

Quantitation Report (QT Reviewed)

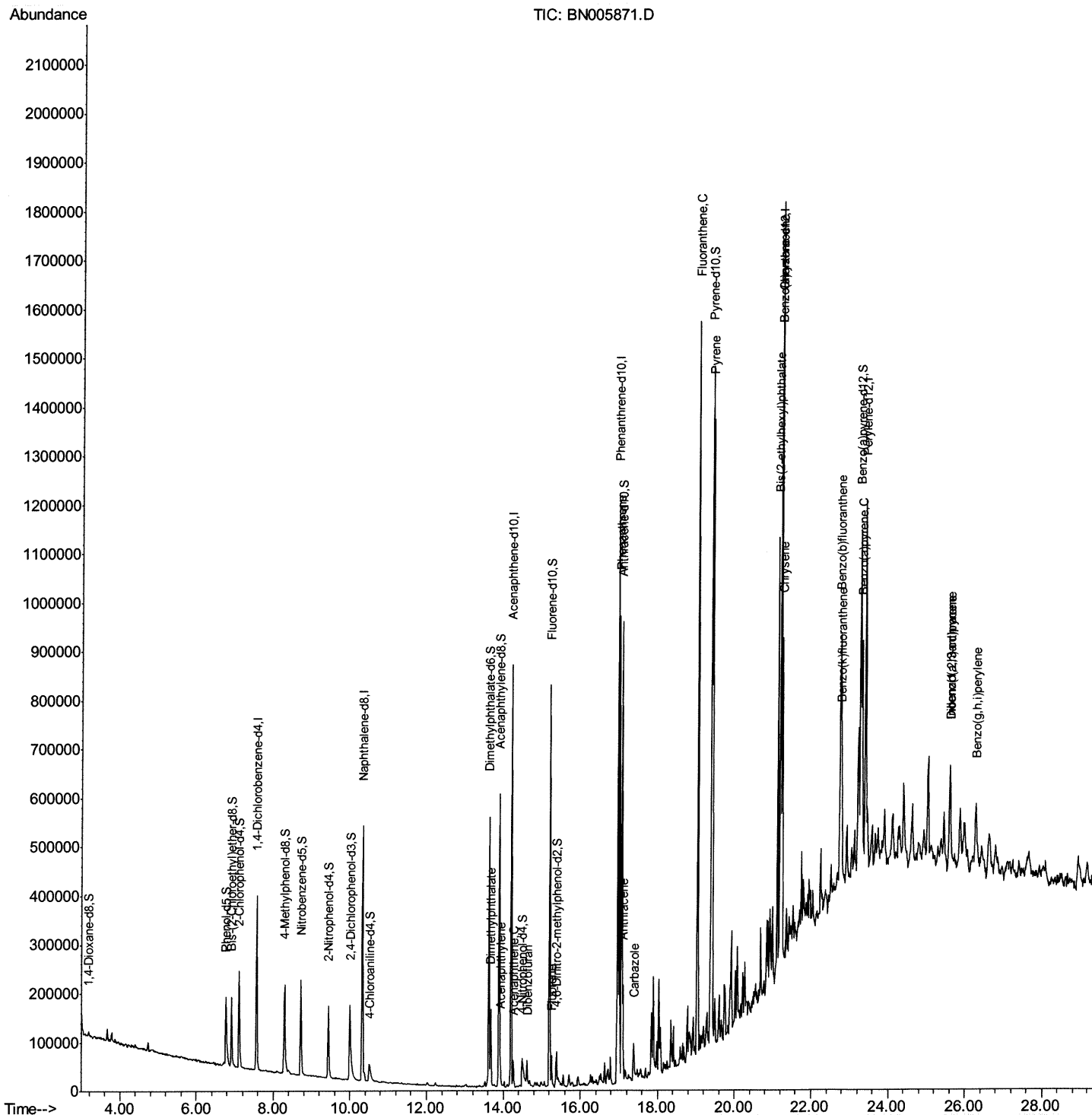
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005871.D
 Acq On : 23 May 2019 03:32
 Operator : JU/SJ
 Sample : K2927-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A7

Manual Integrations
 APPROVED

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

Quant Time: May 23 07:05:44 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
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Quantitation Report (Qedit)

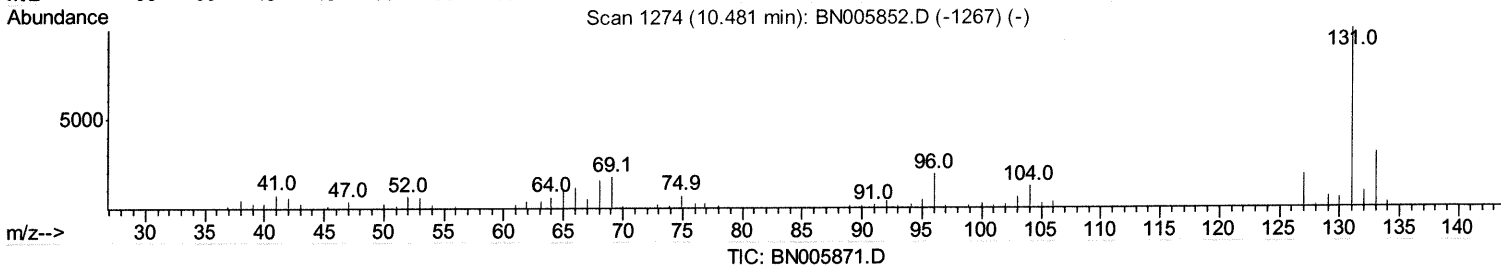
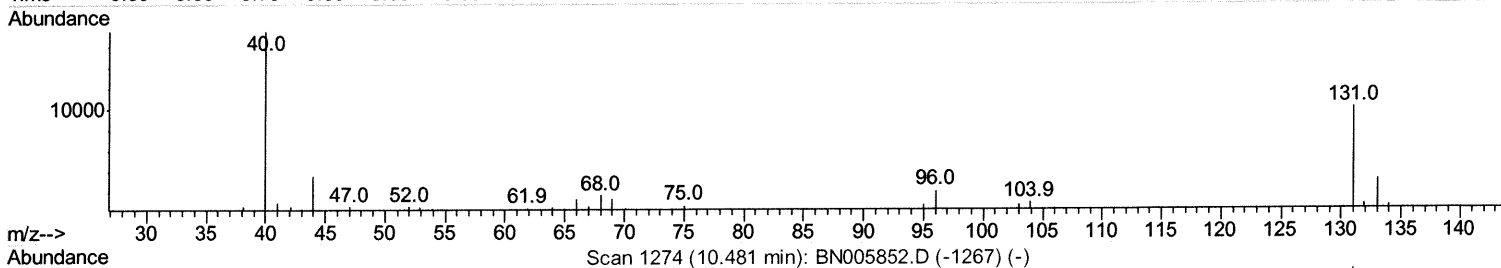
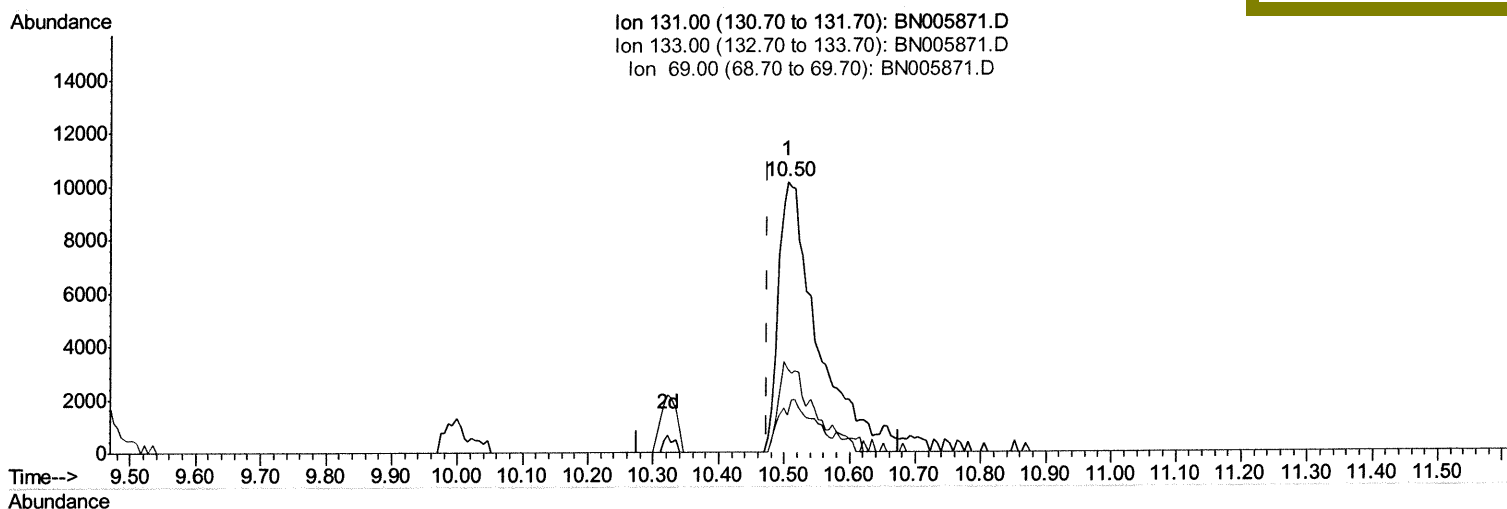
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(29) 4-Chloroaniline-d4 (S)

10.505min (+0.029) 5.15ng/ul

response 39185

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	30.95
69.00	18.90	13.79#
0.00	0.00	0.00

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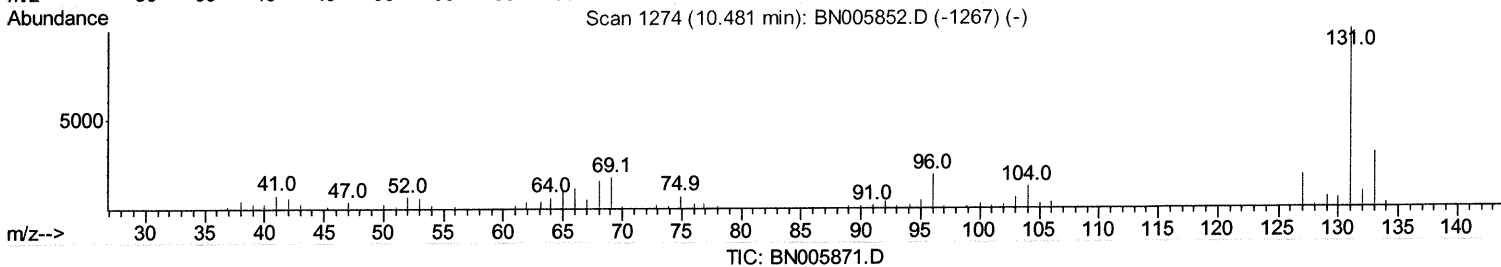
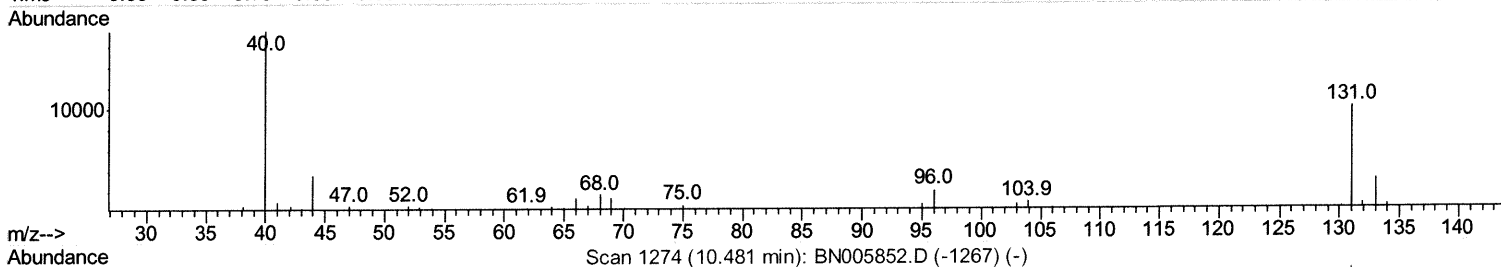
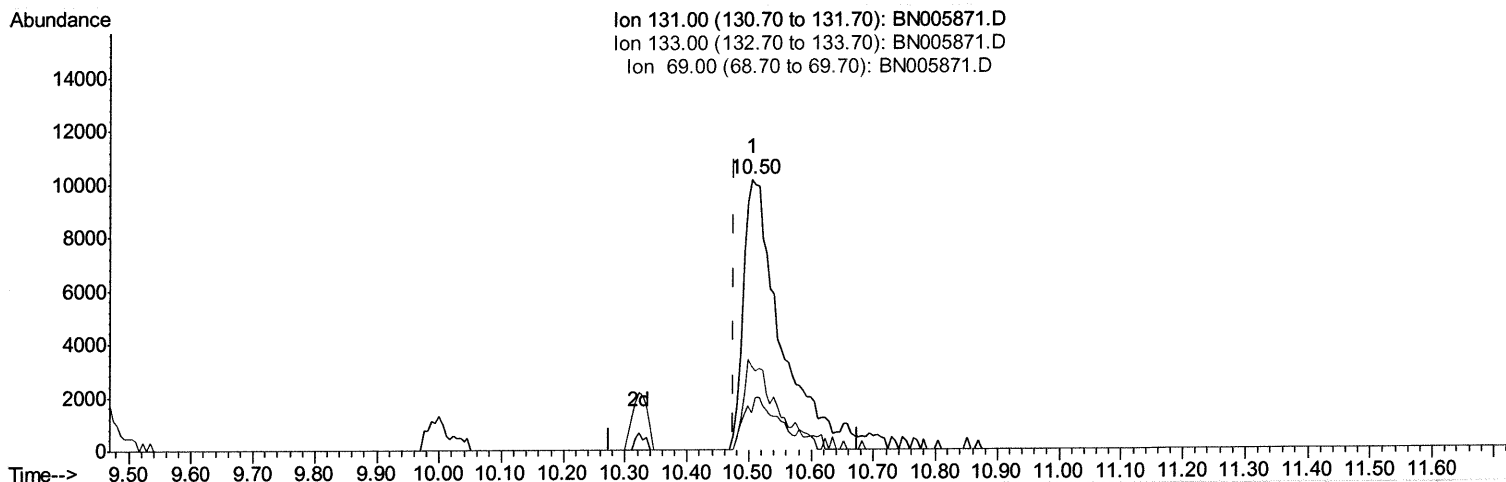
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(29) 4-Chloroaniline-d4 (S)

10.505min (+0.029) 5.72ng/ul m ^{JU} 06/04/19

response 43551

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	30.95
69.00	18.90	13.79#
0.00	0.00	0.00

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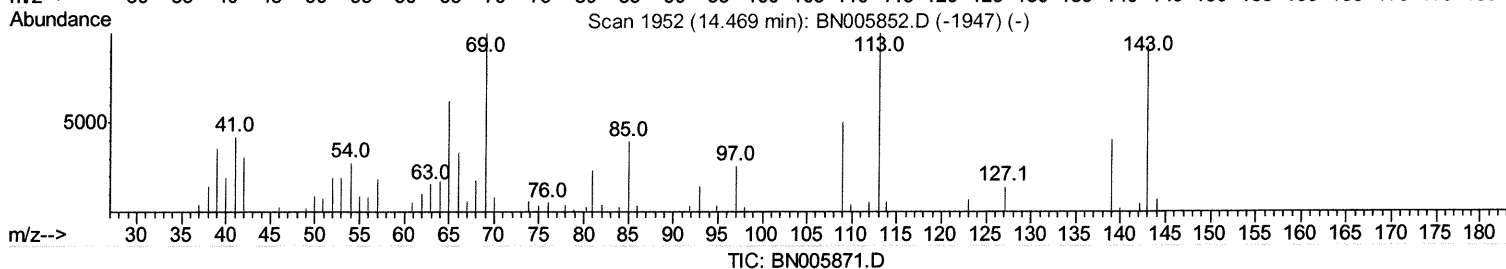
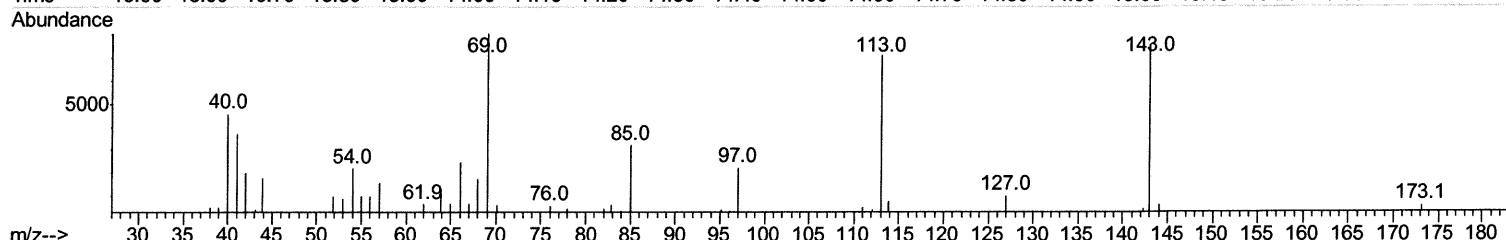
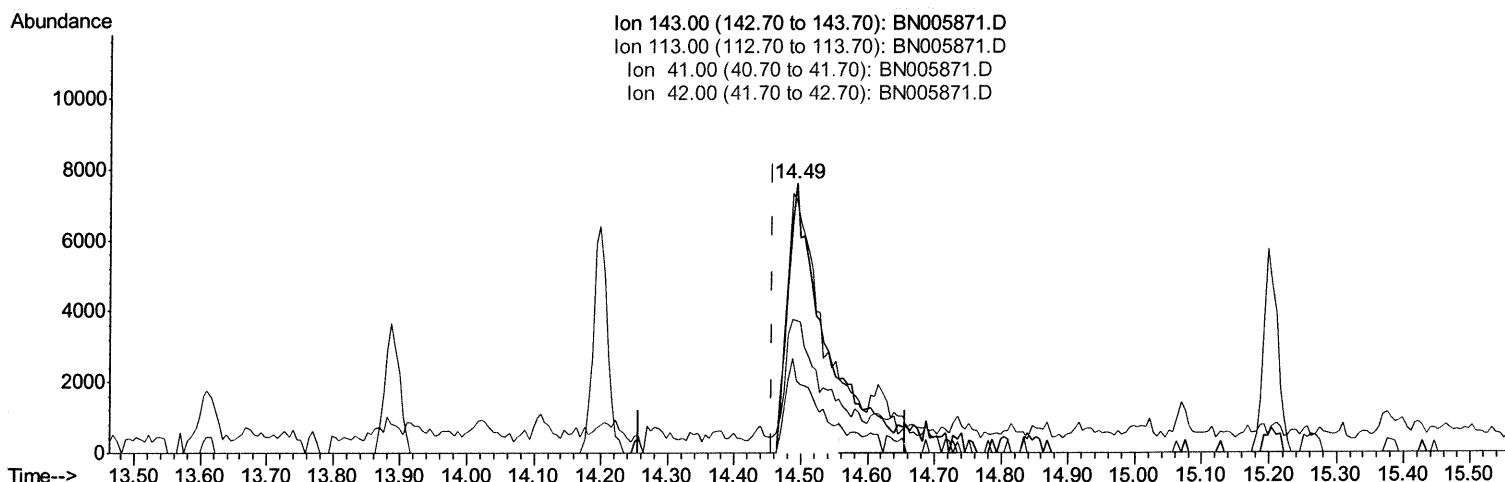
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(51) 4-Nitrophenol-d4 (S)

14.493min (+0.035) 7.69ng/ul

response 23272

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	93.63
41.00	47.90	48.88
42.00	31.70	26.64

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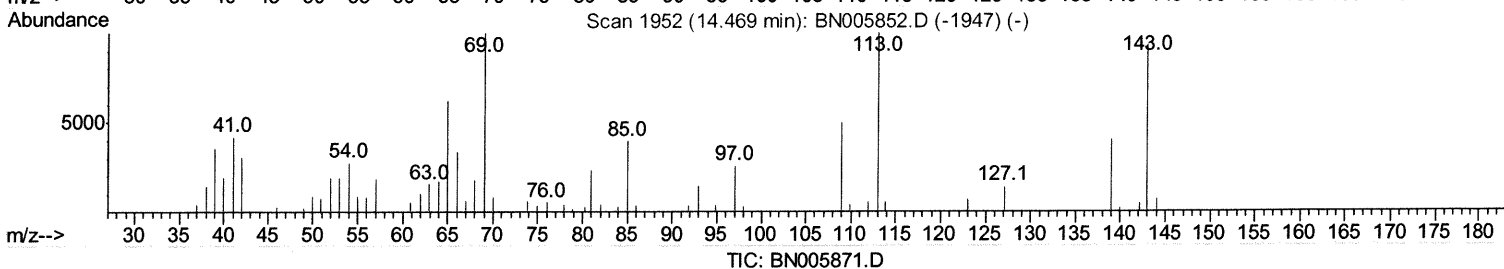
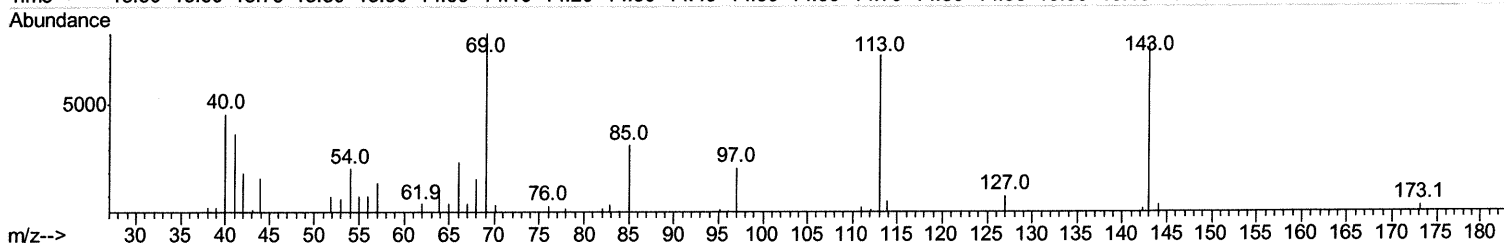
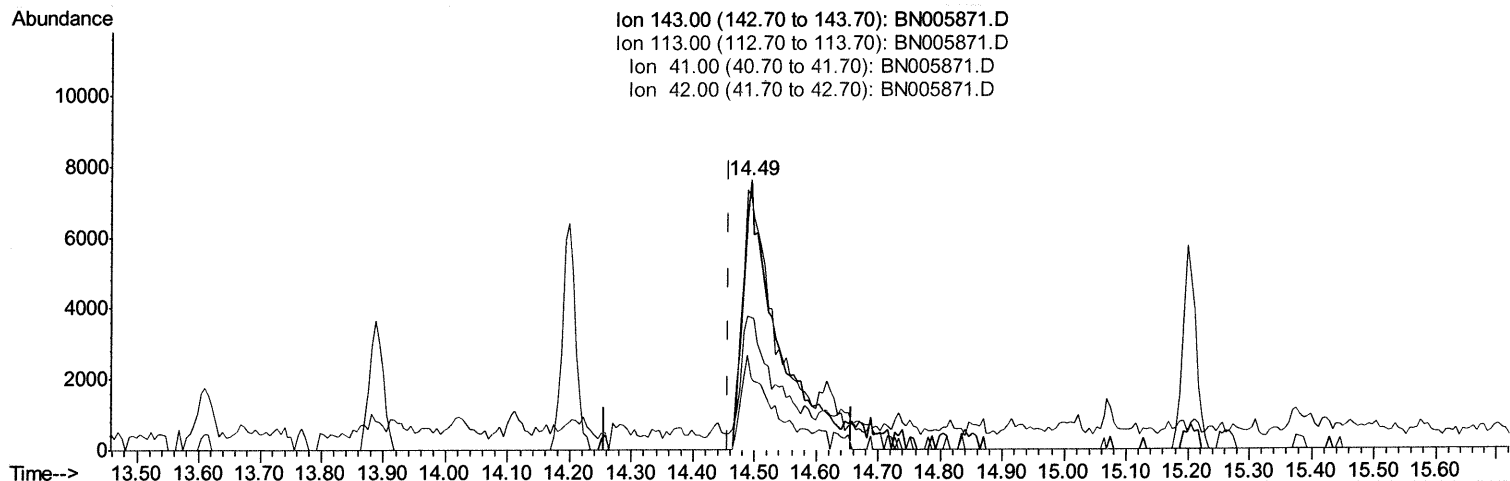
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(51) 4-Nitrophenol-d4 (S)

14.493min (+0.035) 10.67ng/ul m *JU 06/04/19*

response 32272

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	93.63
41.00	47.90	48.88
42.00	31.70	26.64

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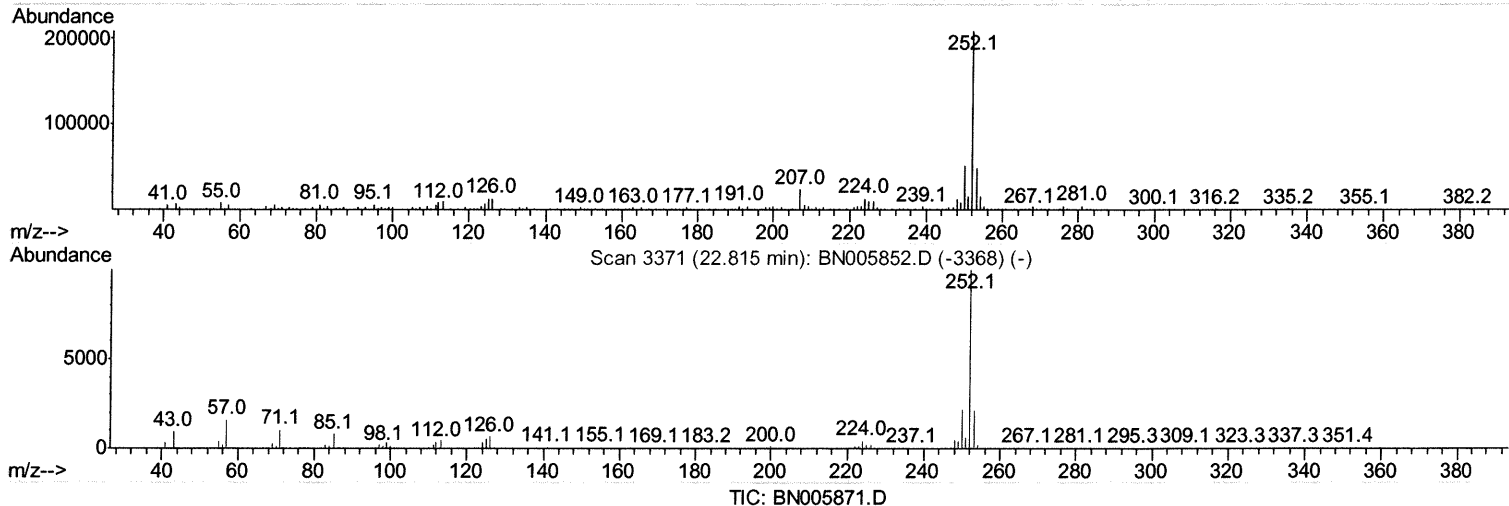
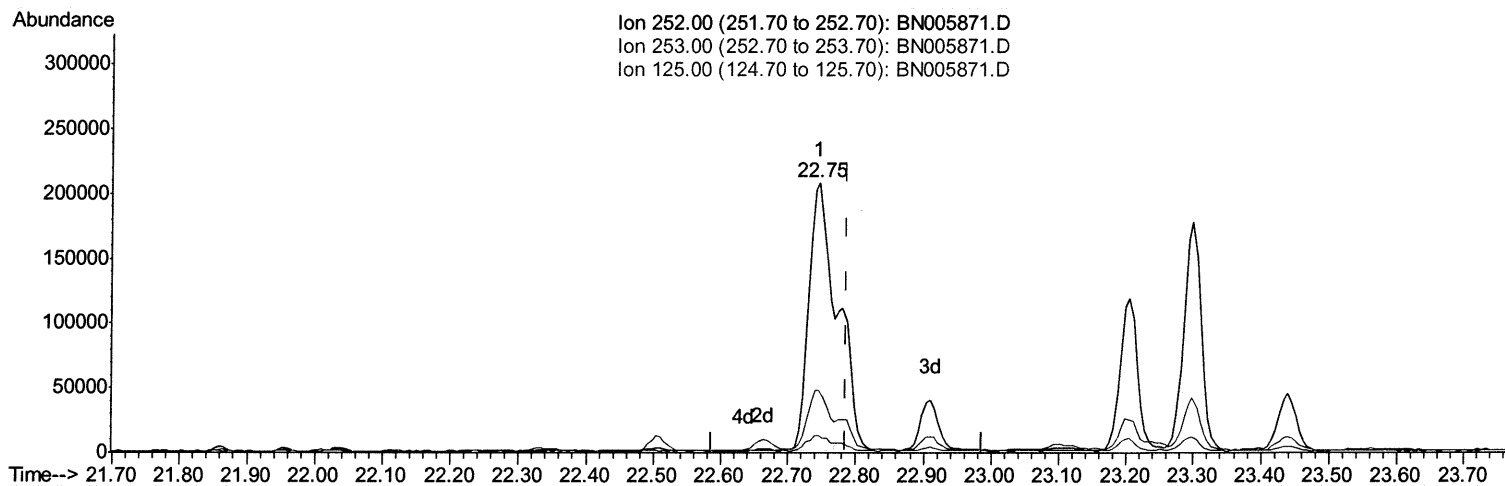
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(88) Benzo(k)fluoranthene

22.745min (-0.041) 14.47ng/ul

response 449335

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.23
125.00	9.40	6.18#
0.00	0.00	0.00

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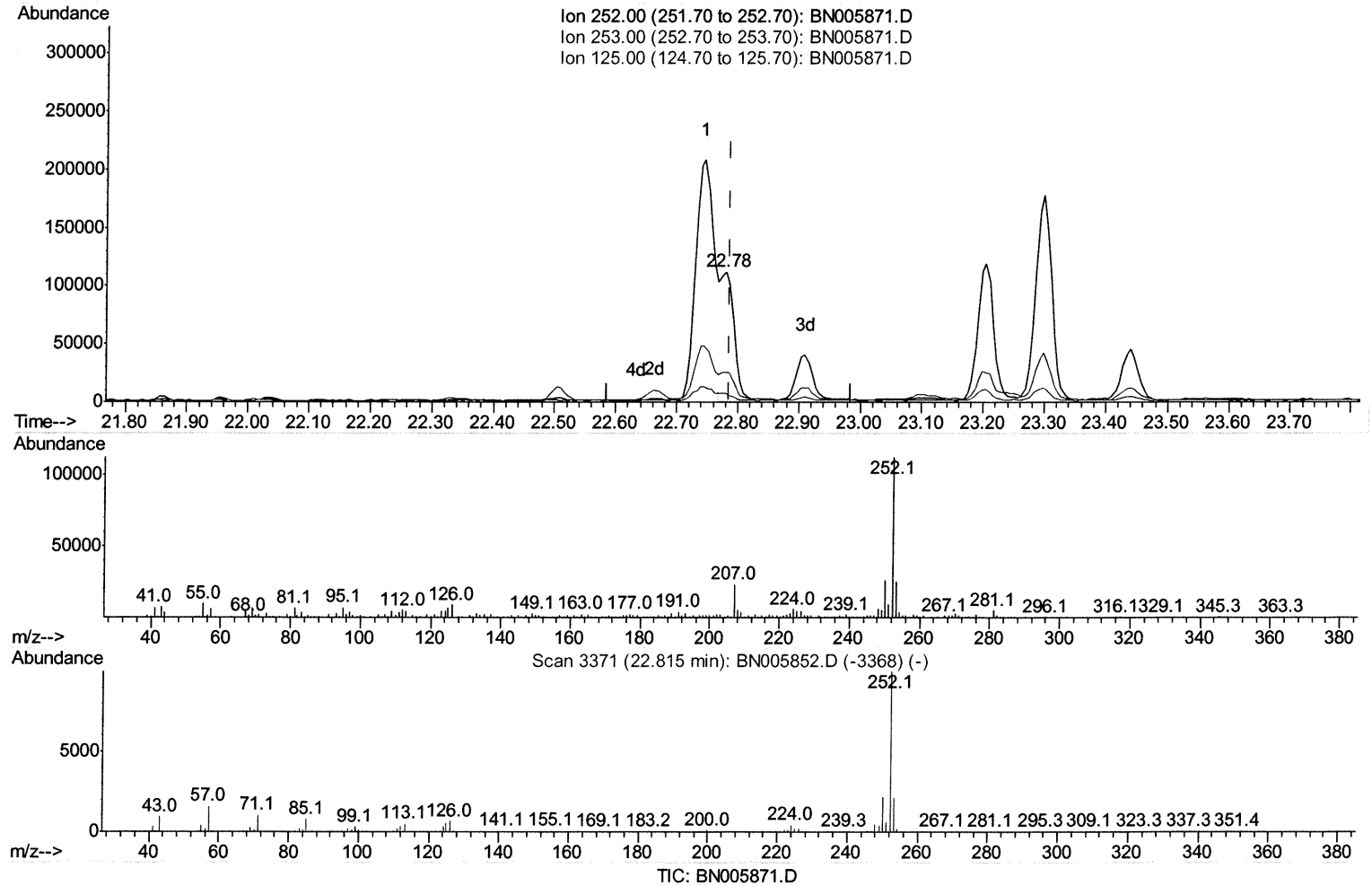
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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(88) Benzo(k)fluoranthene

22.780min (-0.006) 5.04ng/ul m⁵⁰
 06/04/19

response 156566

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.96
125.00	9.40	6.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

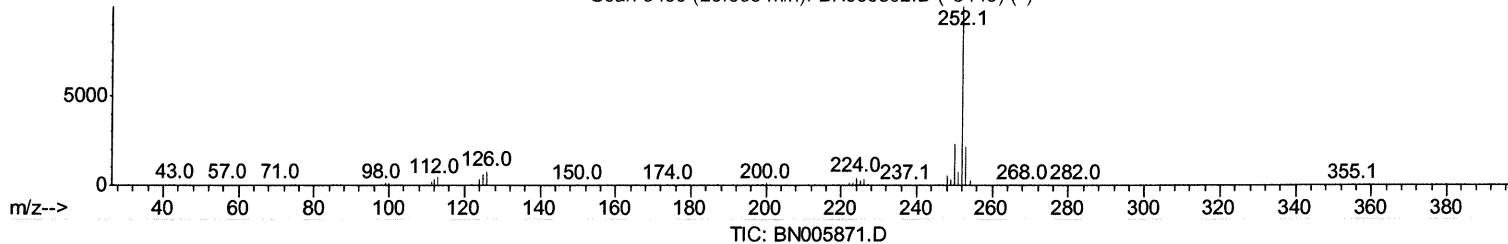
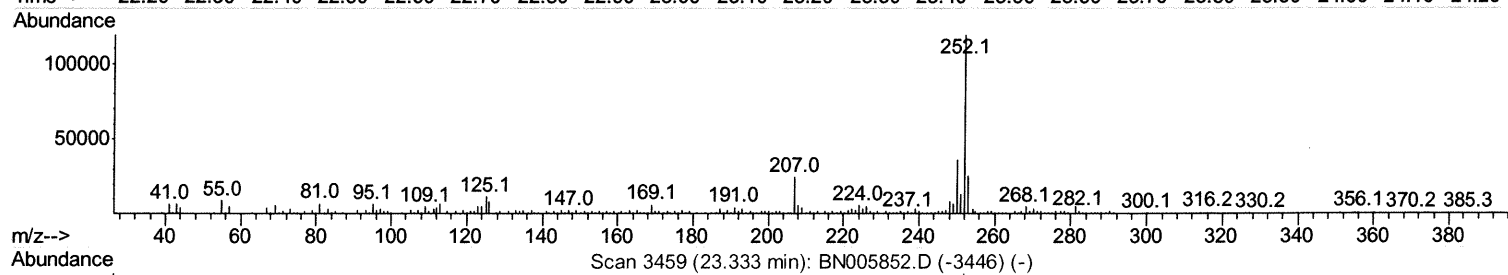
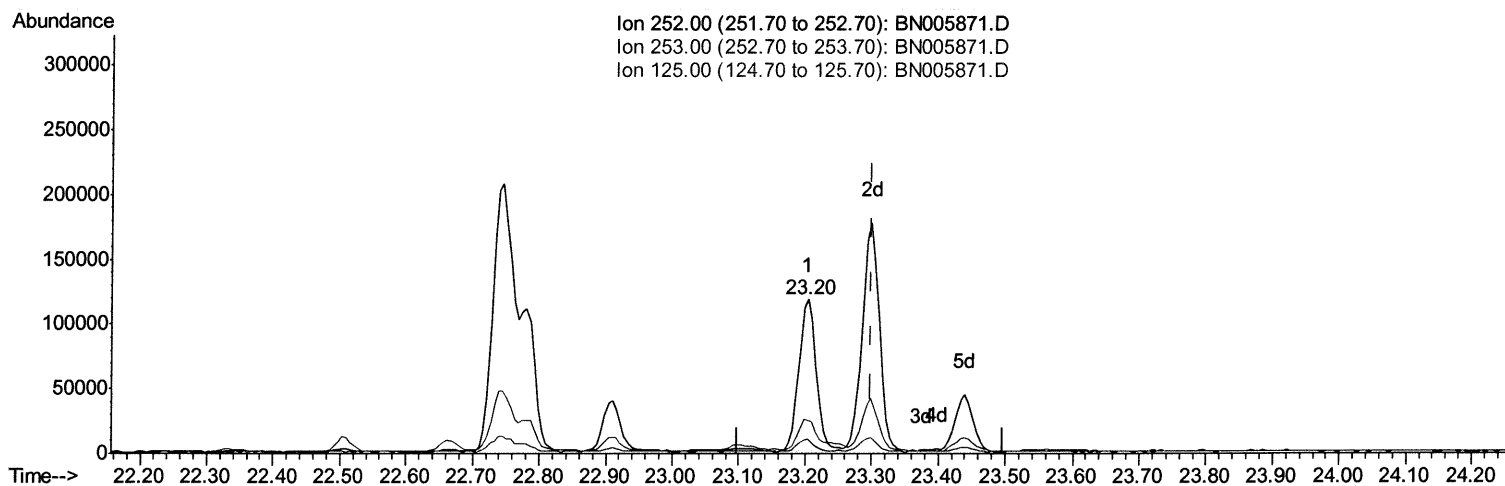
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(90) Benzo(a)pyrene (C)

23.204min (-0.094) 6.91ng/ul

response 214742

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.77
125.00	10.80	9.72
0.00	0.00	0.00

Quantitation Report (Qedit)

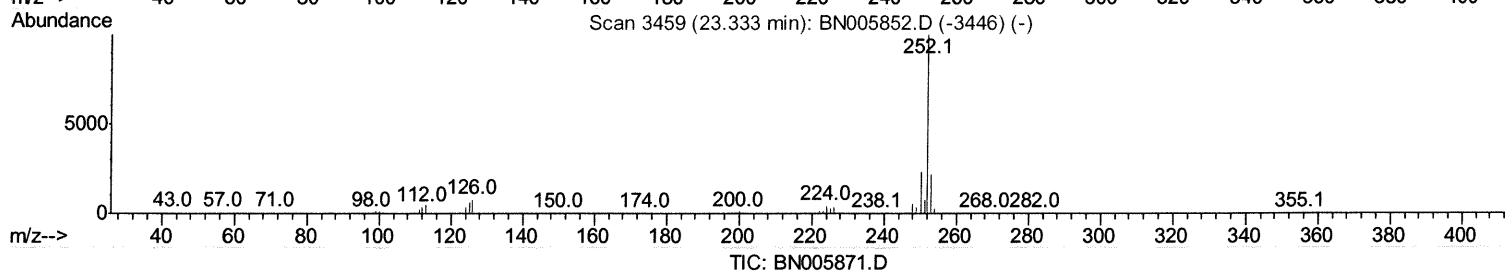
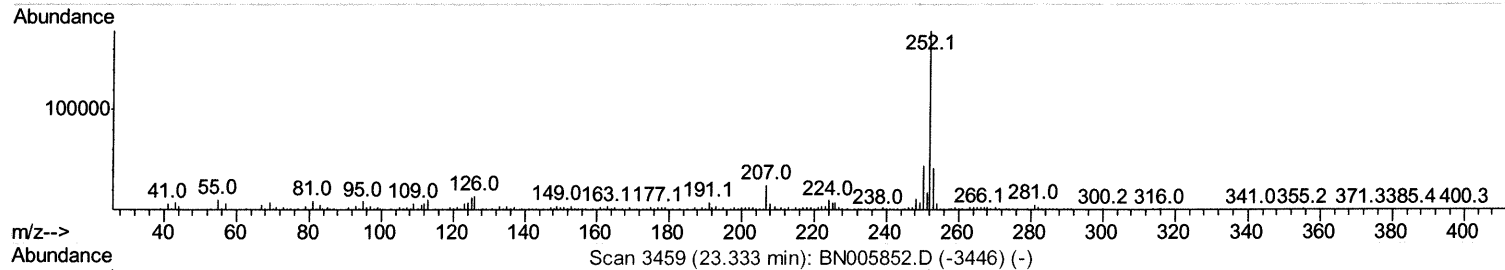
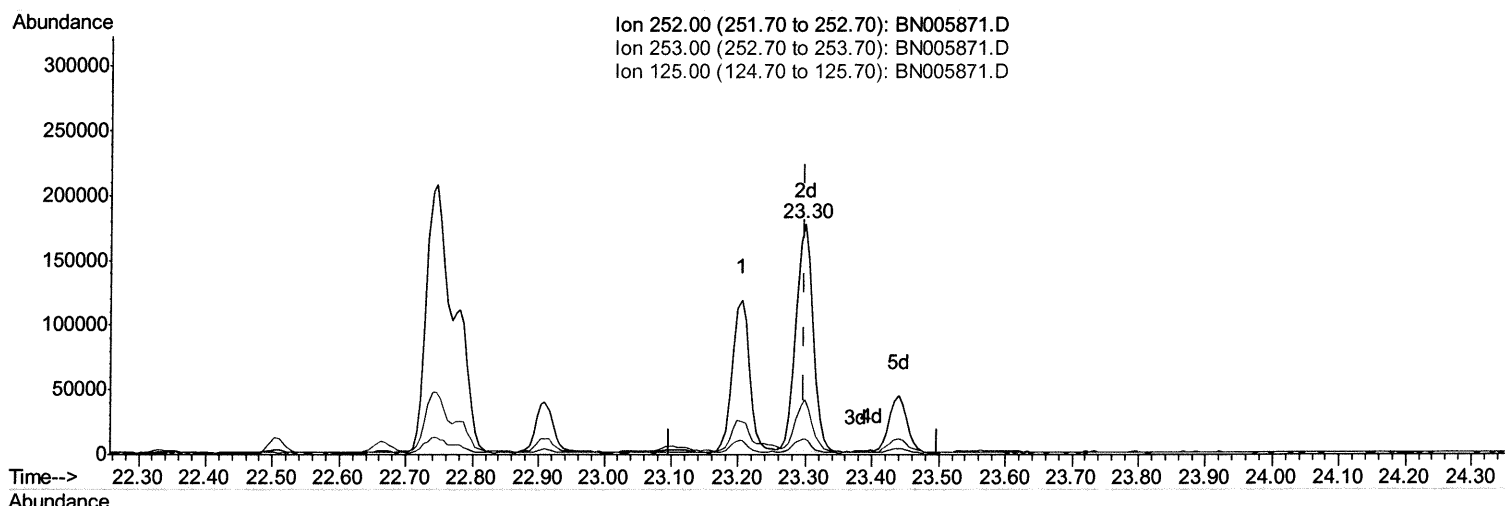
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 ALS Vial : 20 Sample Multiplier: 1

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 5/23/2019 3:31:23 PM



(90) Benzo(a)pyrene (C)

23.298min (0.000) 10.23ng/ul m *JU 06/04/19*

response 317946

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.69
125.00	10.80	7.13#
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	7.56	152	104976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	428669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	279133	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	703058	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	609543	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	583386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	5870	3.13	ng/uL	0.00
5) Phenol-d5	6.77	99	112695	13.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	66392	15.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	98989	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	86373	12.45	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	47502	15.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	51424	14.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	105492	15.38	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	43551m>	5.72	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	361665	16.84	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	446347	17.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	32272m>	10.67	ng/ul	0.04
57) Fluorene-d10	15.20	176	336520	18.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	18575	4.40	ng/ul	0.02
70) Anthracene-d10	17.06	188	536843	17.68	ng/ul	0.00
78) Pyrene-d10	19.37	212	606157	20.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	455986	17.42	ng/ul	0.00

JU
 06/04/19

Target Compounds

					Ovalue
44) Dimethylphthalate	13.67	163	105859	4.999 ng/ul	99
47) Acenaphthylene	13.92	152	34103	1.357 ng/ul#	96
49) Acenaphthene	14.26	153	21772	1.279 ng/ul	92
53) Dibenzofuran	14.62	168	25434	1.007 ng/ul	88
58) Fluorene	15.26	166	28067	1.366 ng/ul#	92
69) Phenanthrene	17.00	178	563471	16.168 ng/ul	99
71) Anthracene	17.10	178	131980	3.719 ng/ul	97
74) Carbazole	17.38	167	43433	1.388 ng/ul	98
76) Fluoranthene	19.03	202	929362	21.570 ng/ul#	88
79) Pyrene	19.40	202	807470	21.572 ng/ul#	85
82) Benzo(a)anthracene	21.17	228	430607	11.213 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	281468	12.936 ng/ul#	98
84) Chrysene	21.23	228	378629	10.459 ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	449335	14.000 ng/ul#	95
88) Benzo(k)fluoranthene	22.78	252	156566m>	5.042 ng/ul	
90) Benzo(a)pyrene	23.30	252	317946m>	10.231 ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	203991	5.369 ng/ul#	90
92) Dibenzo(a,h)anthracene	25.58	278	61119	1.911 ng/ul#	88
93) Benzo(g,h,i)perylene	26.26	276	162170	5.106 ng/ul#	87

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