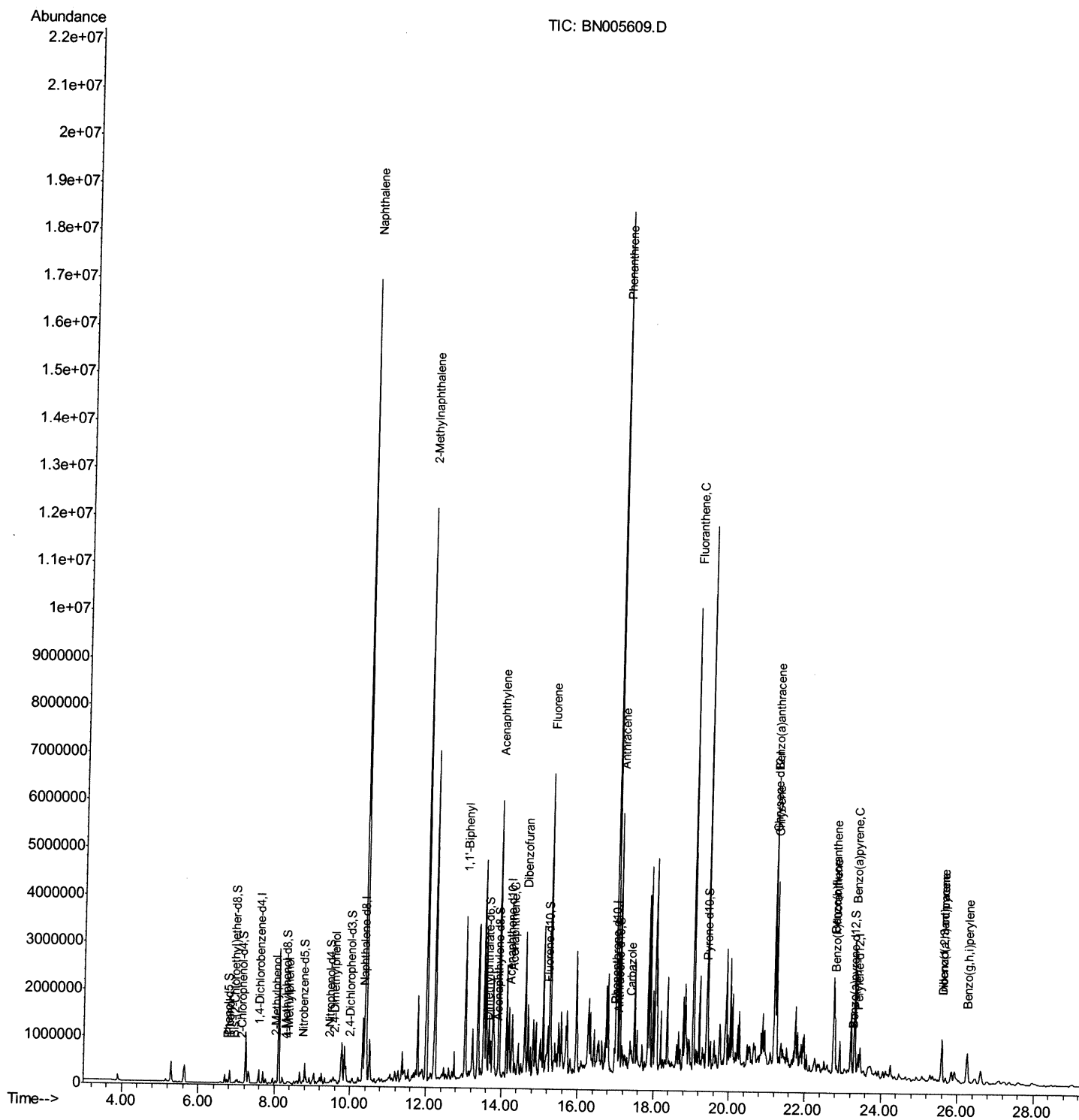
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005609.D
Acq On : 11 May 2019 03:45
Operator : JU/SJ
Sample : K2604-01 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ75

Manual Integrations
APPROVED

mohammad
5/13/2019 8:26:52 AM

Quant Time: May 11 06:39:51 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



Quantitation Report (Qedit)

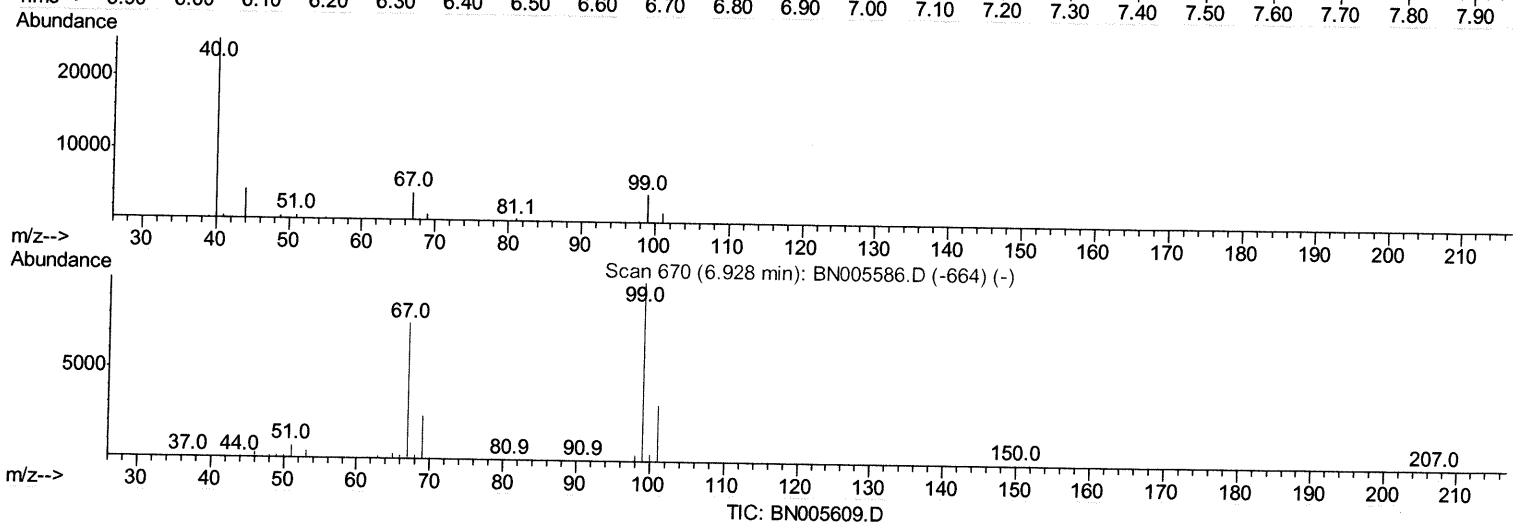
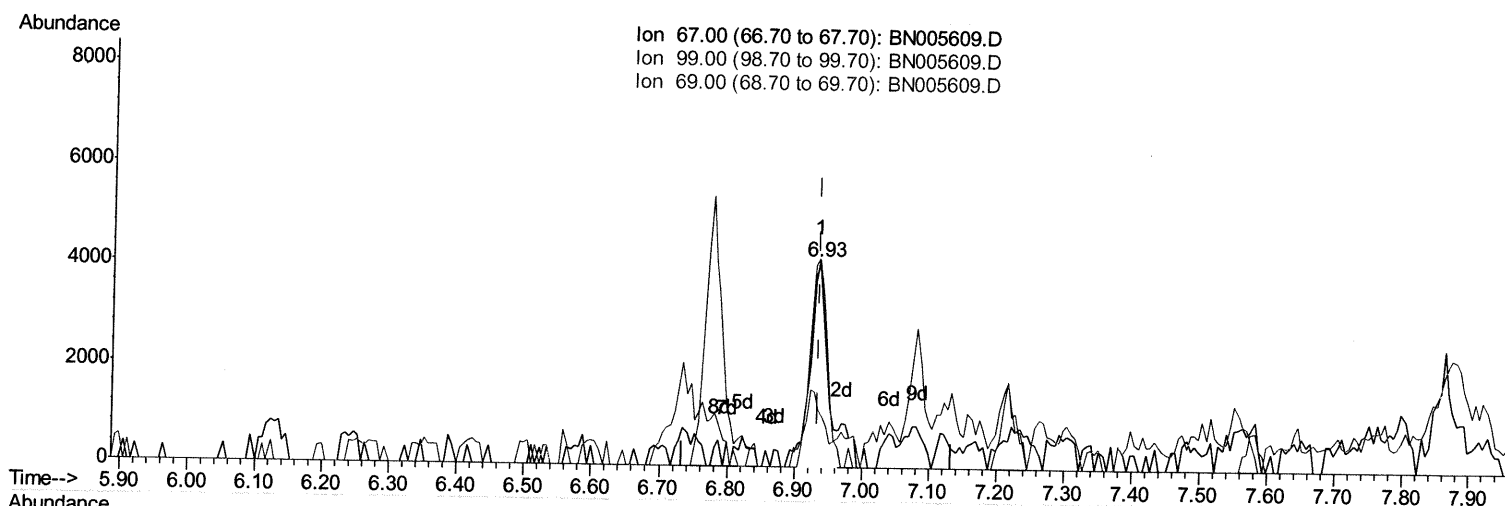
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Quant Time: May 11 06:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.934min (+0.000) 1.79ng/ul

response 7306

Ion	Exp%	Act%
67.00	100	100
99.00	119.30	101.58
69.00	30.60	28.24
0.00	0.00	0.00

Quantitation Report (Qedit)

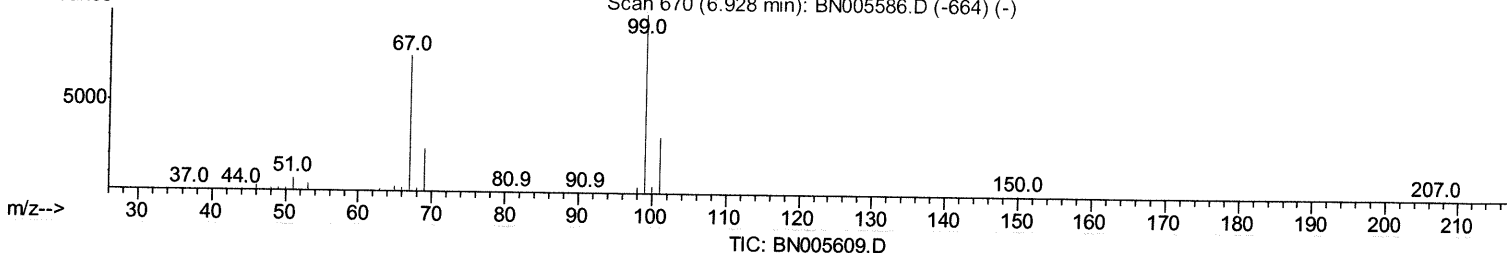
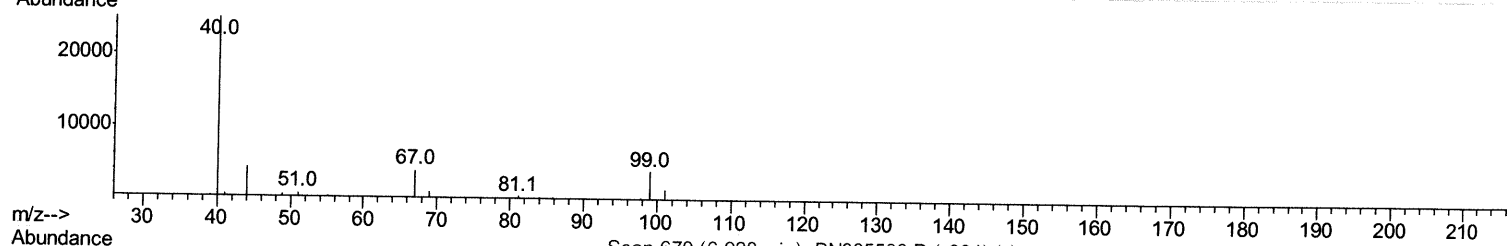
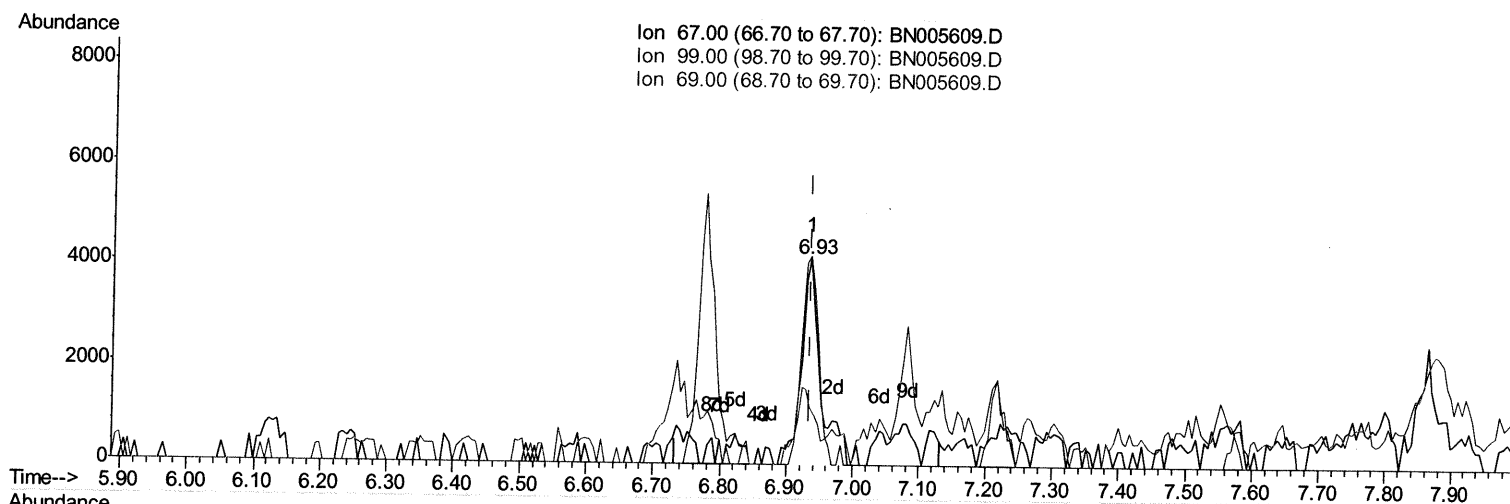
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.934min (+0.000) 2.04ng/ul m ⁵⁰051519

response 8362

Ion	Exp%	Act%
67.00	100	100
99.00	119.30	101.58
69.00	30.60	28.24
0.00	0.00	0.00

Quantitation Report (Qedit)

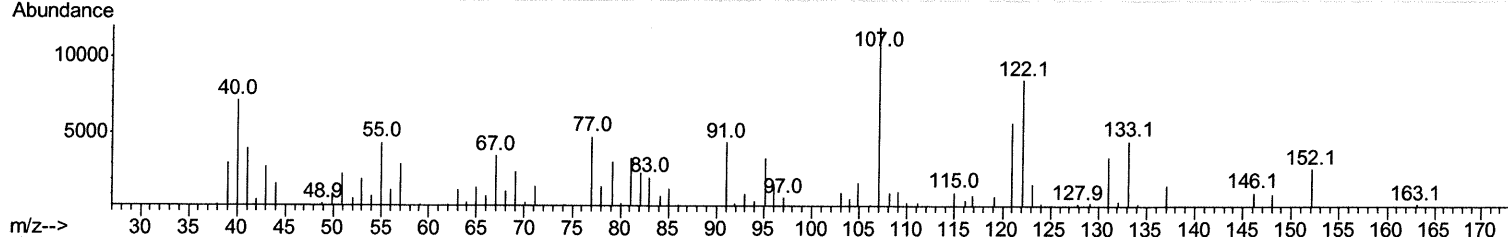
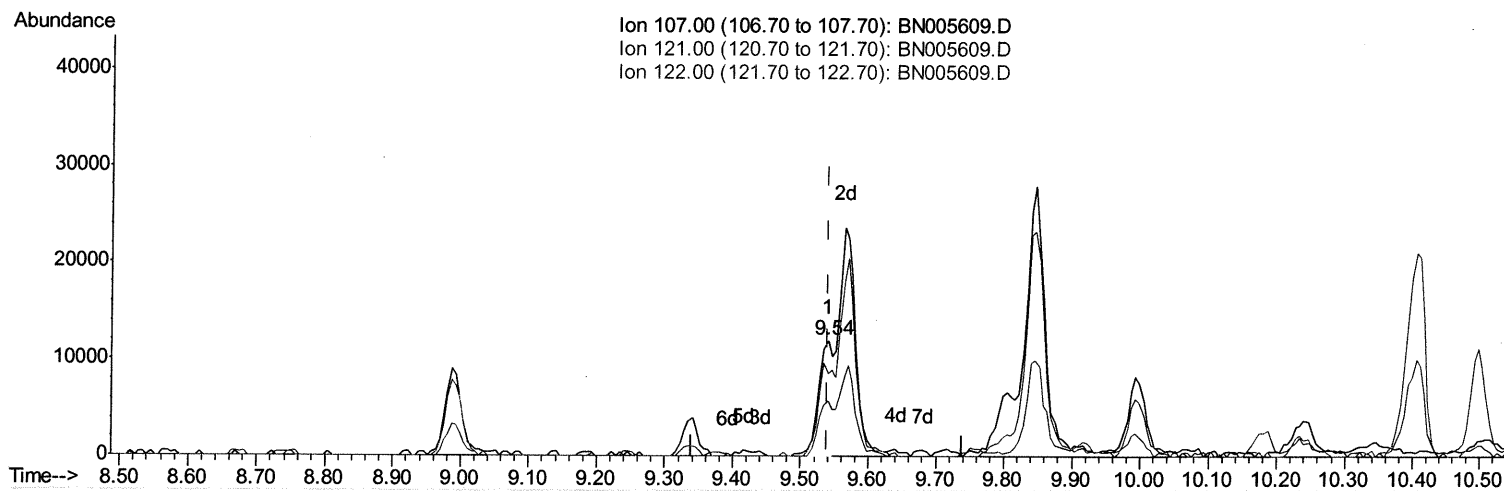
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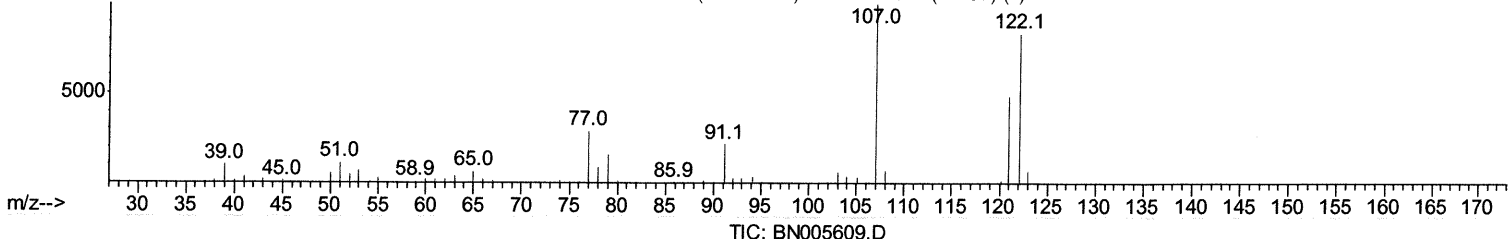
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Scan 1114 (9.540 min): BN005586.D (-1107) (-)



(24) 2,4-Dimethylphenol

9.540min (+0.000) 3.04ng/ul

response 17324

Ion	Exp%	Act%
107.00	100	100
121.00	47.30	48.23
122.00	81.20	71.29
0.00	0.00	0.00

Quantitation Report (Qedit)

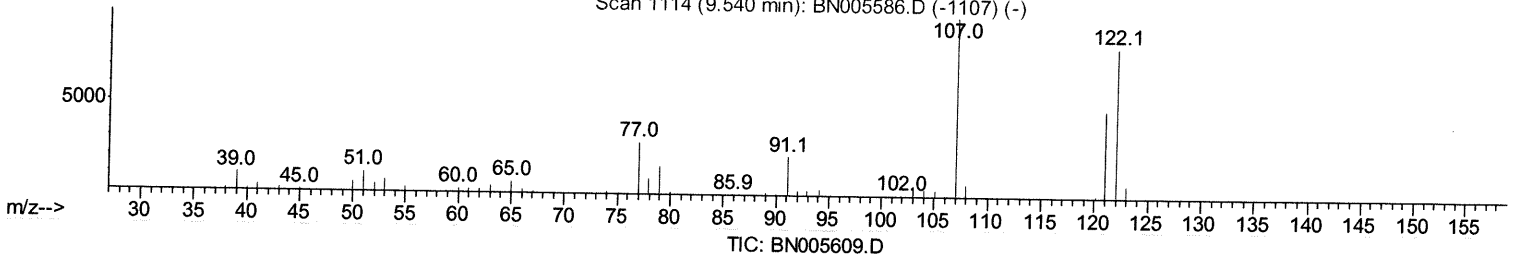
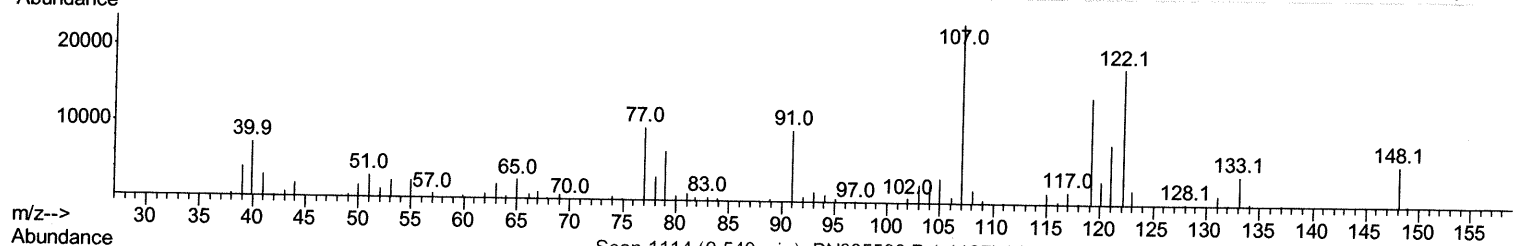
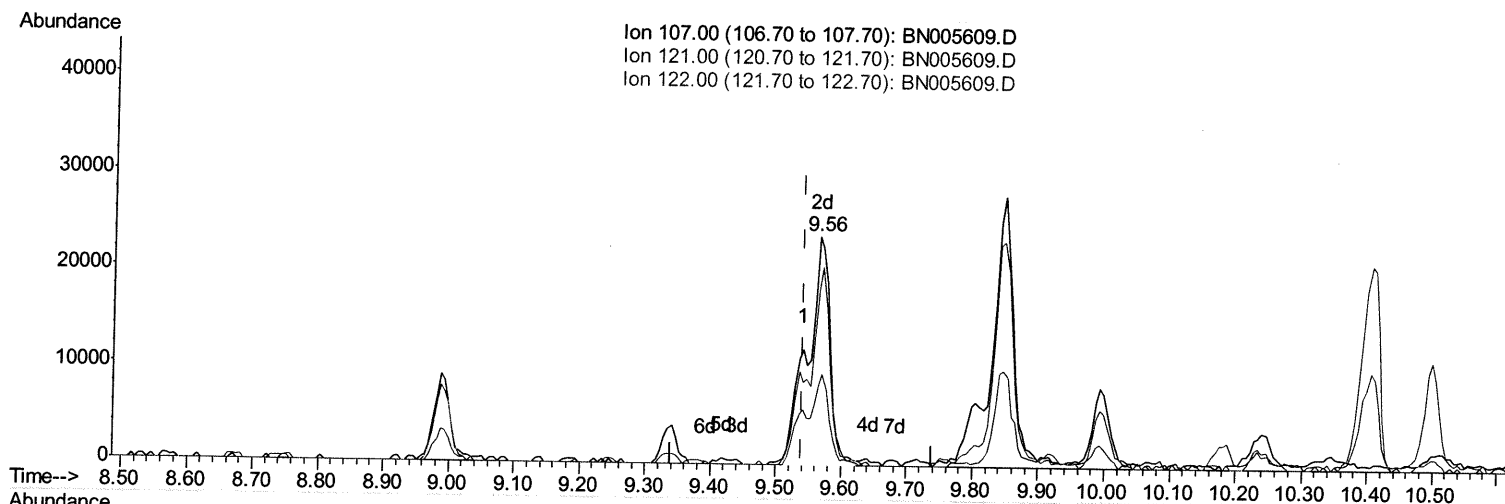
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(24) 2,4-Dimethylphenol

9.563min (+0.024) 10.17ng/ul m *JU*
05/15/19

response 57924

Ion	Exp%	Act%
107.00	100	100
121.00	47.30	34.48#
122.00	81.20	76.02
0.00	0.00	0.00

Quantitation Report (Qedit)

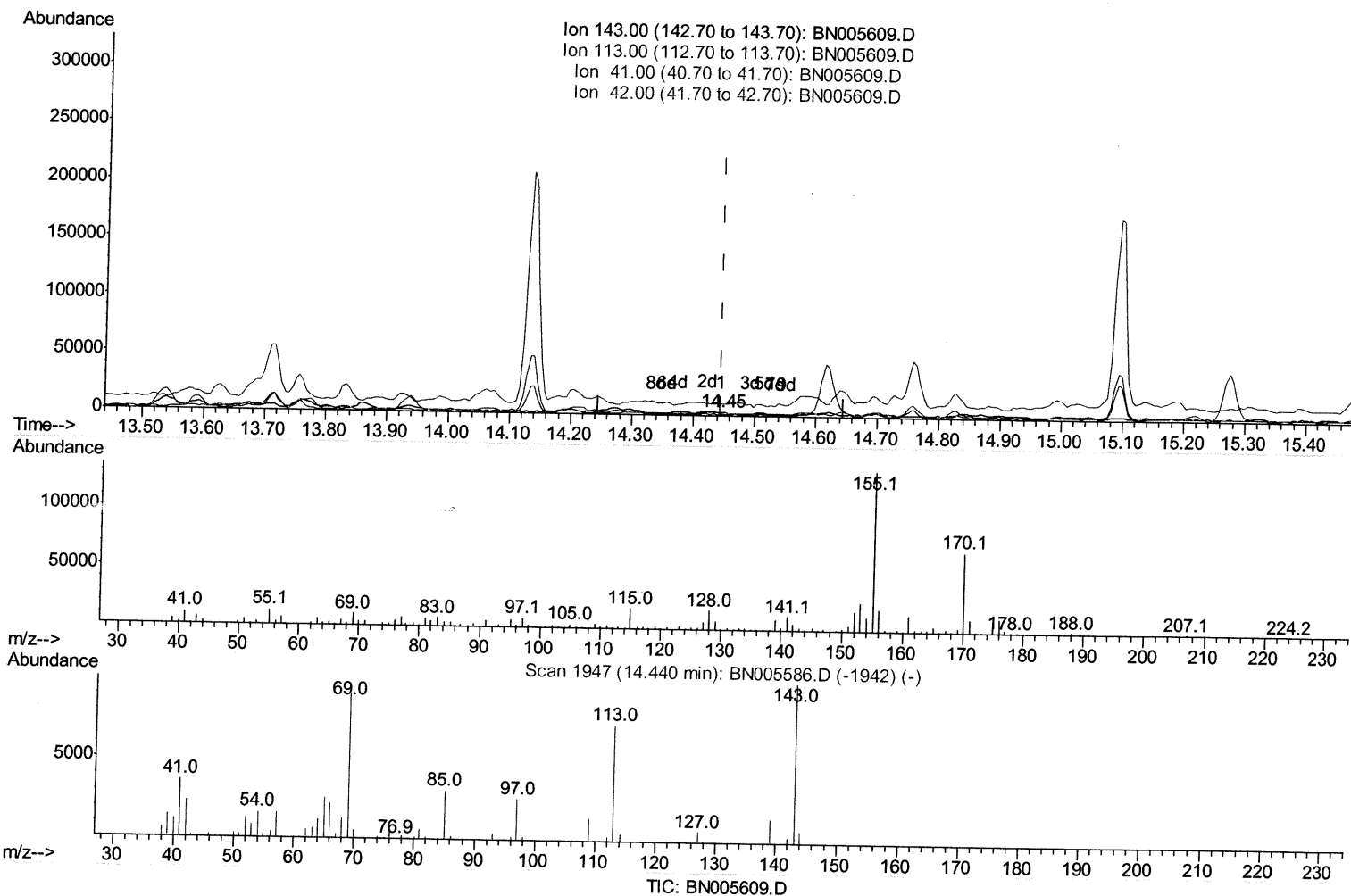
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(51) 4-Nitrophenol-d4 (S)

14.445min (+0.000) 0.81ng/ul

response 1771

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	64.70#
41.00	47.90	341.61#
42.00	31.70	44.45#

Quantitation Report (Qedit)

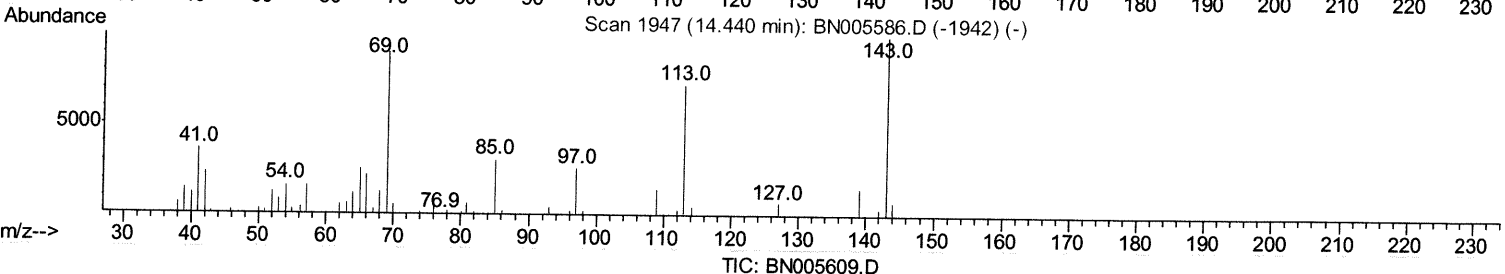
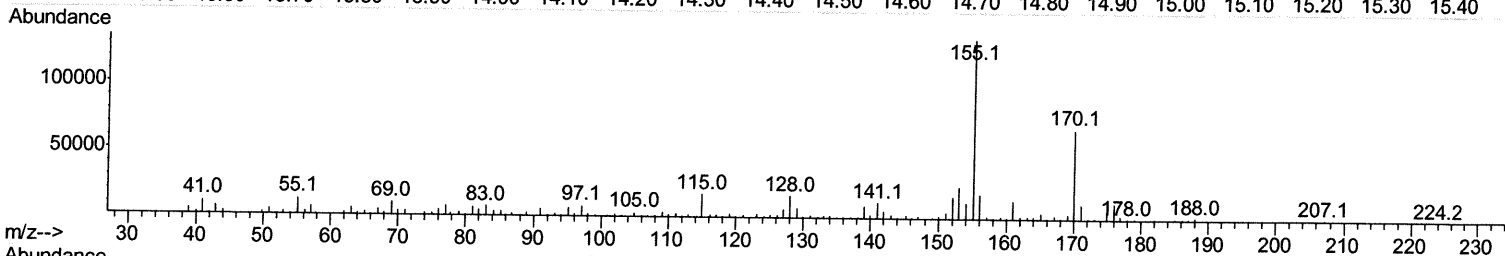
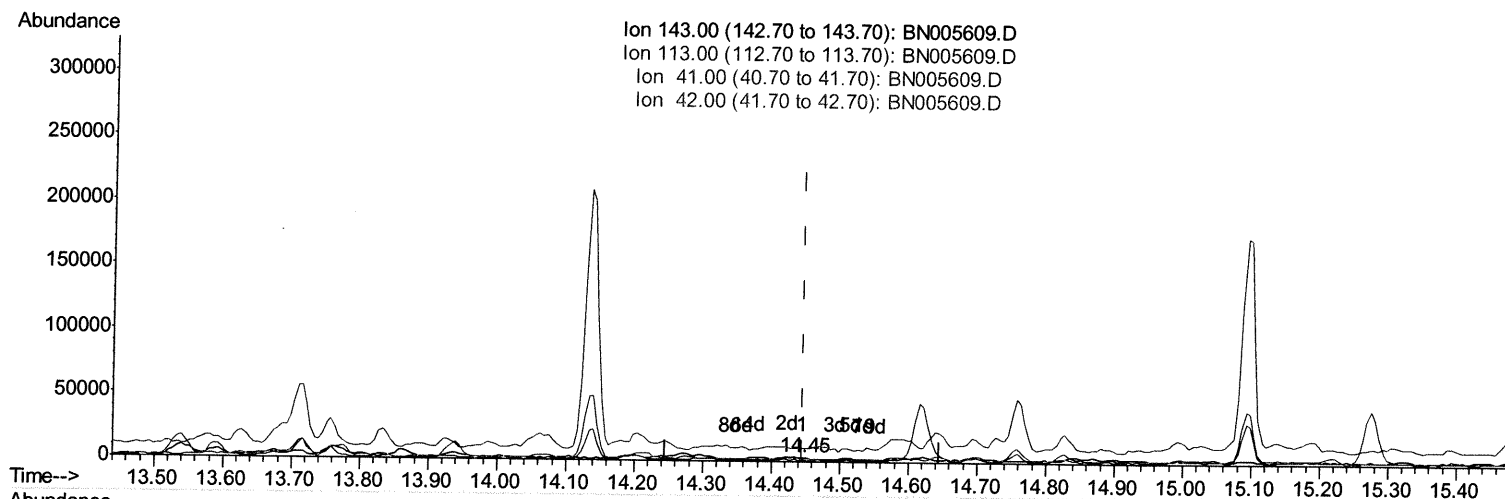
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 Data File : BN005609.D
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 Sample : K2604-01 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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Manual Integrations
 APPROVED

mohammad
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(51) 4-Nitrophenol-d4 (S)

14.445min (+0.000) 0.87ng/ul m 05/15/19

response 1911

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	64.70#
41.00	47.90	341.61#
42.00	31.70	44.45#

Quantitation Report (Qedit)

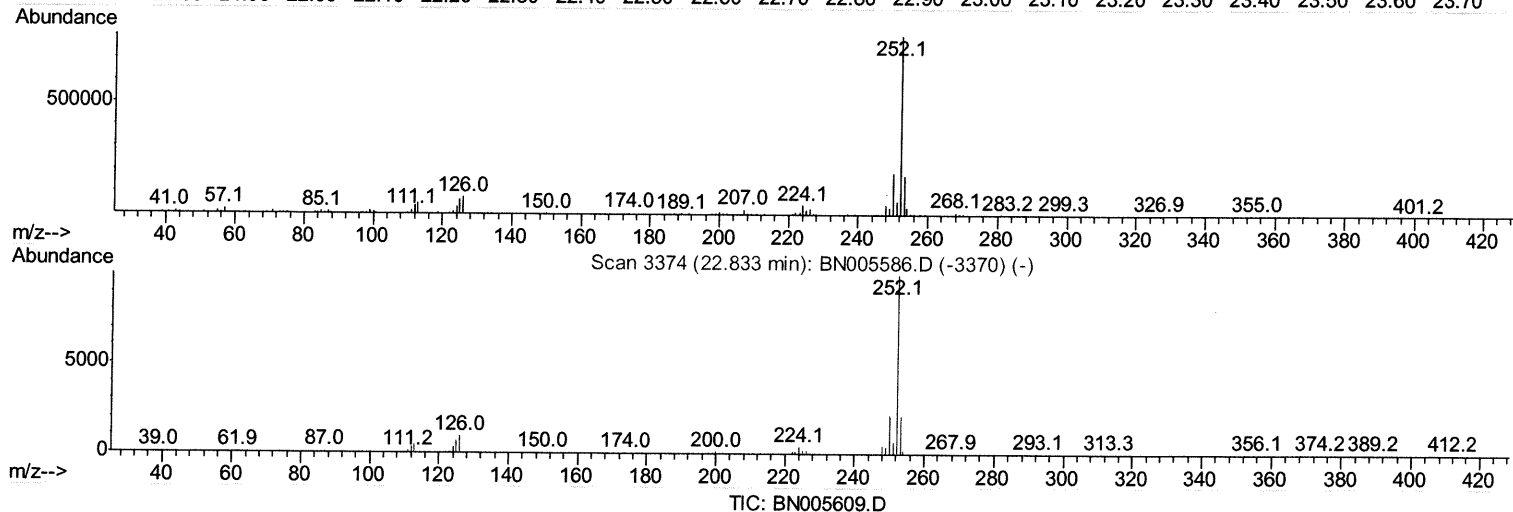
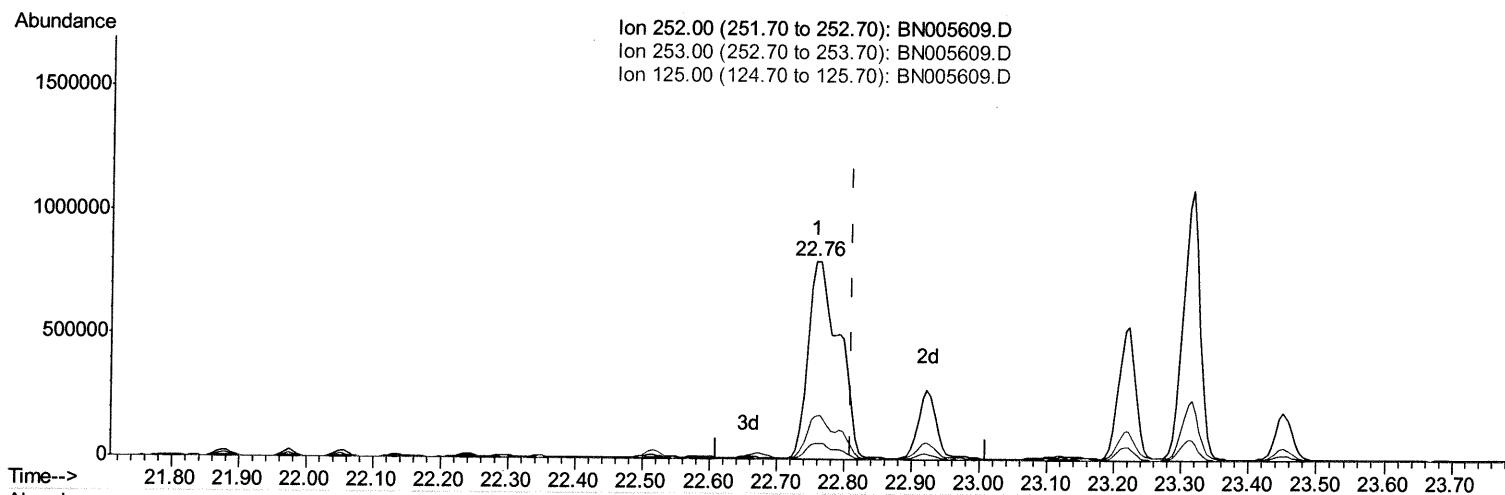
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(88) Benzo(k)fluoranthene

22.757min (-0.053) 110.51ng/ul

response 1928880

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.64
125.00	9.40	8.06
0.00	0.00	0.00

Quantitation Report (Qedit)

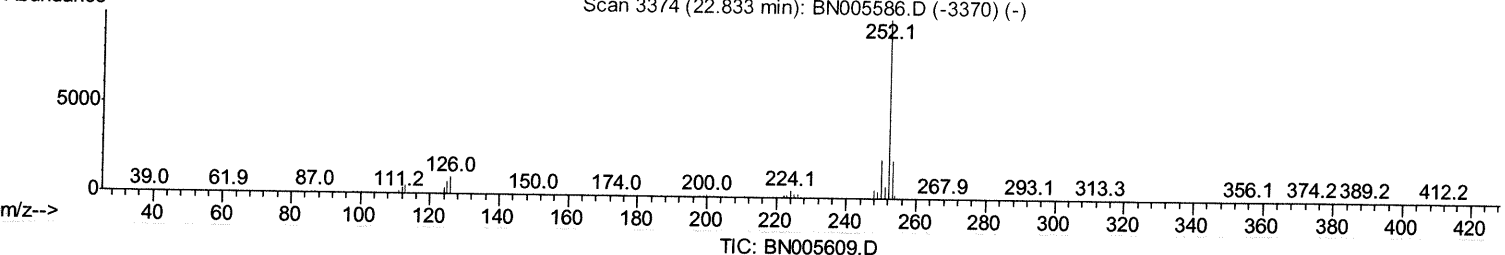
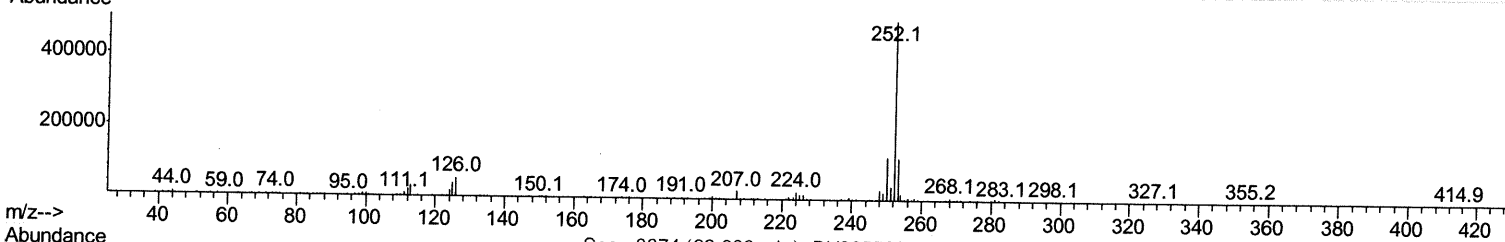
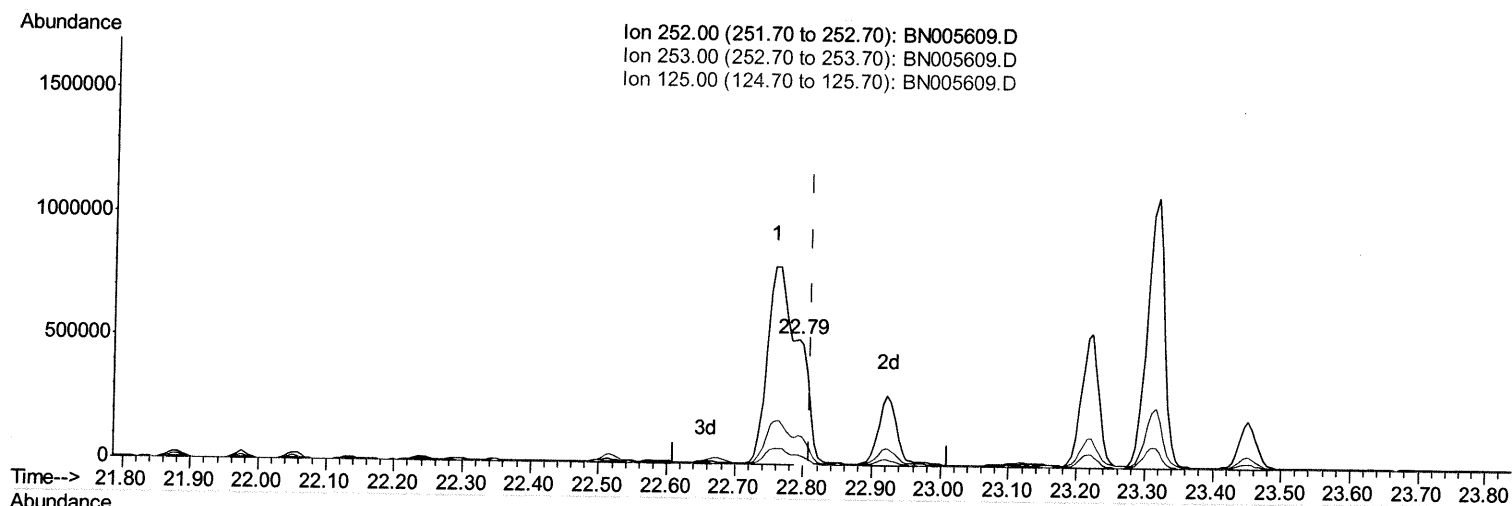
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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(88) Benzo(k)fluoranthene

22.792min (-0.018) 34.66ng/ul m ⁵⁰05/15/19

response 605023

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.15
125.00	9.40	7.87
0.00	0.00	0.00

Quantitation Report (Qedit)

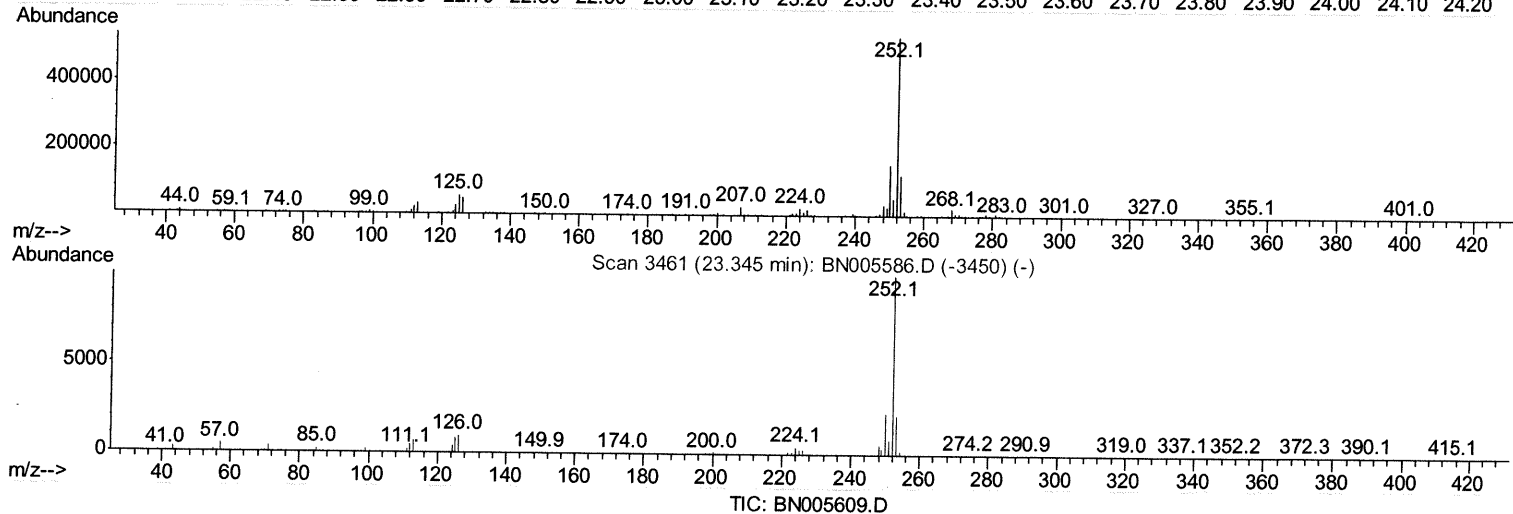
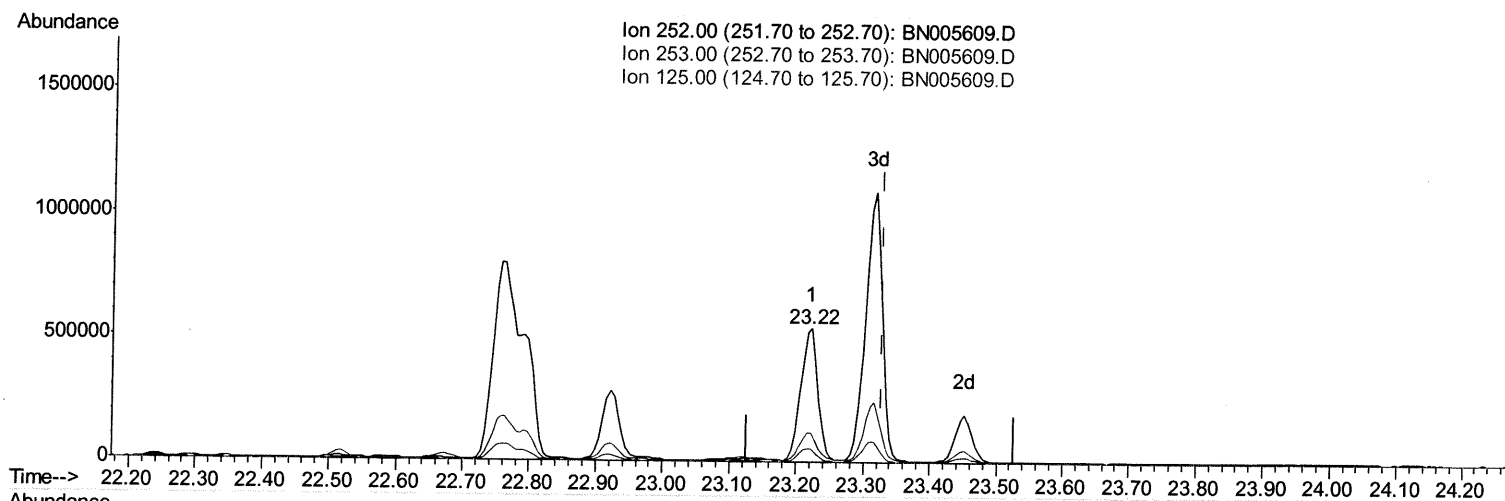
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Manual Integrations
APPROVED

mohammad
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(90) Benzo(a)pyrene (C)

23.222min (-0.106) 54.81ng/ul

response 941538

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.45
125.00	10.80	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

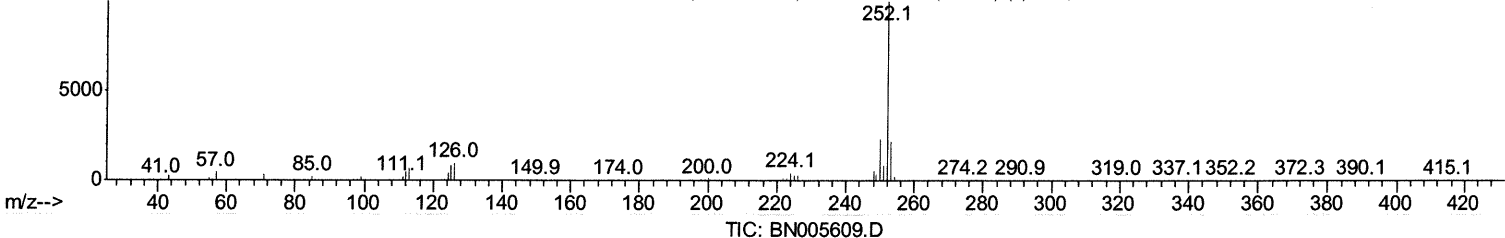
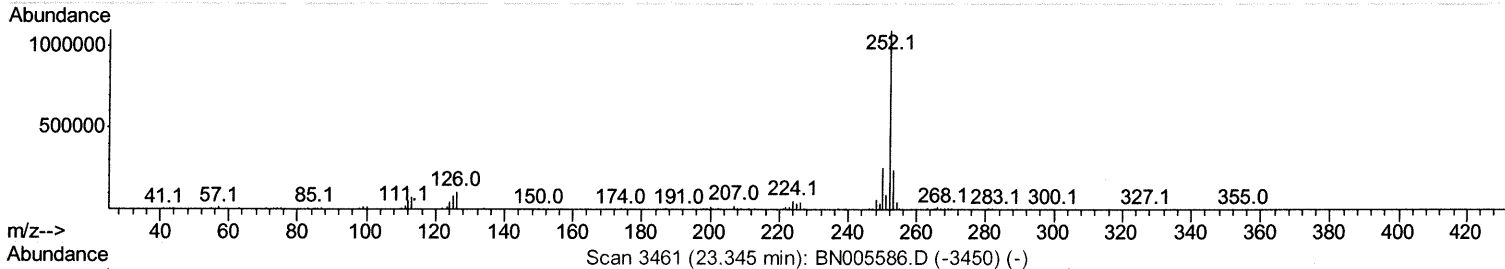
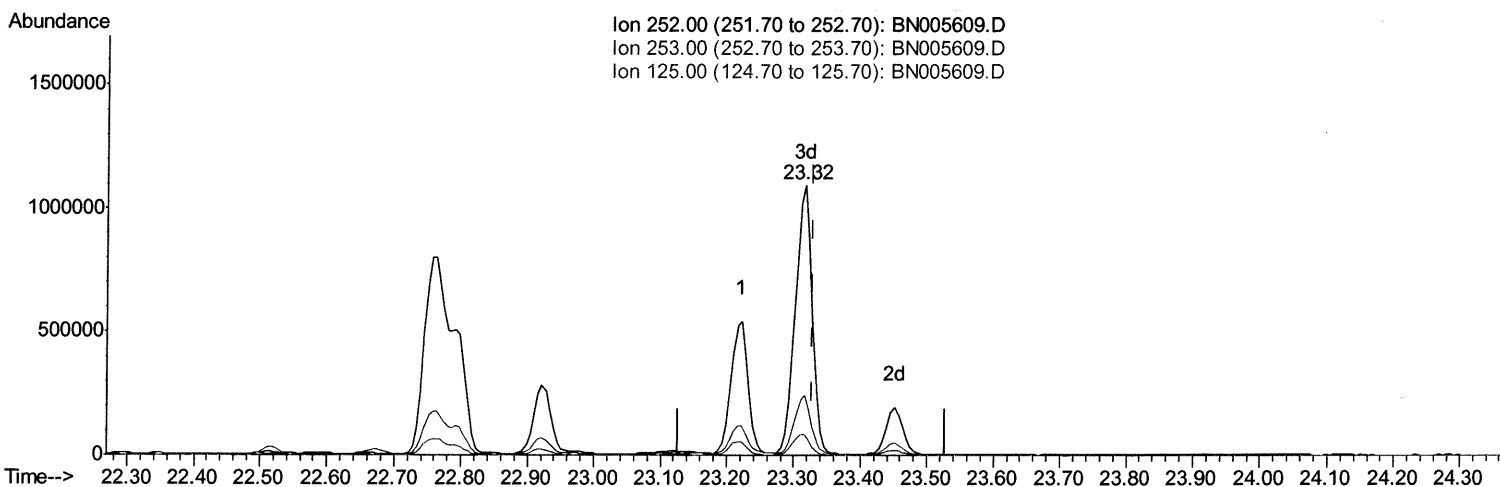
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(90) Benzo(a)pyrene (C)

23.316min (-0.012) 110.54ng/ul m *JU 05/15/19*

response 1898890

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.18
125.00	10.80	7.60#
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	7.58	152	83482	20.00	nq/ul	0.00
18) Naphthalene-d8	10.35	136	321824	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.22	164	190688	20.00	nq/ul	0.00
61) Phenanthrene-d10	16.97	188	334080	20.00	nq/ul	0.00
77) Chrysene-d12	21.20	240	276464	20.00	nq/ul	-0.01
85) Perylene-d12	23.40	264	325112	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	330	0.19	nq/uL	0.00
5) Phenol-d5	6.78	99	8904	1.36	nq/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	8362m	2.04	nq/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	7908	1.58	nq/ul	0.00
13) 4-Methylphenol-d8	8.29	113	7631	1.49	nq/ul	0.00
19) Nitrobenzene-d5	8.73	128	5737	2.90	nq/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	4112	2.05	nq/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	7975	1.73	nq/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	nq/ul	
43) Dimethylphthalate-d6	13.63	166	31502	2.28	nq/ul	0.00
46) Acenaphthylene-d8	13.90	160	30485	1.79	nq/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	1911m	0.87	nq/ul	0.00
57) Fluorene-d10	15.22	176	24682	2.12	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	792	0.53	nq/ul	0.01
70) Anthracene-d10	17.07	188	29905	2.14	nq/ul	0.00
78) Pyrene-d10	19.39	212	29695	2.10	nq/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	26550	1.87	ng/ul	-0.01

JU 05/15/19

Target Compounds

					Ovalue	
6) Phenol	6.80	94	10132	1.502	nq/ul	90
11) 2-Methylphenol	8.03	108	22699	4.492	nq/ul	81
16) 4-Methylphenol	8.35	108	16491	3.022	nq/ul	96
24) 2,4-Dimethylphenol	9.56	107	57924m	10.166	nq/ul	98
28) Naphthalene	10.40	128	14831317	991.327	nq/ul	99
34) 2-Methylnaphthalene	12.02	142	5983520	546.207	nq/ul	99
40) 1,1'-Biphenyl	13.04	154	907648	63.883	nq/ul	98
47) Acenaphthylene	13.94	152	3537201	211.706	nq/ul	97
49) Acenaphthene	14.28	153	521692	45.737	nq/ul	97
53) Dibenzofuran	14.62	168	1336799	81.400	nq/ul	99
58) Fluorene	15.27	166	2957675	230.801	nq/ul	98
69) Phenanthrene	17.03	178	11873275	729.754	nq/ul	97
71) Anthracene	17.11	178	3298152	198.991	nq/ul	99
74) Carbazole	17.38	167	313008	21.984	nq/ul	99
76) Fluoranthene	19.05	202	5838089	323.498	nq/ul	96
82) Benzo(a)anthracene	21.19	228	2604113	151.412	nq/ul	93
84) Chrysene	21.24	228	2210476	138.482	nq/ul	97
87) Benzo(b)fluoranthene	22.76	252	1928880	105.545	nq/ul#	97
88) Benzo(k)fluoranthene	22.79	252	605023m	34.664	nq/ul	97
90) Benzo(a)pyrene	23.32	252	1898890m	110.542	nq/ul	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	836407	44.039	nq/ul#	93
92) Dibenz(a,h)anthracene	25.59	278	244919	15.195	nq/ul#	79
93) Benzo(g,h,i)perylene	26.26	276	776212	49.428	ng/ul#	93

JU 05/15/19

JU 05/15/19

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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