

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024361.D
 Acq On : 28 Dec 2019 22:11
 Operator : JU
 Sample : K6278-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C84

Manual Integrations
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mohammad
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Quant Time: Dec 29 02:00:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 29 01:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	242856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	989401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	554767	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1126278	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1076458	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1304493	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	28281	5.14	ng/uL	0.00
5) Phenol-d5	6.62	99	469463	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	326550	23.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	380763	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	318058	16.92	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	178102	25.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	193648	24.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	342309	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	346130	18.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	1017335	24.80	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1255738	25.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	107483	14.59	ng/ul	0.01
58) Fluorene-d10	15.08	176	900695	25.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	85953	12.51	ng/ul	0.00
71) Anthracene-d10	16.93	188	1268551	24.75	ng/ul	0.00
79) Pyrene-d10	19.24	212	1426892	27.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1704561	26.31	ng/ul	0.00

Target Compounds					Ovalue	
6) Phenol	6.65	94	51223	2.157	ng/ul	94
45) Dimethylphthalate	13.55	163	144149	3.381	ng/ul	99
70) Phenanthrene	16.87	178	145773	2.312	ng/ul	98
77) Fluoranthene	18.91	202	397779	5.788	ng/ul	98
80) Pyrene	19.27	202	337583	4.804	ng/ul	98
83) Benzo(a)anthracene	21.03	228	177091	2.582	ng/ul	99
85) Chrysene	21.09	228	203801	3.032	ng/ul	96
88) Benzo(b)fluoranthene	22.55	252	296209	3.795	ng/ul#	94
89) Benzo(k)fluoranthene	22.59	252	107702m	1.406	ng/ul	
91) Benzo(a)pyrene	23.08	252	189337	2.681	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.27	276	147143	1.735	ng/ul	95
94) Benzo(g,h,i)perylene	25.90	276	149733	2.163	ng/ul	95

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

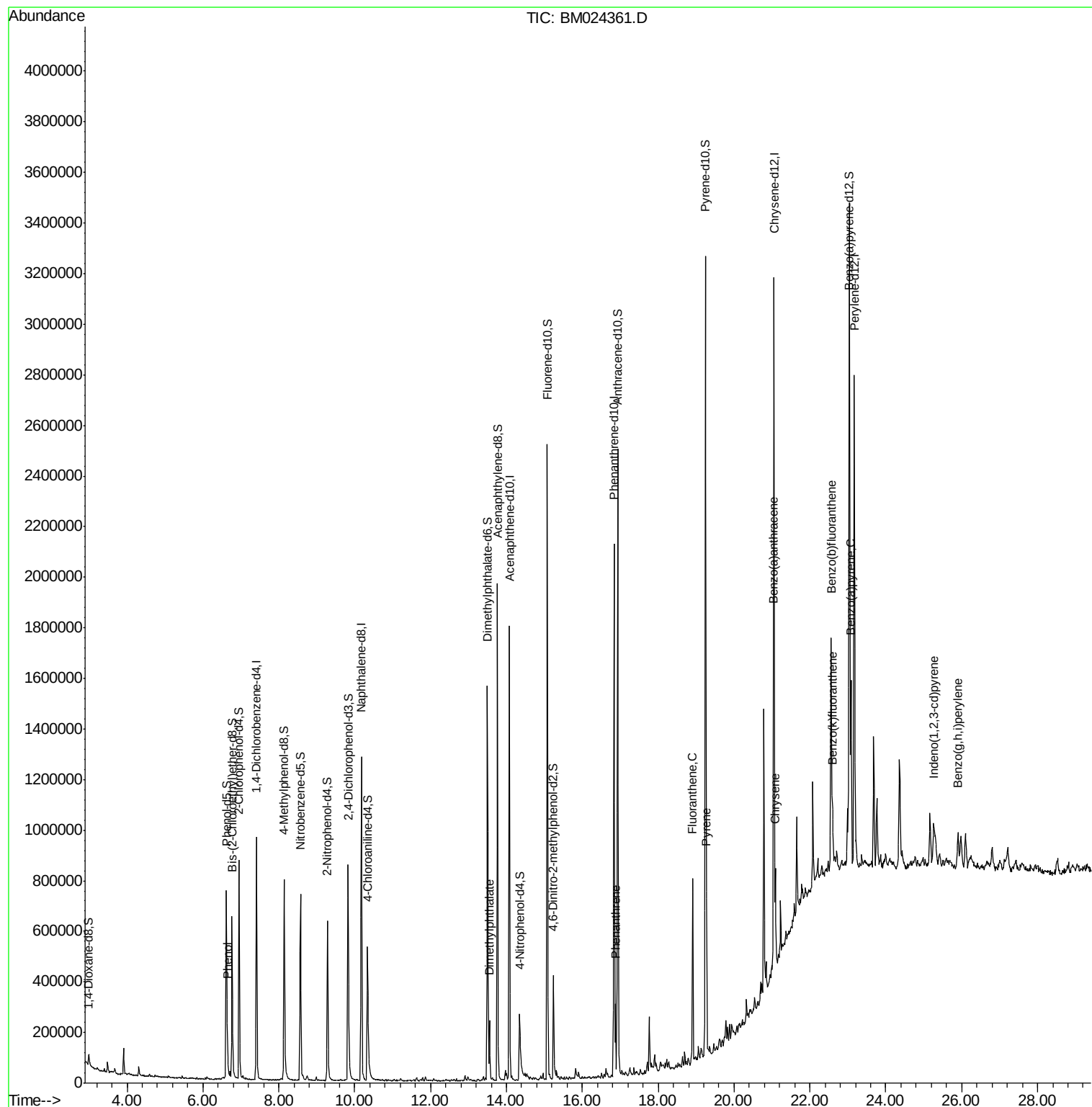
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024361.D
Acq On : 28 Dec 2019 22:11
Operator : JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

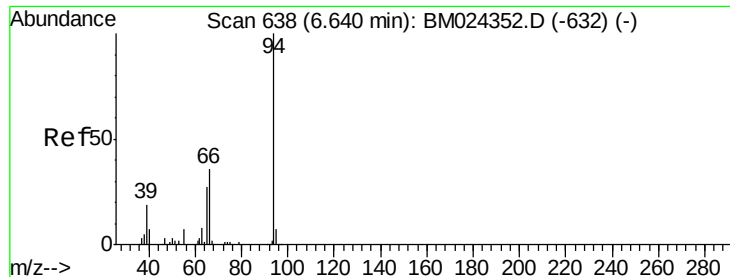
Instrument :
BNA_M
ClientSampleId :
C0C84

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Quant Time: Dec 29 02:00:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 01:30:05 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.157 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM024361.D

Acq: 28 Dec 2019 22:11

Instrument :

BNA_M

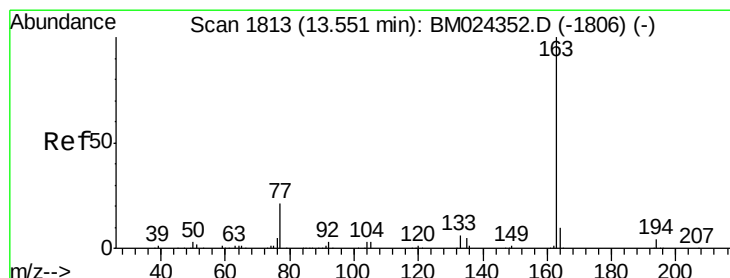
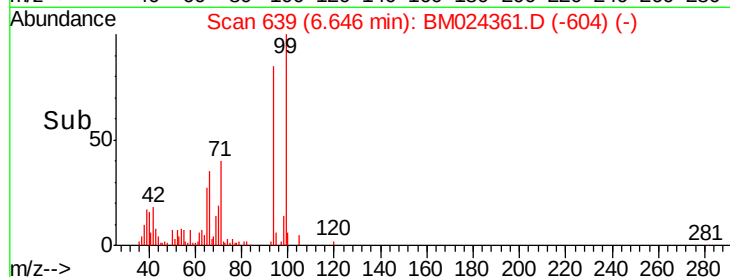
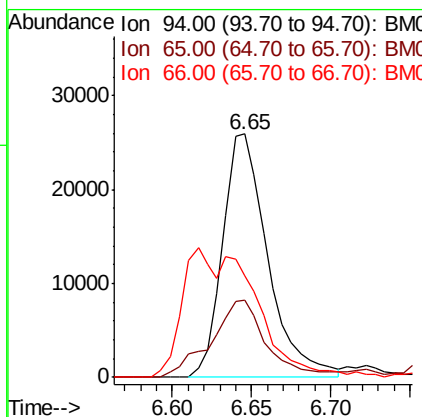
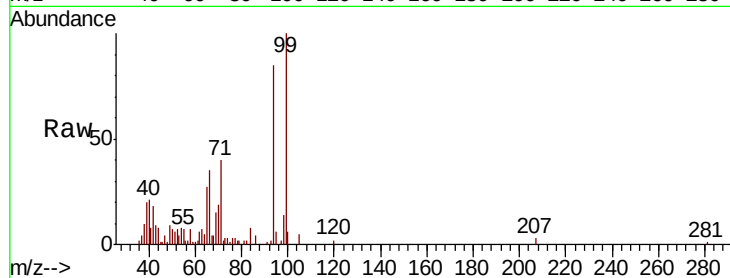
ClientSampleId :

C0C84

Tot Ion:	94	Resp:	51223
Ion	Ratio	Lower	Upper
94	100		
65	31.8	22.6	33.8
66	41.7	30.7	46.1

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#45

Dimethylphthalate

Concen: 3.381 ng/ul

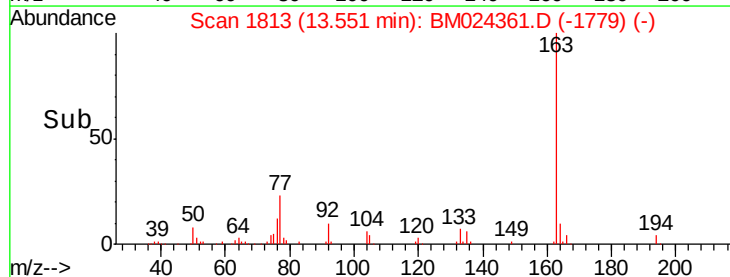
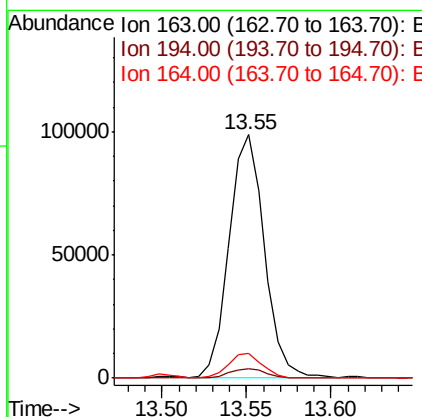
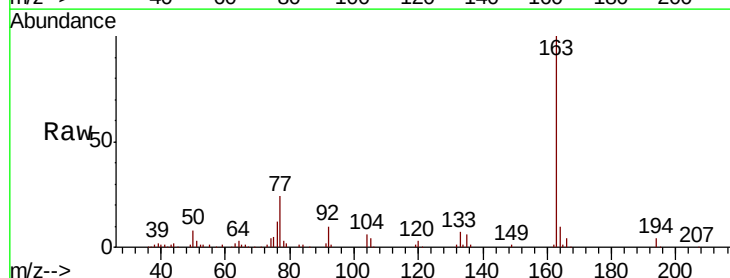
RT: 13.55 min Scan# 1813

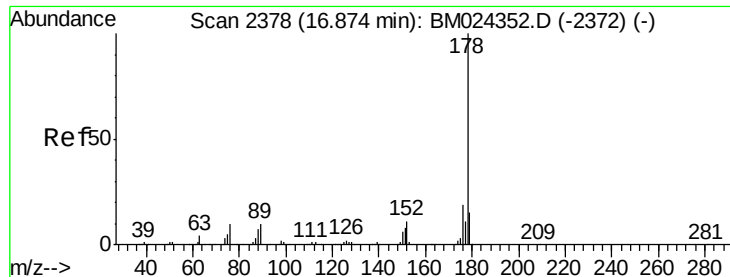
Delta R.T. 0.00 min

Lab File: BM024361.D

Acq: 28 Dec 2019 22:11

Tgt Ion:	163	Resp:	144149
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	7.8	11.6





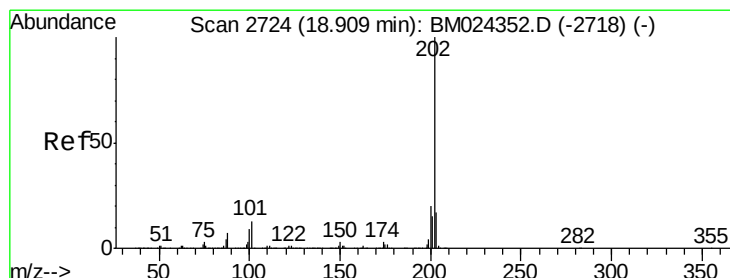
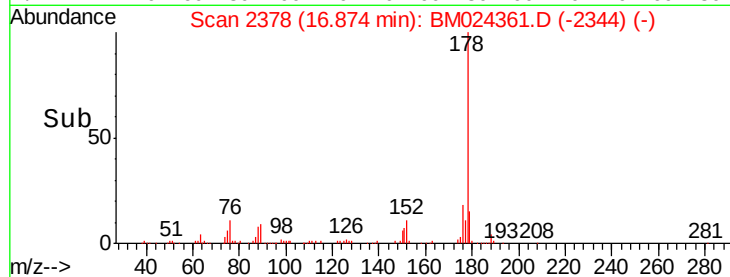
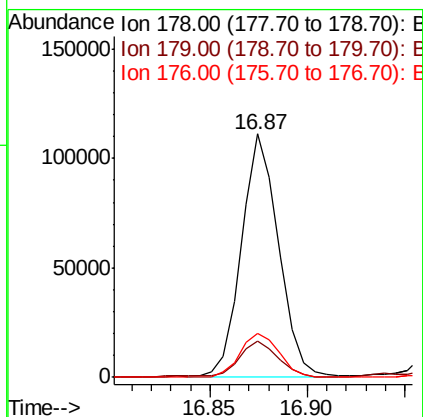
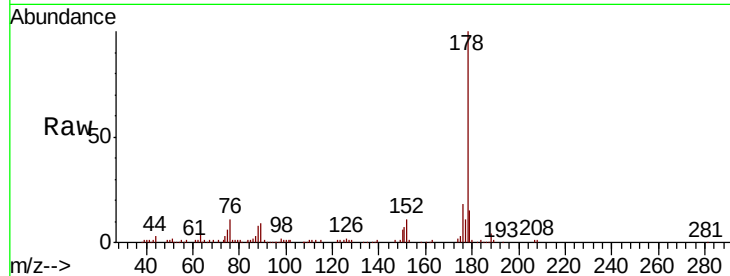
#70
Phenanthrene
Concen: 2.312 ng/ul
RT: 16.87 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM024361.D
Acq: 28 Dec 2019 22:11

Instrument :
BNA_M
ClientSampleId :
C0C84

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.2	15.1	22.7

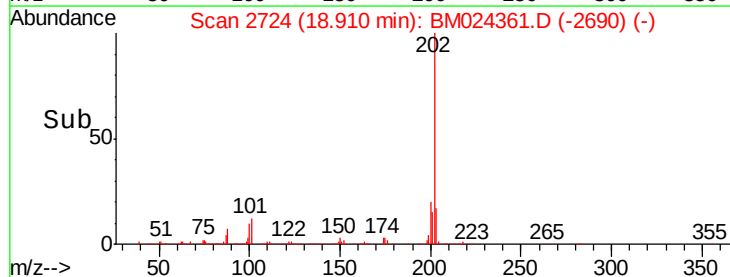
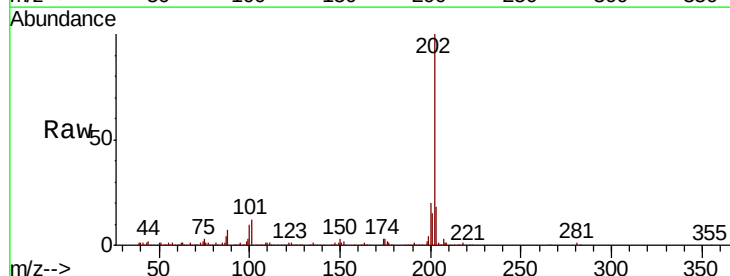
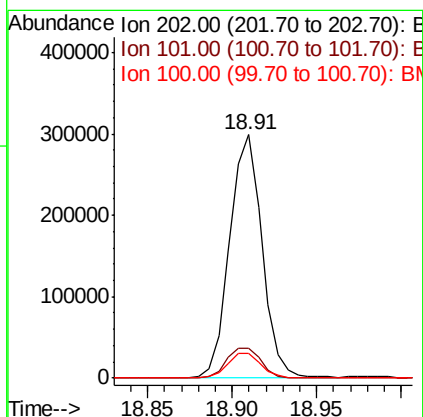
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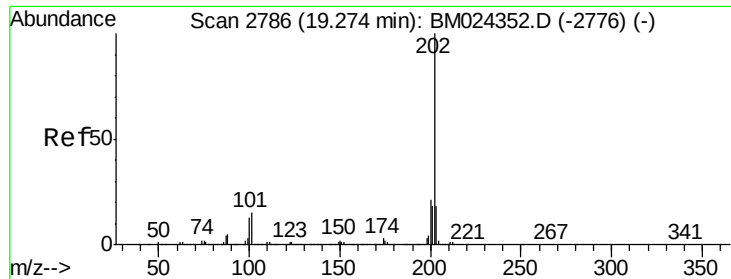
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#77
Fluoranthene
Concen: 5.788 ng/ul
RT: 18.91 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM024361.D
Acq: 28 Dec 2019 22:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
100	10.0	8.1	12.1





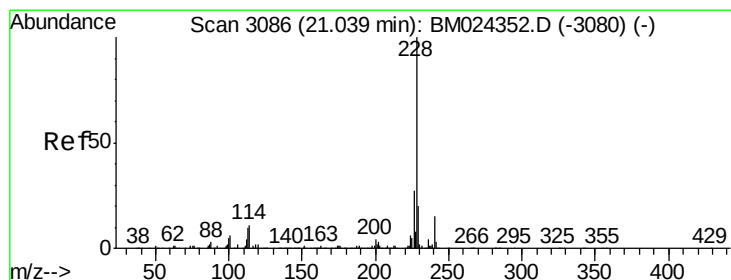
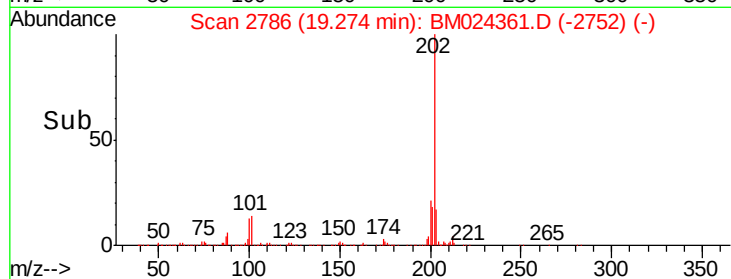
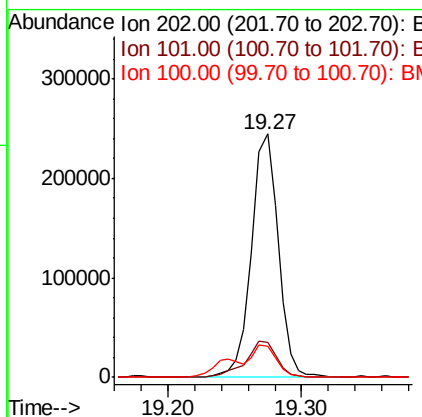
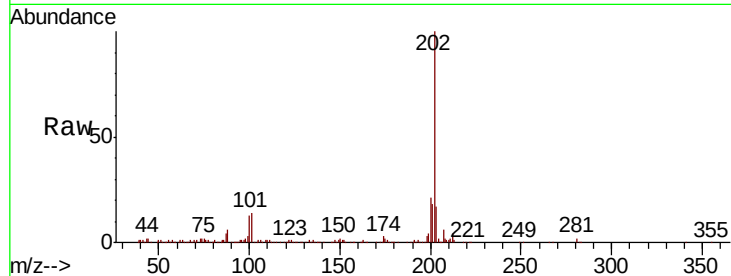
#80
Pvrene
Concen: 4.804 ng/ul
RT: 19.27 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM024361.D
Acq: 28 Dec 2019 22:11

Instrument :
BNA_M
ClientSampleId :
C0C84

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	12.2	18.4
100	12.9	10.0	15.0

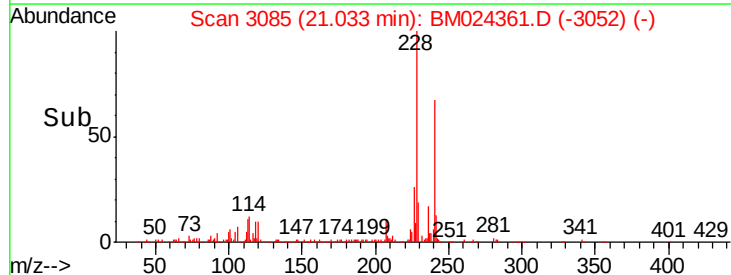
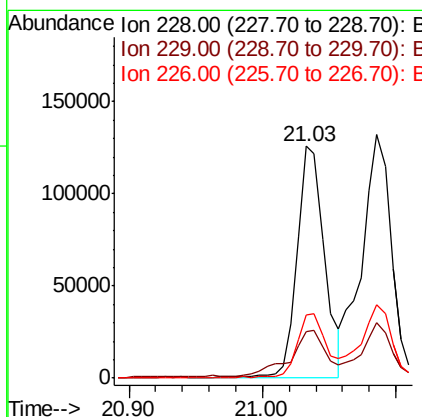
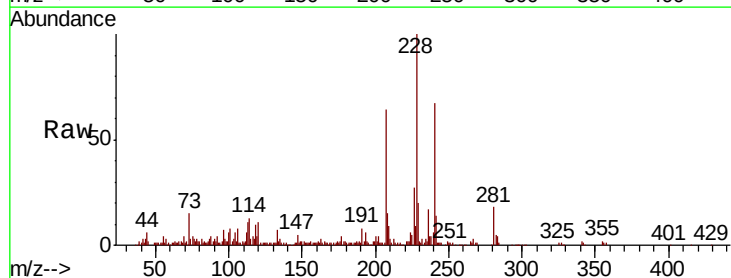
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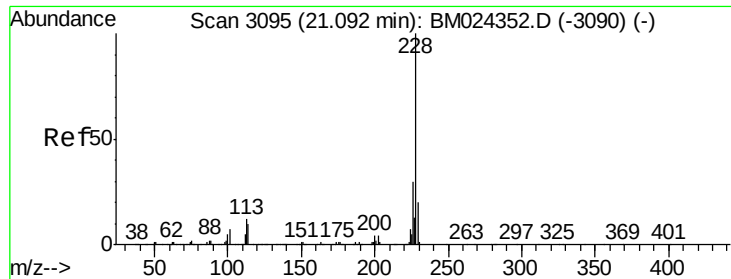
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#83
Benzo(a)anthracene
Concen: 2.582 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024361.D
Acq: 28 Dec 2019 22:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.8	23.8
226	27.2	22.2	33.2





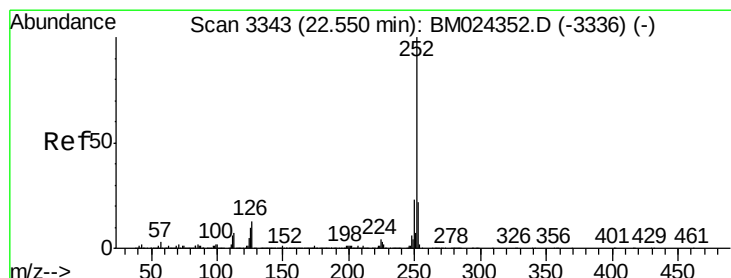
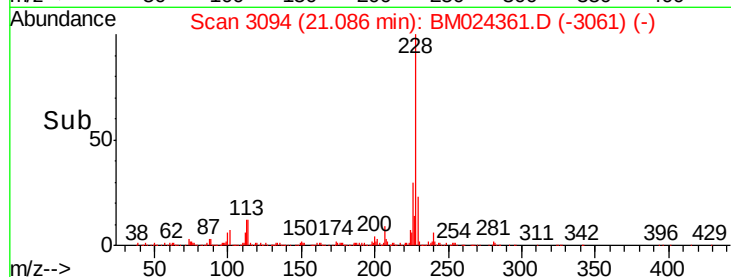
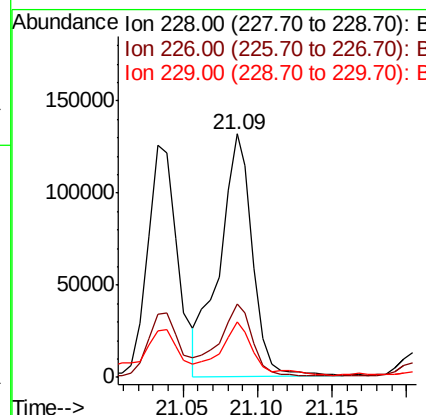
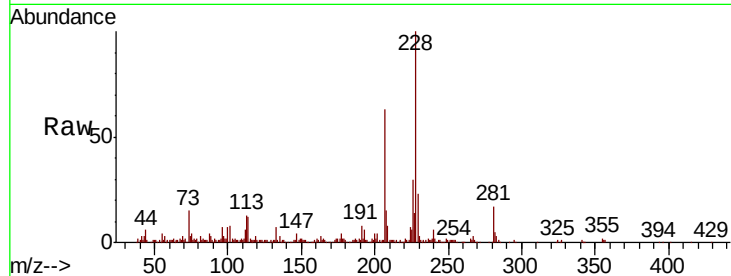
#85
Chrysene
Concen: 3.032 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM024361.D
Acq: 28 Dec 2019 22:11

Instrument :
BNA_M
ClientSampleId :
C0C84

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	23.0	15.4	23.2

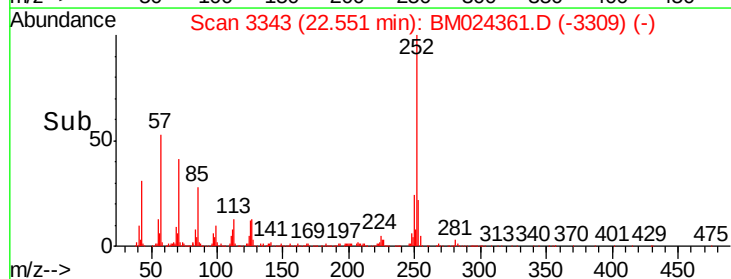
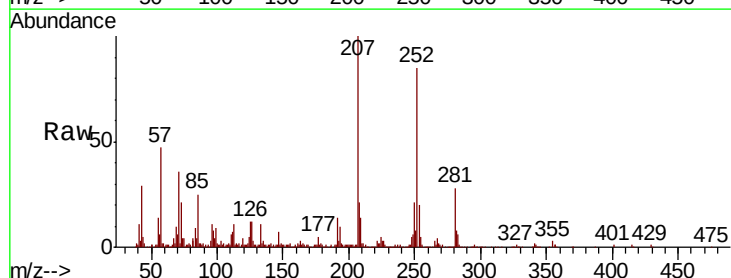
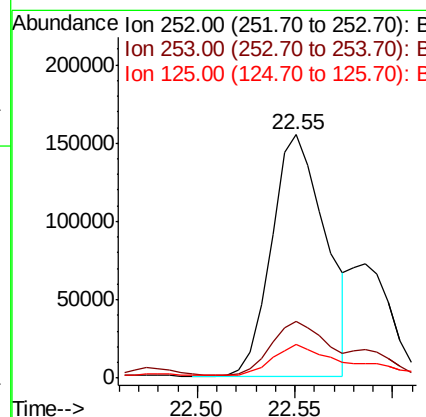
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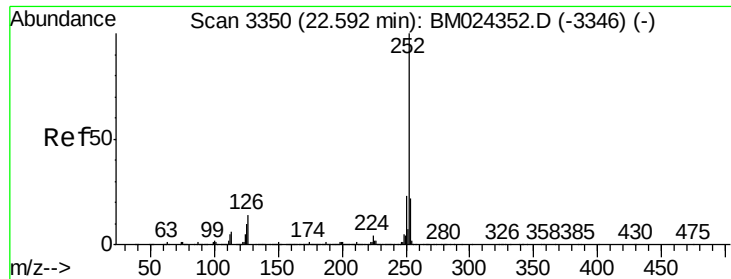
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#88
Benzo(b)fluoranthene
Concen: 3.795 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BM024361.D
Acq: 28 Dec 2019 22:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	13.7	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 1.406 ng/ul m

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024361.D

Acq: 28 Dec 2019 22:11

Instrument :

BNA_M

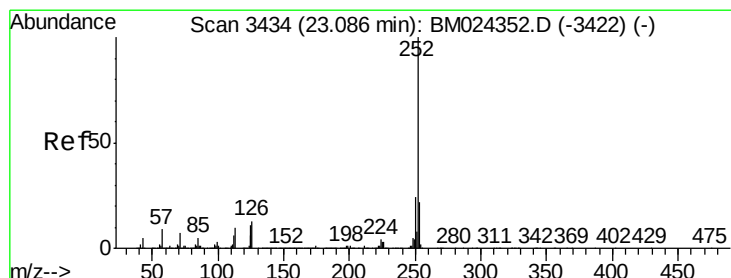
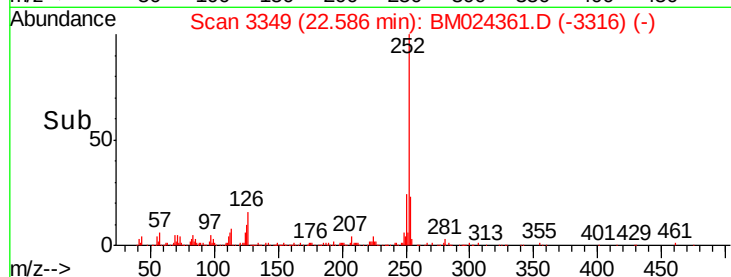
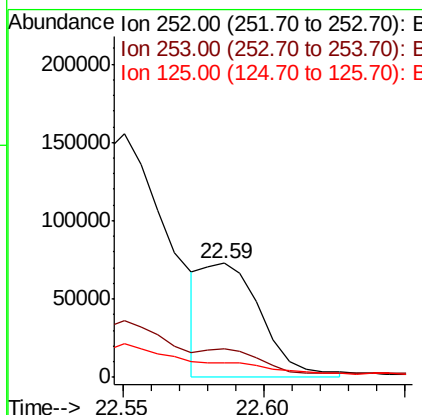
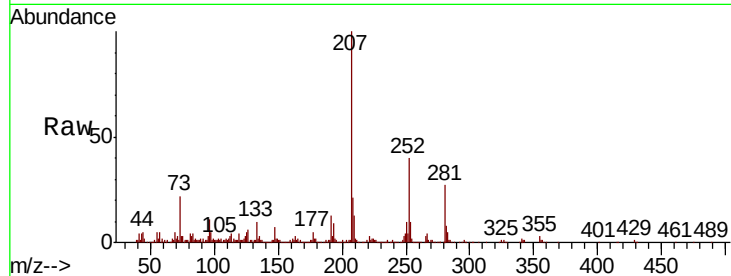
ClientSampleId :

C0C84

Tot Ion:	252	Resp:	107702
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.8
125	12.6	7.9	11.9#

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#91

Benzo(a)pyrene

Concen: 2.681 ng/ul

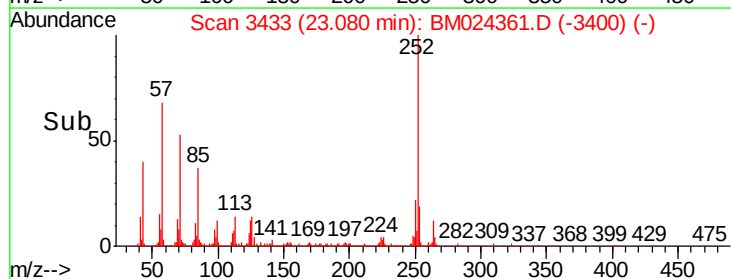
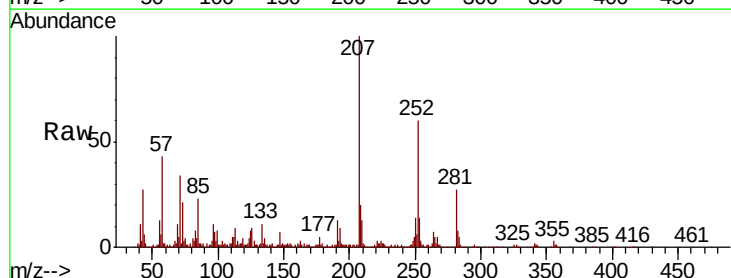
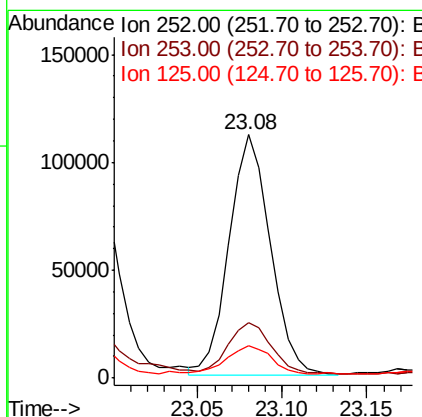
RT: 23.08 min Scan# 3433

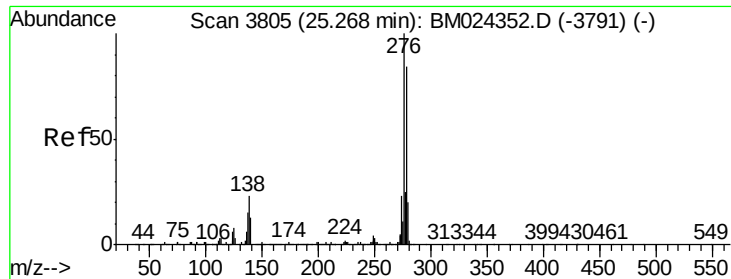
Delta R.T. -0.01 min

Lab File: BM024361.D

Acq: 28 Dec 2019 22:11

Tgt Ion:	252	Resp:	189337
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	13.5	8.2	12.4#





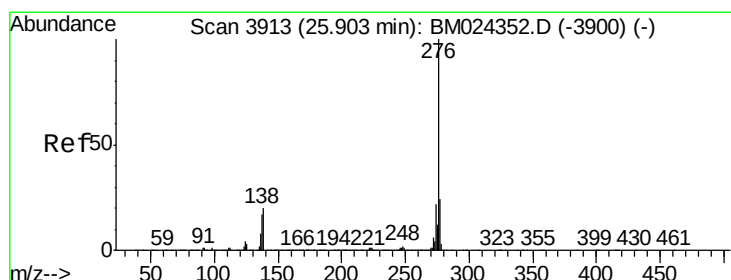
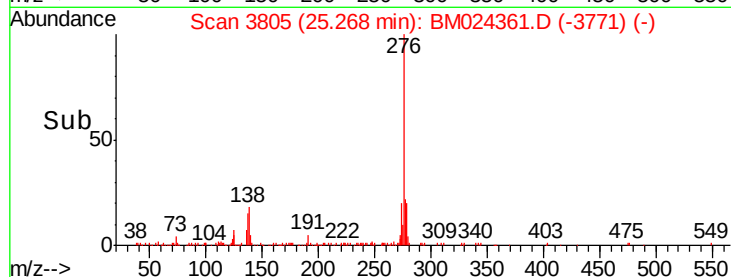
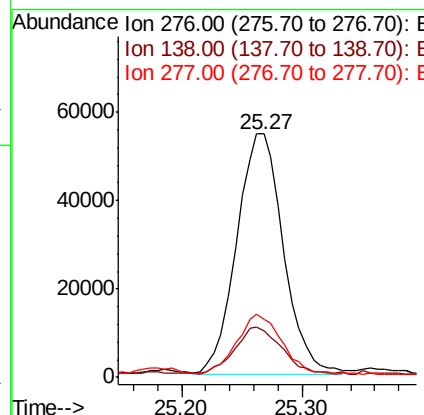
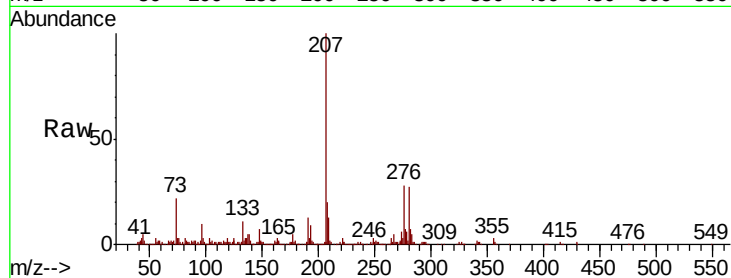
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.735 ng/ul
 RT: 25.27 min Scan# 3805
 Delta R.T. 0.00 min
 Lab File: BM024361.D
 Acq: 28 Dec 2019 22:11

Instrument :
 BNA_M
 ClientSampleId :
 C0C84

Tot Ion:	276	Resp:	147143
Ion Ratio	Lower	Upper	
276	100		
138	19.0	18.3	27.5
277	23.7	20.2	30.2

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#94
 Benzo(g,h,i)perylene
 Concen: 2.163 ng/ul
 RT: 25.90 min Scan# 3913
 Delta R.T. 0.00 min
 Lab File: BM024361.D
 Acq: 28 Dec 2019 22:11

Tgt Ion:	276	Resp:	149733
Ion Ratio	Lower	Upper	
276	100		
138	22.5	15.3	22.9
277	22.9	19.3	28.9

