Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021526.D
Acq On : 18 Jul 2019 16:40
Operator : HP/JU
Sample : K3822-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 19 01:30:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
HD-02-072219

Manual Integrations APPROVED
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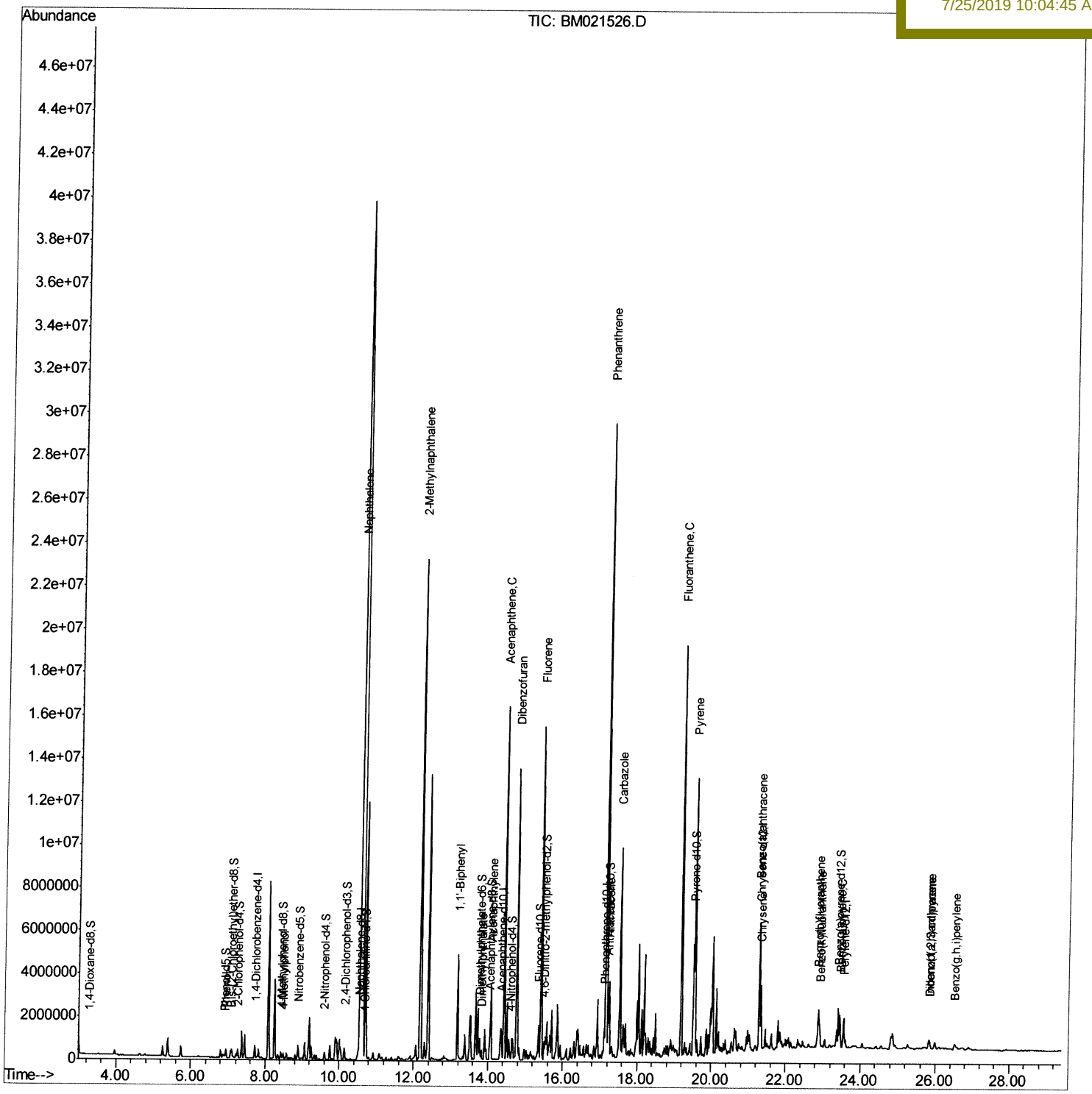
7/25/2019 10:04:45 AM



Quantitation Report (Qedit)

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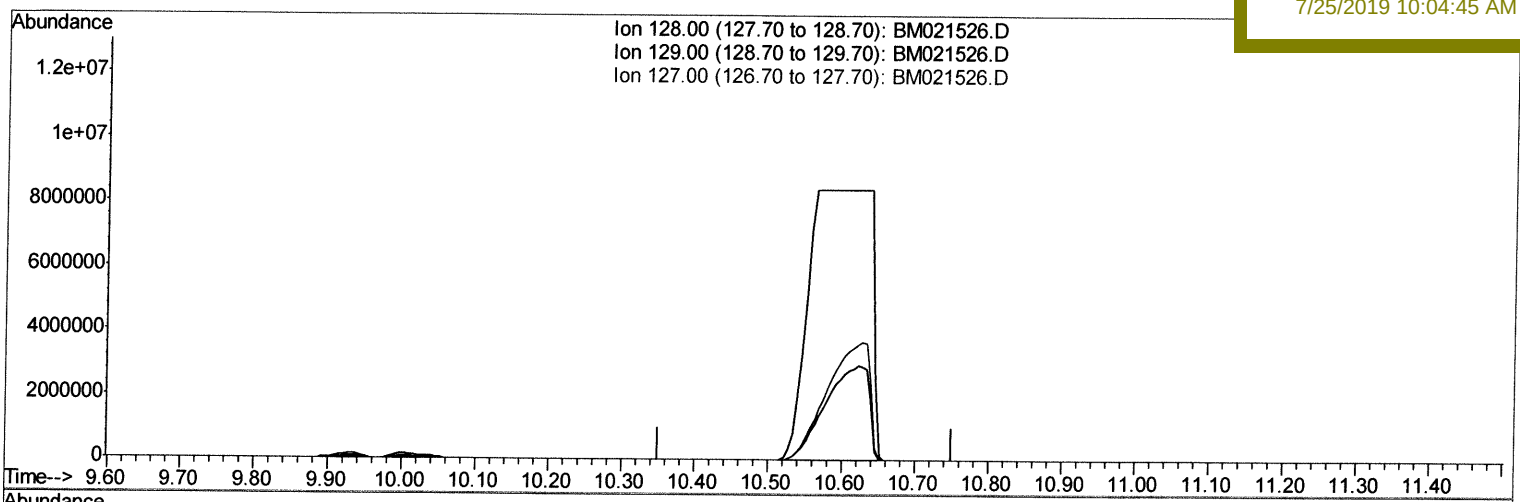

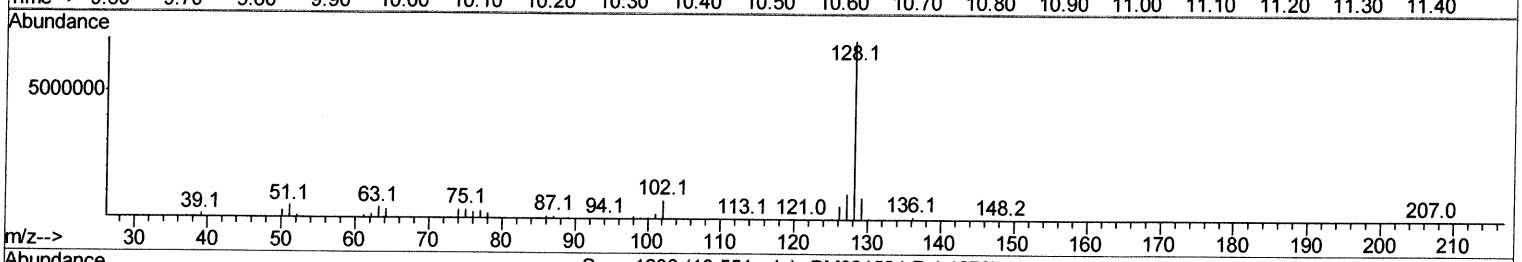

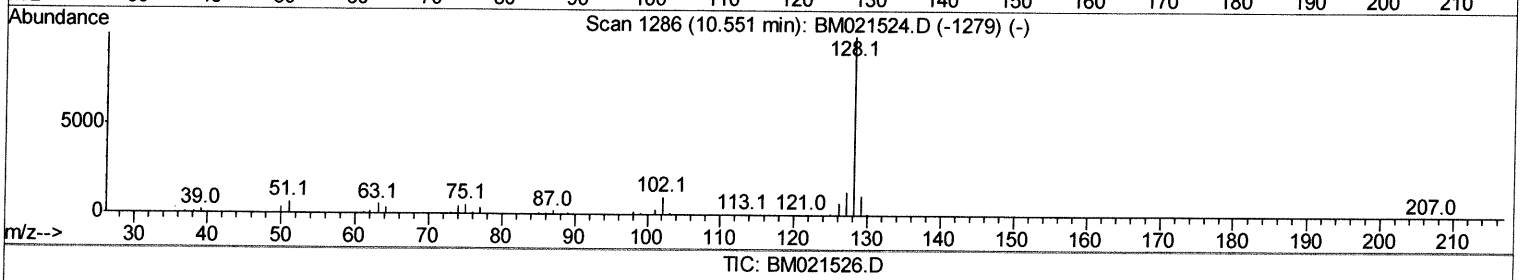

TIC: BM021526.D

(28) Naphthalene

10.551min (-10.551) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.90	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

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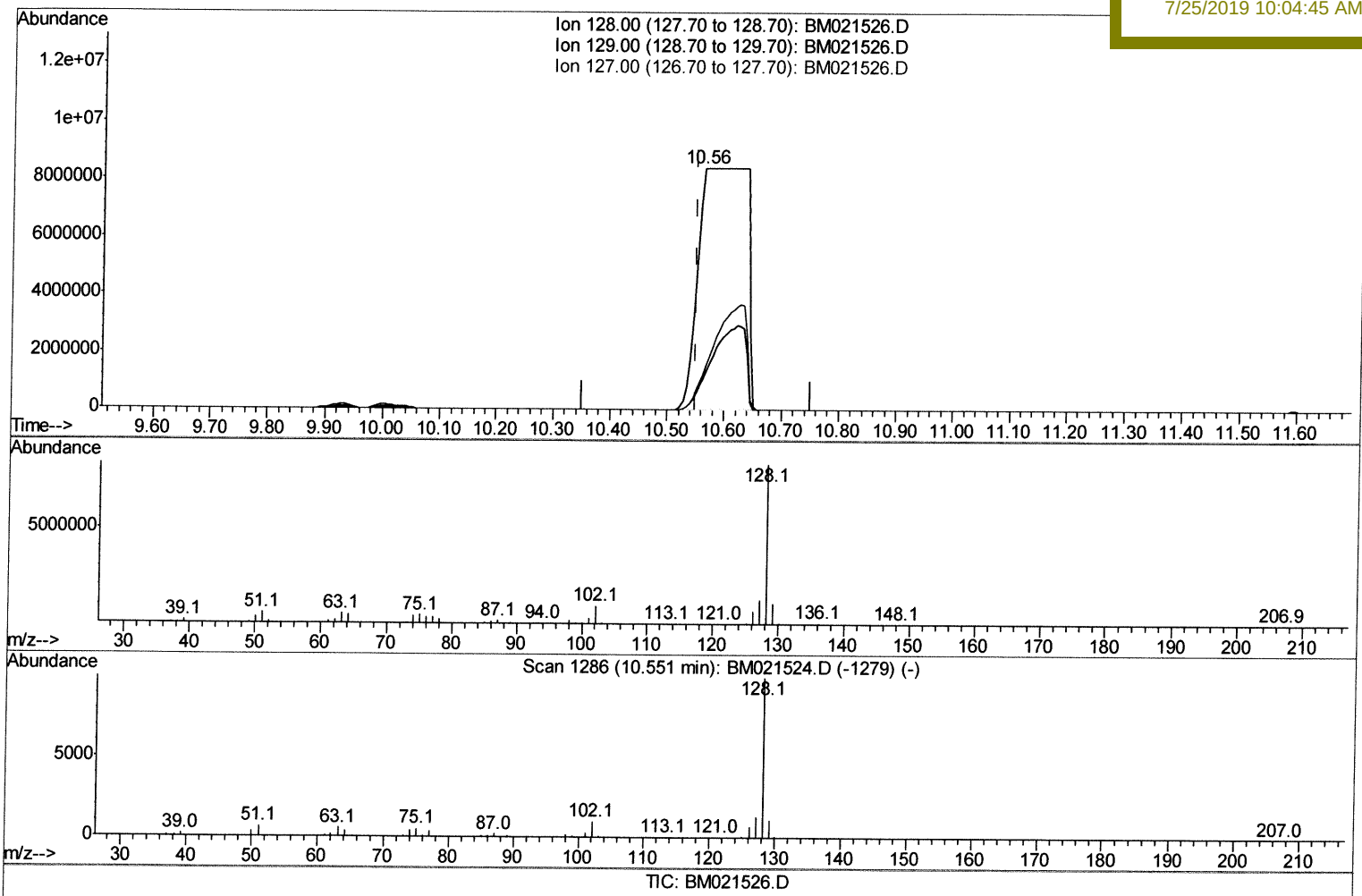

TIC: BM021526.D

(28) Naphthalene

10.563min (+0.012) 1463.52ng/ul m JU 07/19/19

response 48914934

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	13.02
127.00	13.30	15.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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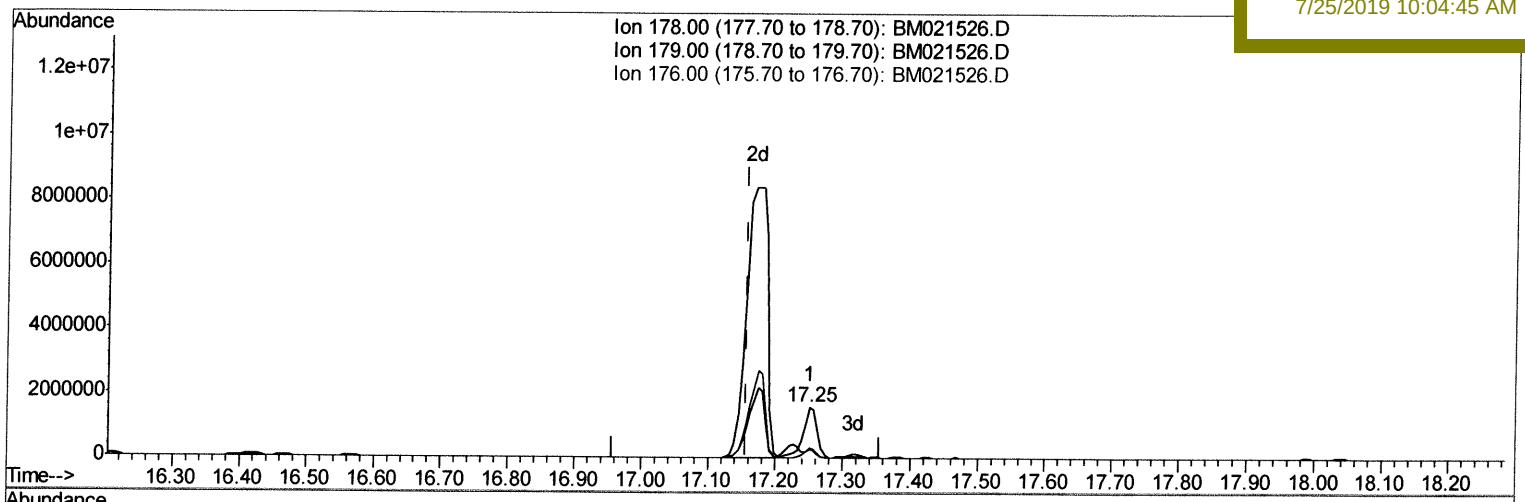

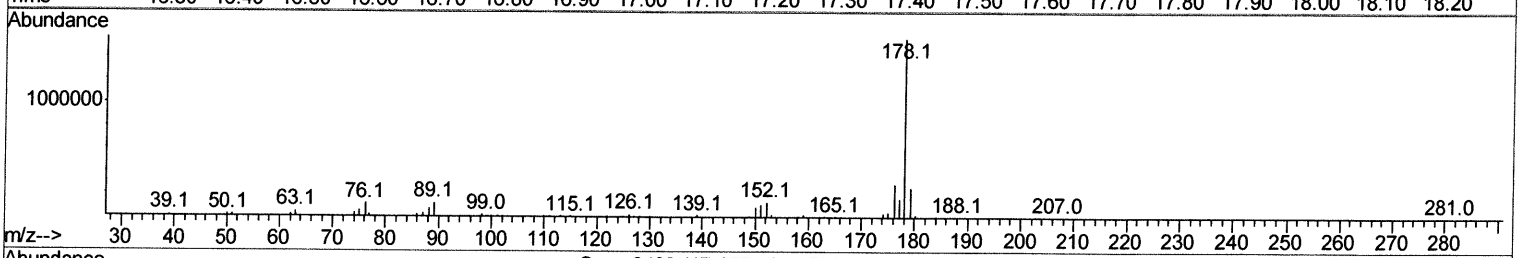

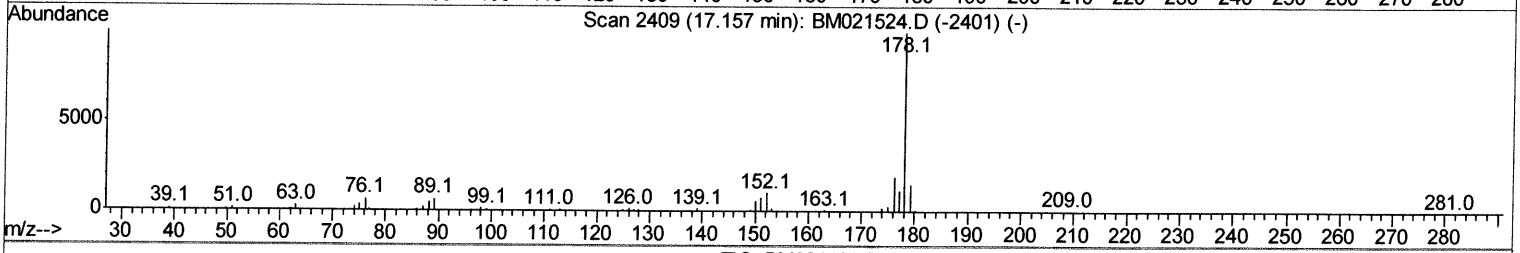

TIC: BM021526.D

(69) Phenanthrene

17.251min (+0.094) 47.28ng/ul

response 2285820

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.30
176.00	19.20	18.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : HP/JU
Sample : K3822-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 19 00:42:55 2019
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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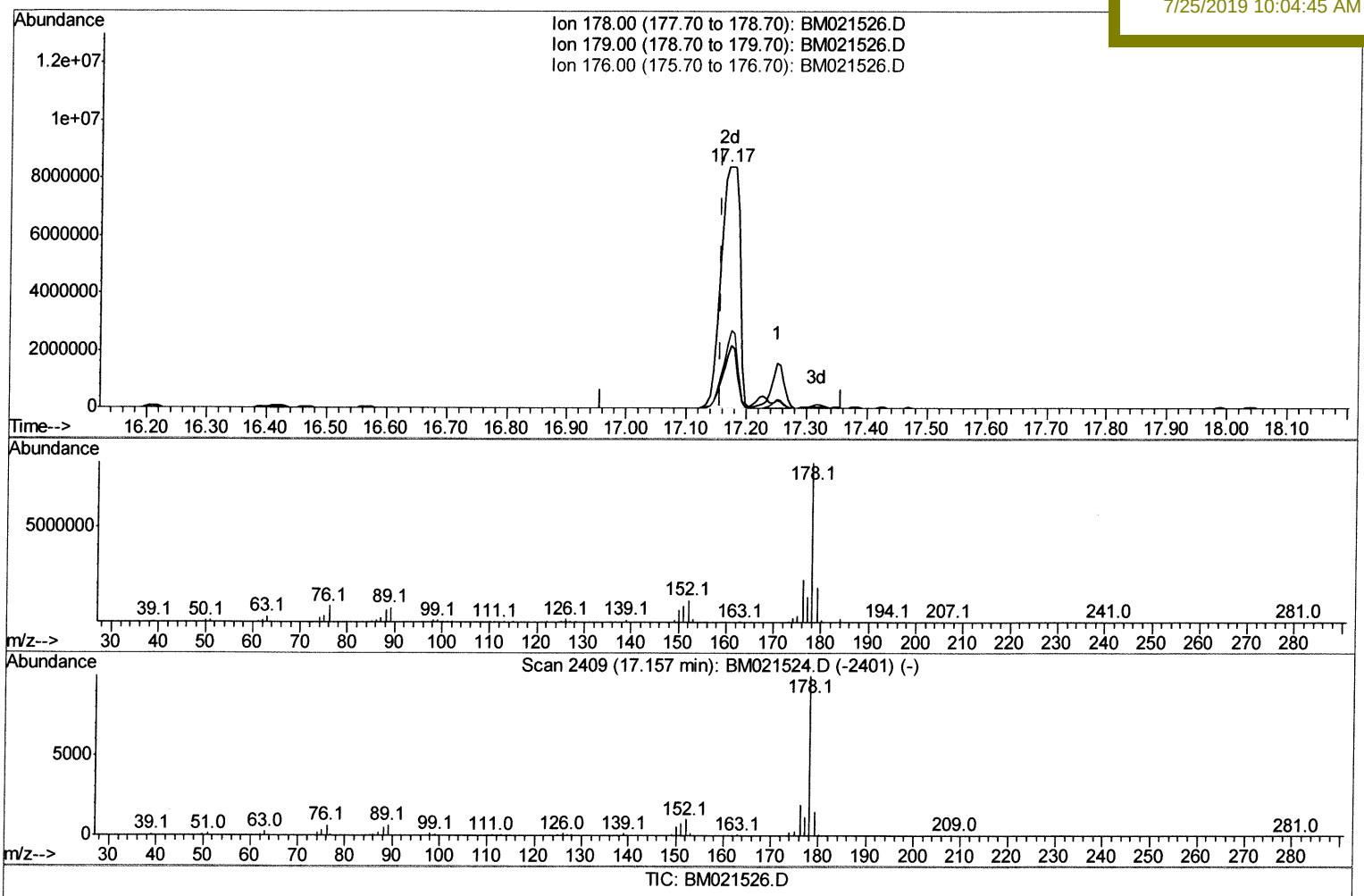

TIC: BM021526.D

(69) Phenanthrene

17.168min (+0.012) 377.47ng/ul m JU 07/19/19

response 18248680

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	21.99#
176.00	19.20	26.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 18 Jul 2019 16:40
Operator : HP/JU
Sample : K3822-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 19 00:42:55 2019
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BNA_M
ClientSampleId :
HD-02-072219

Manual Integrations APPROVED
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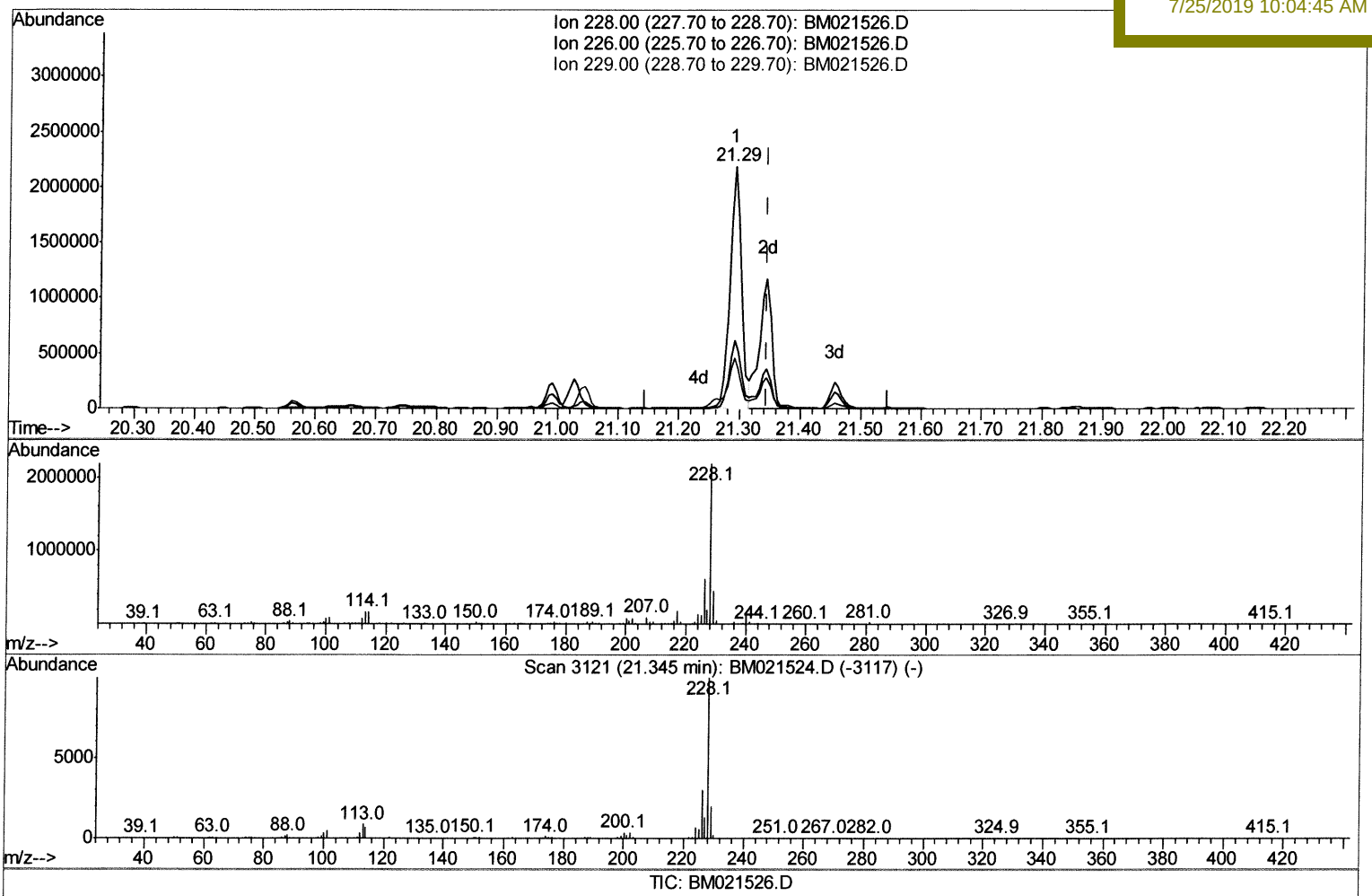
7/25/2019 10:04:45 AM



TIC: BM021526.D

(84) Chrysene

21.292min (-0.053) 51.42ng/ul

response 2889122

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	28.07
229.00	19.20	20.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 18 Jul 2019 16:40
Operator : HP/JU
Sample : K3822-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 19 00:42:55 2019
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Instrument :
BNA_M
ClientSampleId :
HD-02-072219

Manual Integrations APPROVED
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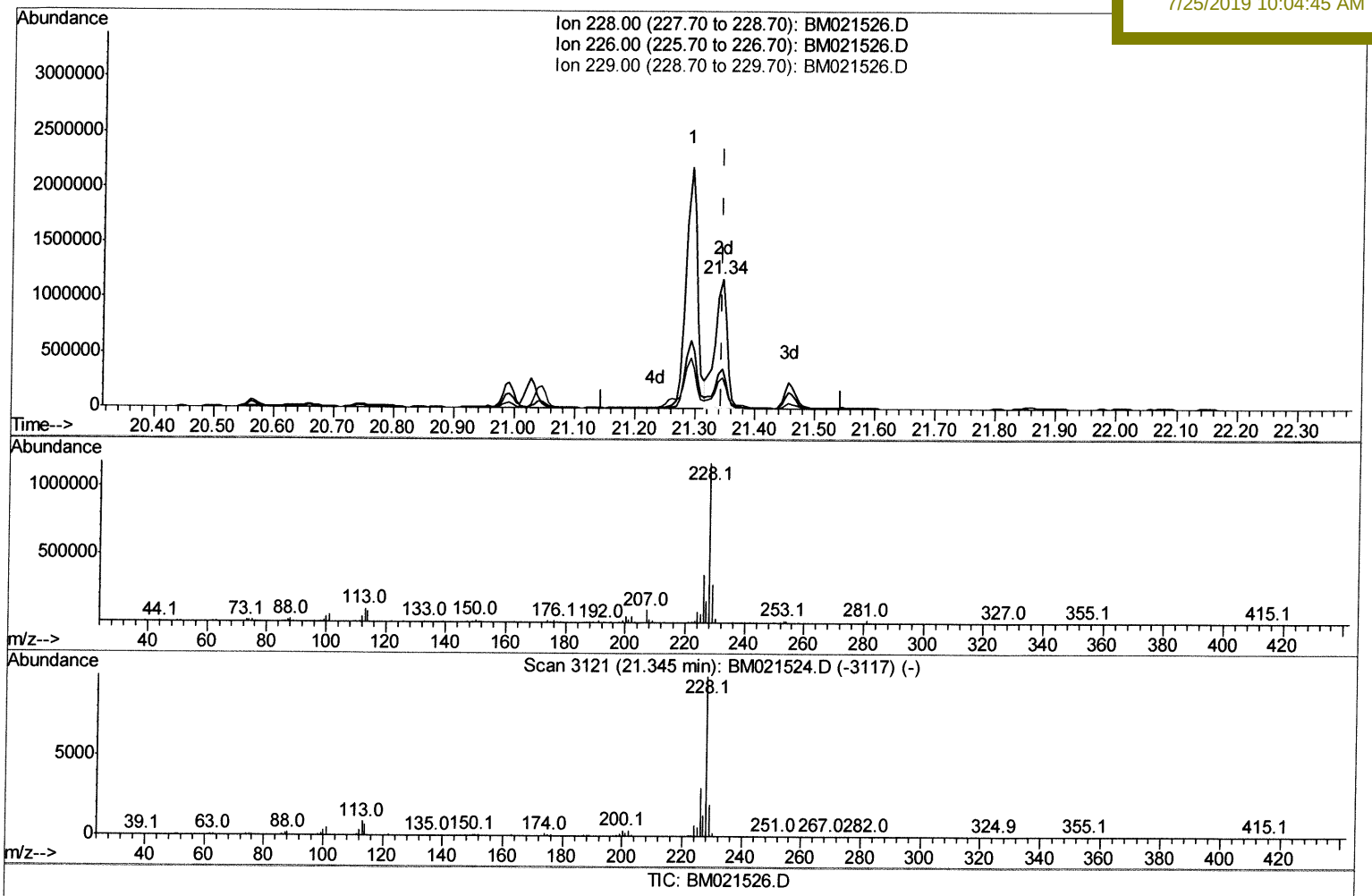

TIC: BM021526.D

(84) Chrysene

21.345min (-0.000) 29.62ng/ul m Ju 07/19/19

response 1664011

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.31
229.00	19.20	23.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : K3822-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

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Manual Integrations APPROVED
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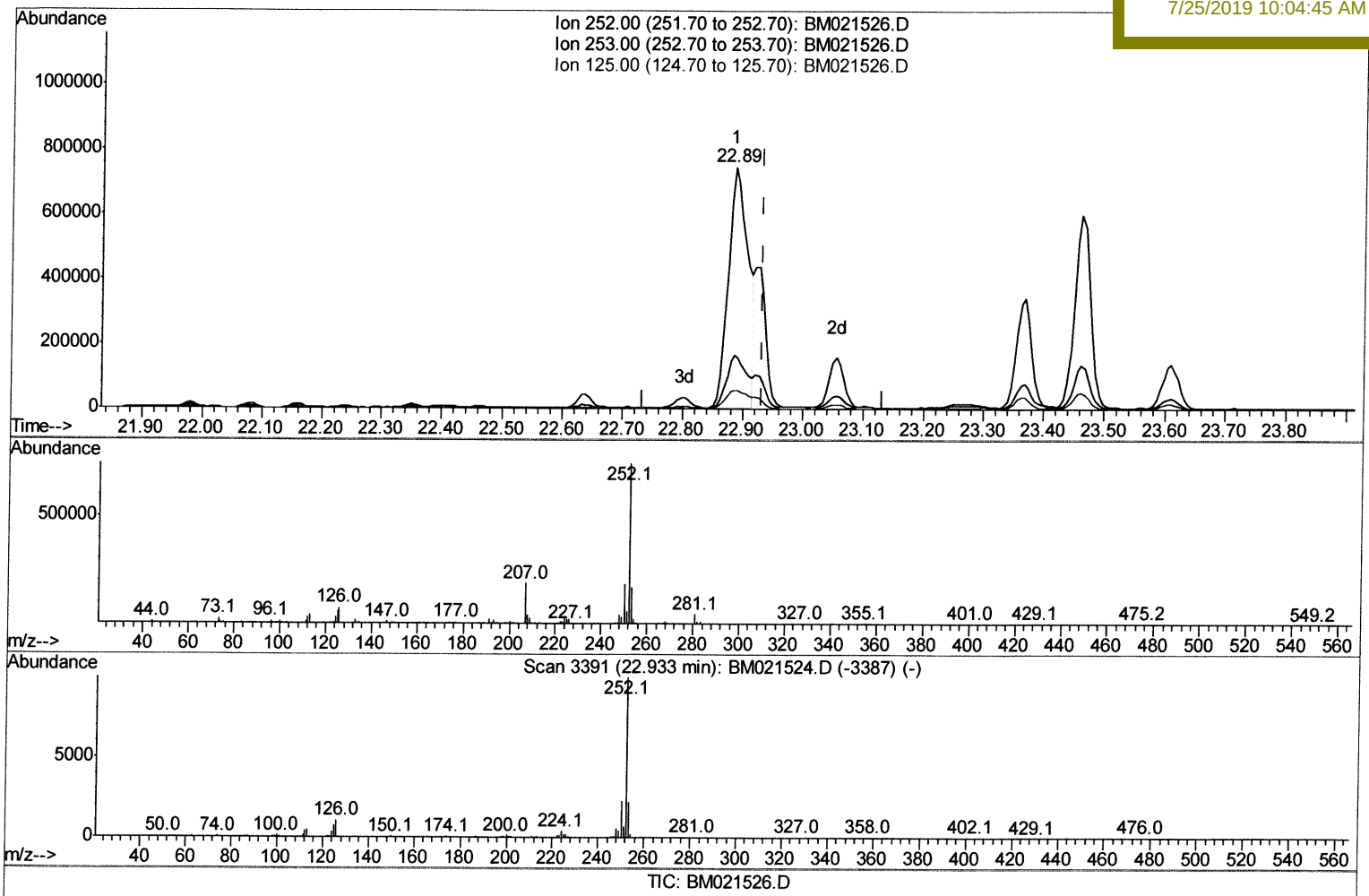

TIC: BM021526.D

(88) Benzo(k)fluoranthene

22.886min (-0.047) 26.95ng/ul

response 1713416

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.40
125.00	7.30	7.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Misc :
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Manual Integrations APPROVED
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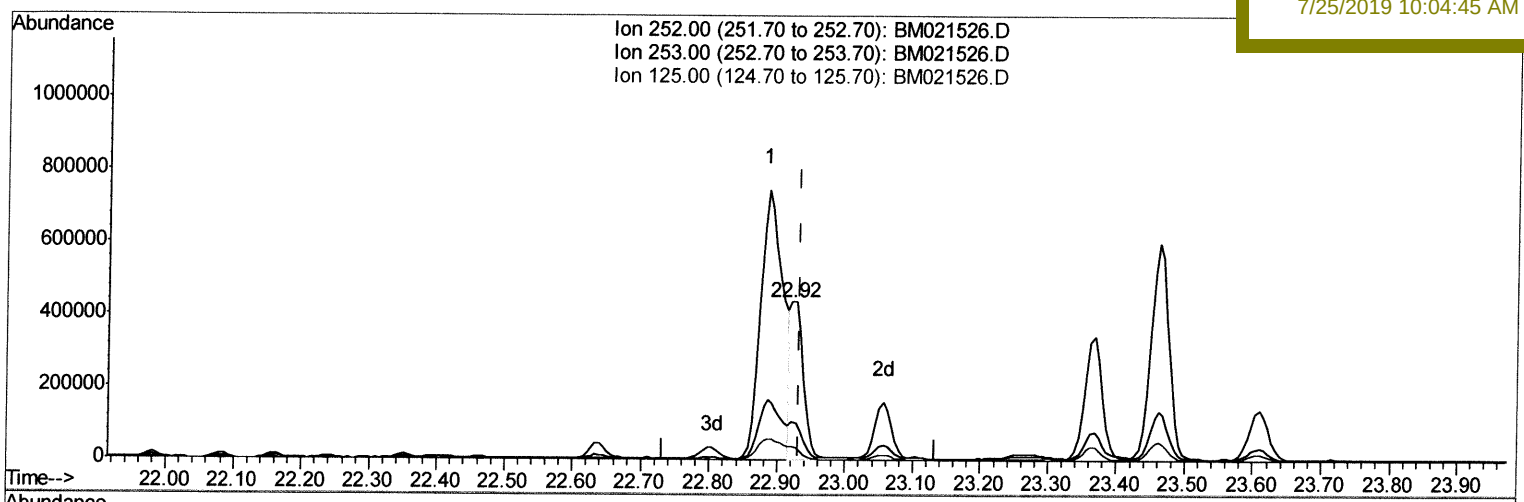

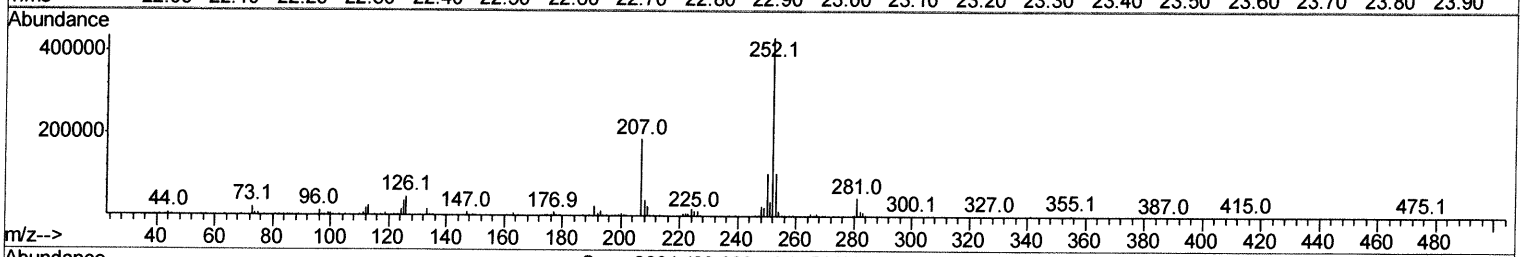

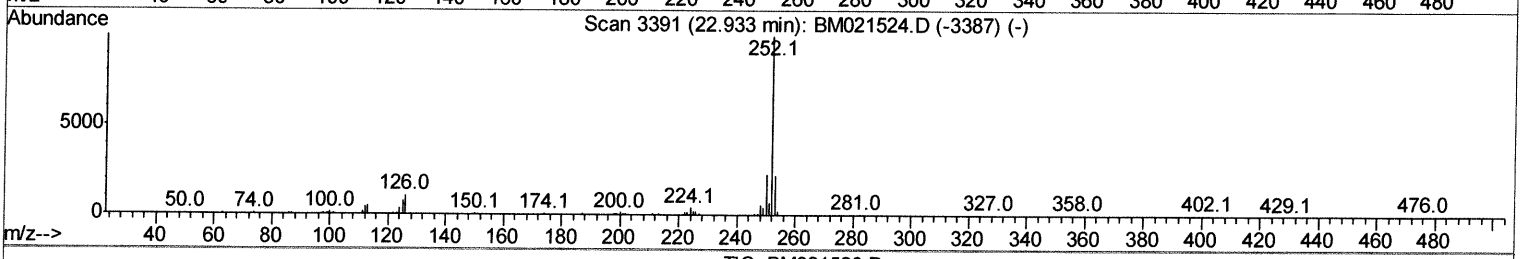

TIC: BM021526.D

(88) Benzo(k)fluoranthene

22.921min (-0.012) 8.97ng/ul m JU 07/19/19

response 570028

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.74
125.00	7.30	8.55
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	169333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	642219	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.36	164	393351	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	857393	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	872742	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	1024128	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	4070	1.18	ng/uL	0.00
5) Phenol-d5	6.90	99	75280	5.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	161213	20.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	179995	15.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	125314	11.95	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	105398	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	109862	18.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	213153	17.87	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	76191	7.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	675415	19.61	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	772389	17.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	18979	3.48	ng/ul	0.01
57) Fluorene-d10	15.36	176	589877	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	63785	11.07	ng/ul	0.01
70) Anthracene-d10	17.22	188	915524	20.56	ng/ul	0.00
78) Pyrene-d10	19.52	212	1035365	21.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1195722	20.30	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	17535	1.391	ng/ul#	86
16) 4-Methylphenol	8.49	108	103565	10.172	ng/ul	84
28) Naphthalene	10.56	128	48914934m	1463.524	ng/ul	
34) 2-Methylnaphthalene	12.19	142	12466622	506.024	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	2523217	76.642	ng/ul	100
44) Dimethylphthalate	13.83	163	265625	8.280	ng/ul	99
47) Acenaphthylene	14.09	152	1719428	45.691	ng/ul	98
49) Acenaphthene	14.44	153	7395666	270.460	ng/ul	99
53) Dibenzofuran	14.77	168	9404750	237.422	ng/ul	99
58) Fluorene	15.42	166	7444815	232.307	ng/ul	99
69) Phenanthrene	17.17	178	18248680m	377.468	ng/ul	
71) Anthracene	17.25	178	2288767	46.514	ng/ul	99
74) Carbazole	17.54	167	6812085	166.792	ng/ul	99
76) Fluoranthene	19.19	202	12025524	209.482	ng/ul	98
79) Pyrene	19.55	202	8705709	150.722	ng/ul	100
82) Benzo(a)anthracene	21.29	228	2868671	47.997	ng/ul	98
84) Chrysene	21.34	228	1664011m	29.616	ng/ul	
87) Benzo(b)fluoranthene	22.89	252	1713416	26.847	ng/ul	99
88) Benzo(k)fluoranthene	22.92	252	570028m	8.967	ng/ul	
90) Benzo(a)pyrene	23.46	252	1090371	17.688	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.83	276	402879	5.291	ng/ul	98
92) Dibenzo(a,h)anthracene	25.83	278	117156	1.830	ng/ul#	85
93) Benzo(g,h,i)perylene	26.52	276	321280	5.114	ng/ul	98

JU 07/19/19

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

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