

Quantitation Report (QT Reviewed)

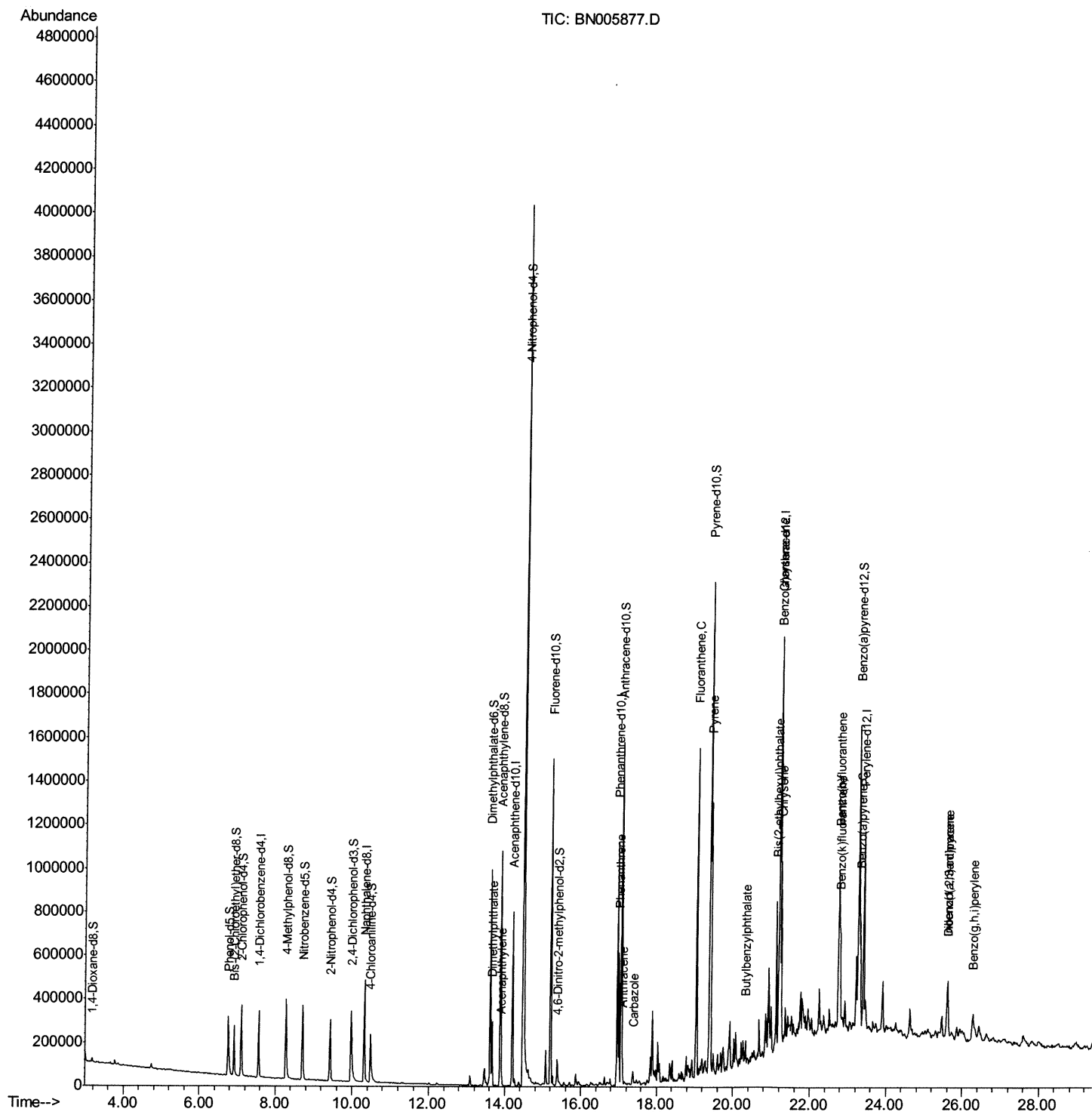
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
 Data File : BN005877.D
 Acq On : 23 May 2019 07:00
 Operator : JU/SJ
 Sample : K2927-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A9

Quant Time: May 23 09:42:09 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
 APPROVED

mohammad
 5/23/2019 3:31:40 PM



Quantitation Report (Qedit)

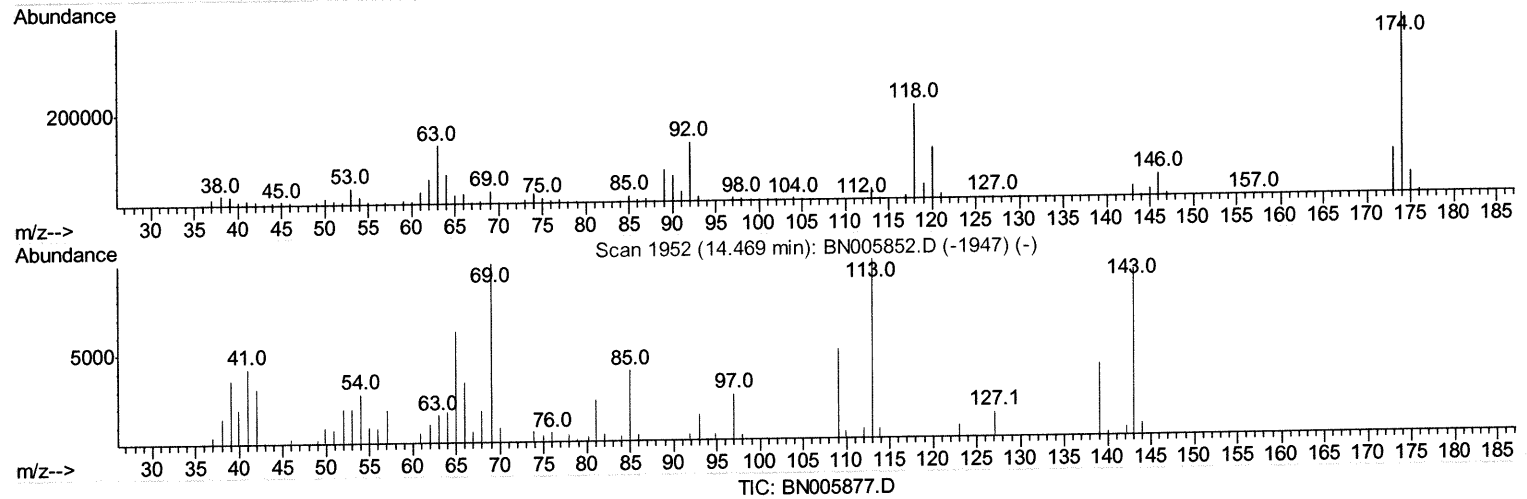
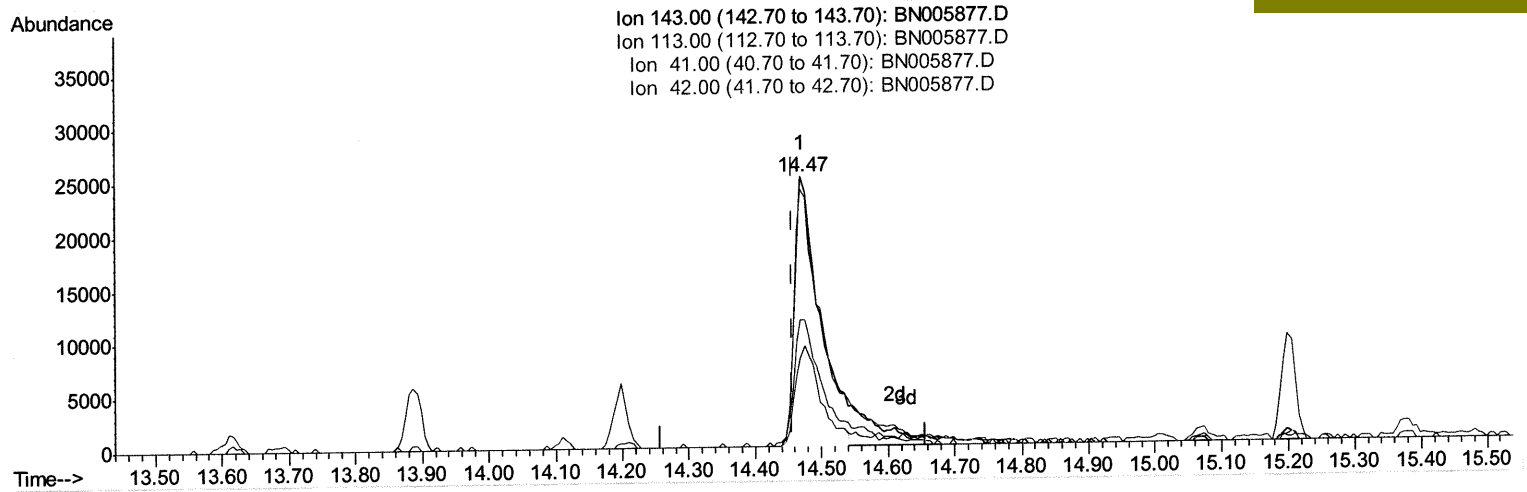
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(51) 4-Nitrophenol-d4 (S)

14.469min (+0.012) 23.63ng/ul

response 66314

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	95.51
41.00	47.90	46.82
42.00	31.70	32.64

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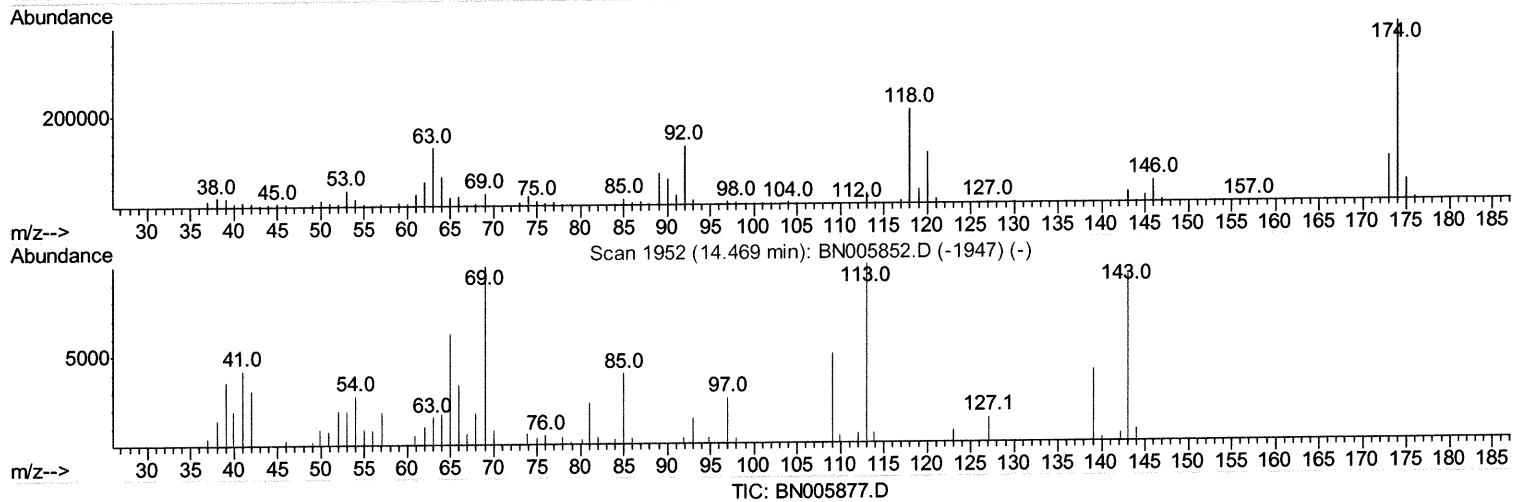
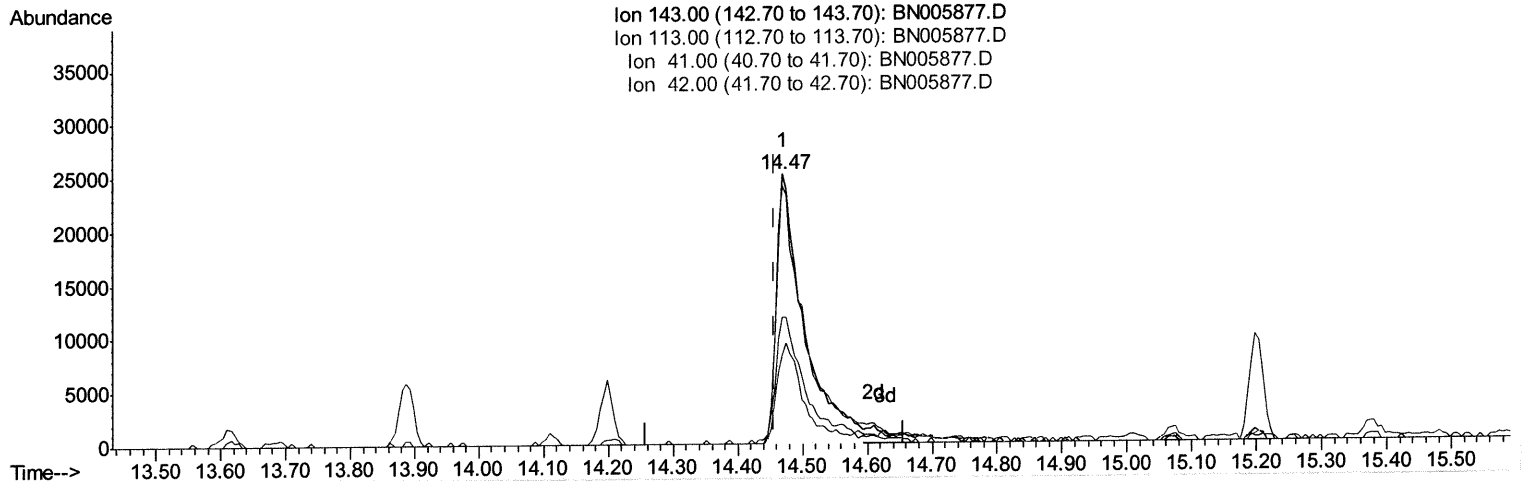
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(51) 4-Nitrophenol-d4 (S)

14.469min (+0.012) 26.48ng/ul m

JU
 06/04/19

response 74306

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	95.51
41.00	47.90	46.82
42.00	31.70	32.64

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 ALS Vial : 26 Sample Multiplier: 1

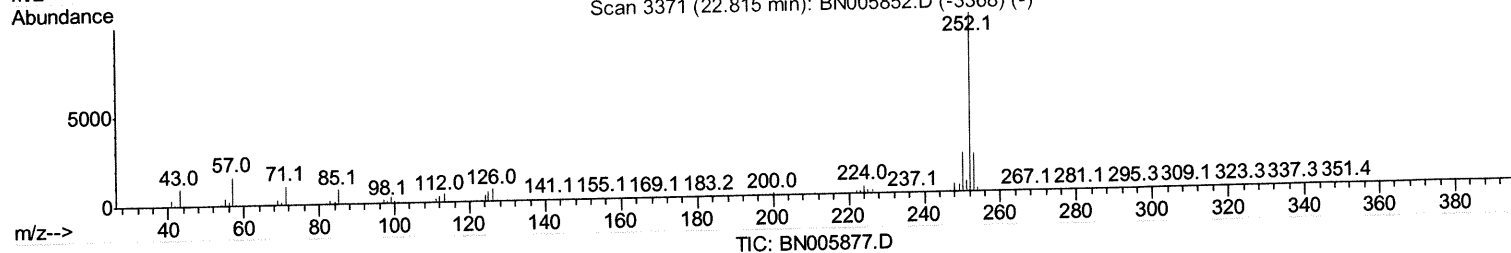
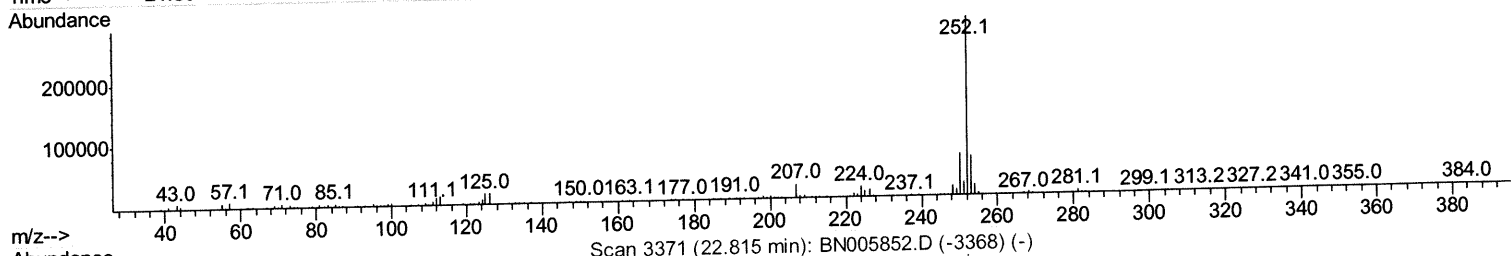
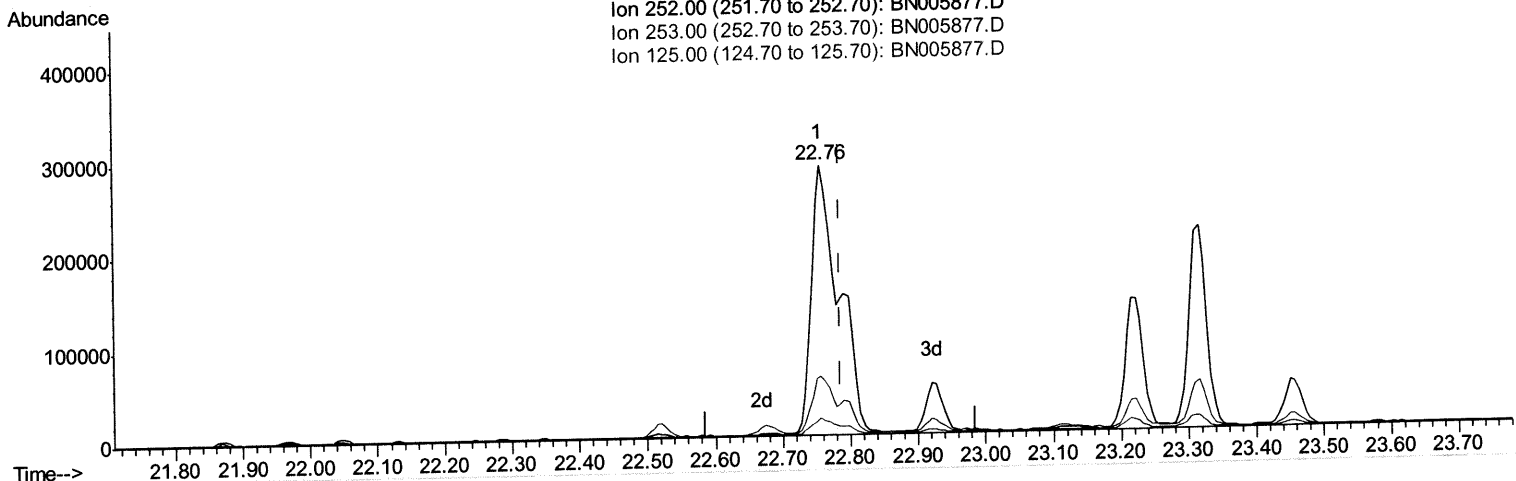
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Ion 252.00 (251.70 to 252.70): BN005877.D
 Ion 253.00 (252.70 to 253.70): BN005877.D
 Ion 125.00 (124.70 to 125.70): BN005877.D



(88) Benzo(k)fluoranthene

22.757min (-0.030) 16.15ng/ul

response 581250

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.83
125.00	9.40	6.21#
0.00	0.00	0.00

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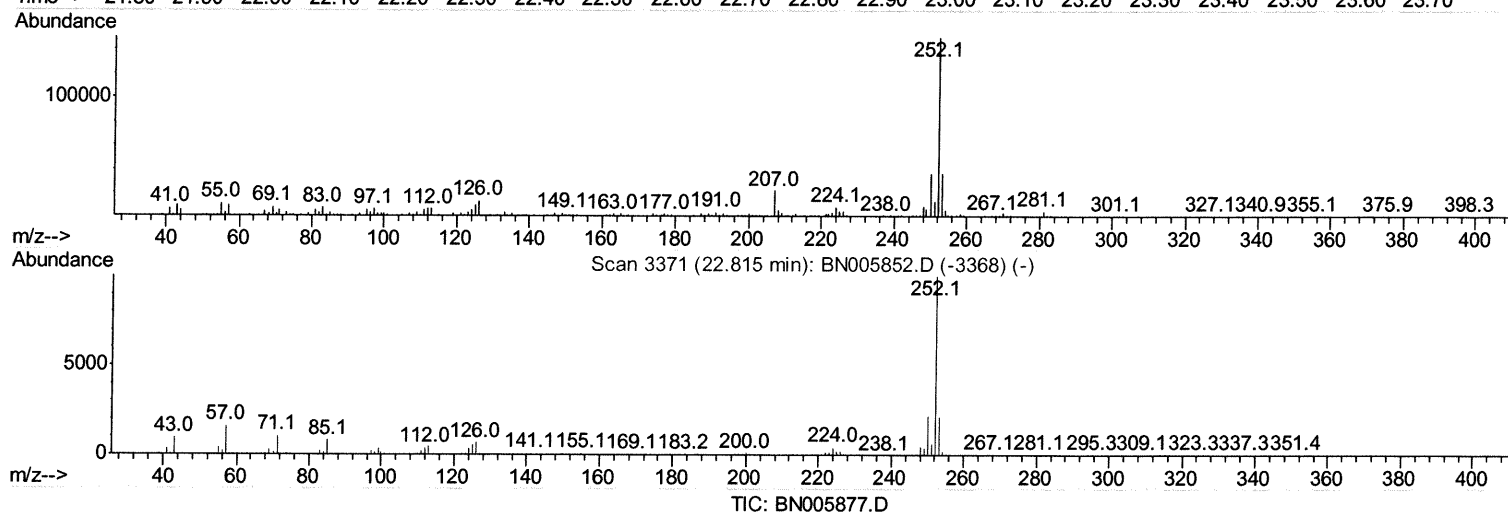
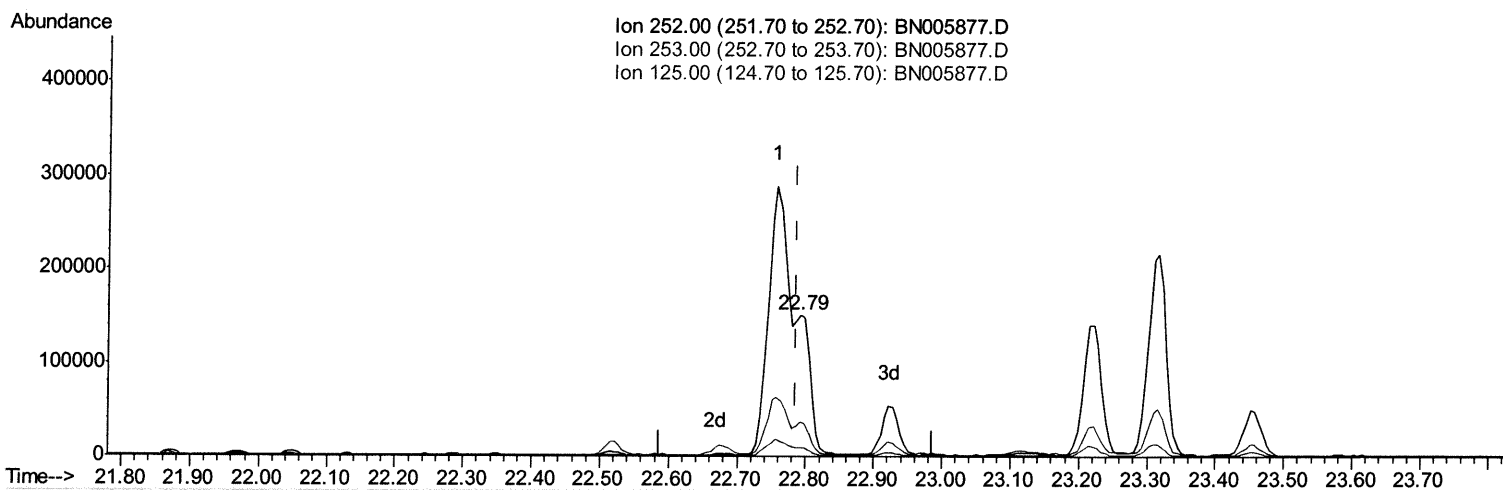
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(88) Benzo(k)fluoranthene

22.792min (+0.006) 6.14ng/ul m ^{JU} 06/04/19

response 221052

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.17
125.00	9.40	6.32#
0.00	0.00	0.00

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 Operator : JU/SJ
 Sample : K2927-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

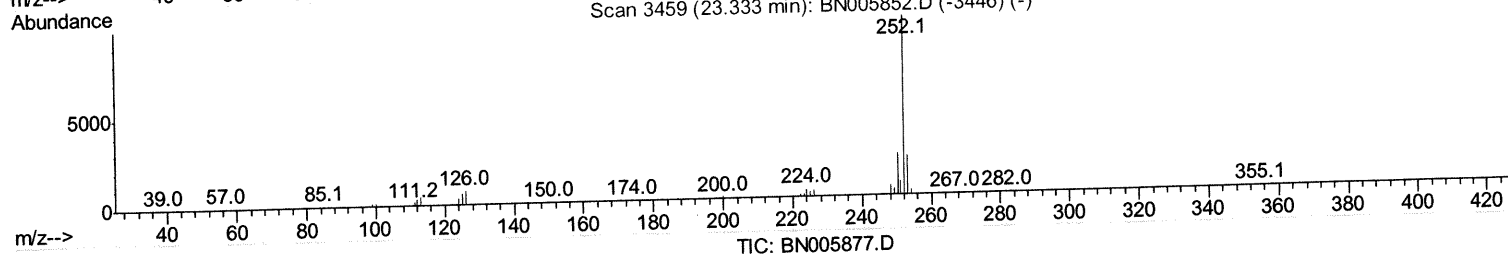
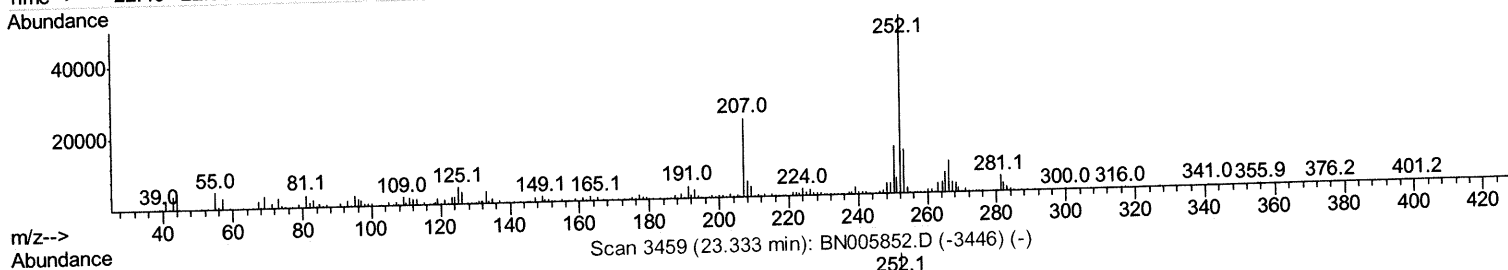
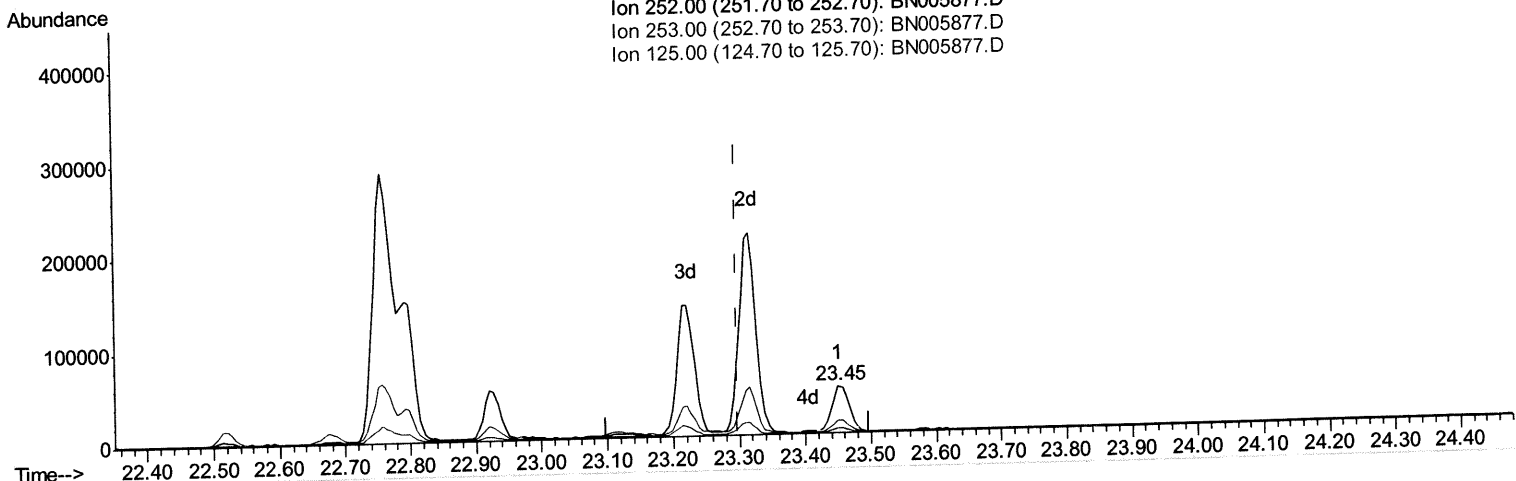
Instrument :
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Manual Integrations
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Ion 252.00 (251.70 to 252.70): BN005877.D
 Ion 253.00 (252.70 to 253.70): BN005877.D
 Ion 125.00 (124.70 to 125.70): BN005877.D



(90) Benzo(a)pyrene (C)

23.451min (+0.153) 2.34ng/ul

response 84131

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.43
125.00	10.80	10.10
0.00	0.00	0.00

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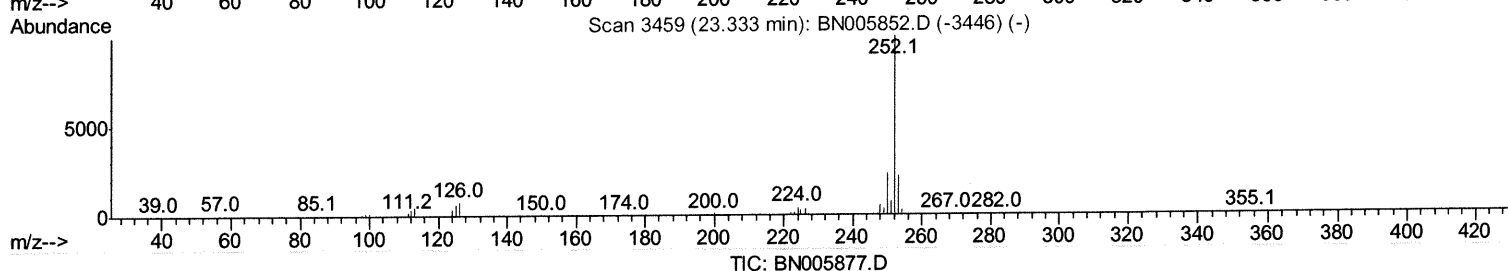
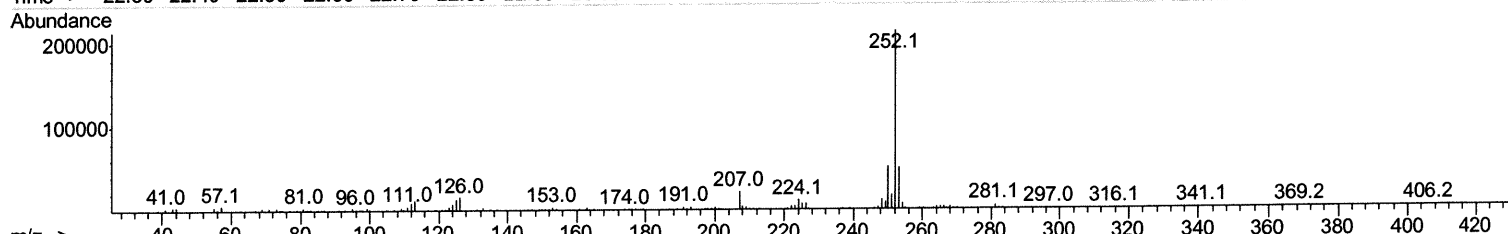
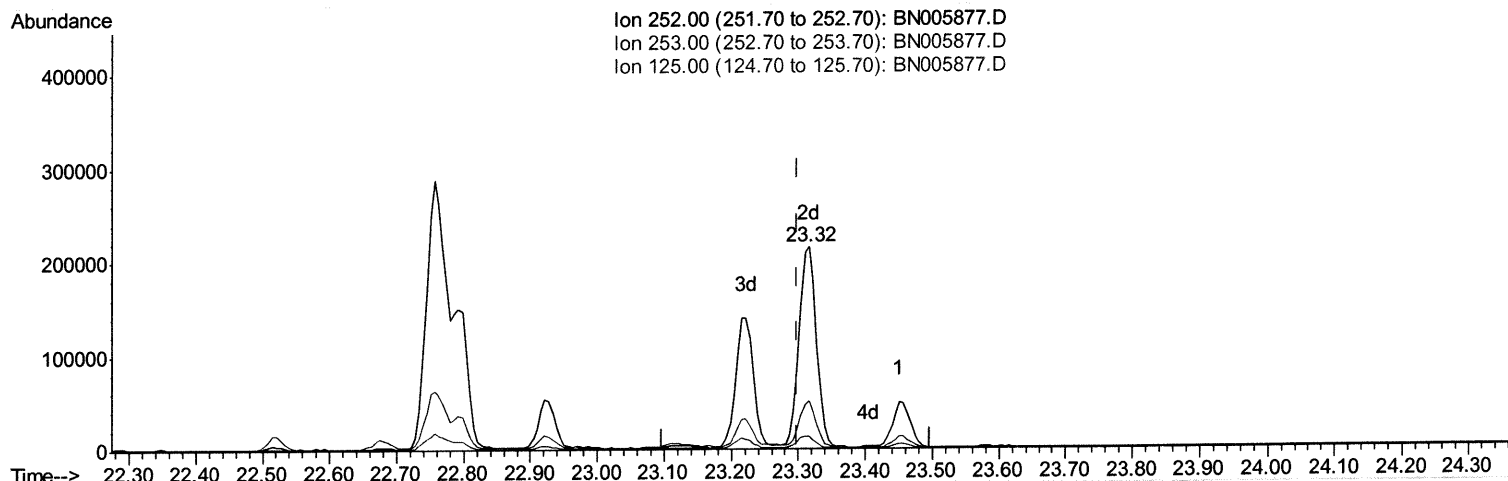
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

23.315min (+0.017) 10.55ng/ul m *JU 06/04/19*

response 379992

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.48
125.00	10.80	6.38#
0.00	0.00	0.00

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 ALS Vial : 26 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87551	20.00	nq/ul	0.00
18) Naphthalene-d8	10.32	136	384024	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.20	164	258914	20.00	nq/ul	0.00
61) Phenanthrene-d10	16.96	188	649456	20.00	nq/ul	0.00
77) Chrysene-d12	21.20	240	698434	20.00	nq/ul	0.00
85) Perylene-d12	23.40	264	675949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	9067	5.80	nq/uL	0.00
5) Phenol-d5	6.76	99	187146	27.66	nq/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.90	67	107618	30.48	nq/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	164123	30.17	nq/ul	0.00
13) 4-Methylphenol-d8	8.28	113	158389	27.37	nq/ul	0.00
19) Nitrobenzene-d5	8.71	128	84941	30.46	nq/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	95661	29.72	nq/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	182259	29.66	nq/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	163915	24.03	nq/ul	0.00
43) Dimethylphthalate-d6	13.62	166	649144	32.58	nq/ul	0.00
46) Acenaphthylene-d8	13.89	160	780904	32.26	nq/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	74306m>	26.48	nq/ul	0.01
57) Fluorene-d10	15.20	176	595193	34.79	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	31408	8.05	nq/ul	0.00
70) Anthracene-d10	17.06	188	929587	33.13	nq/ul	0.00
78) Pyrene-d10	19.37	212	1113748	32.36	nq/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	982618	32.41	ng/ul	0.01
Target Compounds						
44) Dimethylphthalate	13.66	163	179941	9.161	nq/ul#	98
47) Acenaphthylene	13.92	152	35957	1.543	nq/ul	98
69) Phenanthrene	17.00	178	370837	11.519	nq/ul	99
71) Anthracene	17.10	178	94883	2.895	nq/ul	98
74) Carbazole	17.38	167	32160	1.113	nq/ul	98
76) Fluoranthene	19.04	202	923481	23.202	nq/ul#	89
79) Pyrene	19.40	202	829262	19.335	nq/ul#	87
80) Butylbenzylphthalate	20.33	149	30026	1.709	nq/ul#	92
82) Benzo(a)anthracene	21.19	228	507724	11.539	nq/ul	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	225915	9.062	nq/ul#	98
84) Chrysene	21.23	228	491638	11.852	nq/ul	98
87) Benzo(b)fluoranthene	22.76	252	581250	15.631	nq/ul#	96
88) Benzo(k)fluoranthene	22.79	252	221052m>	6.143	nq/ul	
90) Benzo(a)pyrene	23.32	252	379992m>	10.553	nq/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	243028	5.520	nq/ul#	90
92) Dibenzo(a,h)anthracene	25.59	278	70731	1.909	nq/ul	96
93) Benzo(g,h,i)perylene	26.27	276	166910	4.535	nq/ul#	88

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

JU
 06/04/19