

Quantitation Report (QT Reviewed)

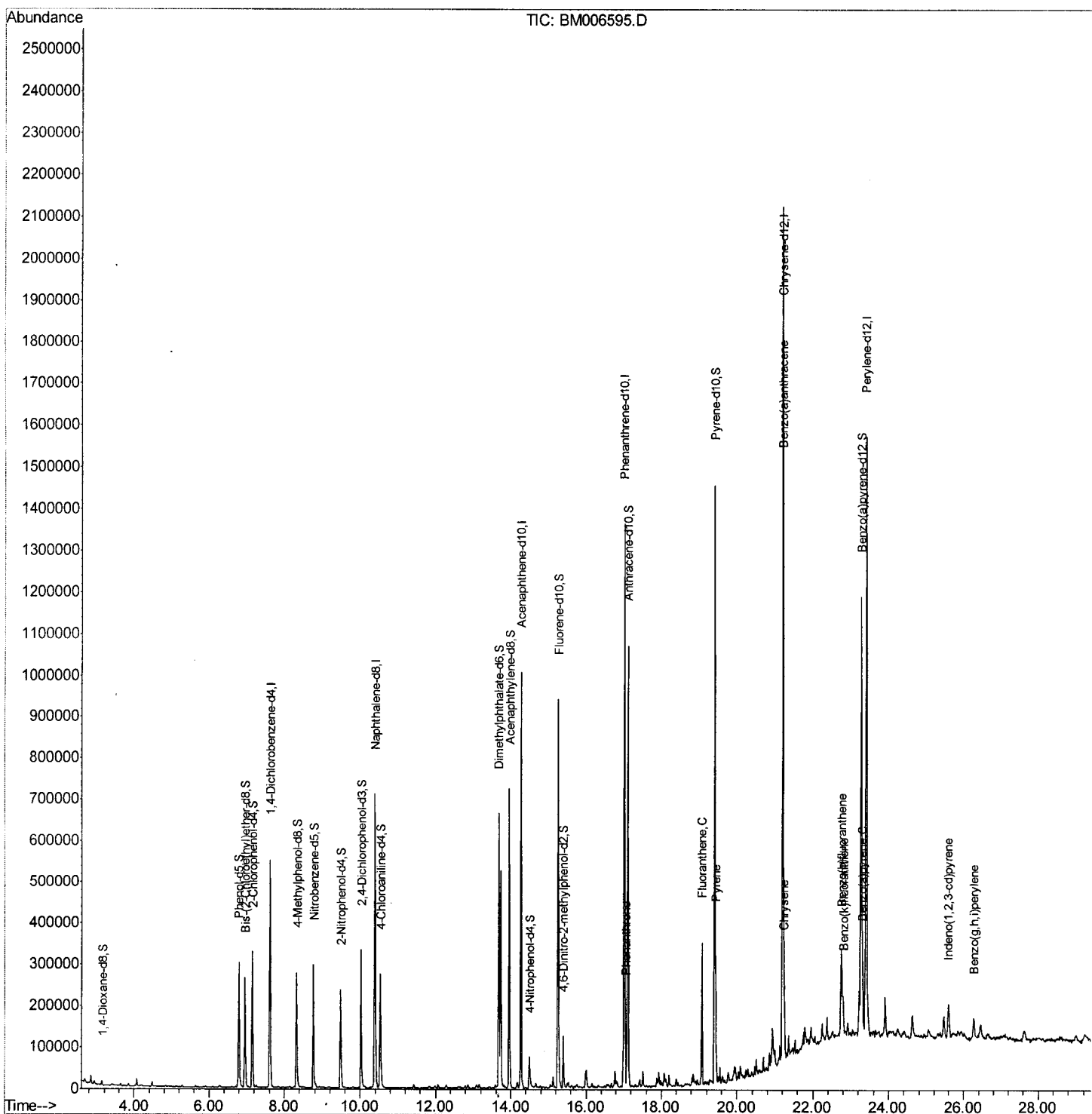
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
 Data File : BM006595.D
 Acq On : 21 Jul 2016 19:46
 Operator : UM/SJ
 Sample : H4078-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YS2

Manual Integration

umangi
 7/22/2016 6:24:23 PM

Quant Time: Jul 22 02:15:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 22 01:56:00 2016
 Response via : Initial Calibration



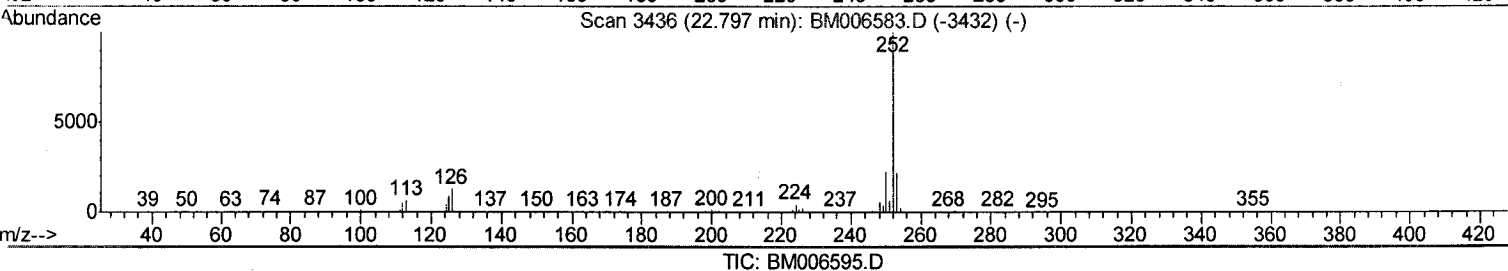
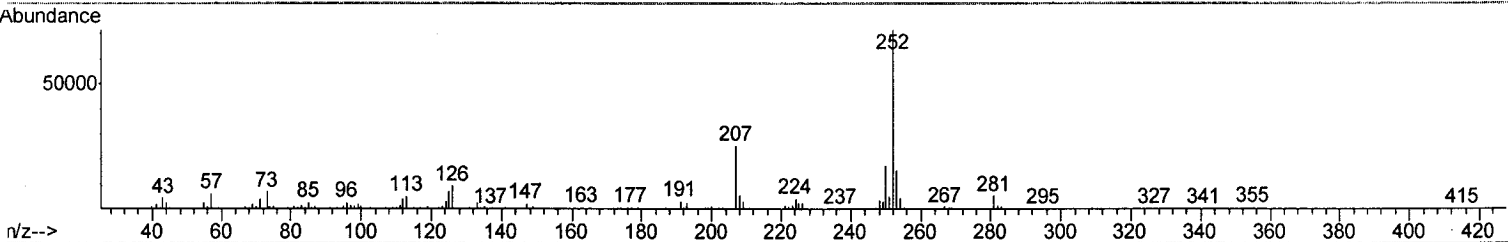
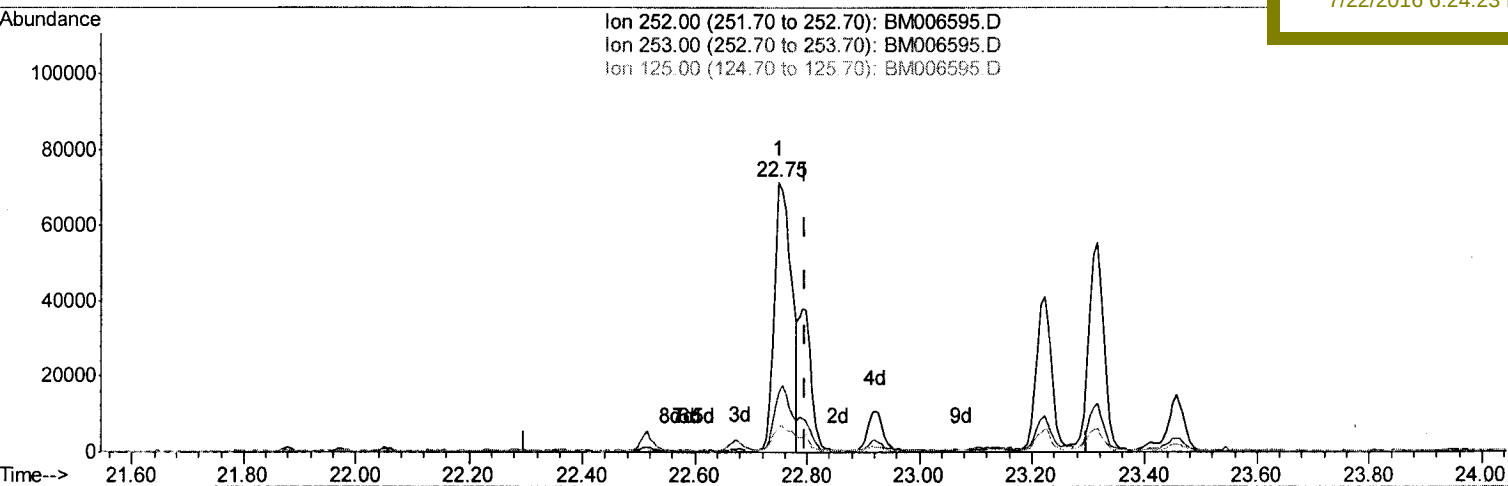
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(36) Benzo(k)fluoranthene

22.750min (-0.047) 2.60ng/ul

response 153774

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	21.67
125.00	9.60	9.79
0.00	0.00	0.00

Quantitation Report (Qedit)

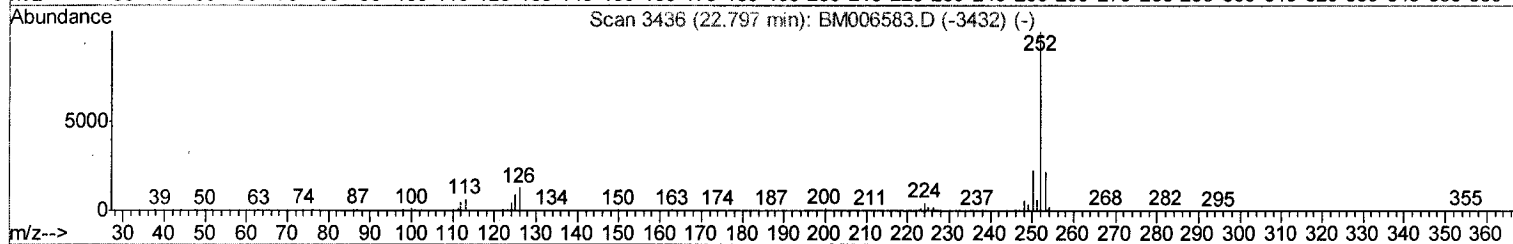
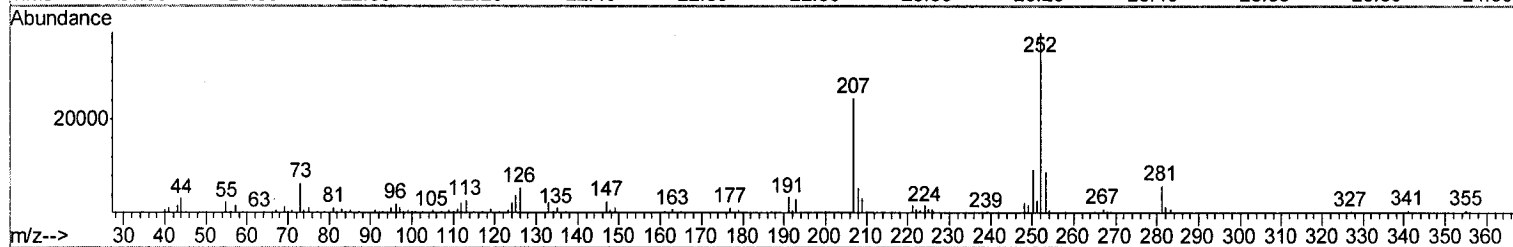
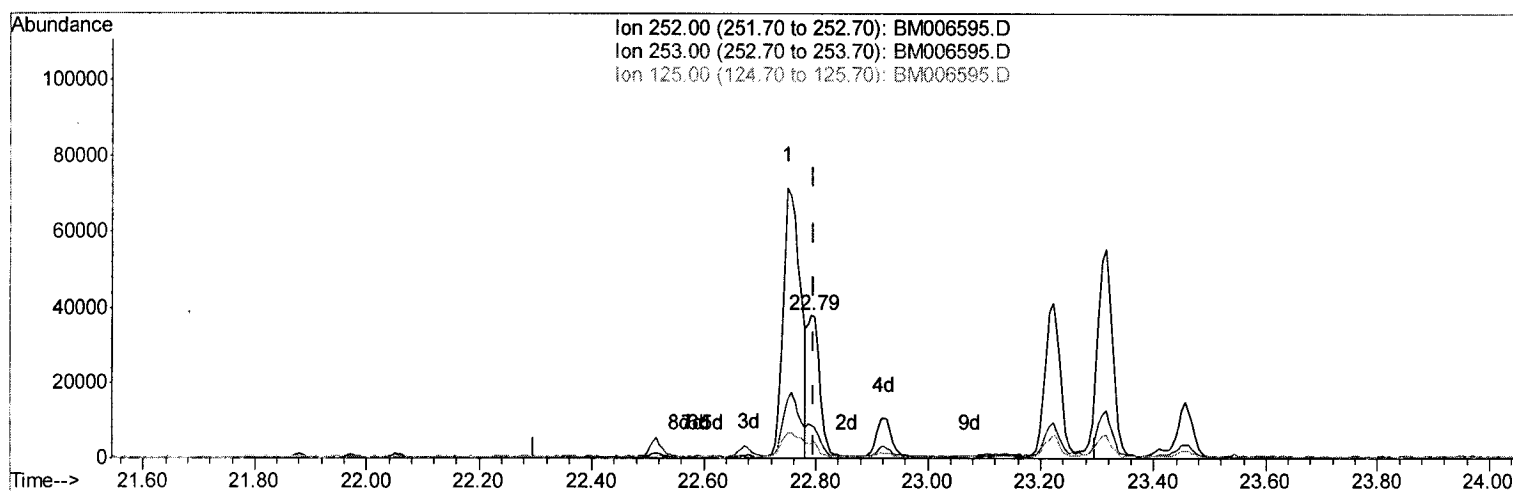
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TIC: BM006595.D

(36) Benzo(k)fluoranthene

22.791min (-0.006) 1.01ng/ul m

response 59792

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.95
125.00	9.60	10.48
0.00	0.00	0.00

U.M
07/26/16

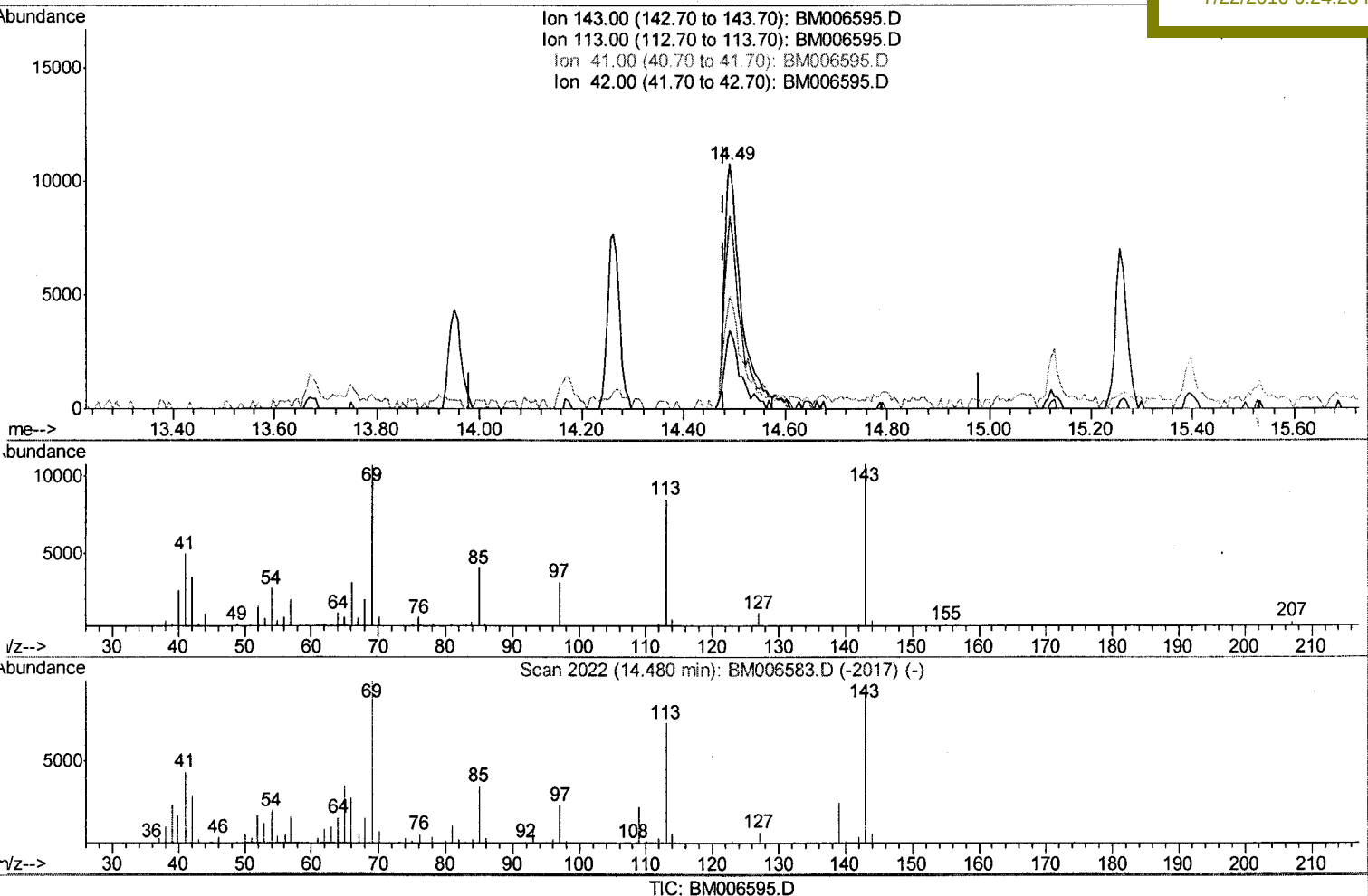
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Operator : UM/SJ
Sample : H4078-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integration

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Quant Time: Jul 22 01:56:53 2016
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(20) 4-Nitrophenol-d4 (S)

14.492min (+0.012) 5.31ng/ul

response 24823

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	78.86#
41.00	49.70	46.05
42.00	33.70	31.97

Quantitation Report (Qedit)

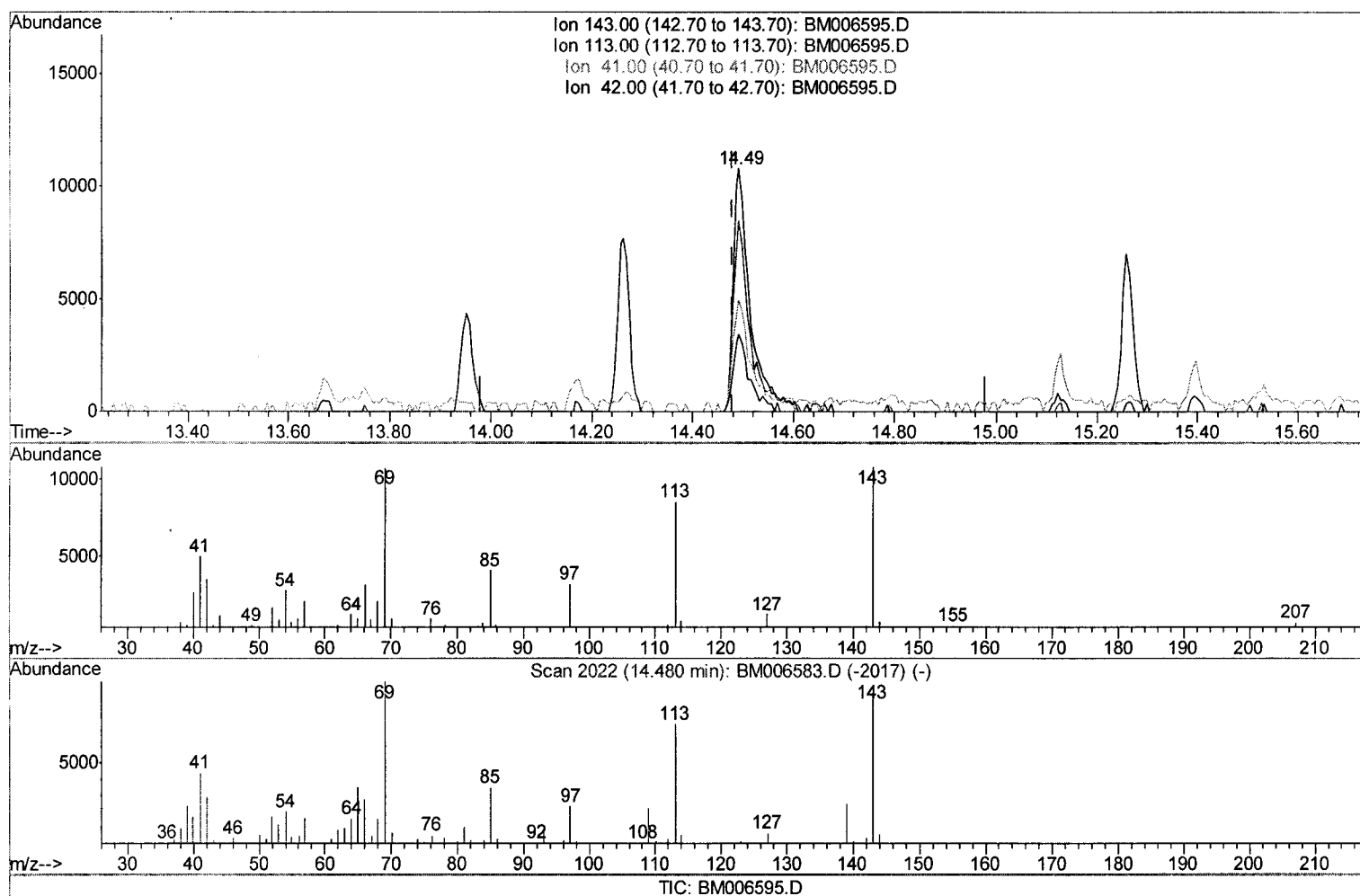
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(20) 4-Nitrophenol-d4 (S)

14.492min (+0.012) 5.48ng/ul m

response 25617

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	78.86#
41.00	49.70	46.05
42.00	33.70	31.97

U.M
 07/26/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142055	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	602561	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	343008	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	801641	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	980016	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1021556	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5159	1.47	ng/uL	0.00
3) Phenol-d5	6.79	99	166038	13.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	122780	16.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	143073	14.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	102294	10.91	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	69335	15.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	70461	14.53	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	131252	14.32	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	151946	15.05	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	431672	16.05	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	543990	15.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	25617m	5.48	ng/ul	0.01
21) Fluorene-d10	15.26	176	396999	16.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	26009	6.25	ng/ul	0.00
26) Anthracene-d10	17.11	188	608107	15.98	ng/ul	0.00
30) Pyrene-d10	19.42	212	709213	15.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	749113	15.94	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	97683	2.17	ng/ul	99
28) Fluoranthene	19.08	202	209787	3.96	ng/ul	99
31) Pyrene	19.44	202	178402	3.01	ng/ul	97
32) Benzo(a)anthracene	21.20	228	104828	1.76	ng/ul	97
33) Chrysene	21.25	228	113332	2.07	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	153774	2.51	ng/ul	98
36) Benzo(k)fluoranthene	22.79	252	59792m	1.01	ng/ul	97
38) Benzo(a)pyrene	23.31	252	103147	1.73	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.60	276	76266	1.10	ng/ul	98
41) Benzo(g,h,i)perylene	26.27	276	64331	1.09	ng/ul	96

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