

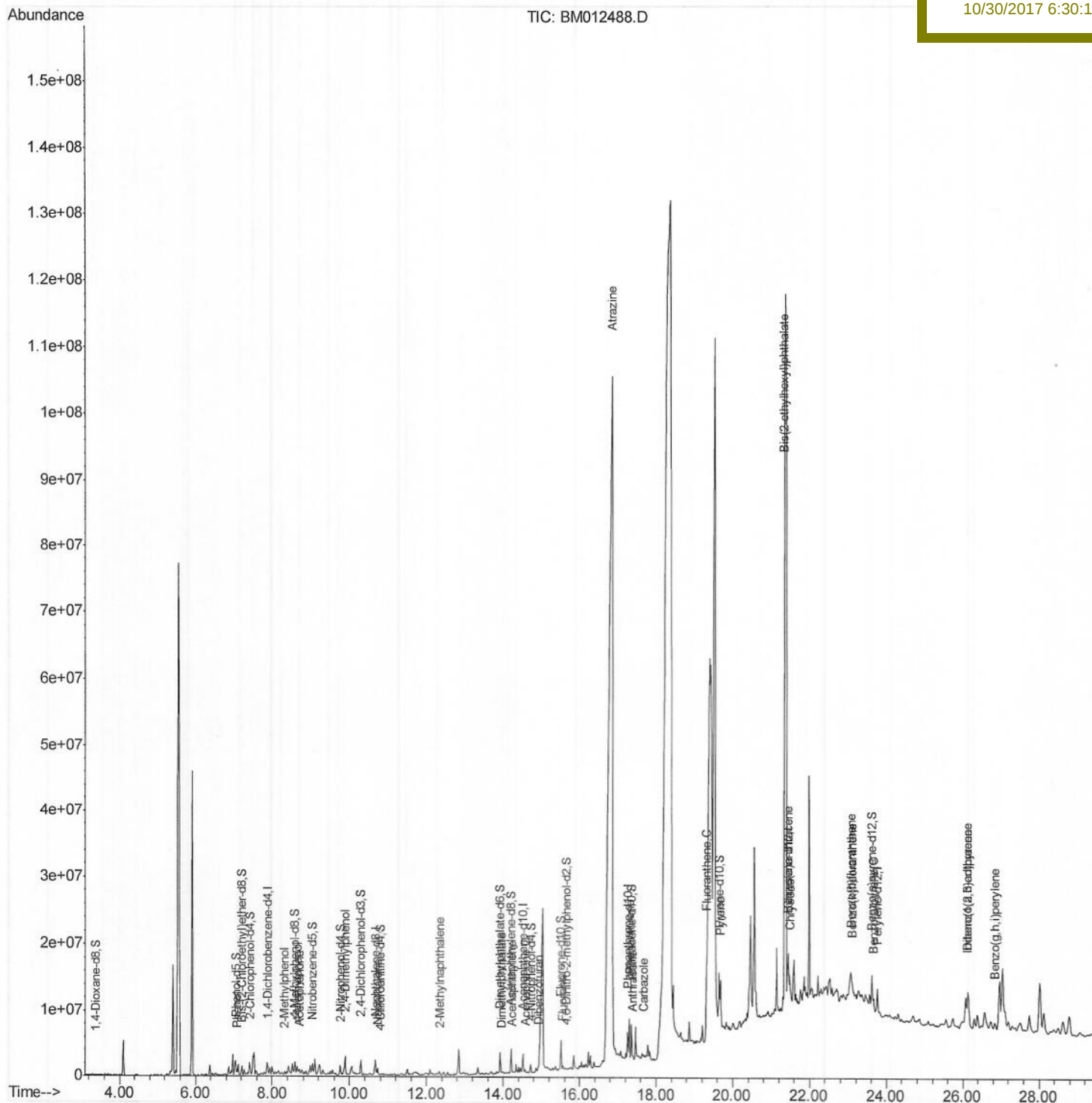
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 01:45:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



Quantitation Report (Qedit)

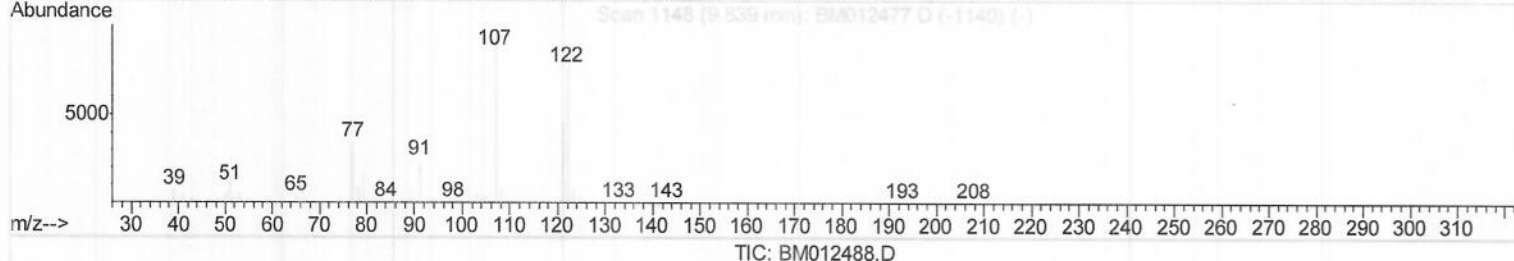
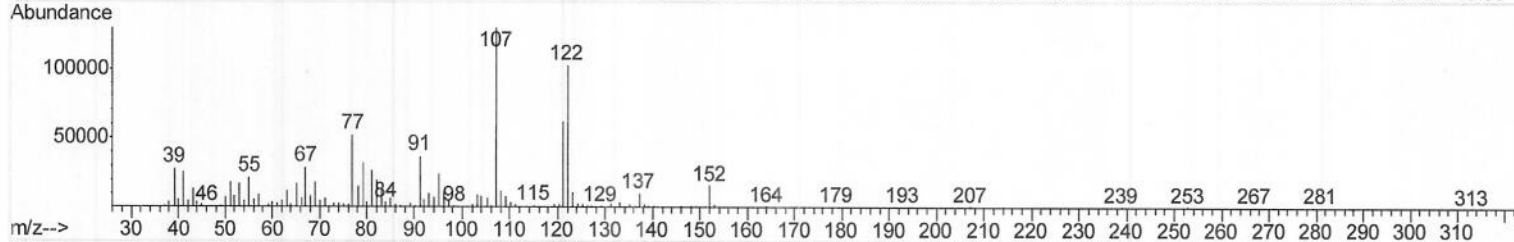
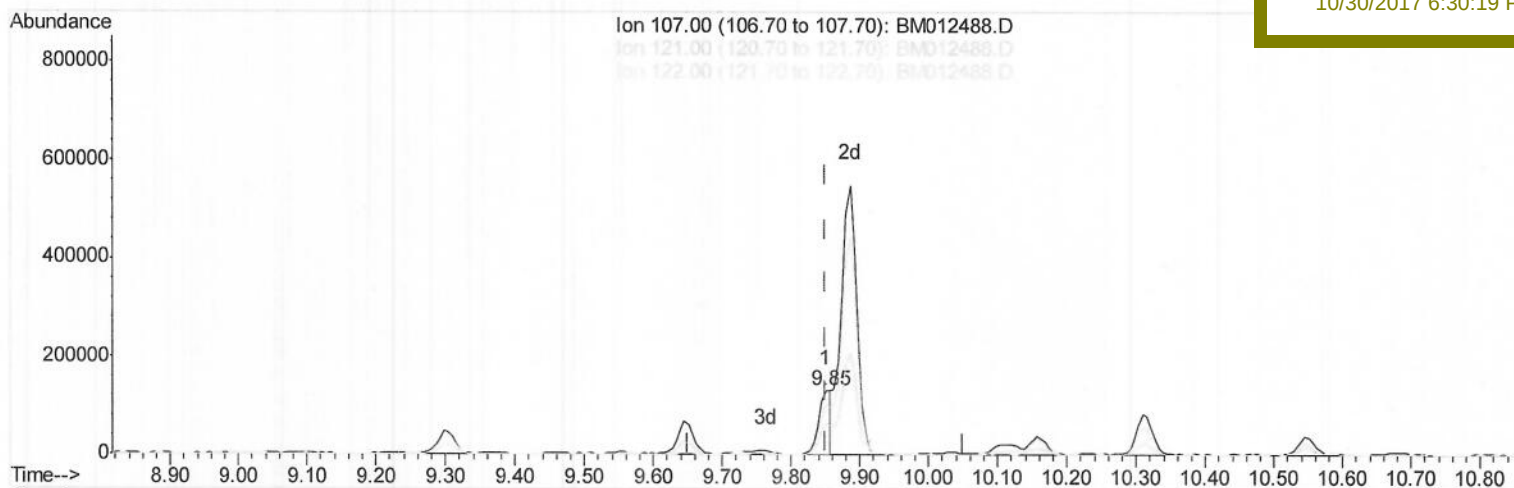
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012488.D
 Acq On : 27 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I5873-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 B-13(1-3) 101117

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:30:19 PM



(24) 2,4-Dimethylphenol

9.851min (-0.000) 4.75ng/ul

response 158042

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	47.45
122.00	72.20	78.99
0.00	0.00	0.00

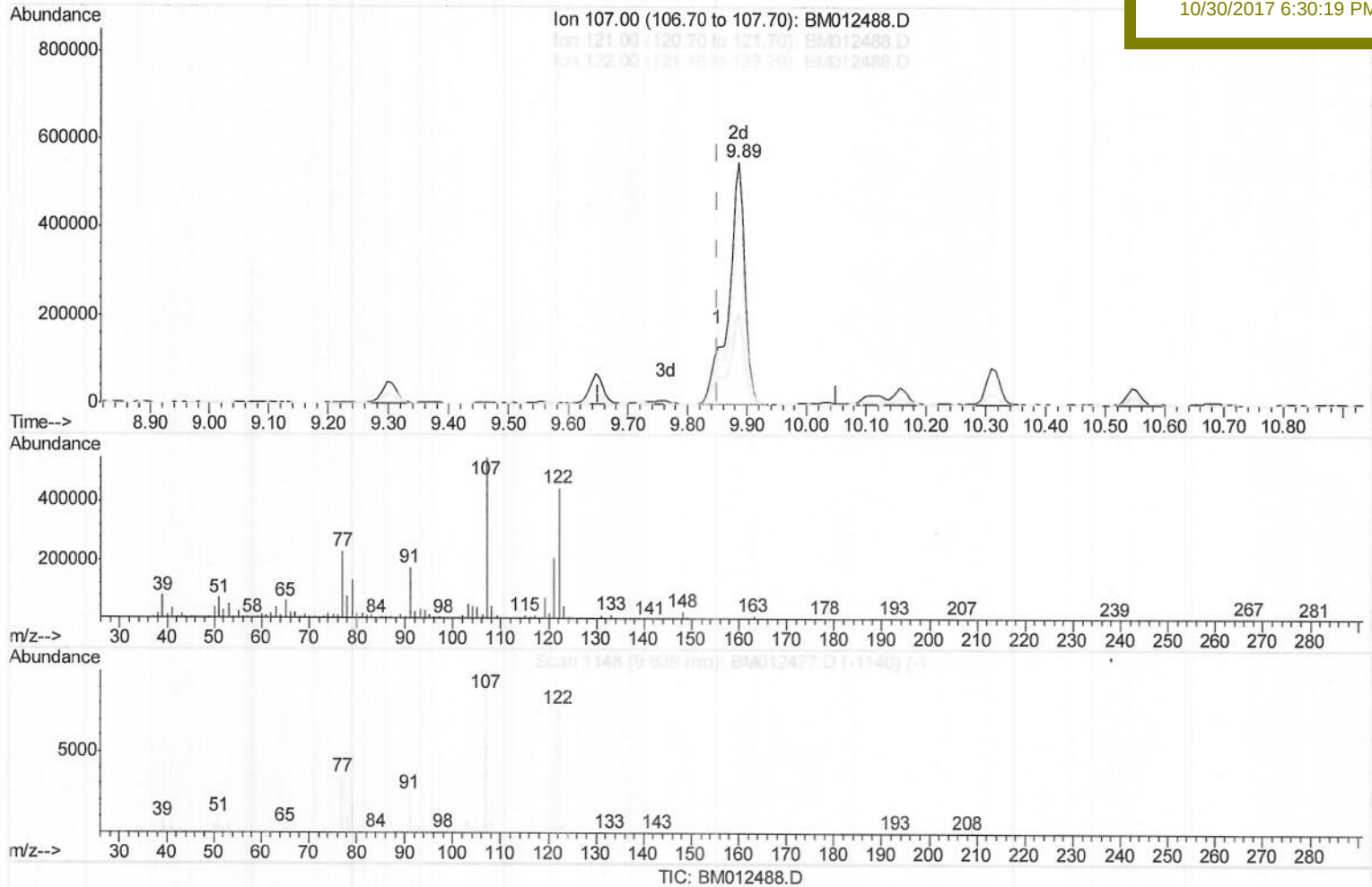
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



(24) 2,4-Dimethylphenol

9.886min (+0.035) 31.30ng/ul m)JU 10/28/2017

response 1042124

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	37.74
122.00	72.20	81.02
0.00	0.00	0.00

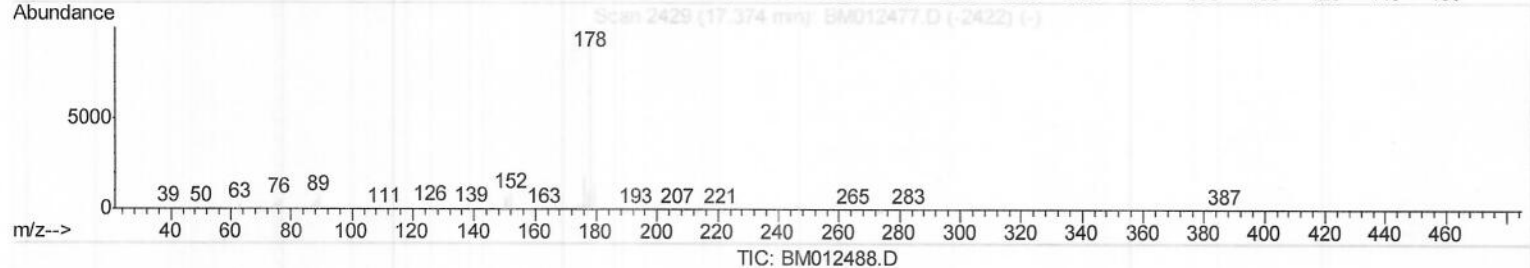
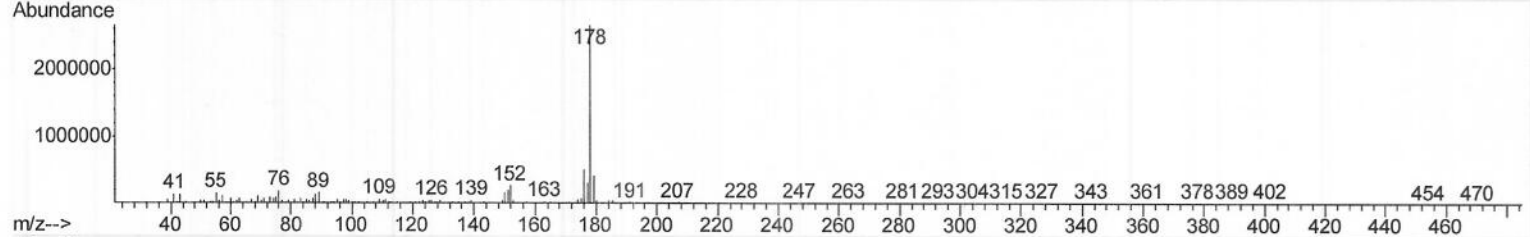
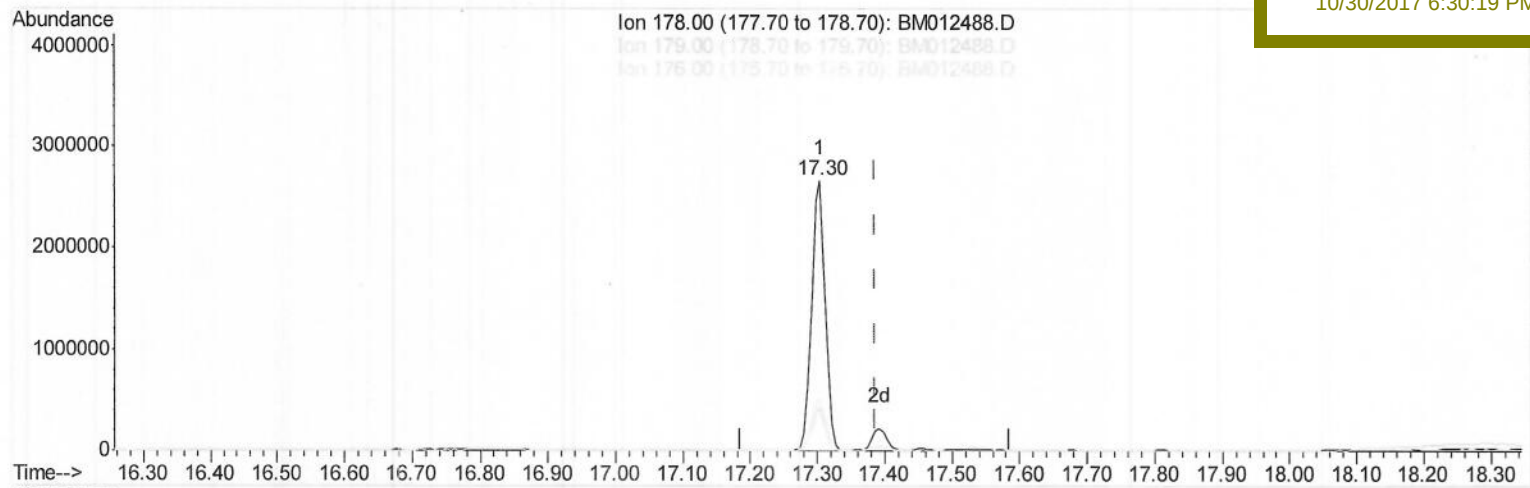
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



(71) Anthracene

17.304min (-0.082) 31.43ng/ul

response 3678939

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.67
176.00	18.20	18.95
0.00	0.00	0.00

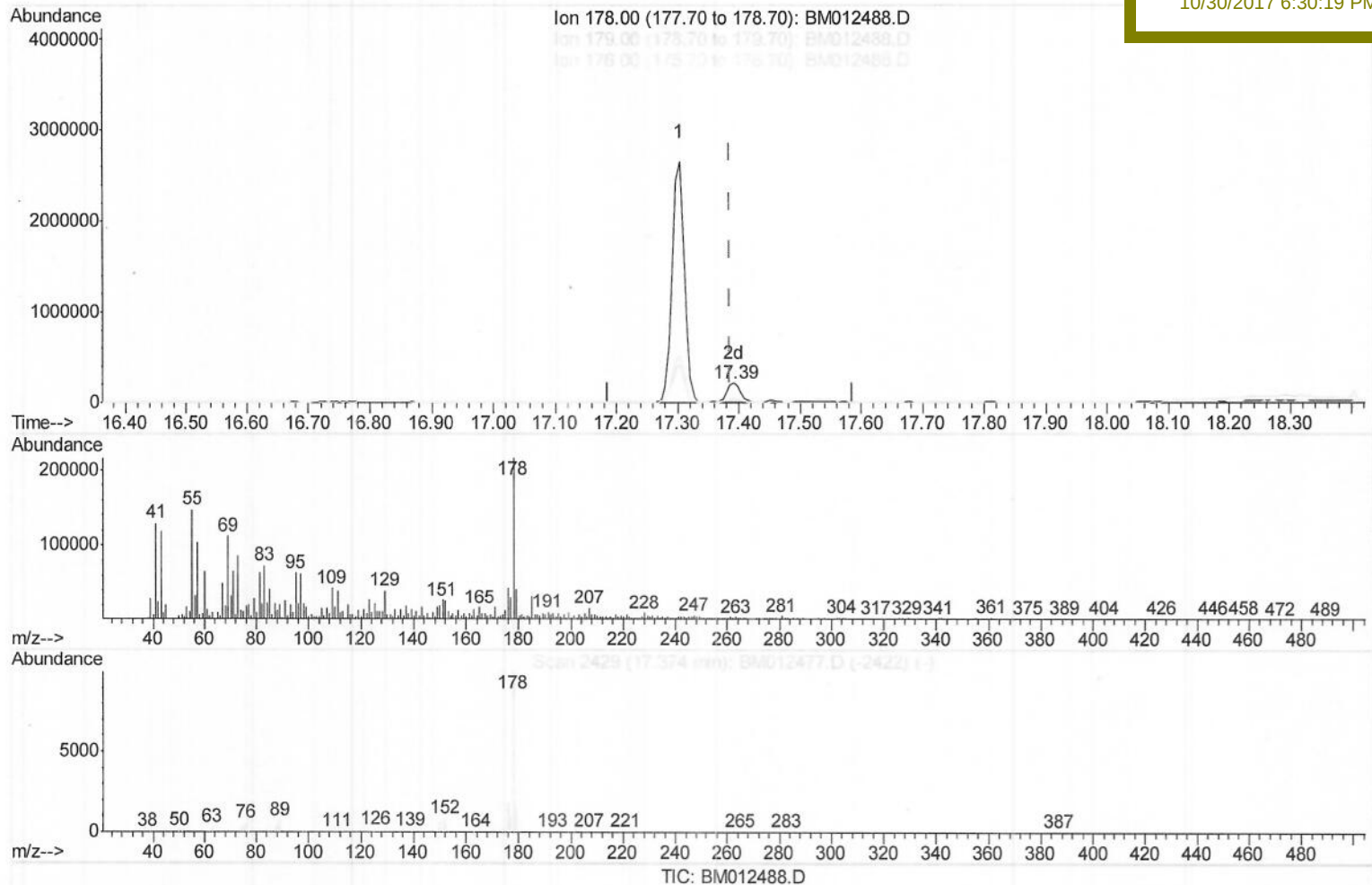
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



(71) Anthracene

17.392min (+0.006) 2.54ng/ul m >JU10/28/2017

response 297101

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	19.23#
176.00	18.20	20.23
0.00	0.00	0.00

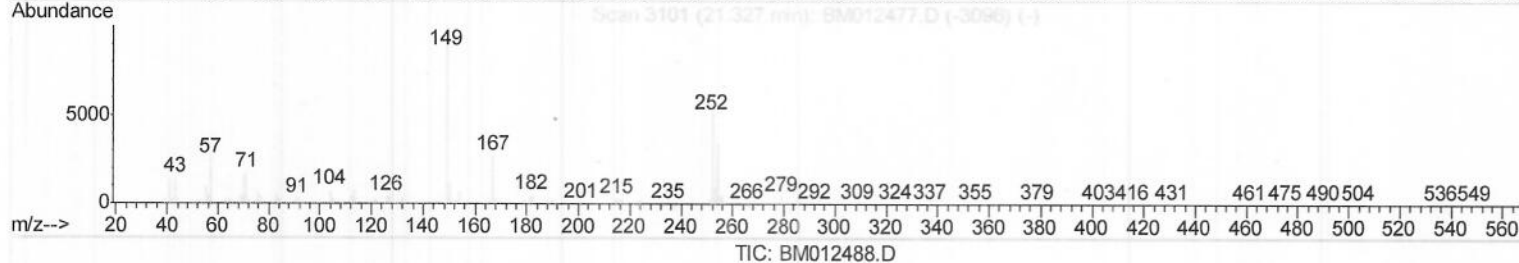
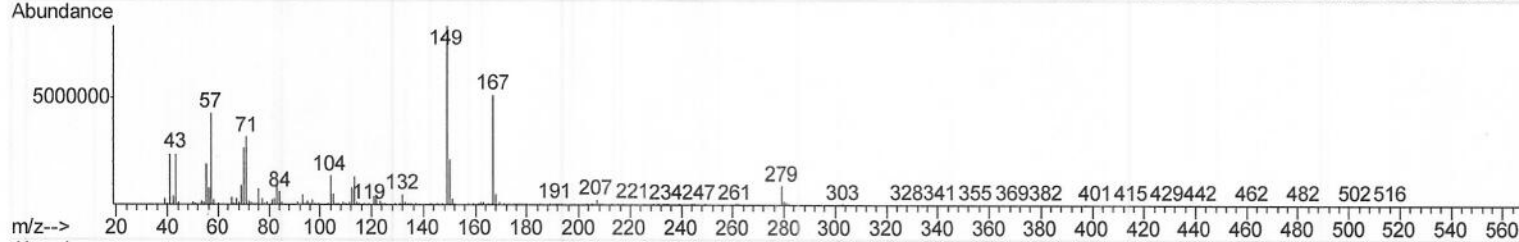
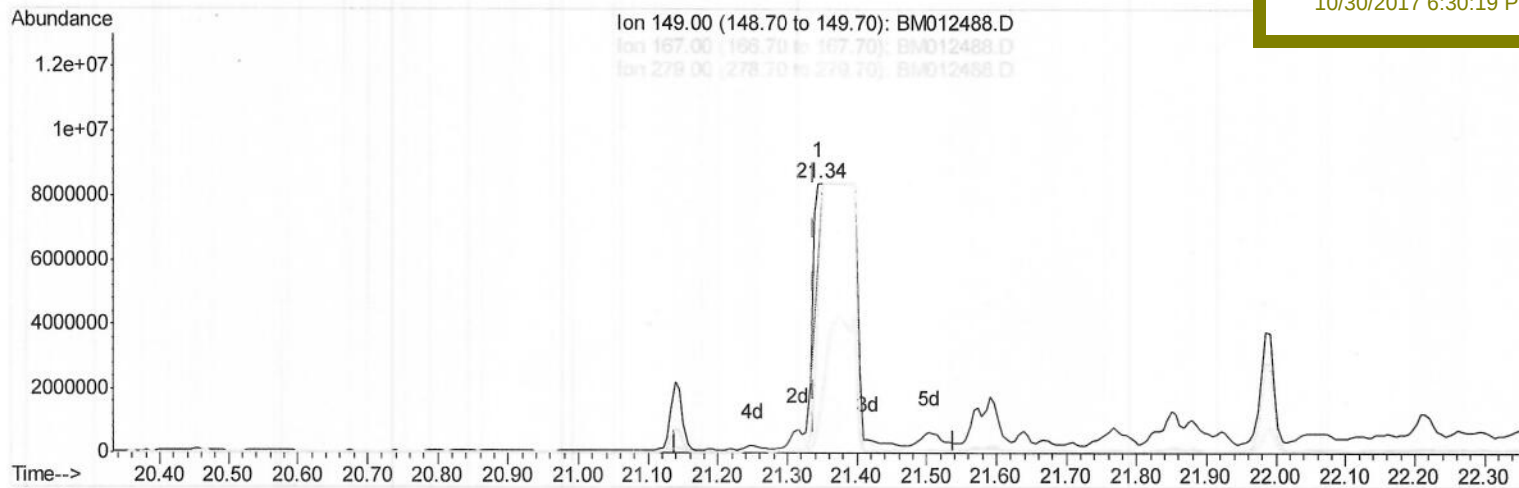
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



(81) Bis(2-ethylhexyl)phthalate

21.344min (+0.006) 37.43ng/ul

response 3532711

Ion	Exp%	Act%
149.00	100	100
167.00	28.50	61.12#
279.00	6.10	10.91#
0.00	0.00	0.00

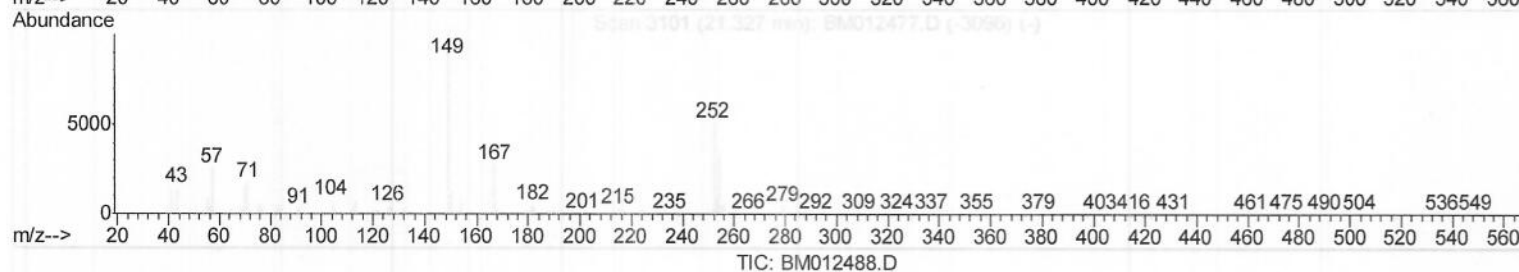
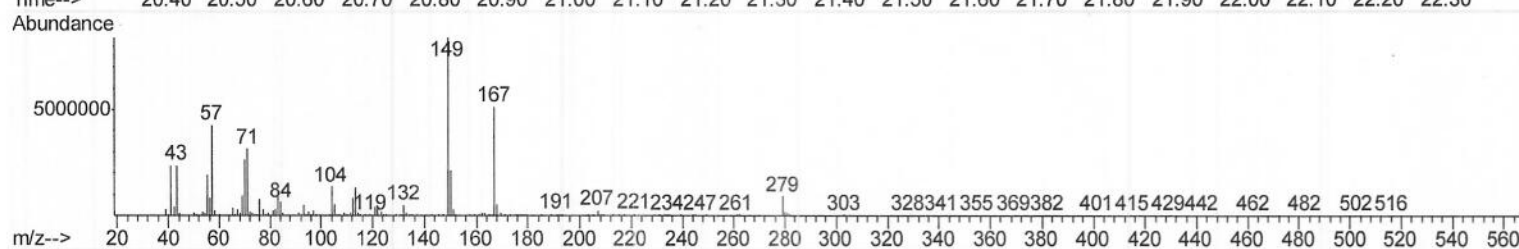
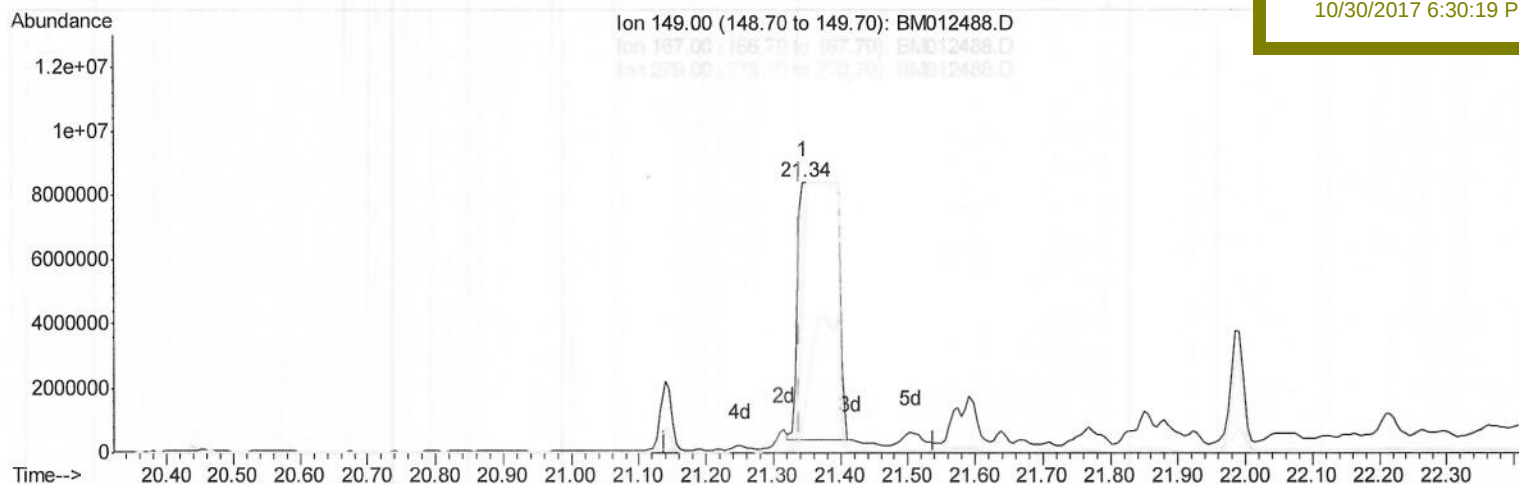
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



(81) Bis(2-ethylhexyl)phthalate

21.344min (+0.006) 338.93ng/ul m) JU 10/28/2017

response 31992717

Ion	Exp%	Act%
149.00	100	100
167.00	28.50	61.12#
279.00	6.10	10.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\

Data File : BM012488.D

Acq On : 27 Oct 2017 16:07

Operator : SJ/JU

Sample : I5873-03

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 26 09:35:31 2017

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

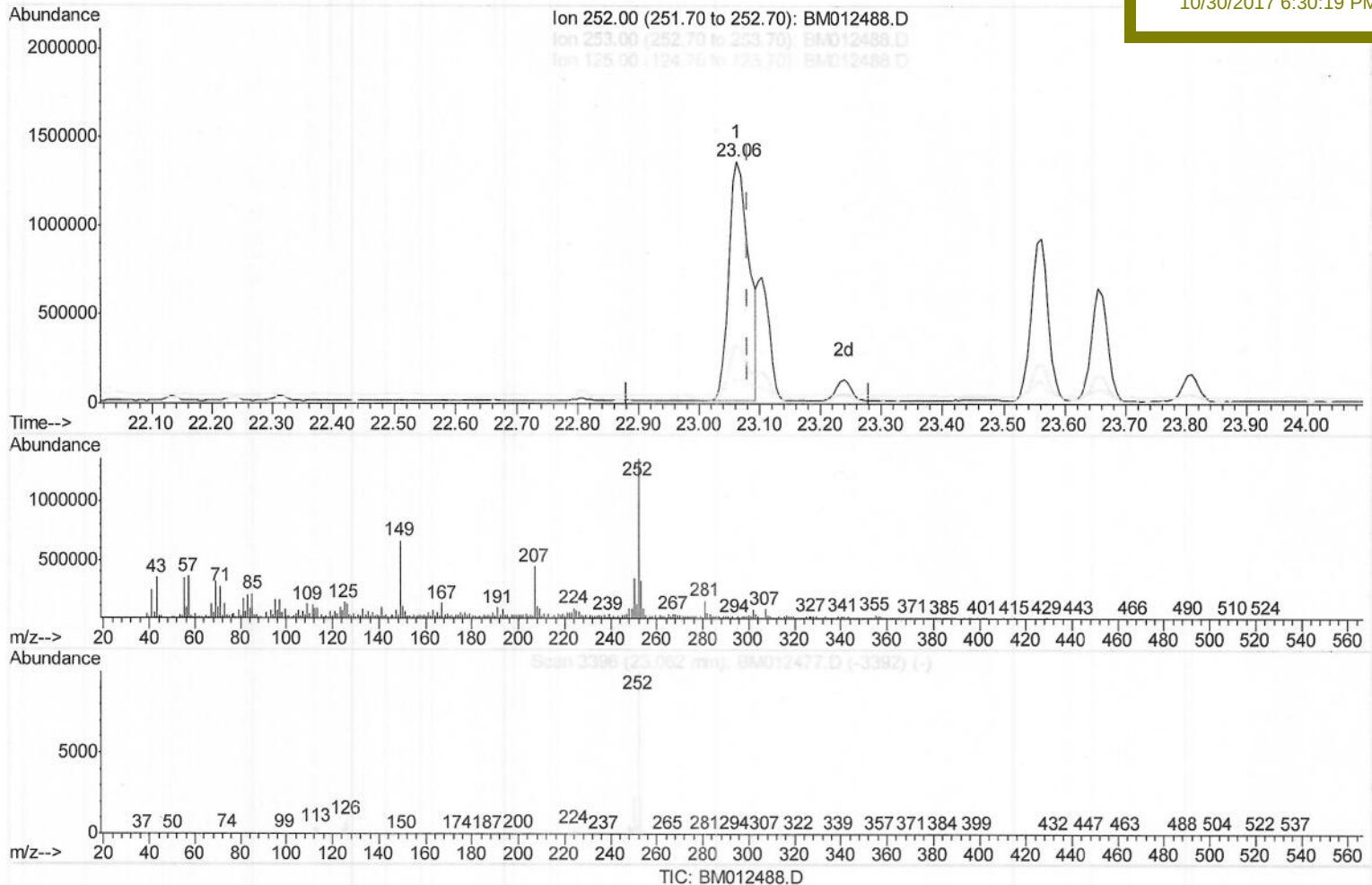
B-13(1-3) 101117

Manual Integrations

APPROVED

Sohil

10/30/2017 6:30:19 PM



(86) Benzo(k)fluoranthene

23.062min (-0.018) 17.39ng/ul

response 3066103

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.95
125.00	4.30	10.08#
0.00	0.00	0.00

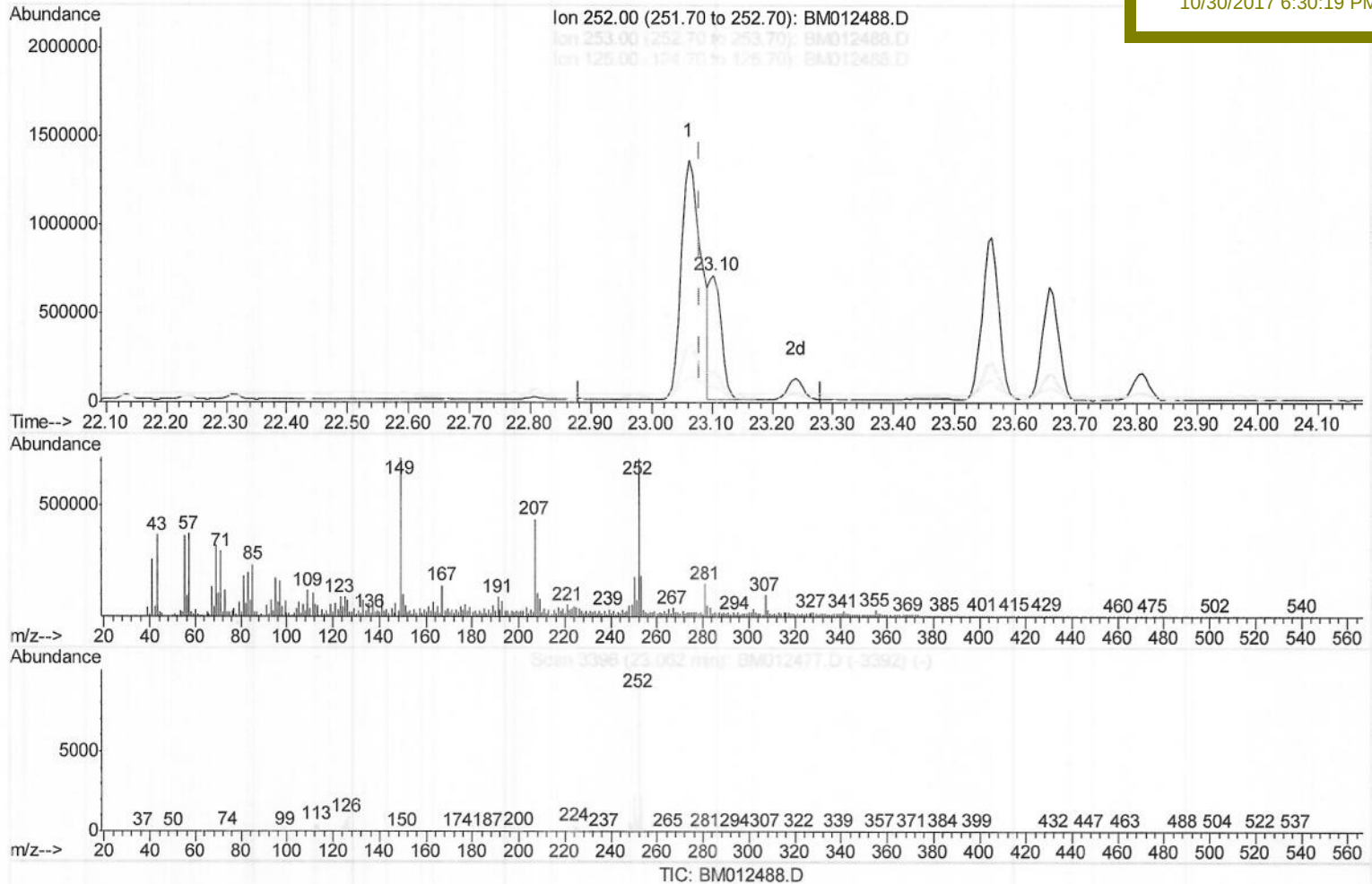
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM



(86) Benzo(k)fluoranthene

23.103min (+0.023) 5.46ng/ul m) JU 10/28/2017

response 962230

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.26
125.00	4.30	12.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012488.D
 Acq On : 27 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I5873-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 B-13(1-3) 101117

Quant Time: Oct 28 01:45:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:30:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	446059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1650861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	924610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2094292	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	2769170	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	3029640	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	45939	5.26	ng/uL	0.00
5) Phenol-d5	7.06	99	892550	23.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	552616	24.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	736299	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	683705	21.47	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	339138	32.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	360076	33.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	722794	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	30163	1.01	ng/ul	-0.01
43) Dimethylphthalate-d6	13.92	166	2052395	25.41	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	2568034	26.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	262595	21.87	ng/ul	0.01
57) Fluorene-d10	15.51	176	1745488	25.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	40966	4.04	ng/ul	0.01
70) Anthracene-d10	17.36	188	2559288	25.64	ng/ul	0.00
76) Pyrene-d10	19.65	212	3132083	24.65	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.61	264	3312303	23.01	ng/ul	0.03

Target Compounds

						Ovalue
6) Phenol	7.08	94	174200	4.49	ng/ul	90
11) 2-Methylphenol	8.33	108	116702	3.99	ng/ul	96
14) Acetophenone	8.69	105	492839	9.85	ng/ul#	42
16) 4-Methylphenol	8.65	108	188601	5.89	ng/ul	94
24) 2,4-Dimethylphenol	9.89	107	1042124m	31.30	ng/ul	
28) Naphthalene	10.73	128	707012	8.64	ng/ul	98
34) 2-Methylnaphthalene	12.34	142	251895	3.79	ng/ul	97
44) Dimethylphthalate	13.97	163	95741	1.20	ng/ul#	97
47) Acenaphthylene	14.23	152	182703	2.00	ng/ul#	93
49) Acenaphthene	14.57	153	115214	1.84	ng/ul	98
53) Dibenzofuran	14.91	168	208428	2.26	ng/ul	96
58) Fluorene	15.56	166	240523	3.08	ng/ul#	90
67) Atrazine	16.86	200	870159	33.25	ng/ul#	59
69) Phenanthrene	17.30	178	3678939	32.48	ng/ul	99
71) Anthracene	17.39	178	297101m	2.54	ng/ul	
72) Carbazole	17.66	167	129313	1.33	ng/ul#	79
74) Fluoranthene	19.32	202	4840709	37.72	ng/ul#	93
77) Pyrene	19.68	202	4107848	26.09	ng/ul#	91
80) Benzo(a)anthracene	21.43	228	1787052	10.78	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.34	149	31992717m	338.93	ng/ul	
82) Chrysene	21.48	228	2431416	16.49	ng/ul	96
85) Benzo(b)fluoranthene	23.06	252	3066103	16.37	ng/ul#	94
86) Benzo(k)fluoranthene	23.10	252	962230m	5.46	ng/ul	

JU 10/28/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 01:45:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-13(1-3) 101117

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.66	252	1177250	6.59	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.11	276	1446724	6.88	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.12	278	403020	2.26	ng/ul#	76
91) Benzo(g,h,i)perylene	26.84	276	1150337	6.75	ng/ul#	90

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