

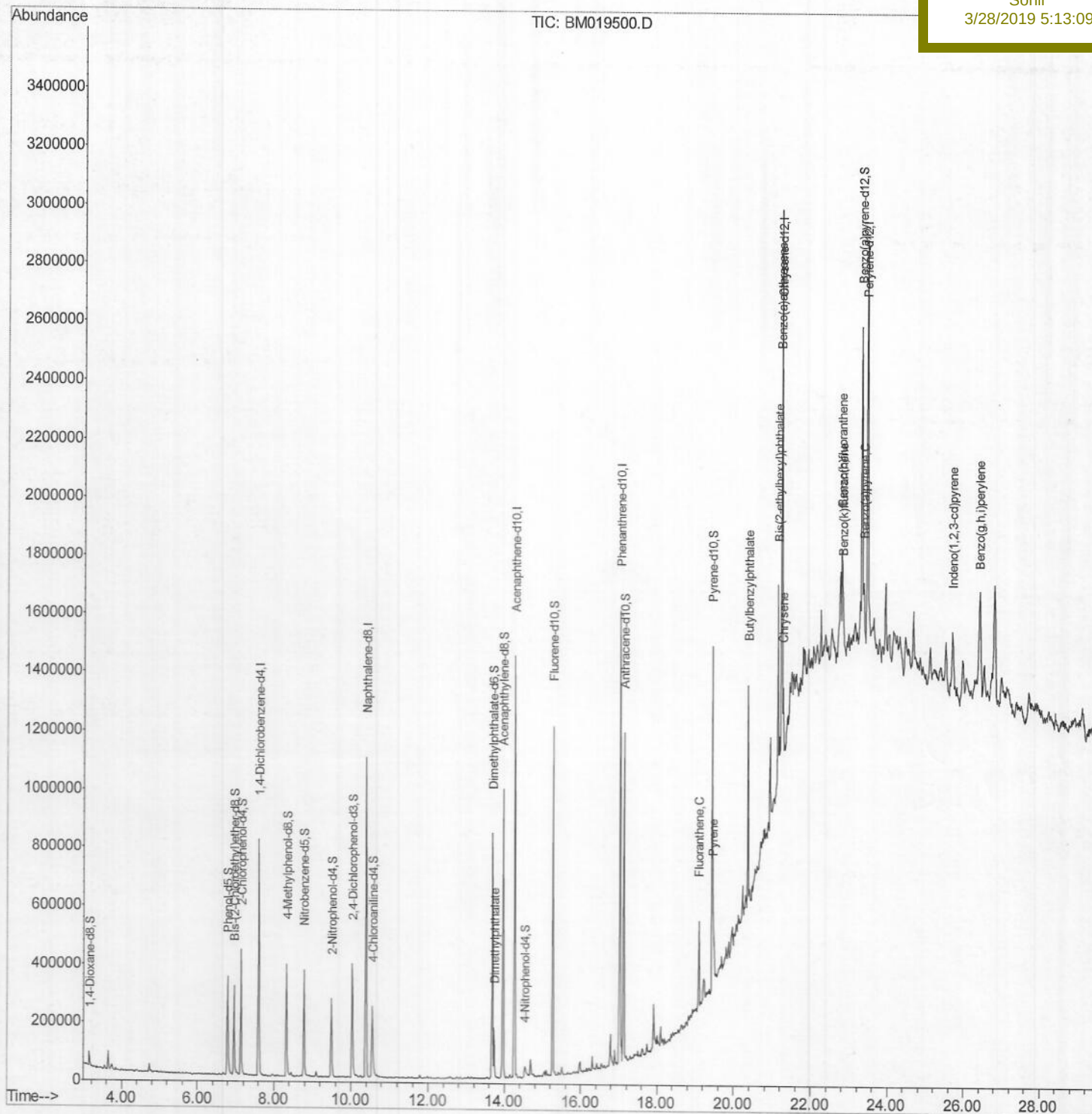
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032619\
Data File : BM019500.D
Acq On : 27 Mar 2019 09:20
Operator : JU/SJ
Sample : K2031-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 28 04:49:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 27 03:30:35 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
BF5R8

Manual Integrations
APPROVED

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3/28/2019 5:13:09 PM



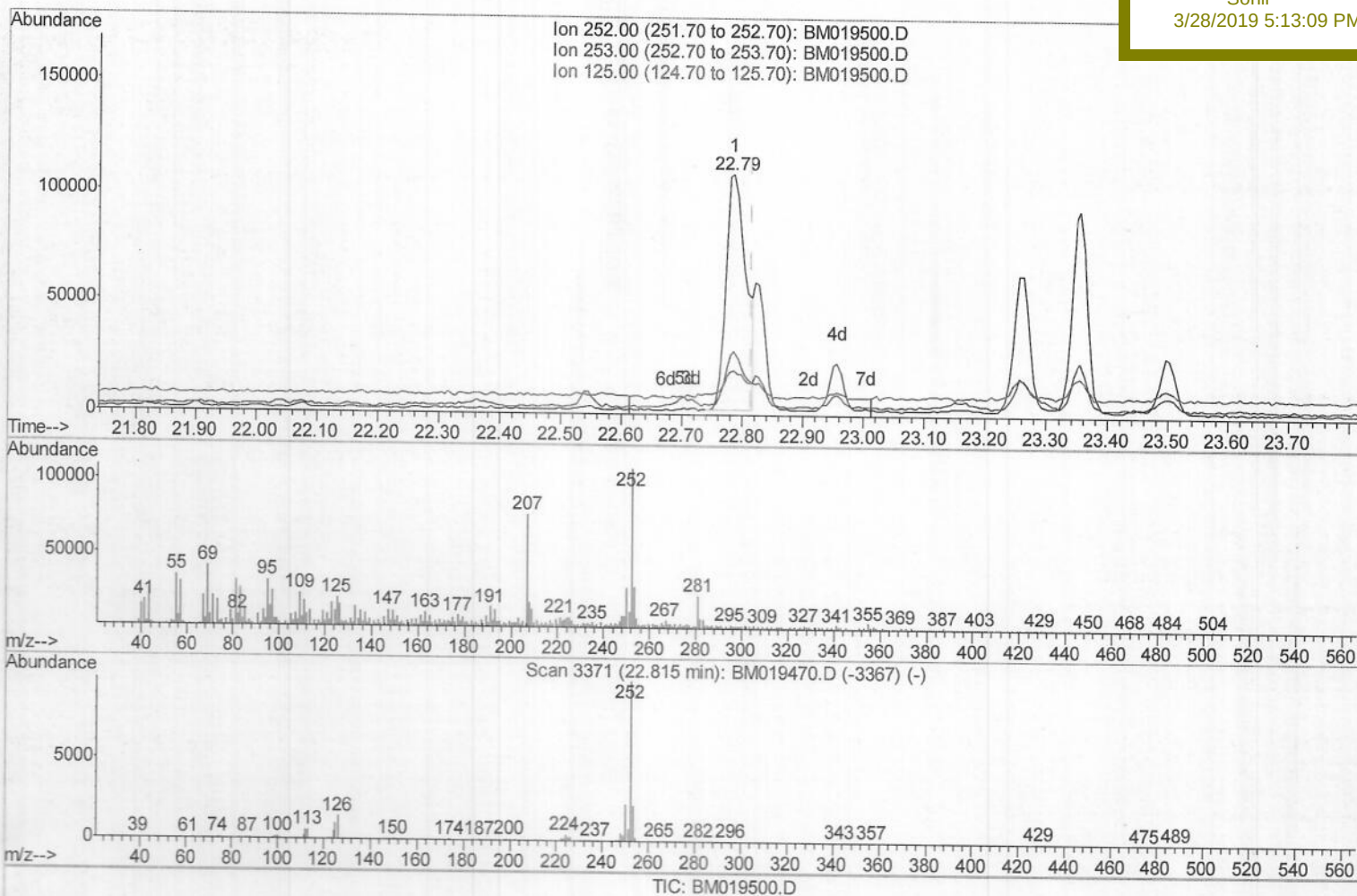
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(89) Benzo(k)fluoranthene

22.786min (-0.029) 4.25ng/ul

response 241751

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	26.01#
125.00	6.70	18.25#
0.00	0.00	0.00

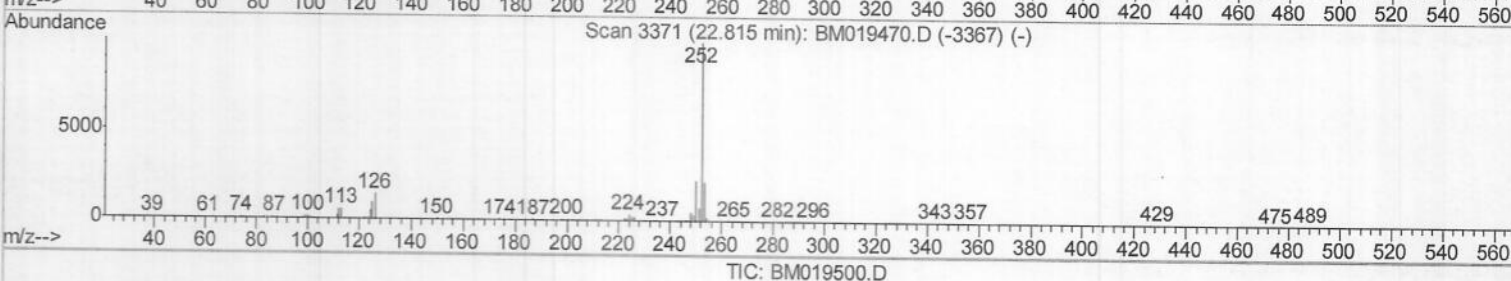
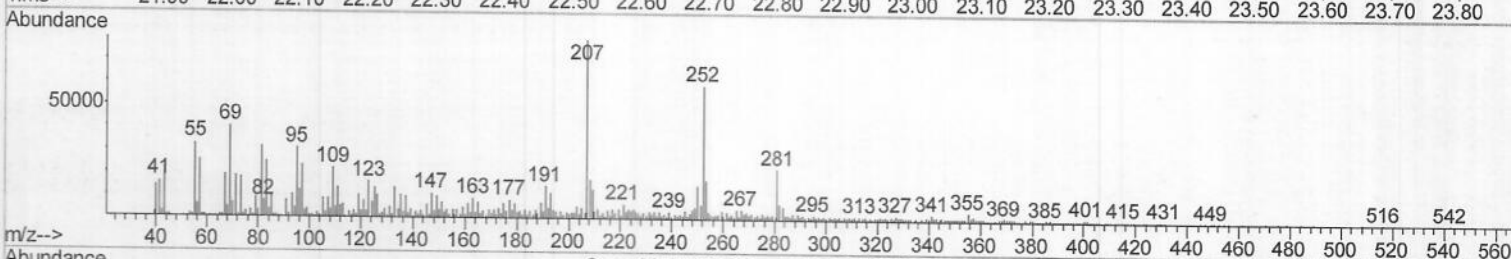
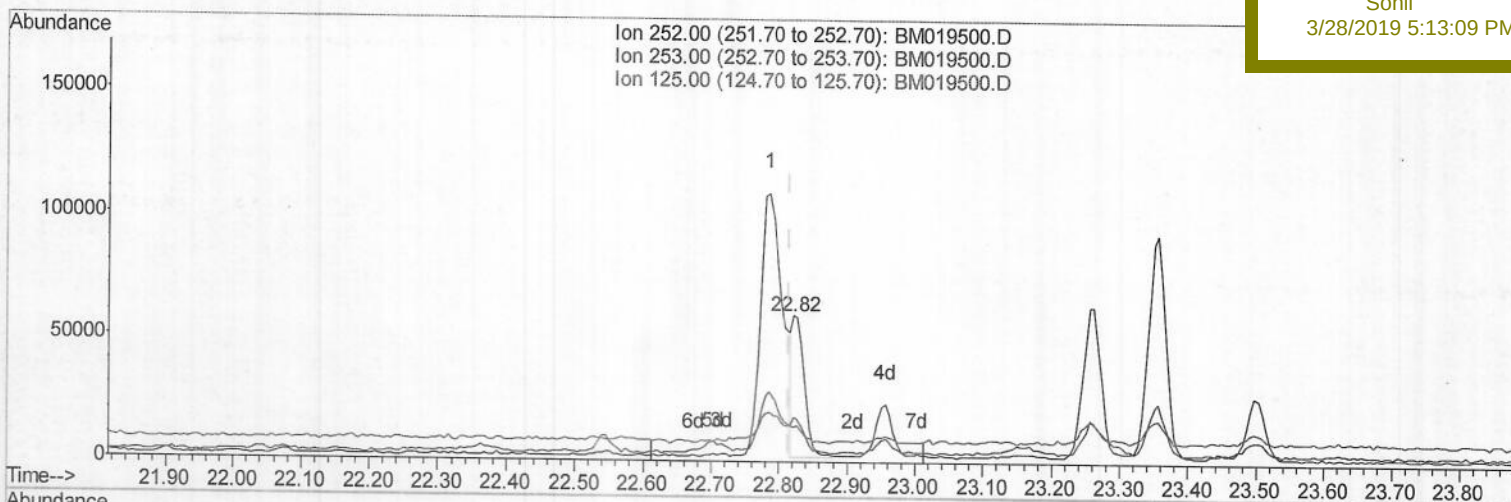
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(89) Benzo(k)fluoranthene

22.821min (+0.006) 1.26ng/ul m

response 71790

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	29.86#
125.00	6.70	23.40#
0.00	0.00	0.00

87
03/27/19

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Acq On : 27 Mar 2019 09:20

Operator : JU/SJ

Sample : K2031-08

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 27 12:17:19 2019

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ClientSampleId :

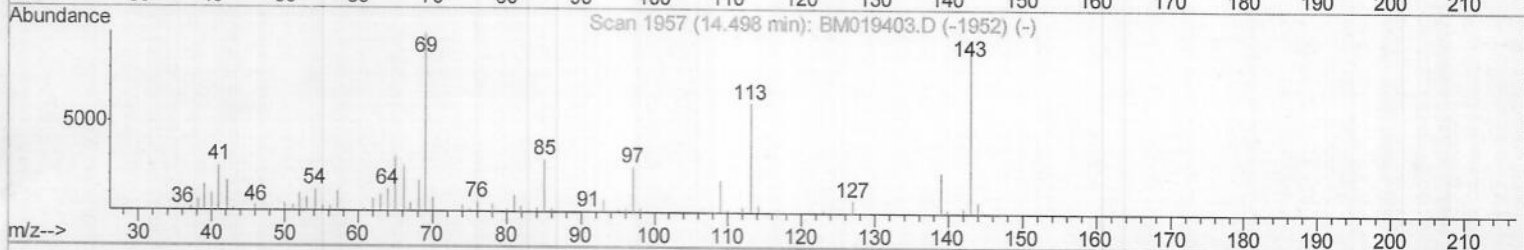
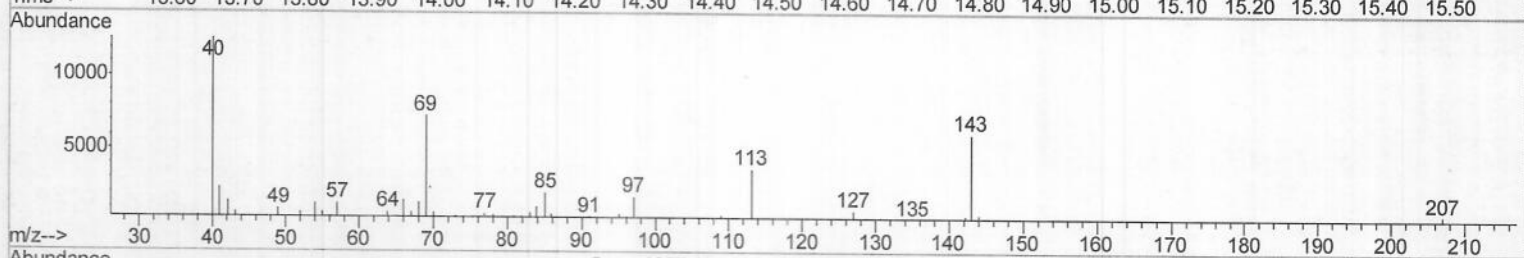
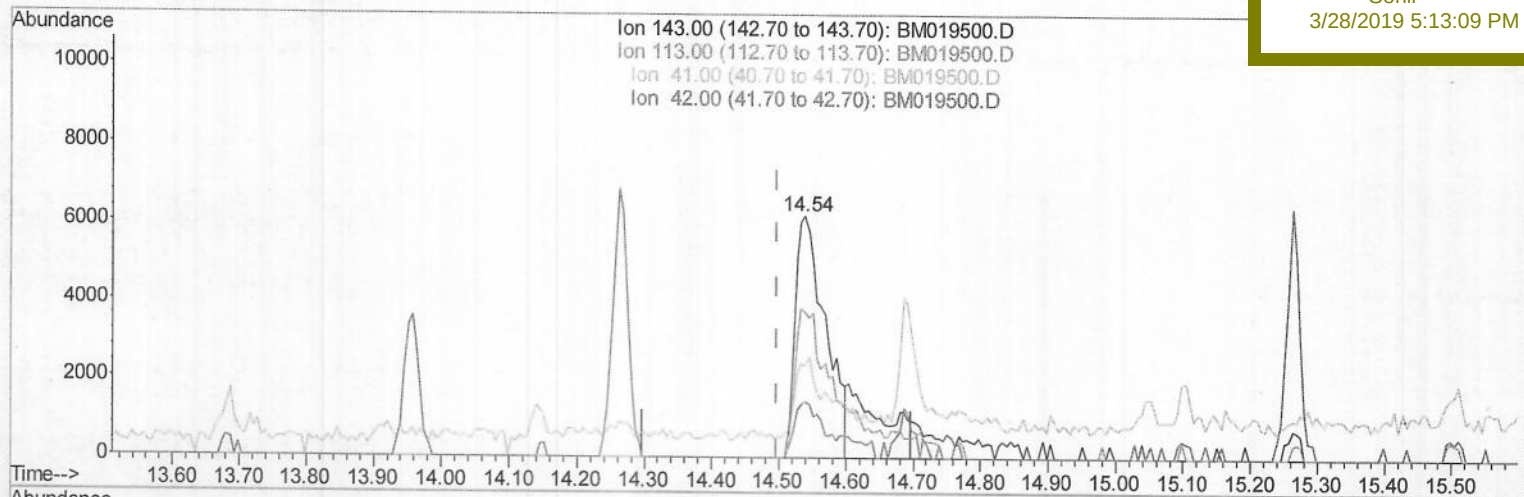
BF5R8

Manual Integrations

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TIC: BM019500.D

(52) 4-Nitrophenol-d4 (S)

14.539min (+0.041) 3.26ng/ul

response 19202

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	59.90#
41.00	32.60	37.20
42.00	22.30	22.60

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Sample : K2031-08

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 27 12:17:19 2019

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BNA_M

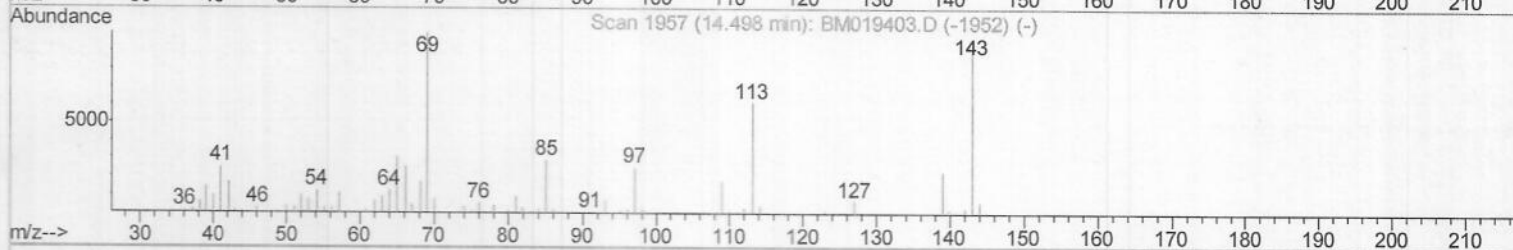
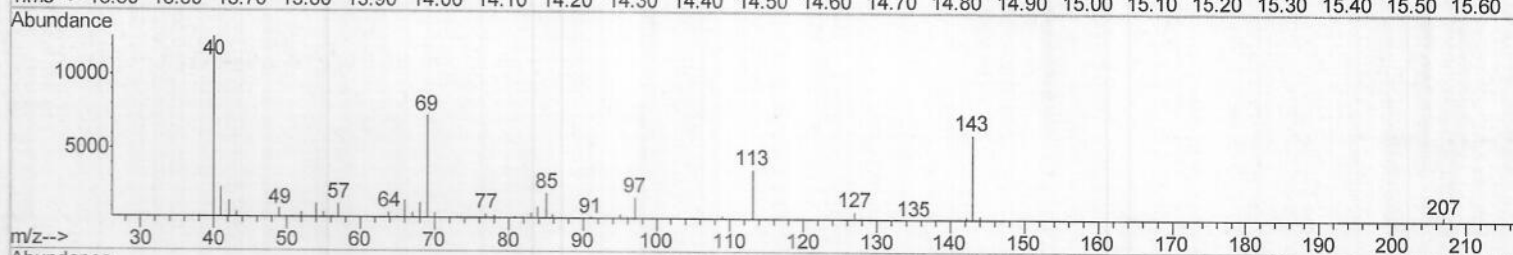
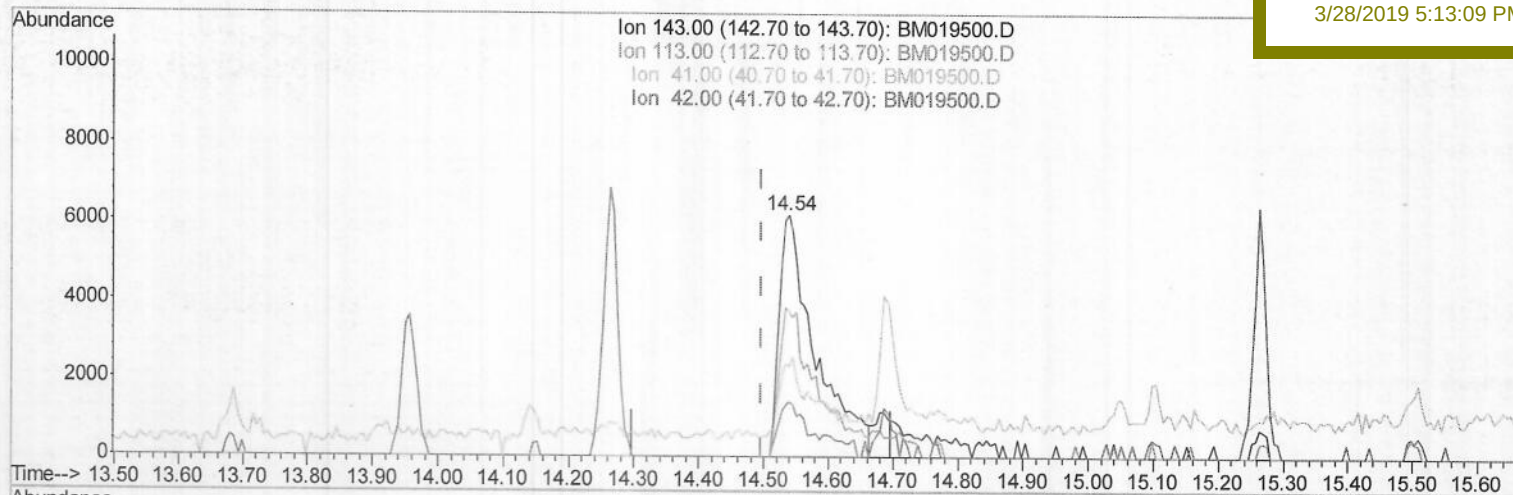
ClientSampleId :

BF5R8

Manual Integrations
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TIC: BM019500.D

(52) 4-Nitrophenol-d4 (S)

14.539min (+0.041) 4.07ng/ul m

response 23985

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	59.90#
41.00	32.60	37.20
42.00	22.30	22.60

57
03/27/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	219314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	901156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	465638	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	861883	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	826230	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	972738	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	25987	4.64	ng/uL	0.00
5) Phenol-d5	6.79	99	239045	12.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	161306	12.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	201422	13.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	171900	11.73	ng/ul	0.01
19) Nitrobenzene-d5	8.77	128	98234	15.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	99807	13.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	179581	13.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	185518	11.44	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	582697	15.51	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	693699	14.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	23985m	4.07	ng/ul	0.04
58) Fluorene-d10	15.26	176	460209	14.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	2625	0.46	ng/ul	0.02
71) Anthracene-d10	17.12	188	611740	14.79	ng/ul	0.00
79) Pyrene-d10	19.43	212	575334	15.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	659263	12.78	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.73	163	111745	2.964	ng/ul	98
77) Fluoranthene	19.09	202	165146	2.949	ng/ul#	84
80) Pyrene	19.46	202	167162	3.363	ng/ul#	84
81) Butylbenzylphthalate	20.36	149	206997	10.517	ng/ul	92
83) Benzo(a)anthracene	21.22	228	104956	2.111	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.13	149	217022	7.608	ng/ul	98
85) Chrysene	21.27	228	113392	2.376	ng/ul#	94
88) Benzo(b)fluoranthene	22.79	252	241751	4.080	ng/ul#	85
89) Benzo(k)fluoranthene	22.82	252	71790m	1.262	ng/ul	
91) Benzo(a)pyrene	23.36	252	158872	2.805	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.69	276	134634	1.898	ng/ul#	86
94) Benzo(g,h,i)perylene	26.38	276	124262	2.096	ng/ul#	83

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