

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023288.D
 Acq On : 19 Oct 2019 15:06
 Operator : JU
 Sample : K5378-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0011

Manual Integrations
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mohammad
 10/22/2019 1:45:13 AM

Quant Time: Oct 20 00:36:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	371177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1451353	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	879140	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1836684	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2015287	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2376772	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	30941	3.67	ng/uL	0.00
5) Phenol-d5	6.82	99	460128	14.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	373209	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	473901	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	336821	12.97	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	240485	24.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	225309	24.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	463294	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	244527	8.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1340977	19.90	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1772033	22.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	57910	5.31	ng/ul	0.00
58) Fluorene-d10	15.29	176	1314774	22.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	112881	15.50	ng/ul	0.00
71) Anthracene-d10	17.14	188	2034127	22.97	ng/ul	0.00
79) Pyrene-d10	19.44	212	2391519	24.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2804720	23.28	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	68166	2.045	ng/ul 95
45) Dimethylphthalate	13.76	163	483486	7.170	ng/ul 98
70) Phenanthrene	17.08	178	492971	4.783	ng/ul 99
77) Fluoranthene	19.10	202	1521316	12.410	ng/ul 100
80) Pyrene	19.46	202	1197430	9.485	ng/ul 97
83) Benzo(a)anthracene	21.22	228	816083	5.976	ng/ul 98
85) Chrysene	21.27	228	773843	6.103	ng/ul 99
88) Benzo(b)fluoranthene	22.78	252	1023042	7.099	ng/ul 99
89) Benzo(k)fluoranthene	22.82	252	400400m	2.894	ng/ul
91) Benzo(a)pyrene	23.34	252	570955	4.130	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.64	276	477874	2.905	ng/ul 95
94) Benzo(g,h,i)perylene	26.32	276	374940	2.769	ng/ul 98

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

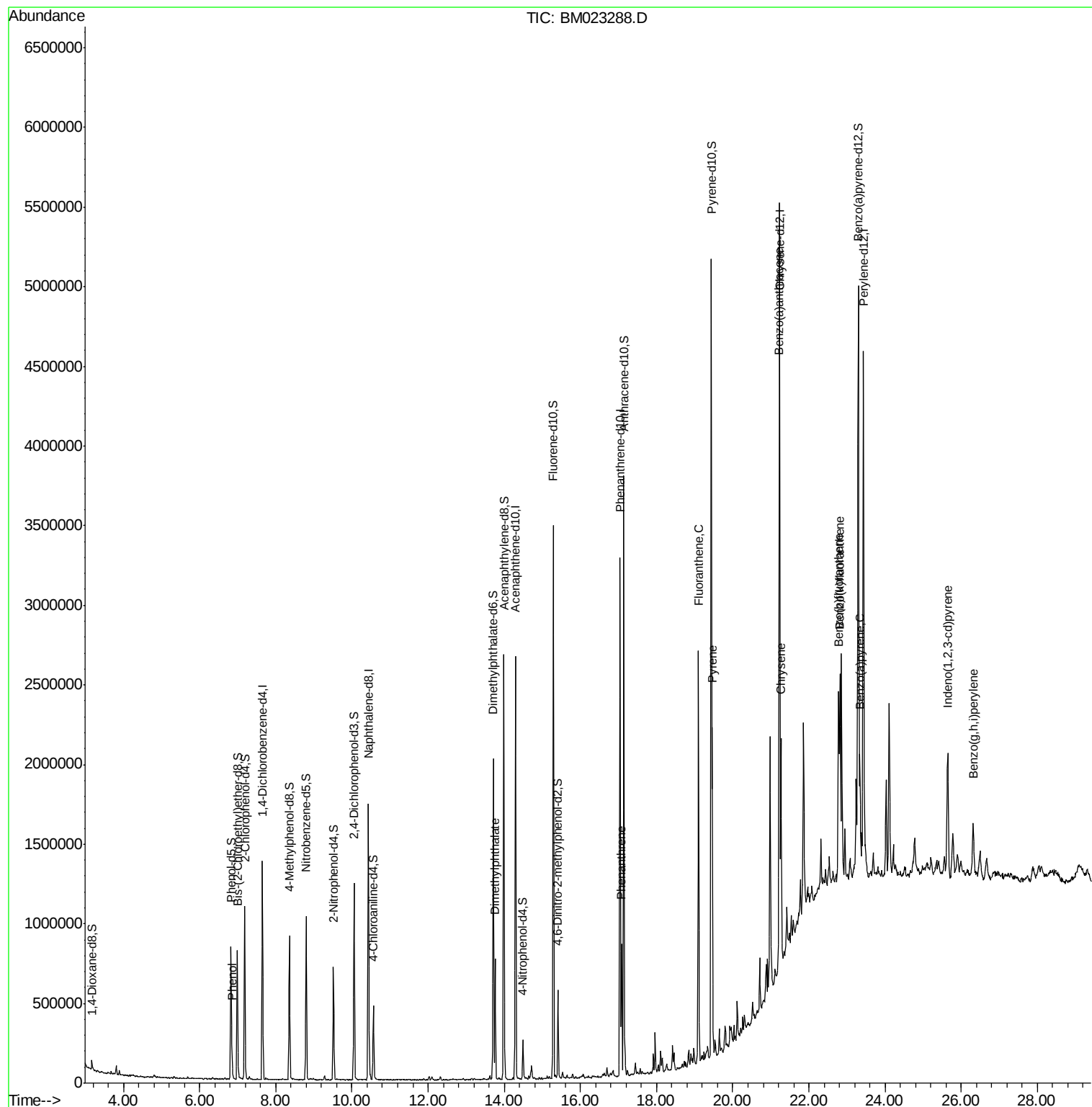
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023288.D
Acq On : 19 Oct 2019 15:06
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

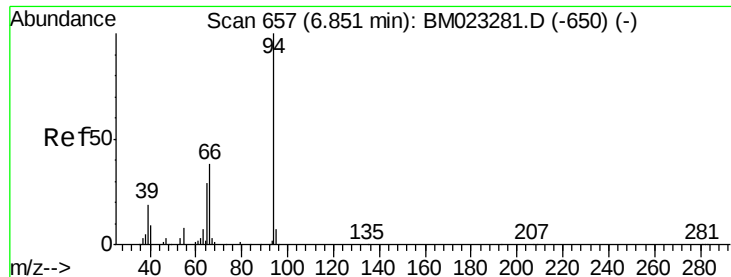
Instrument :
BNA_M
ClientSampleId :
C0011

Quant Time: Oct 20 00:36:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.045 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Instrument :

BNA_M

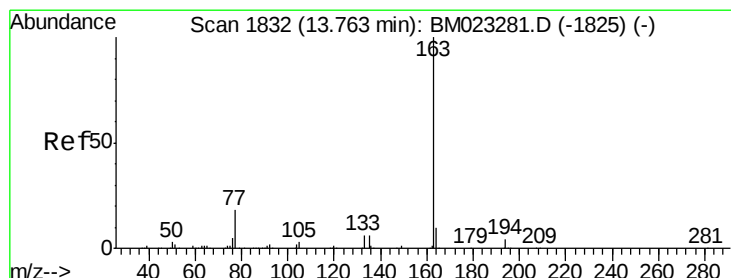
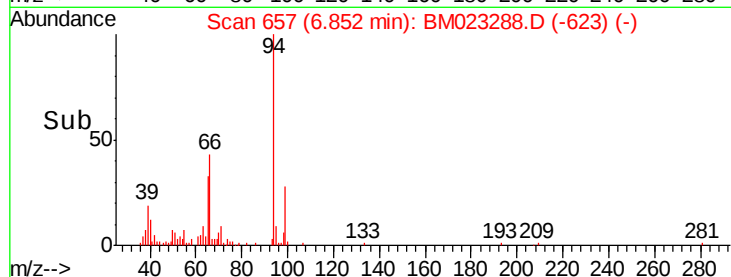
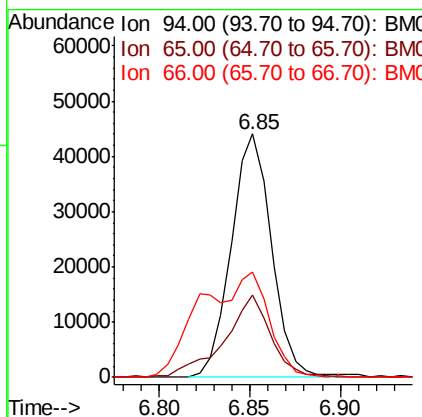
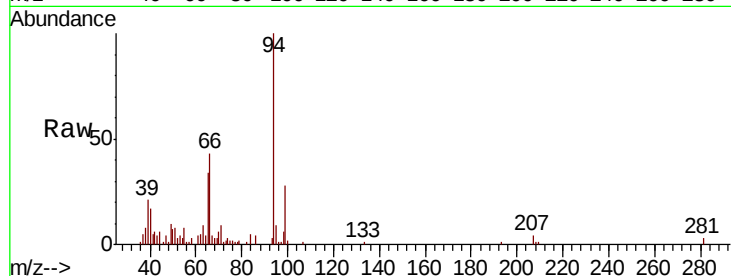
ClientSampled :

C0011

Tot Ion:	94	Resp:	68166
Ion	Ratio	Lower	Upper
94	100		
65	33.6	23.7	35.5
66	43.1	32.9	49.3

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#45

Dimethylphthalate

Concen: 7.170 ng/ul

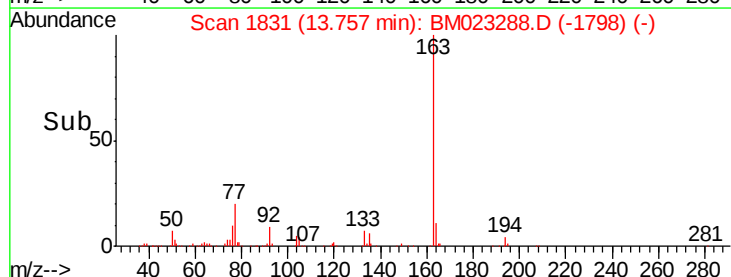
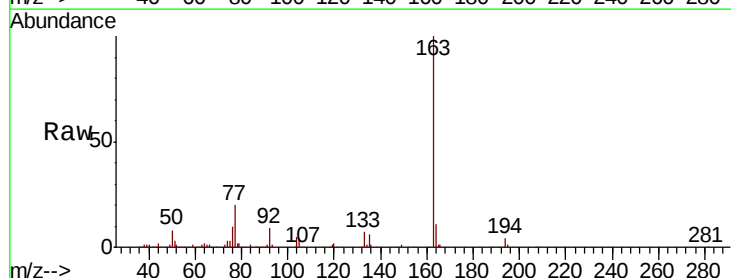
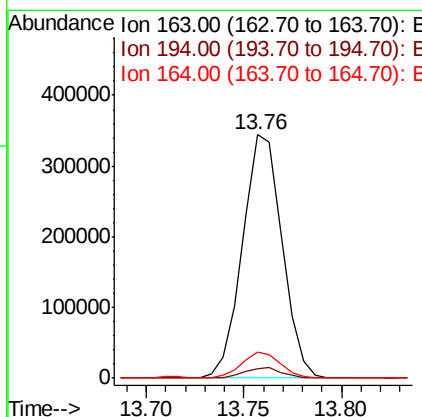
RT: 13.76 min Scan# 1831

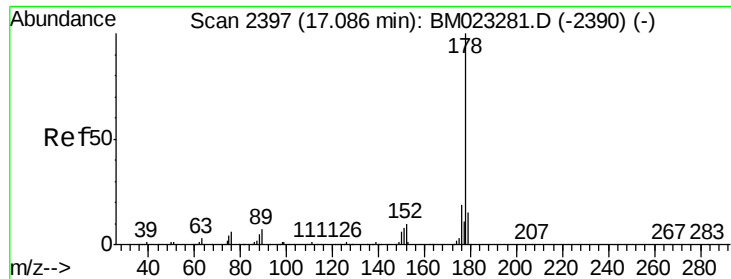
Delta R.T. -0.01 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Tgt Ion:	163	Resp:	483486
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.9	8.0	12.0





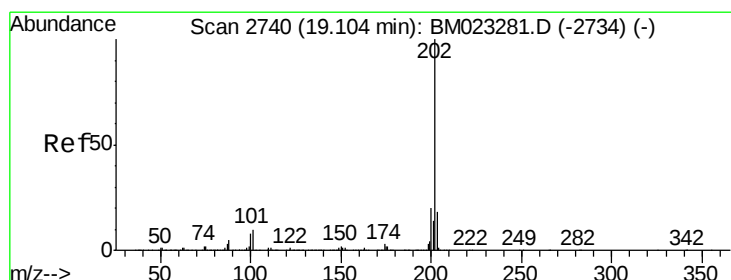
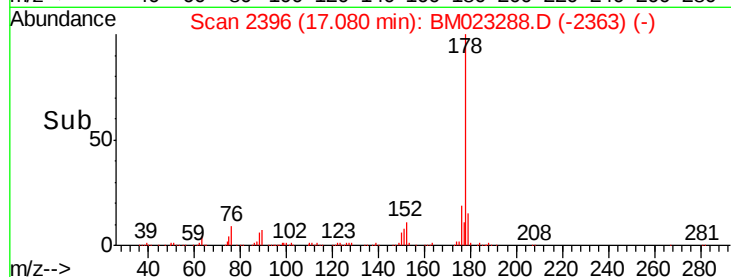
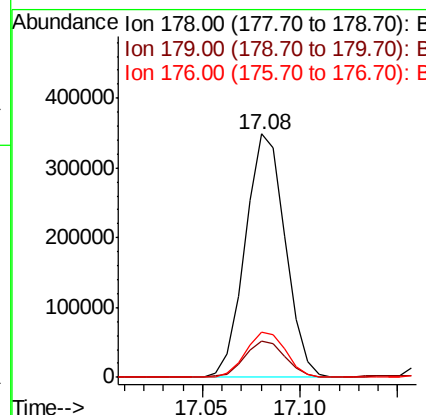
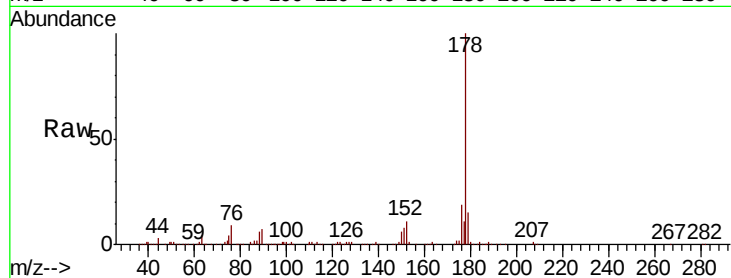
#70
Phenanthrene
Concen: 4.783 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.7	15.5	23.3

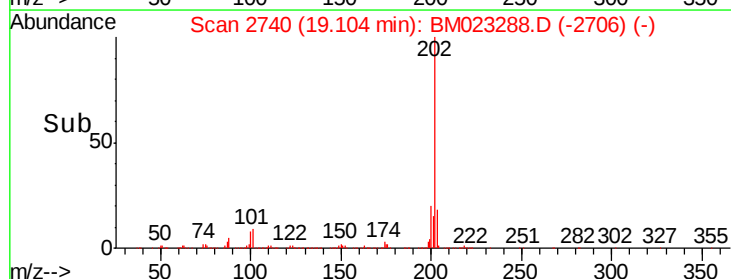
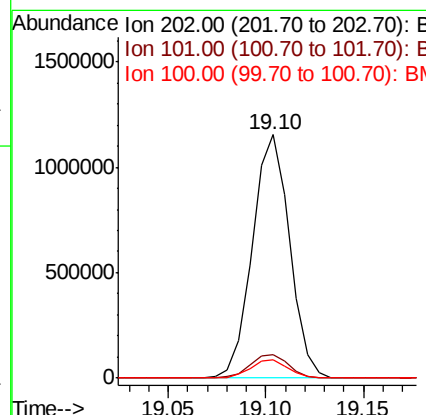
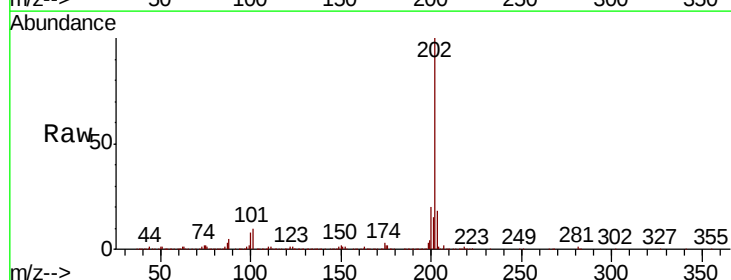
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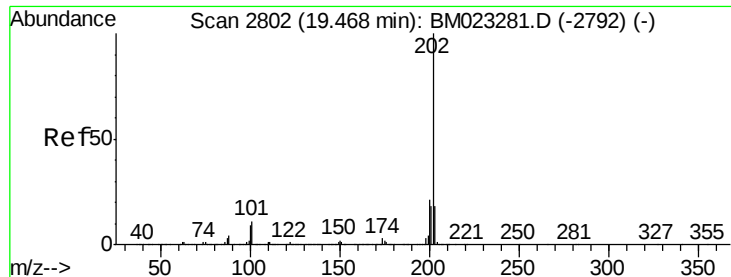
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#77
Fluoranthene
Concen: 12.410 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.8
100	7.6	6.1	9.1





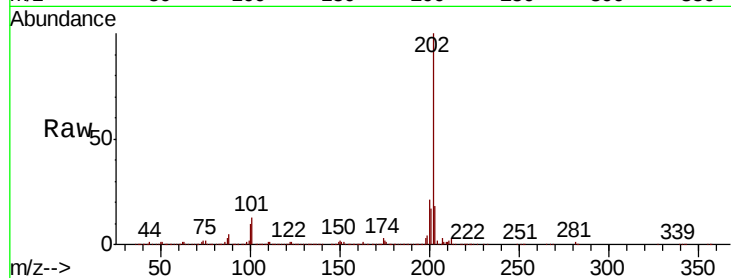
#80
Pvrene
Concen: 9.485 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Instrument :
BNA_M
ClientSampleId :
C0011

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.1	13.7
100	10.2	7.5	11.3

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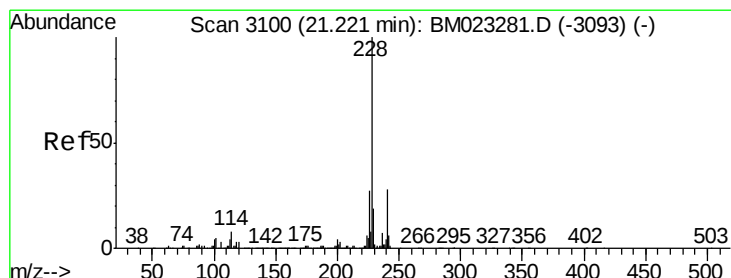
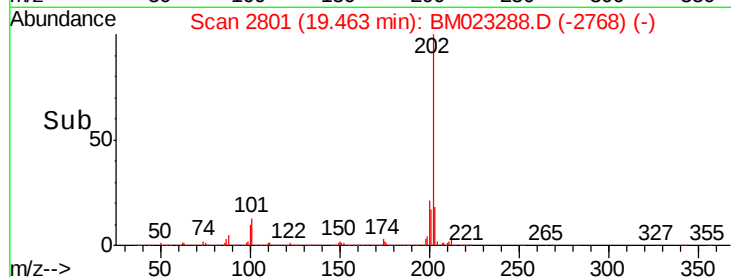
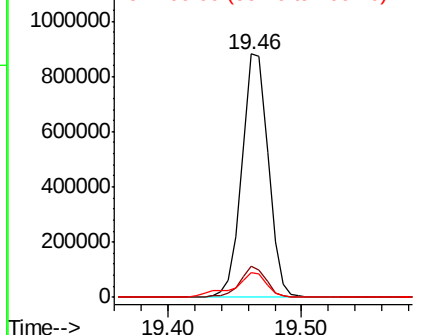


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 5.976 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

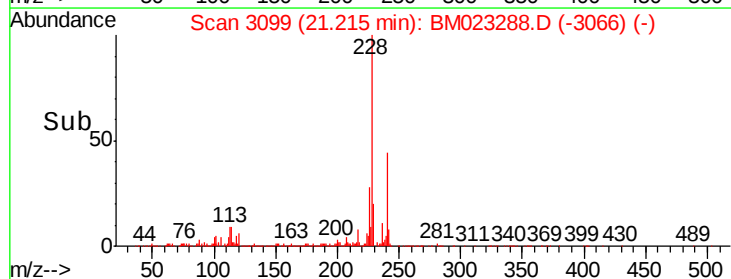
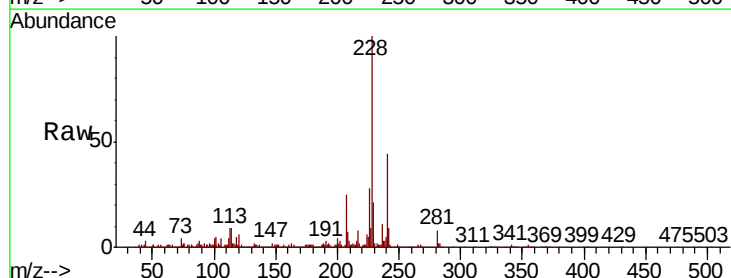
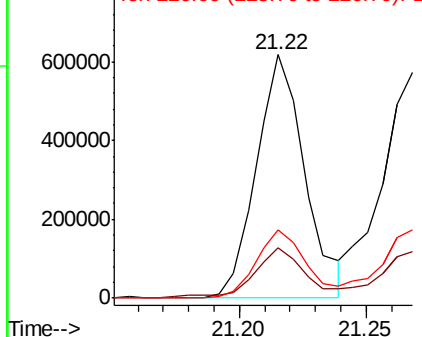
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.9	21.6	32.4

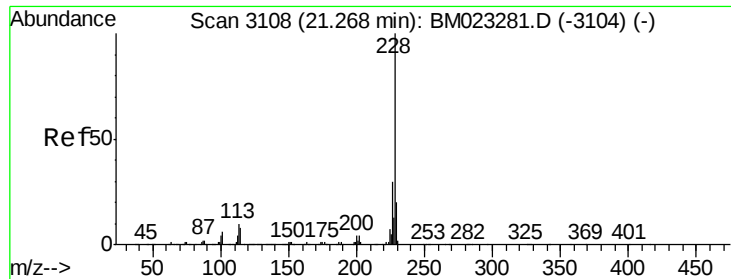
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 6.103 ng/u1

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Instrument :

BNA_M

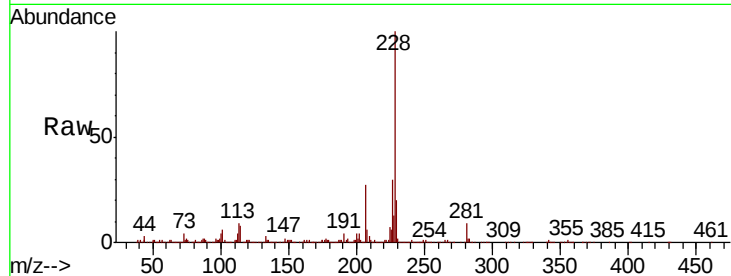
ClientSampleId :

C0011

Tot Ion:	228	Resp:	773843
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	20.4	15.5	23.3

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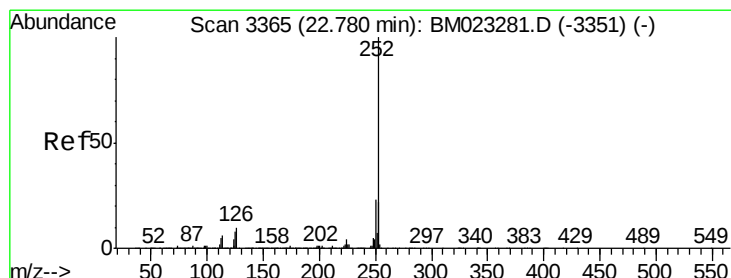
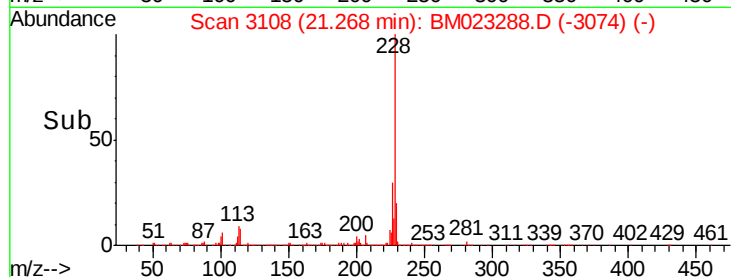
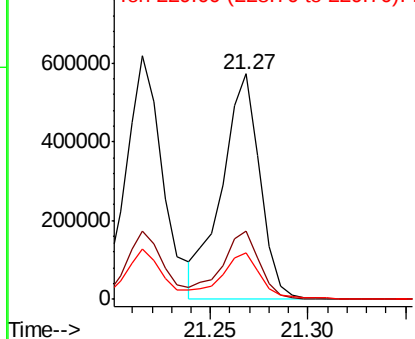


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 7.099 ng/u1

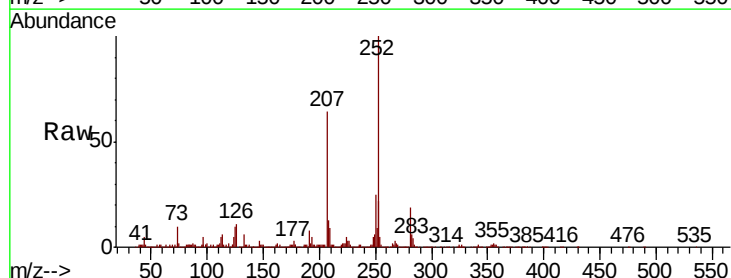
RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Tgt Ion:	252	Resp:	1023042
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.6	6.4	9.6

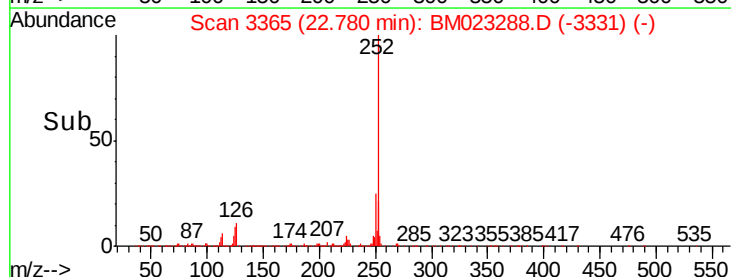
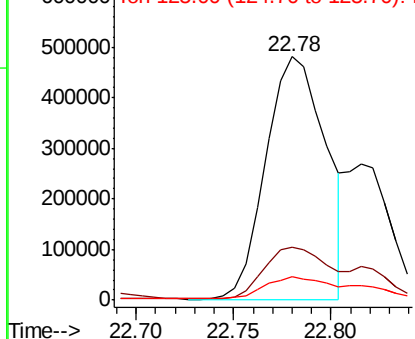


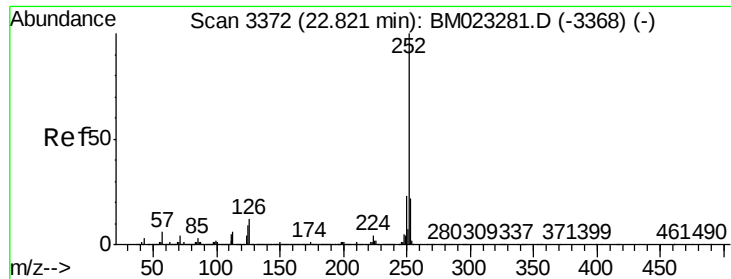
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





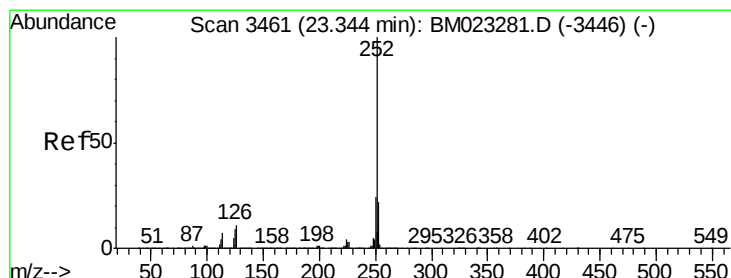
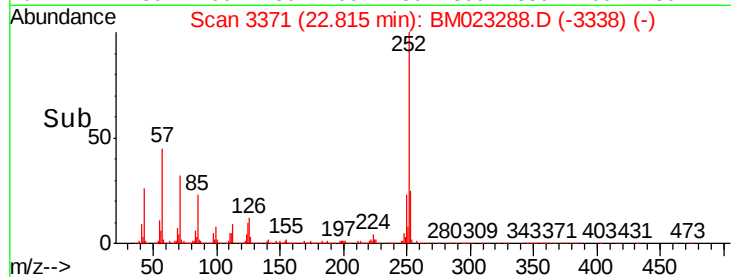
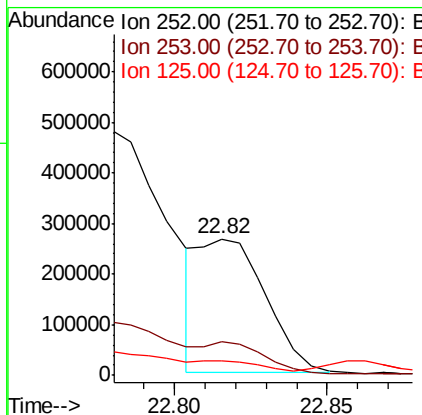
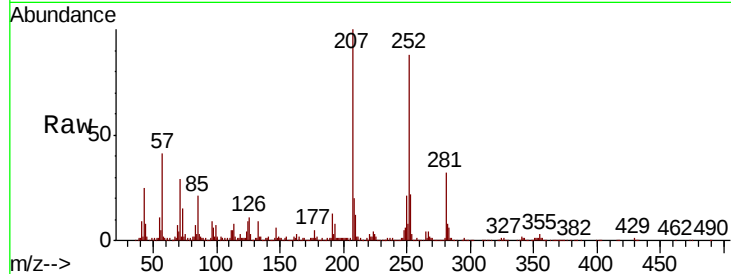
#89
Benzo(k)fluoranthene
Concen: 2.894 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Instrument :
BNA_M
ClientSampleId :
C0011

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	10.5	6.5	9.7

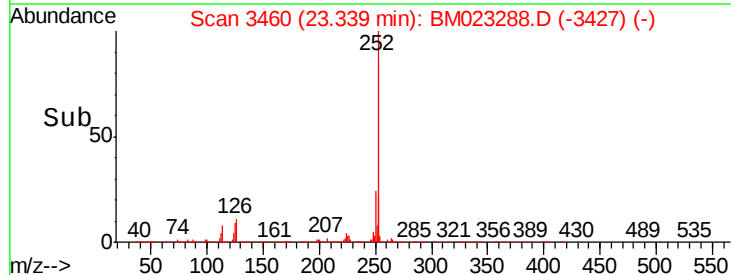
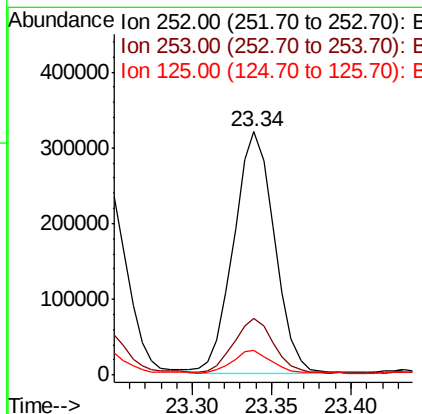
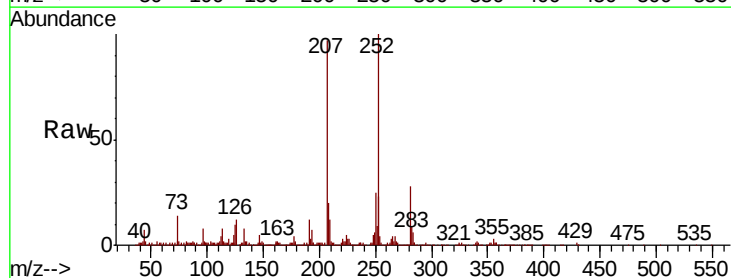
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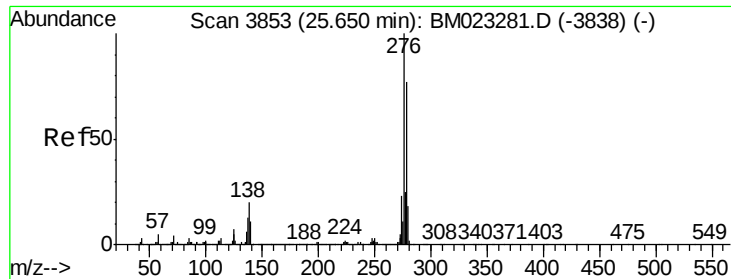
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#91
Benzo(a)pyrene
Concen: 4.130 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	10.3	7.4	11.0





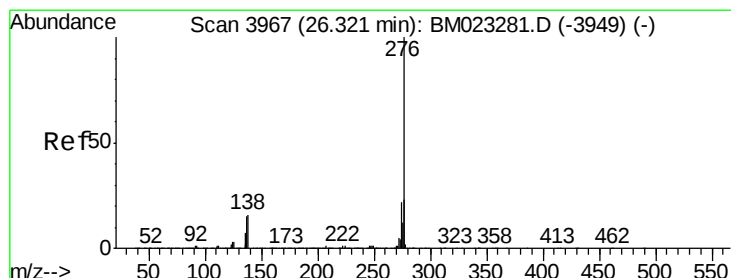
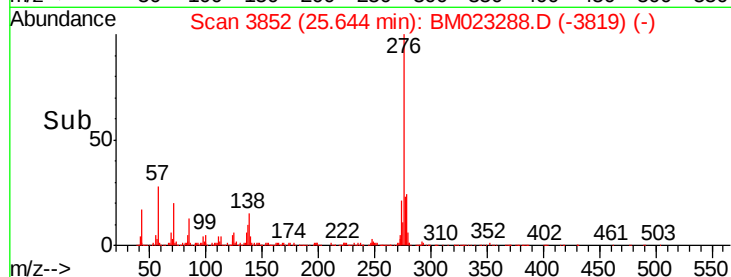
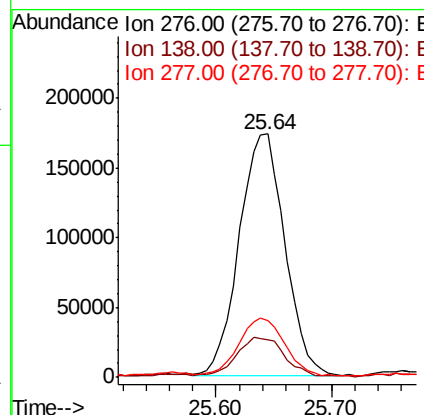
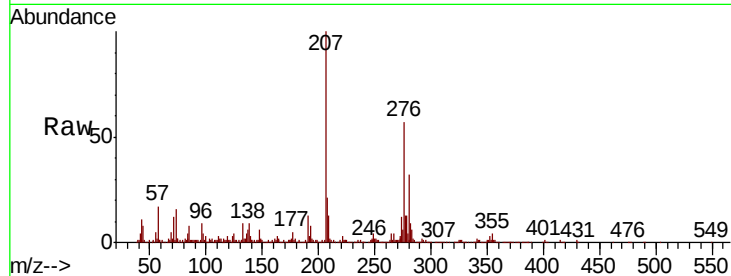
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.905 ng/ul
 RT: 25.64 min Scan# 3852
 Delta R.T. -0.01 min
 Lab File: BM023288.D
 Acq: 19 Oct 2019 15:06

Instrument :
 BNA_M
 ClientSampleId :
 C0011

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.9	22.3
277	23.3	19.8	29.8

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#94
 Benzo(g,h,i)perylene
 Concen: 2.769 ng/ul
 RT: 26.32 min Scan# 3966
 Delta R.T. -0.01 min
 Lab File: BM023288.D
 Acq: 19 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.4	21.6
277	24.6	19.4	29.2

