

(QT Reviewed)

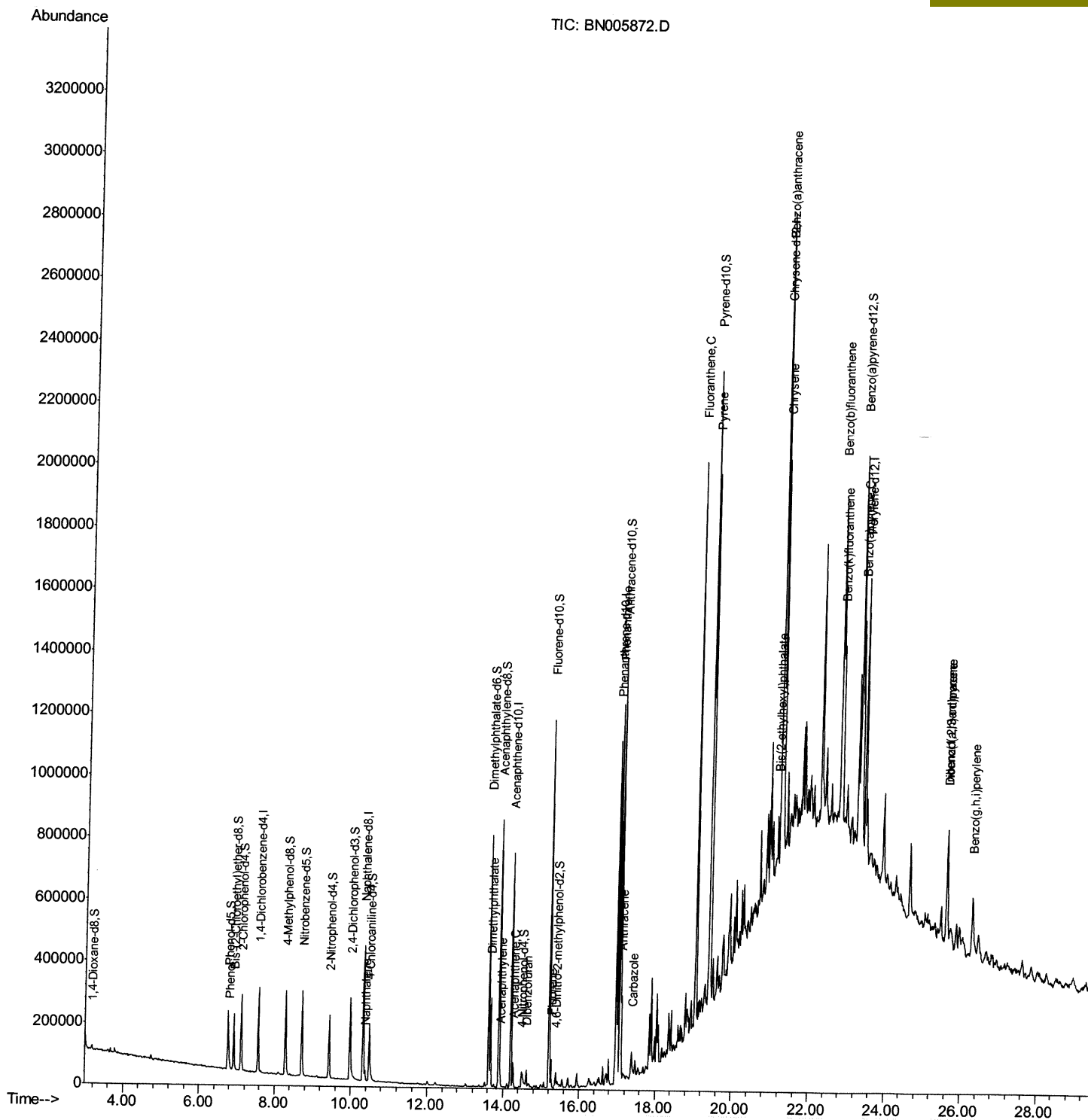
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\  
Data File : BN005872.D  
Acq On : 23 May 2019 04:07  
Operator : JU/SJ  
Sample : K2927-19  
Misc :  
ALS Vial : 21 Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
A42C0

Quant Time: May 23 07:09:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Manual Integrations

mohammad
5/23/2019 3:31:26 PM



Quantitation Report (Qedit)

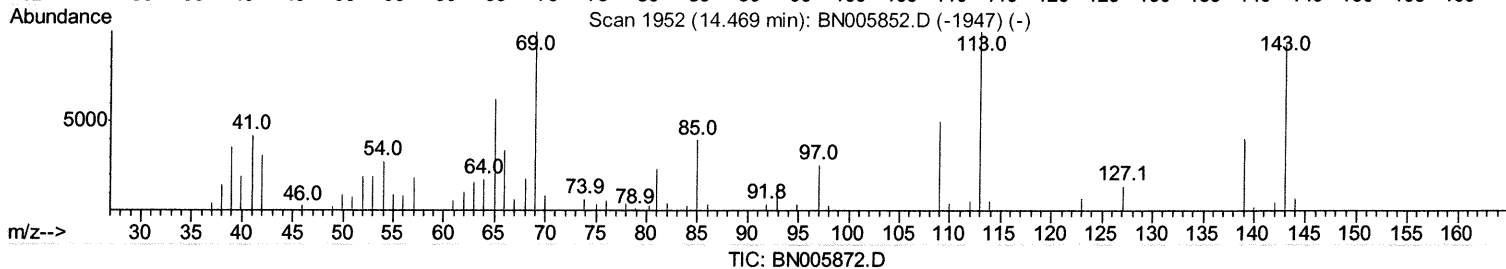
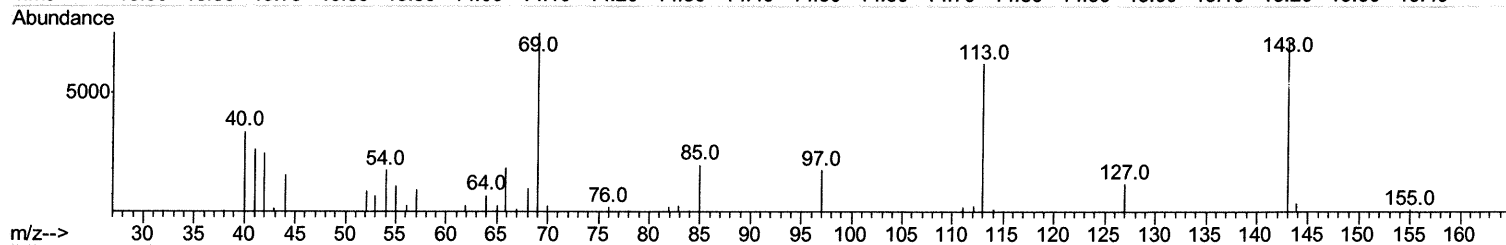
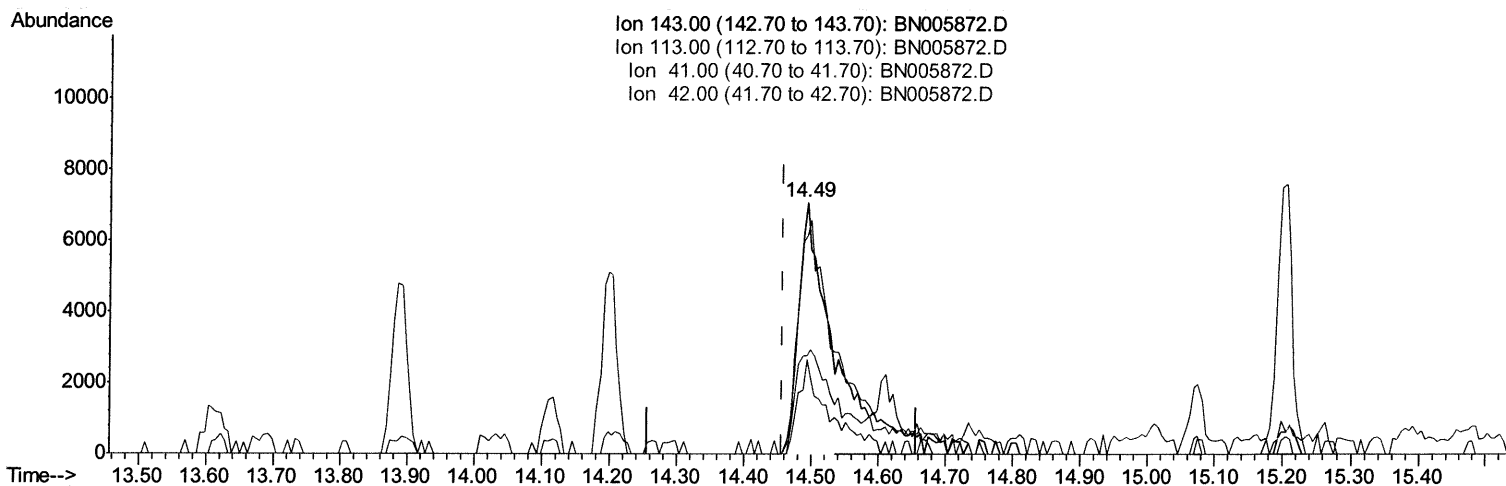
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(51) 4-Nitrophenol-d4 (S)

14.492min (+0.035) 6.56ng/ul

response 17893

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	86.85
41.00	47.90	38.90
42.00	31.70	37.28

Quantitation Report (Qedit)

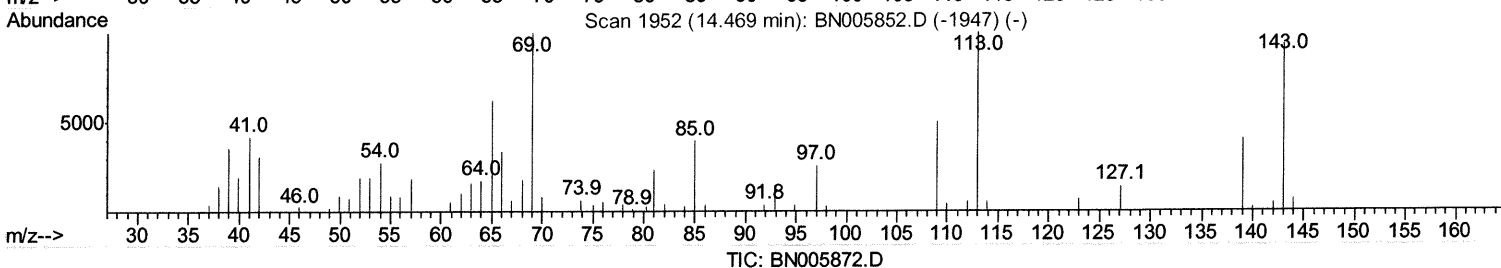
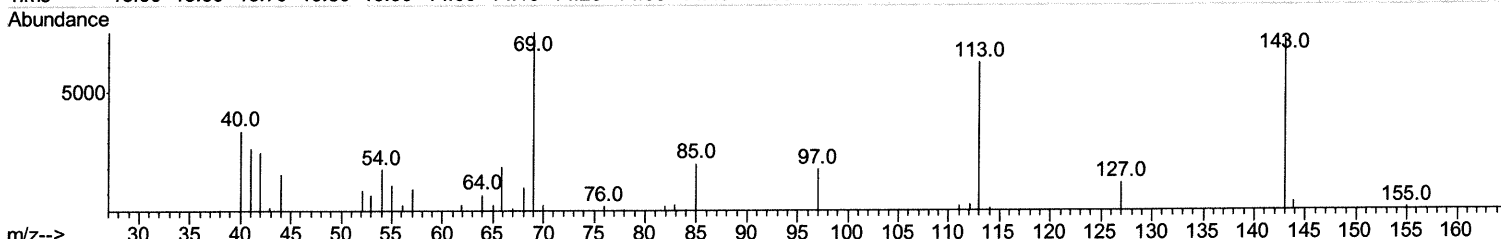
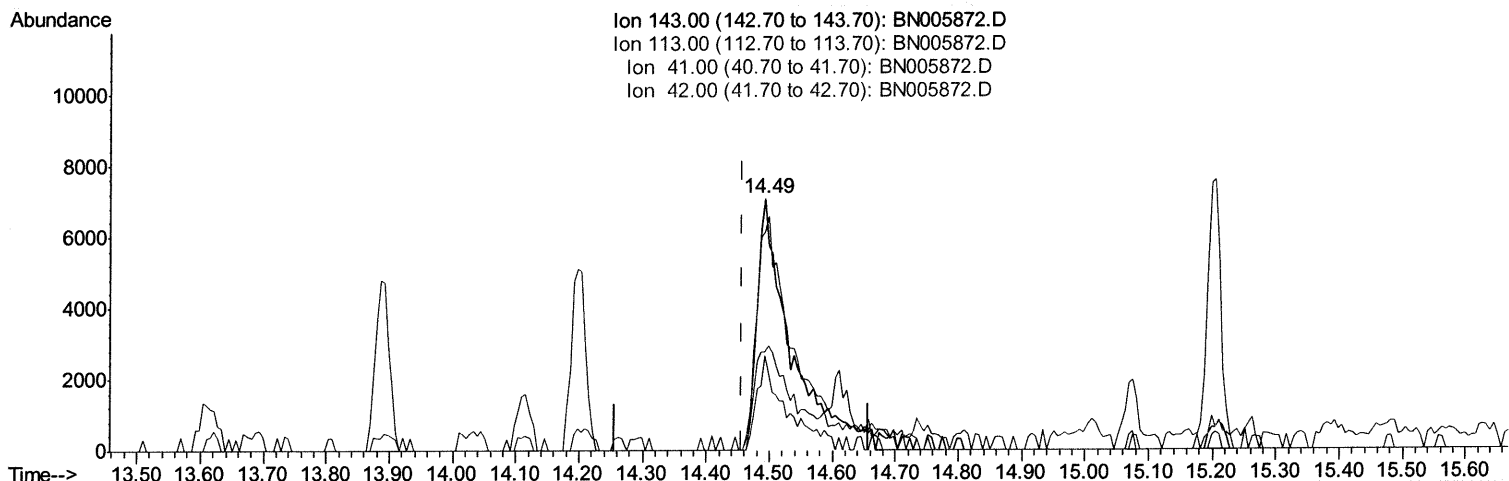
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(51) 4-Nitrophenol-d4 (S)

14.492min (+0.035) 9.83ng/ul m ⁵⁰06/04/19

response 26816

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	86.85
41.00	47.90	38.90
42.00	31.70	37.28

Quantitation Report (Qedit)

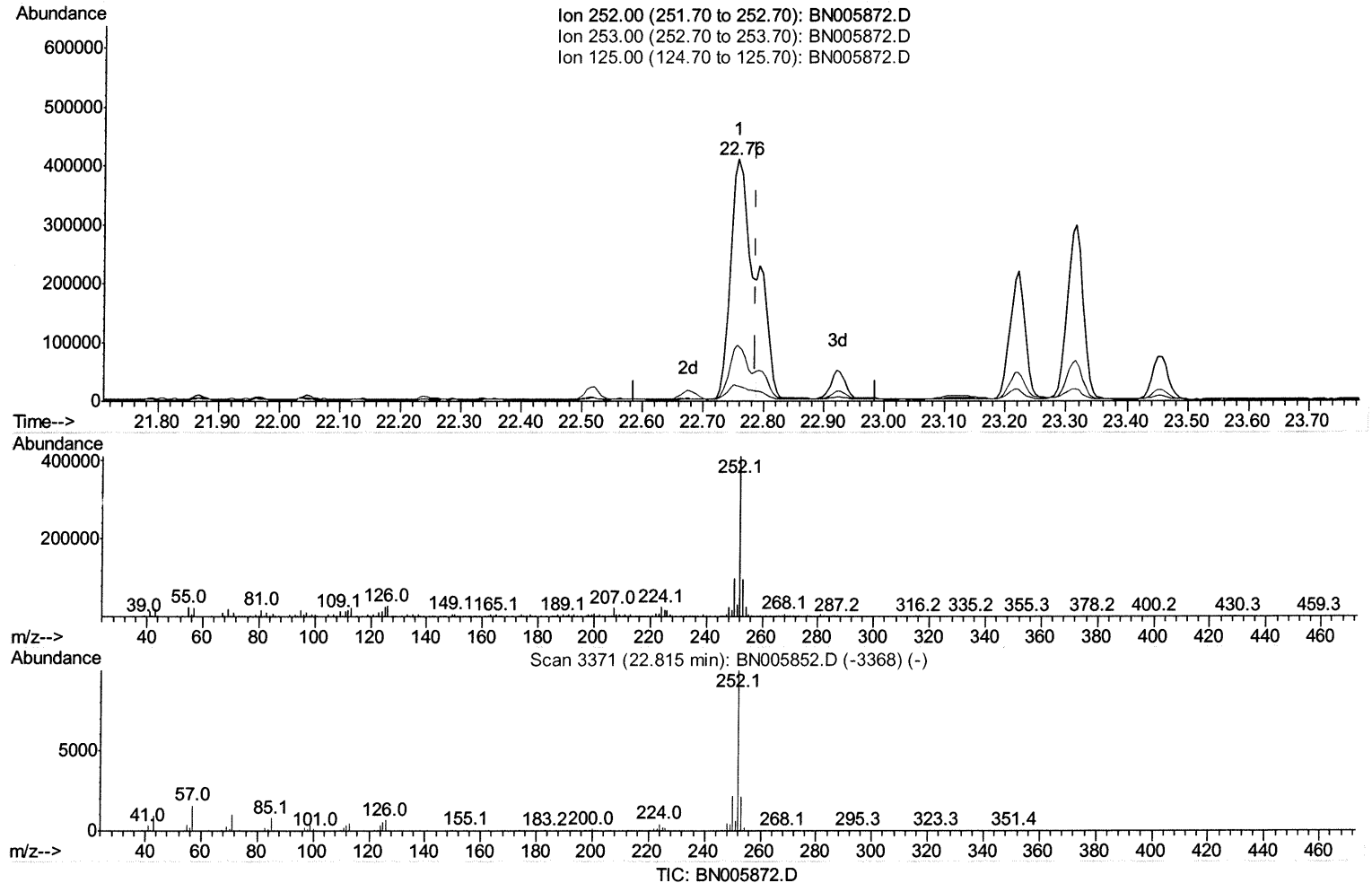
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(88) Benzo(k)fluoranthene

22.757min (-0.030) 25.19ng/ul

response 934141

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.28
125.00	9.40	6.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

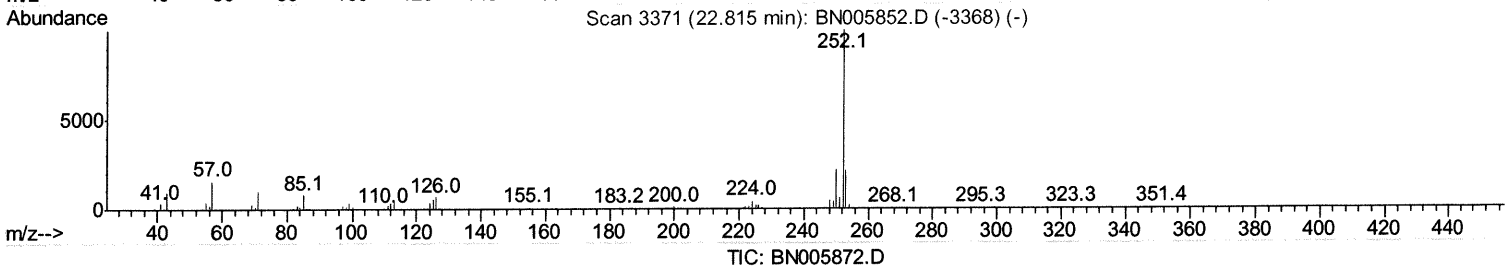
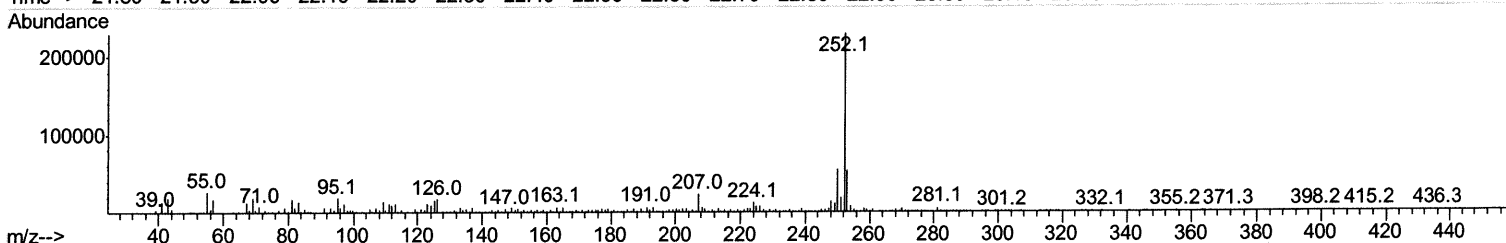
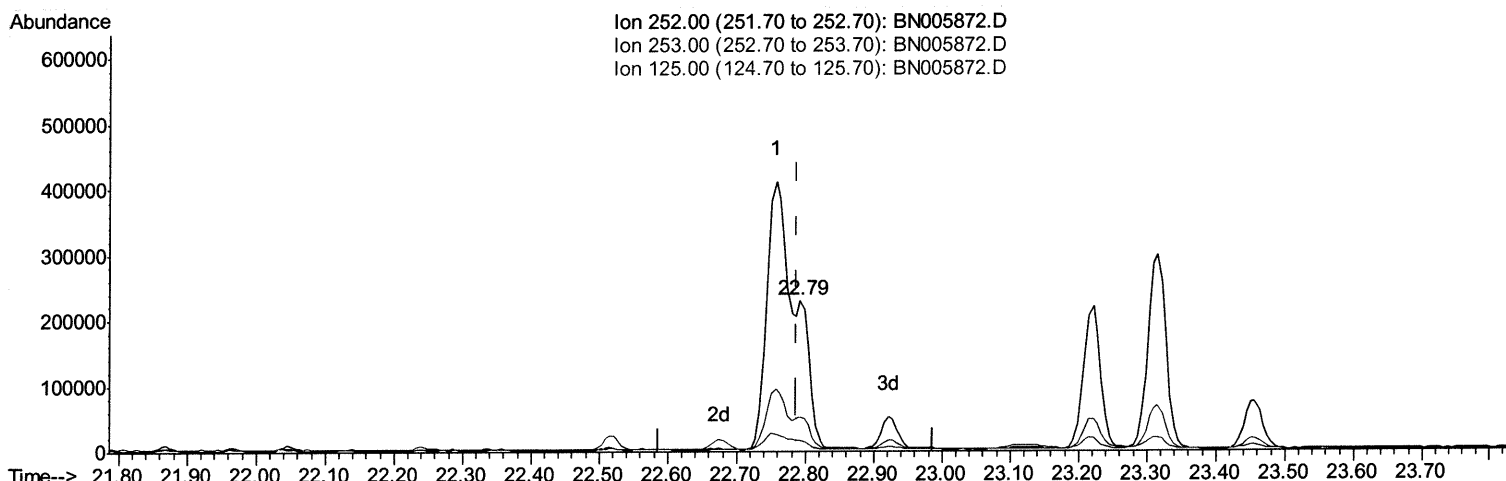
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(88) Benzo(k)fluoranthene

22.792min (+0.006) 6.88ng/ul m *JU 06/04/019*

response 255243

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.10
125.00	9.40	7.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

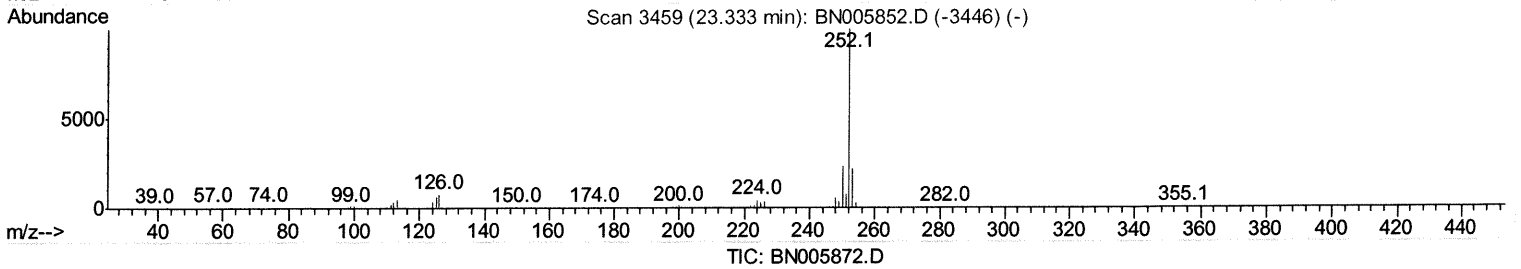
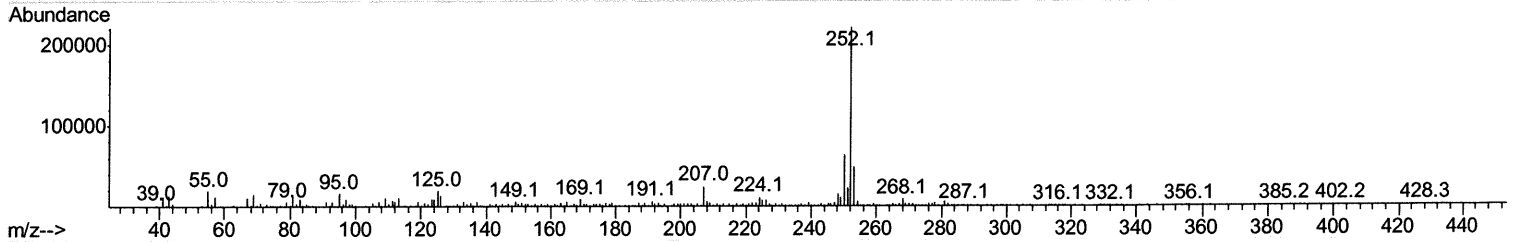
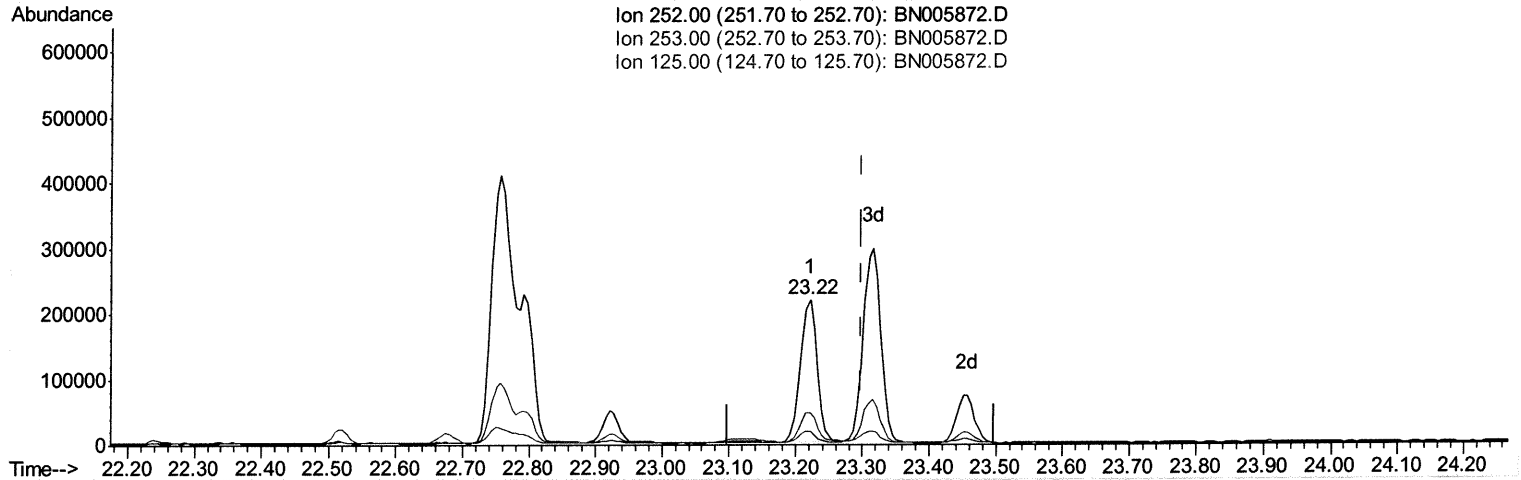
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(90) Benzo(a)pyrene (C)

23.221min (-0.077) 10.23ng/ul

response 379661

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.18
125.00	10.80	8.99
0.00	0.00	0.00

Quantitation Report (Qedit)

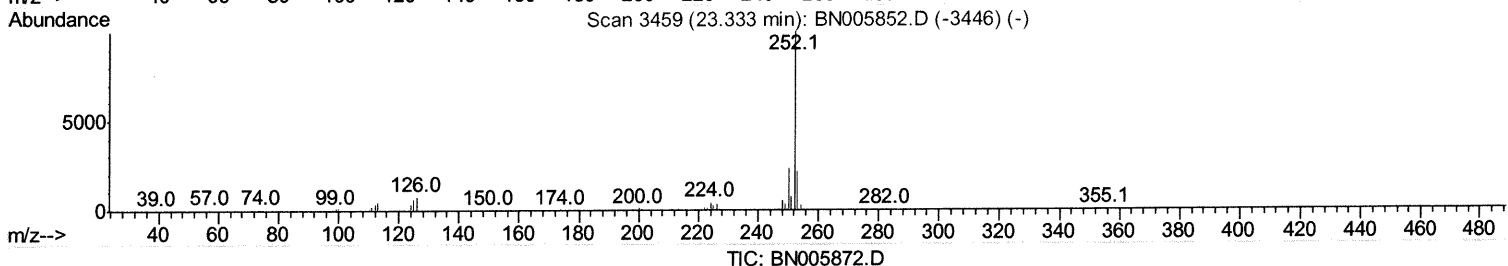
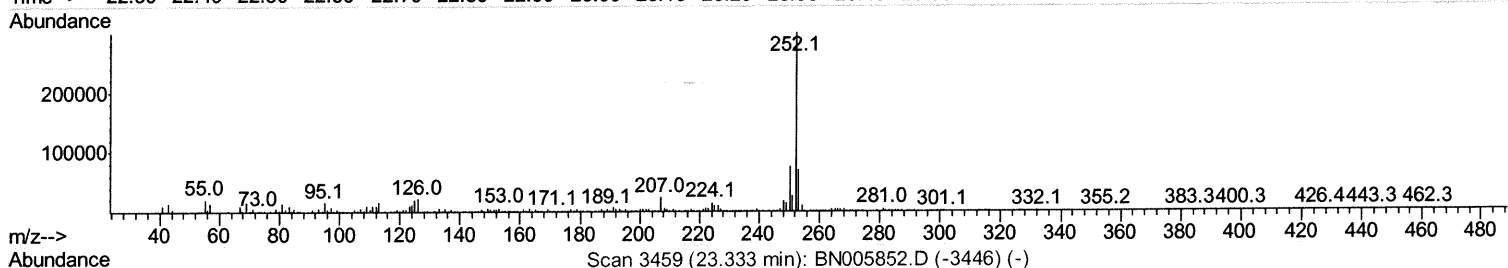
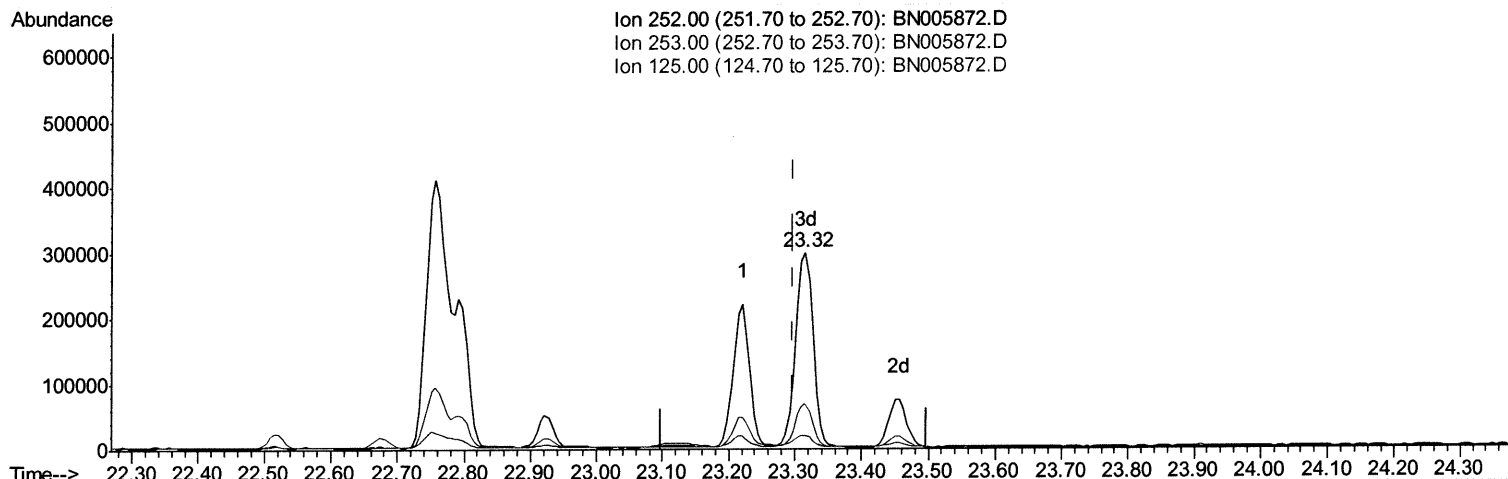
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 Misc :
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Instrument :
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Manual Integrations
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(90) Benzo(a)pyrene (C)

23.315min (+0.017) 14.69ng/ul m *JU*
06/04/19

response 544987

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.35
125.00	10.80	6.78#
0.00	0.00	0.00

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Manual Integrations
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 5/23/2019 3:31:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	82793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	358134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	251594	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	651104	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	708210	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	696578	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	6953	4.70	ng/uL	0.00
5) Phenol-d5	6.76	99	137625	21.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	84651	25.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	122877	23.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	118979	21.74	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	66681	25.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	65976	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	132134	23.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	127900	20.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	520826	26.90	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	642279	27.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	26816m>	9.83	ng/ul	0.04
57) Fluorene-d10	15.20	176	478427	28.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	9883	2.53	ng/ul	0.02
70) Anthracene-d10	17.06	188	789934	28.08	ng/ul	0.00
78) Pyrene-d10	19.38	212	940373	26.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	837709	26.81	ng/ul	0.01
Target Compounds						
6) Phenol	6.79	94	6615	1.014	ng/ul#	52
28) Naphthalene	10.37	128	26442	1.546	ng/ul	98
44) Dimethylphthalate	13.67	163	186342	9.763	ng/ul	99
47) Acenaphthylene	13.92	152	28696	1.267	ng/ul	100
49) Acenaphthene	14.26	153	33955	2.213	ng/ul	92
53) Dibenzofuran	14.62	168	29344	1.289	ng/ul	97
58) Fluorene	15.26	166	41009	2.214	ng/ul#	88
69) Phenanthrene	17.00	178	710493	22.014	ng/ul	100
71) Anthracene	17.10	178	174996	5.325	ng/ul	100
74) Carbazole	17.38	167	51243	1.769	ng/ul	96
76) Fluoranthene	19.04	202	1080217	27.071	ng/ul#	89
79) Pyrene	19.41	202	1087573	25.007	ng/ul#	85
82) Benzo(a)anthracene	21.18	228	842987	18.894	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.12	149	62155	2.459	ng/ul#	98
84) Chrysene	21.23	228	743124	17.668	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	934141	24.376	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	255243m>	6.884	ng/ul	
90) Benzo(a)pyrene	23.32	252	544987m>	14.687	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	370532	8.167	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.60	278	97769	2.560	ng/ul#	93
93) Benzo(a,h,i)perylene	26.27	276	241713	6.374	ng/ul#	89

JU
 06/04/19

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

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