

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023961.D
 Acq On : 28 Nov 2019 20:13
 Operator : JU
 Sample : K5851-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Manual Integrations
 APPROVED

mohammad
 11/29/2019 8:51:43 AM

Quant Time: Nov 28 22:49:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 17:16:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	527711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	2164815	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1320396	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2680224	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2551430	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	3174666	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	54066	4.56	ng/uL	0.00
5) Phenol-d5	6.67	99	1133746	24.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	646142	24.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	899402	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	907097	24.86	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	437012	26.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	502480	26.31	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.89	165	917189	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	770860	19.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	2626998	25.61	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	3298168	27.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	364798	21.15	ng/ul	0.00
58) Fluorene-d10	15.14	176	2360008	27.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	249419	14.82	ng/ul	0.00
71) Anthracene-d10	17.00	188	3556456	27.78	ng/ul	0.00
79) Pyrene-d10	19.30	212	3742339	28.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4624558	27.56	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.65	77	27538	1.131 ng/ul	97
6) Phenol	6.70	94	137839	2.897 ng/ul	98
14) Acetophenone	8.31	105	154808	2.775 ng/ul	97
45) Dimethylphthalate	13.62	163	912871	9.090 ng/ul	100
48) Acenaphthylene	13.86	152	512049	4.211 ng/ul	99
70) Phenanthrene	16.94	178	332061	2.193 ng/ul	99
72) Anthracene	17.03	178	345427	2.247 ng/ul	100
77) Fluoranthene	18.97	202	2322646	14.304 ng/ul	99
80) Pyrene	19.33	202	2247286	13.073 ng/ul	100
83) Benzo(a)anthracene	21.09	228	2592680	15.203 ng/ul	95
85) Chrysene	21.14	228	2104260	13.139 ng/ul	98
88) Benzo(b)fluoranthene	22.62	252	3574597	18.207 ng/ul	97
89) Benzo(k)fluoranthene	22.66	252	1311648m	7.038 ng/ul	
91) Benzo(a)pyrene	23.16	252	2553148	13.754 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.38	276	1668979	7.241 ng/ul	96
93) Dibenzo(a,h)anthracene	25.38	278	516869	2.670 ng/ul#	80
94) Benzo(g,h,i)perylene	26.03	276	1433008	7.423 ng/ul	98

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

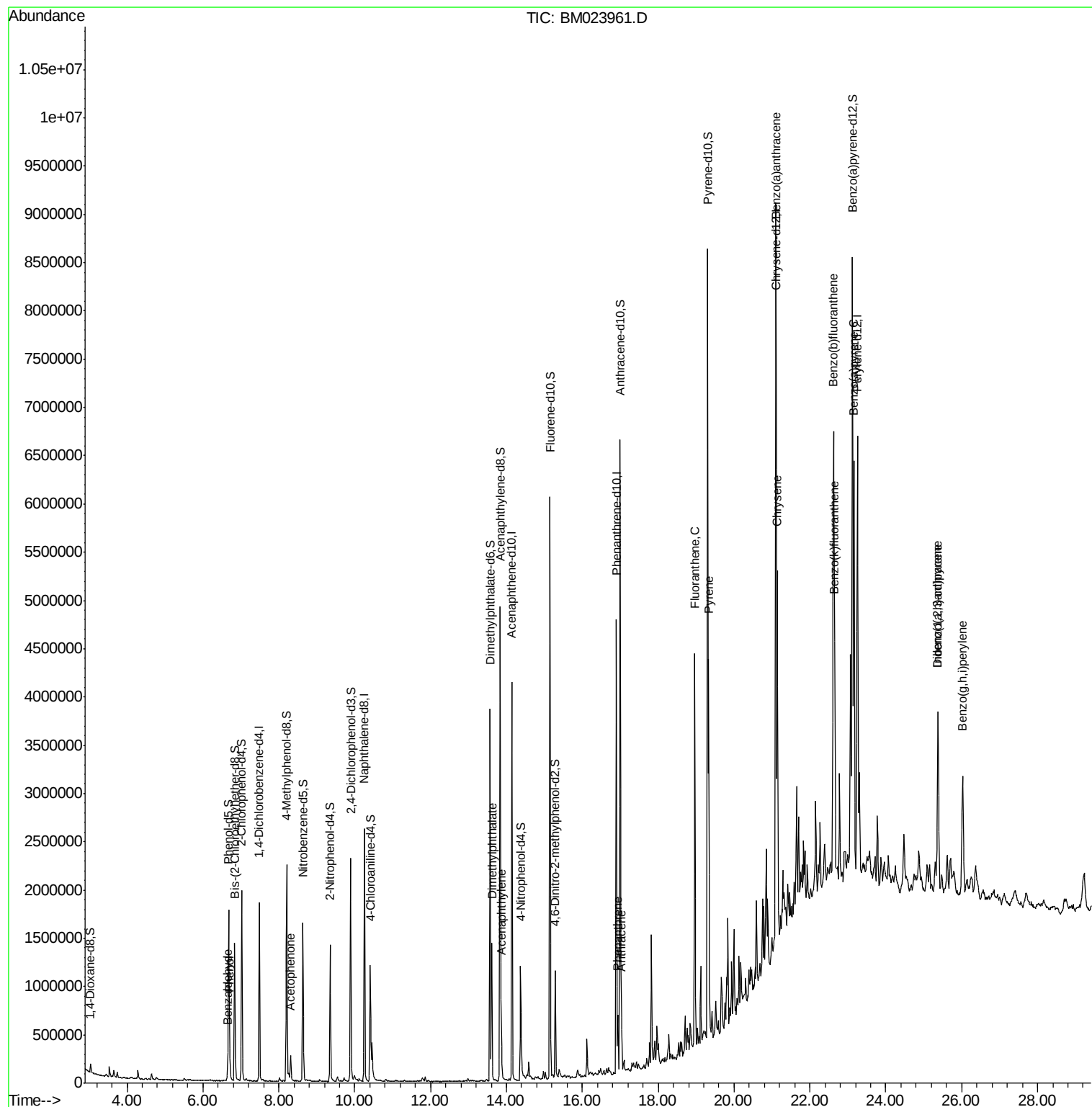
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023961.D
Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

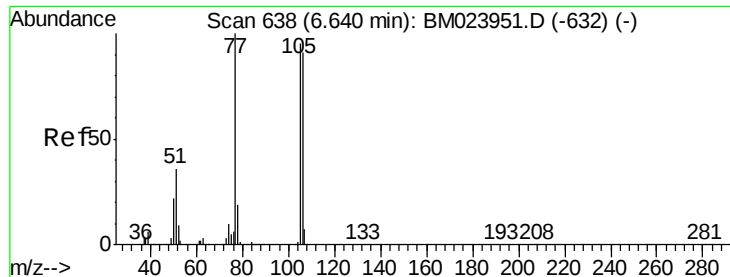
Instrument :
BNA_M
ClientSampleId :
C0AA4

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Quant Time: Nov 28 22:49:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.131 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

Tot Ion: 77 Resp: 27538

Ion Ratio Lower Upper

77 100

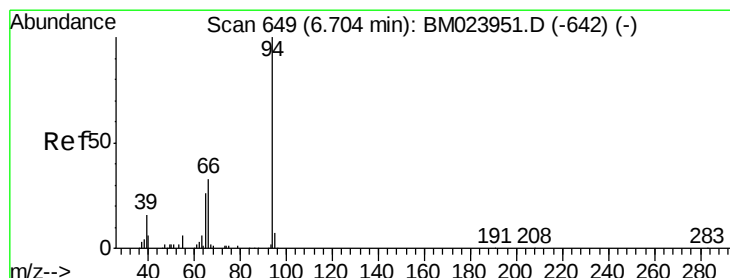
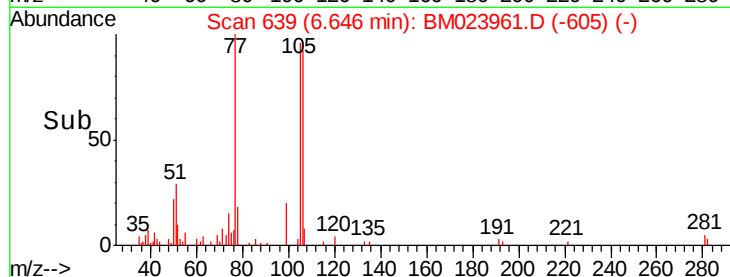
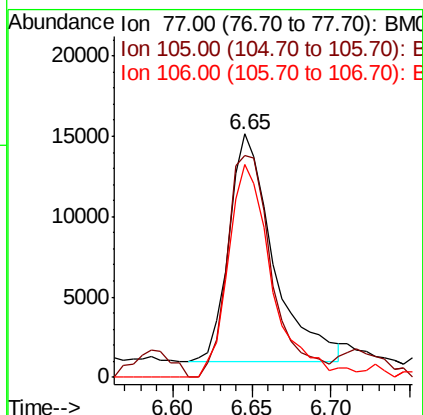
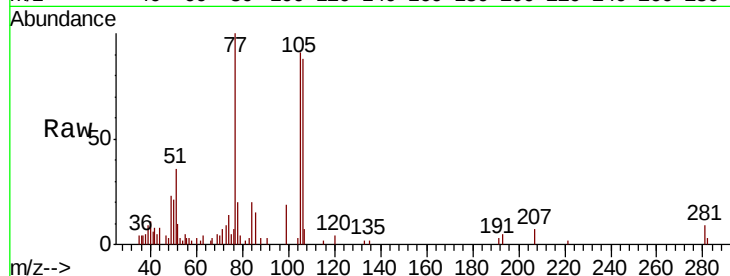
105 90.9 75.4 113.0

106 87.5 72.6 109.0

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#6

Phenol

Concen: 2.897 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

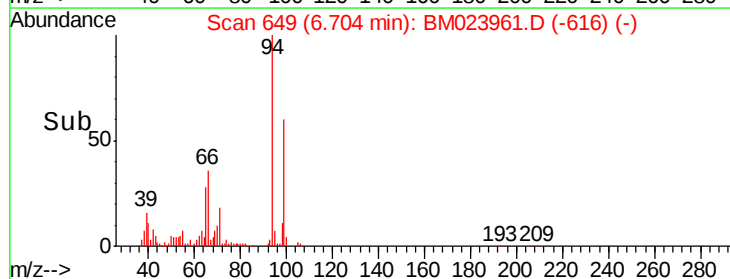
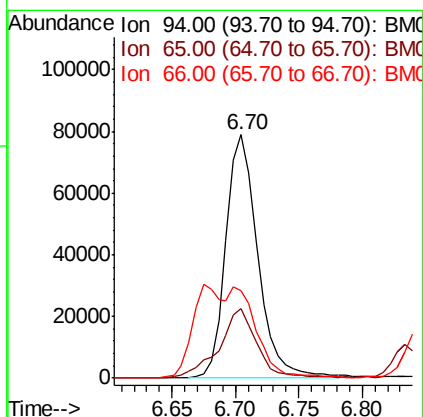
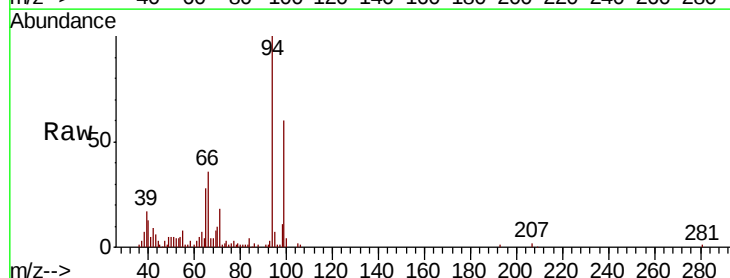
Tgt Ion: 94 Resp: 137839

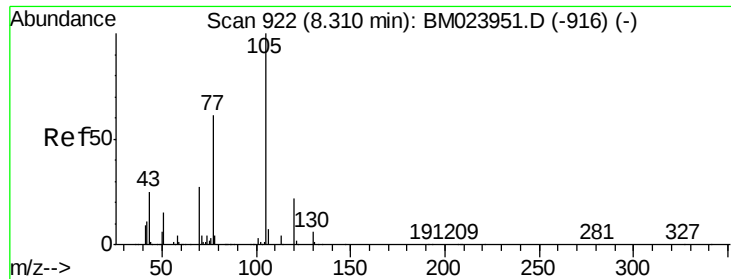
Ion Ratio Lower Upper

94 100

65 28.5 20.8 31.2

66 35.7 28.6 43.0





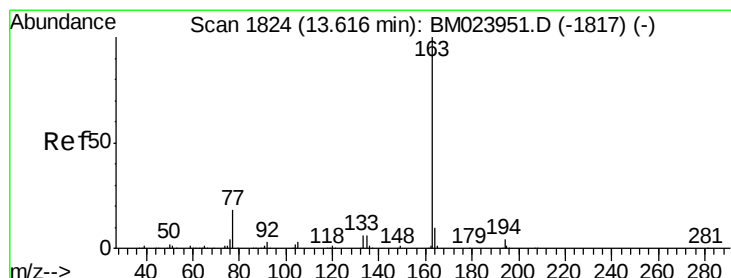
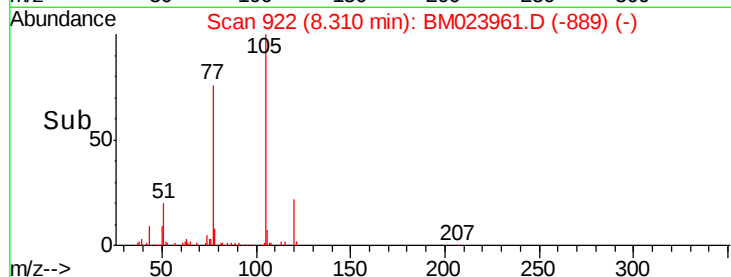
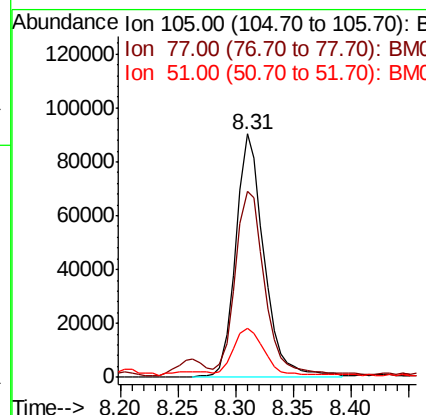
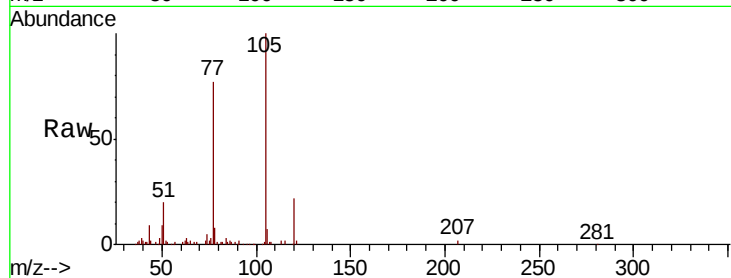
#14
Acetophenone
Concen: 2.775 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Instrument :
BNA_M
ClientSampleId :
C0AA4

Tot Ion:	105	Resp:	154808
Ion Ratio		Lower	Upper
105	100		
77	76.6	64.2	96.2
51	20.4	16.7	25.1

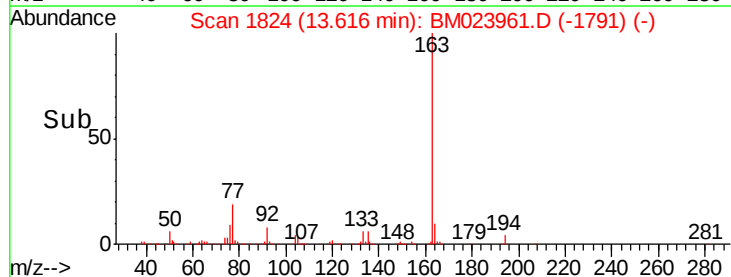
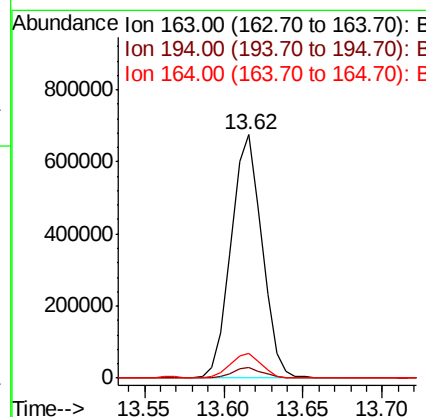
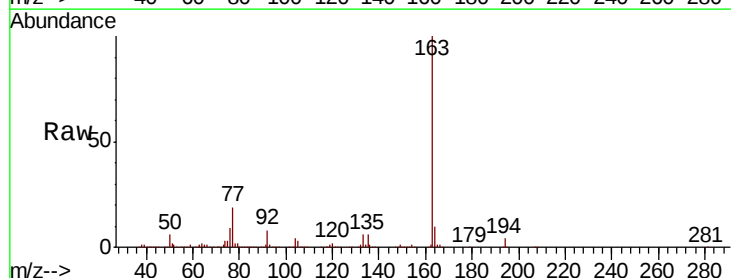
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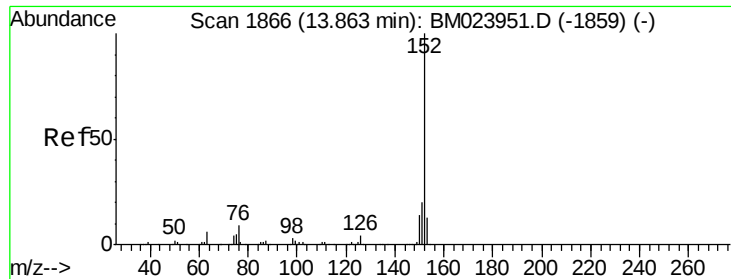
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#45
Dimethylphthalate
Concen: 9.090 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Tgt Ion:	163	Resp:	912871
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.0	8.0	12.0





#48

Acenaphthylene

Concen: 4.211 ng/ul

RT: 13.86 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

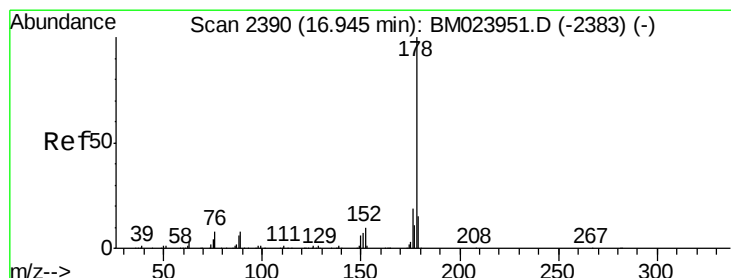
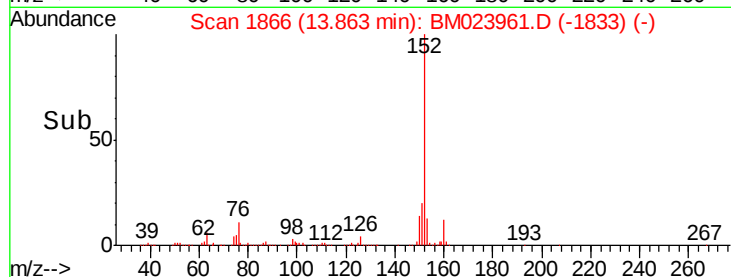
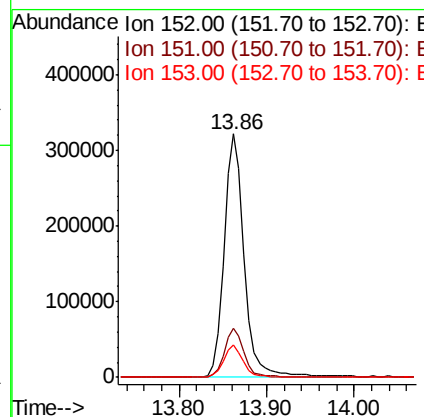
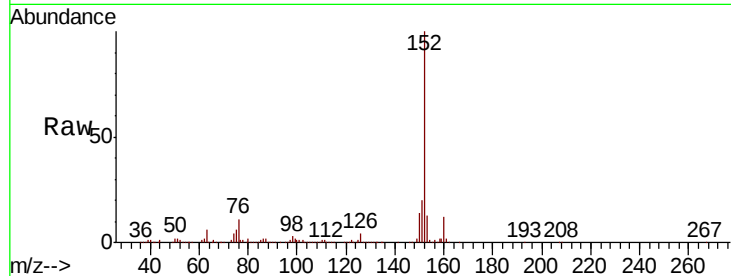
ClientSampleId :

C0AA4

Tot Ion:	152	Resp:	512049
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.4	10.3	15.5

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#70

Phenanthrene

Concen: 2.193 ng/ul

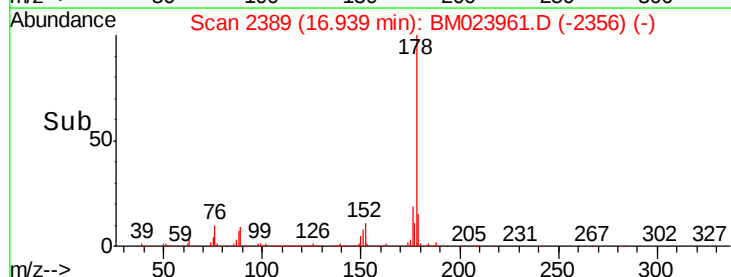
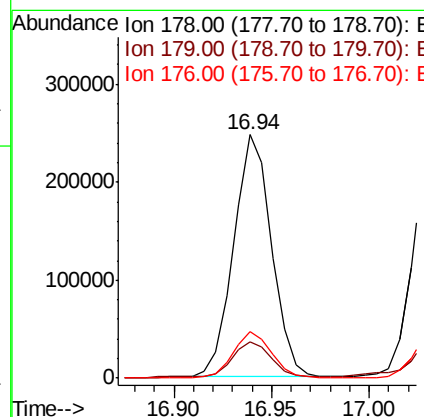
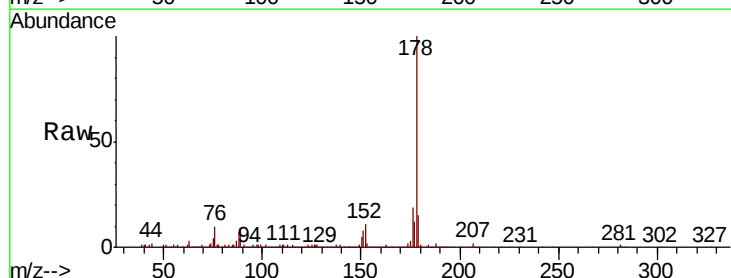
RT: 16.94 min Scan# 2389

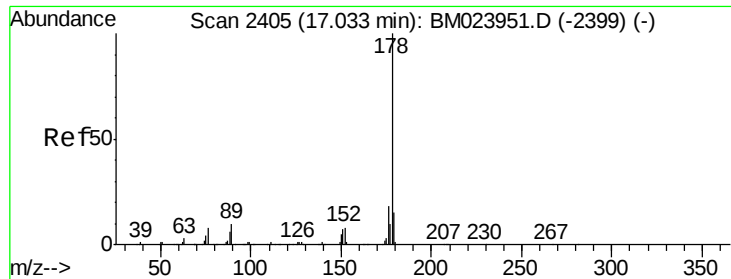
Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Tgt Ion:	178	Resp:	332061
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	19.0	15.3	22.9





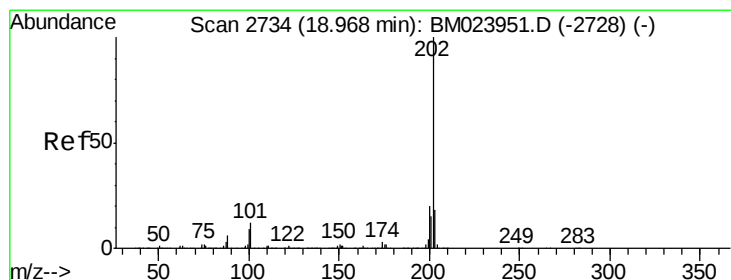
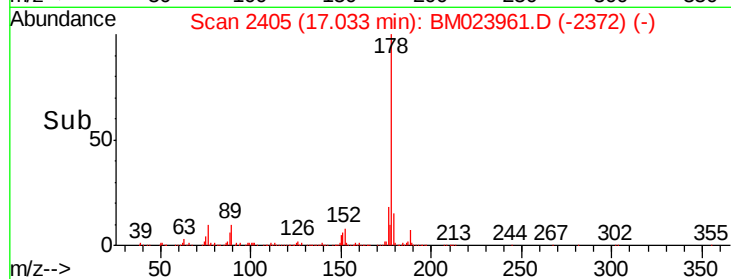
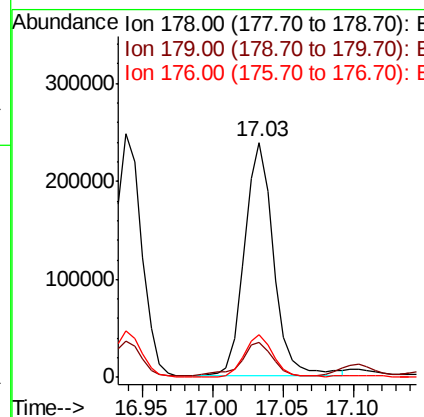
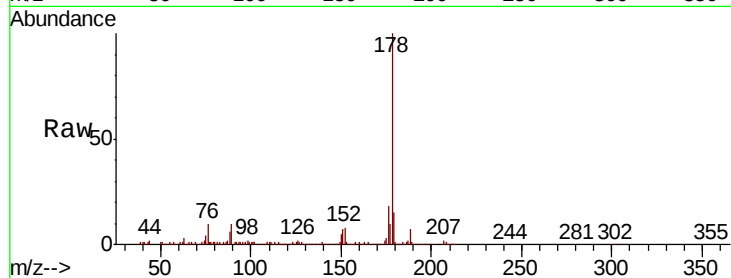
#72
 Anthracene
 Concen: 2.247 ng/ul
 RT: 17.03 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM023961.D
 Acq: 28 Nov 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.1	14.5	21.7

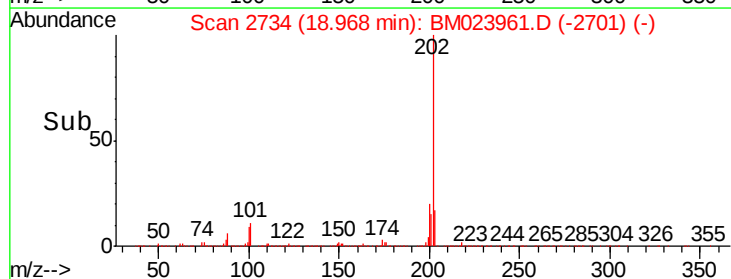
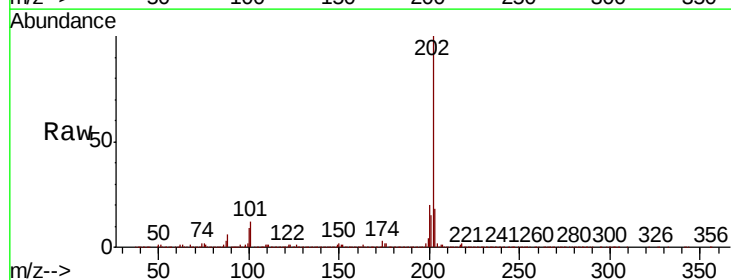
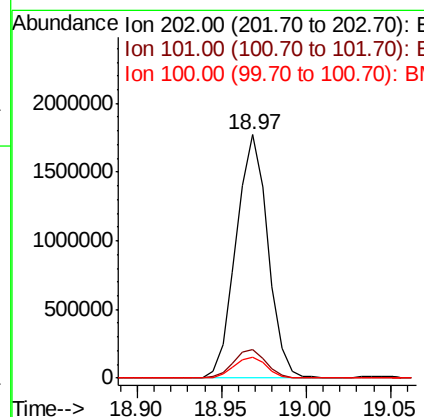
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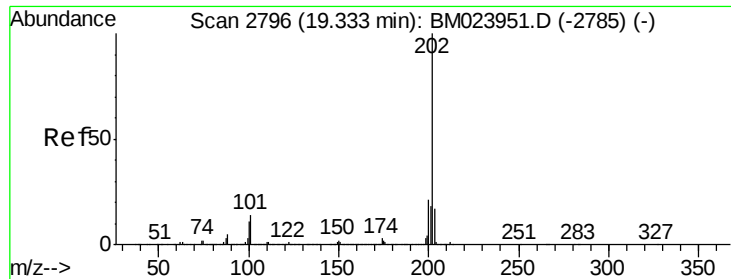
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#77
 Fluoranthene
 Concen: 14.304 ng/ul
 RT: 18.97 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BM023961.D
 Acq: 28 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
100	8.8	7.4	11.0





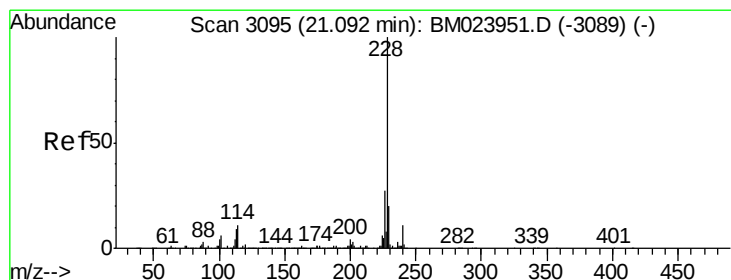
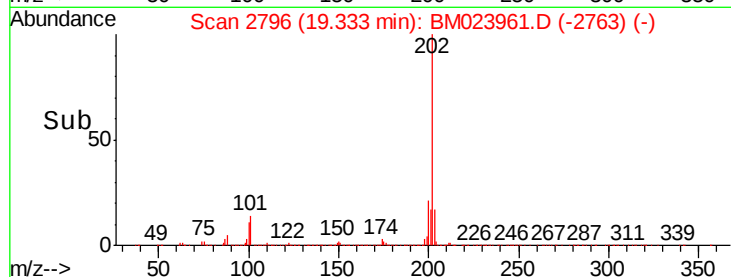
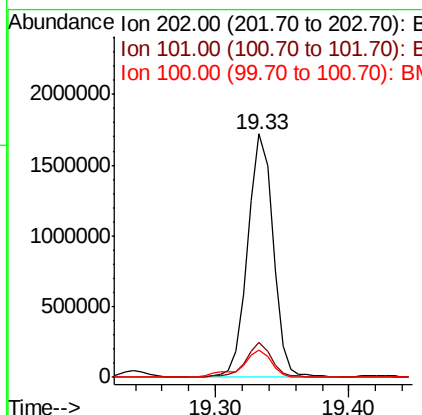
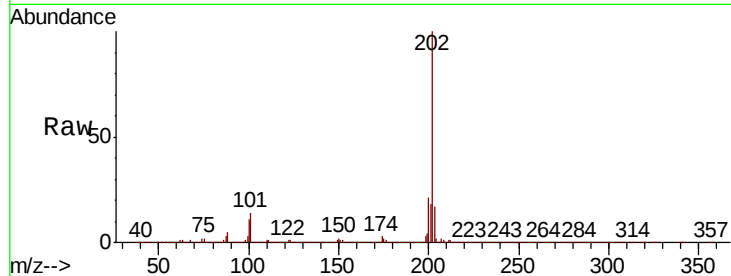
#80
Pvrene
Concen: 13.073 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Instrument :
BNA_M
ClientSampleId :
C0AA4

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.5	17.3
100	11.4	9.1	13.7

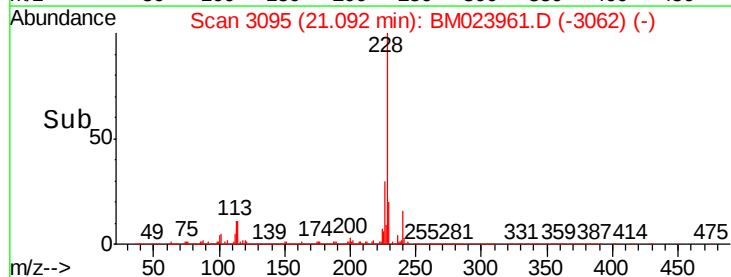
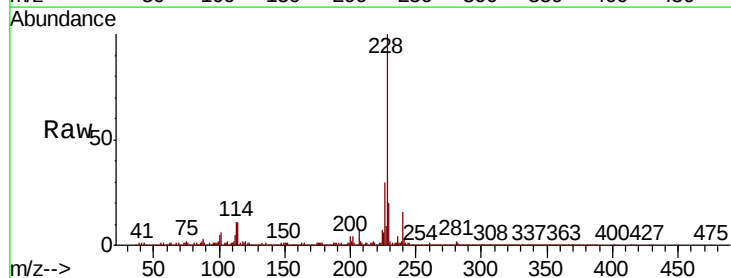
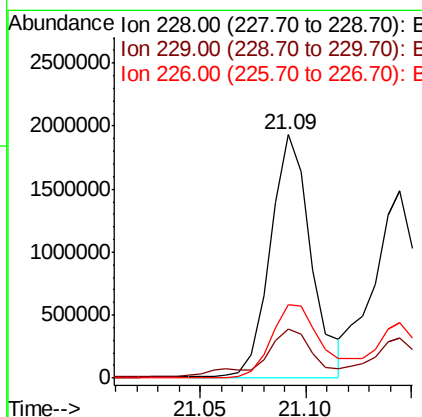
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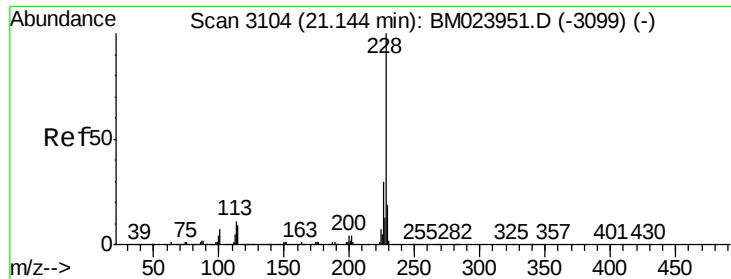
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#83
Benzo(a)anthracene
Concen: 15.203 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	30.3	21.7	32.5





#85

Chrysene

Concen: 13.139 ng/ul

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampled :

C0AA4

Tot Ion:228 Resp: 2104260

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	21.6	15.6	23.4

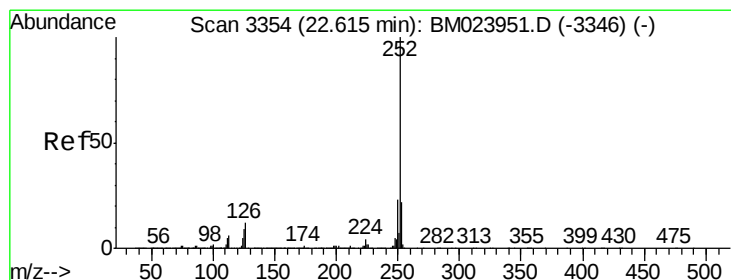
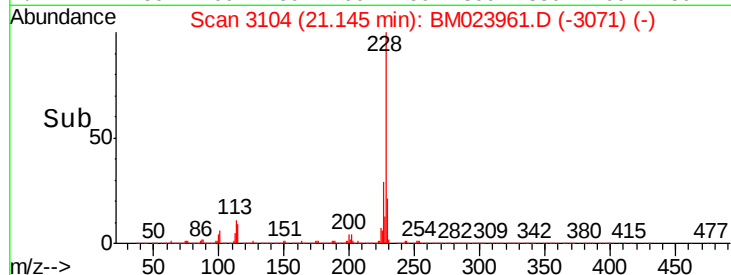
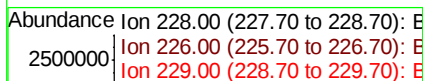
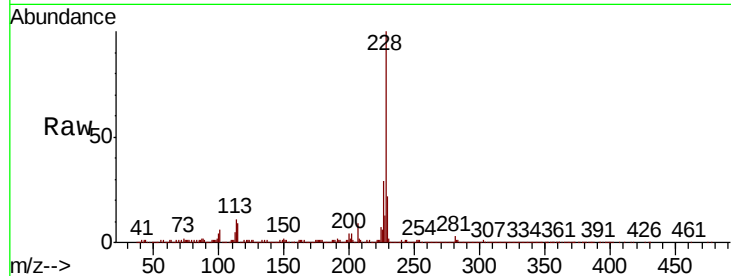
228 100

226 29.5 23.8 35.8

229 21.6 15.6 23.4

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#88

Benzo(b)fluoranthene

Concen: 18.207 ng/ul

RT: 22.62 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

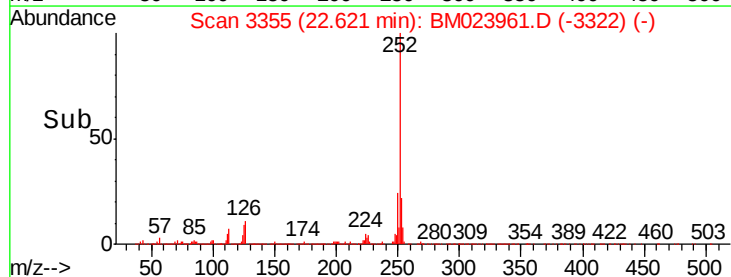
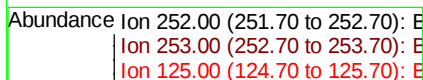
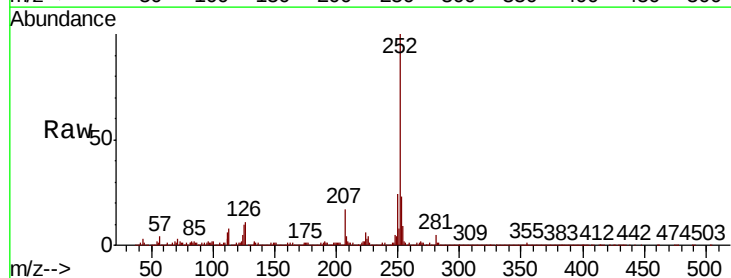
Tgt Ion:252 Resp: 3574597

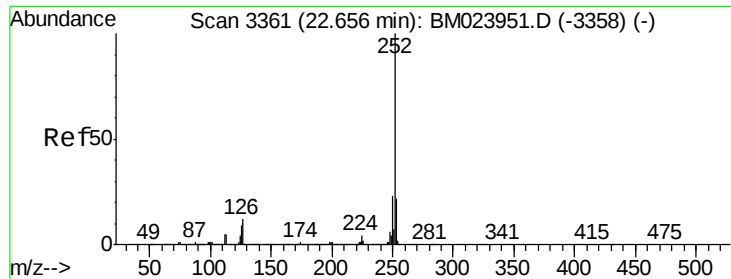
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.6	7.1	10.7

252 100

253 22.9 17.2 25.8

125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 7.038 ng/ul m

RT: 22.66 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampled :

C0AA4

Tot Ion:252 Resp: 1311648

Ion Ratio Lower Upper

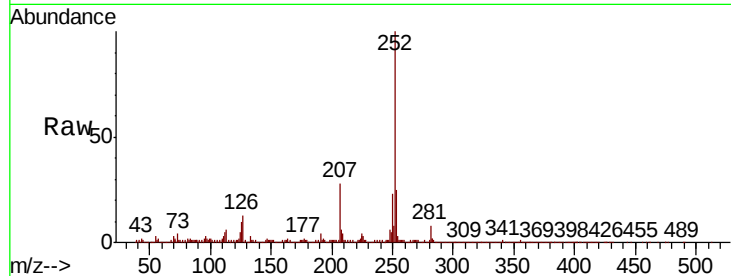
252 100

253 24.8 17.5 26.3

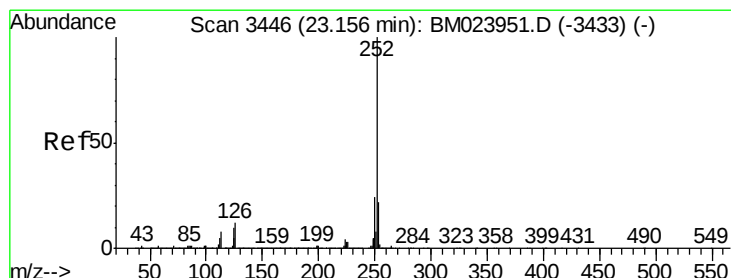
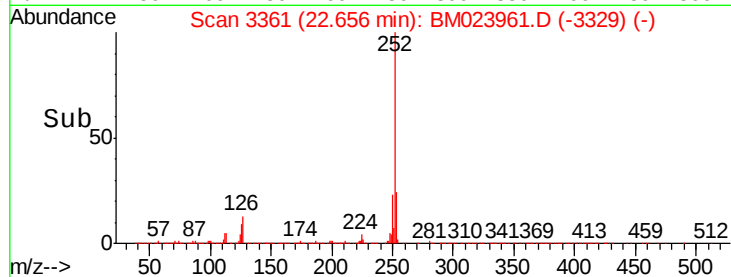
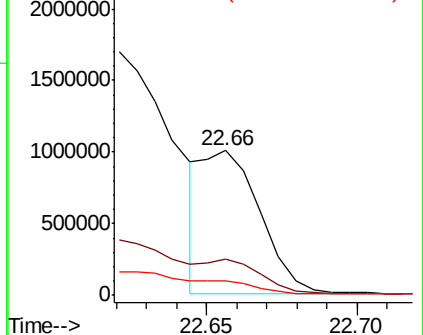
125 9.8 7.4 11.0

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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



#91

Benzo(a)pyrene

Concen: 13.754 ng/ul

RT: 23.16 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

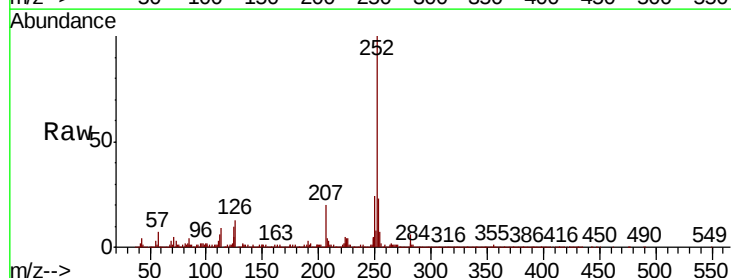
Tgt Ion:252 Resp: 2553148

Ion Ratio Lower Upper

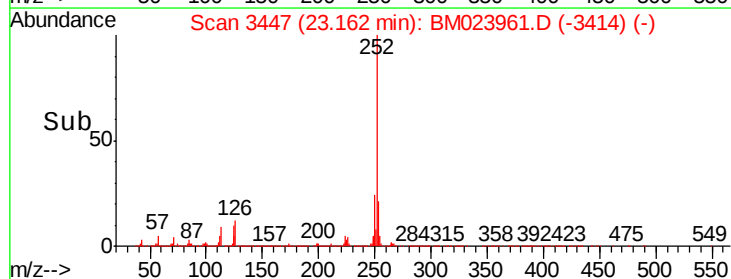
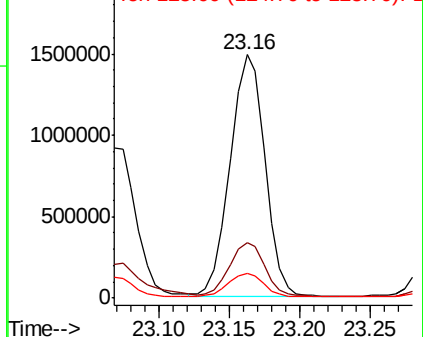
252 100

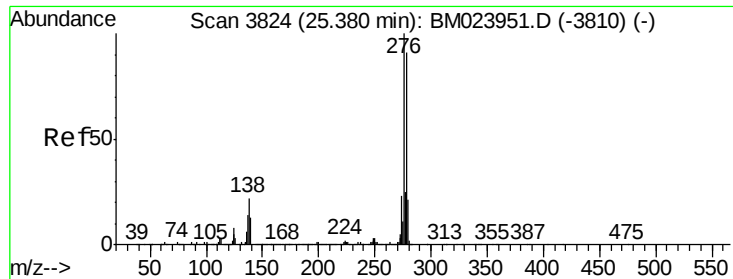
253 22.9 17.4 26.0

125 10.0 8.6 12.8



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





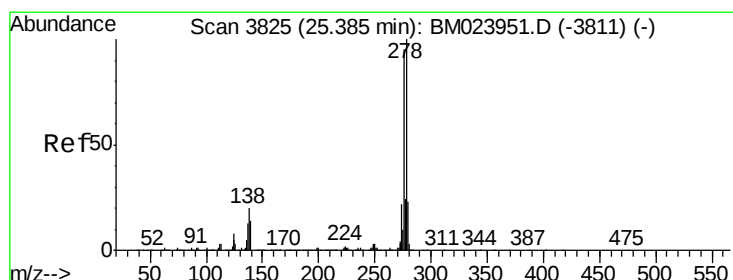
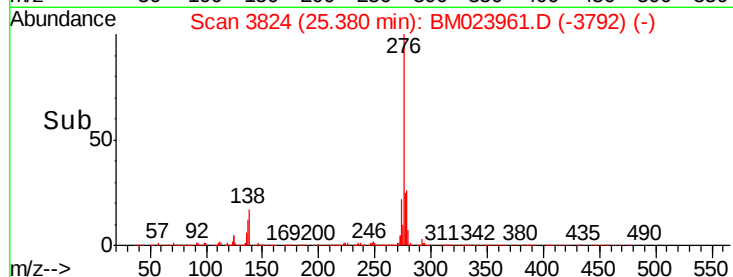
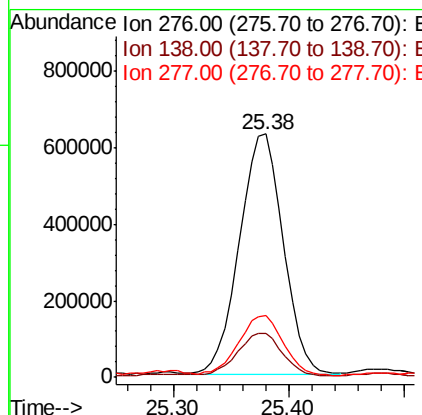
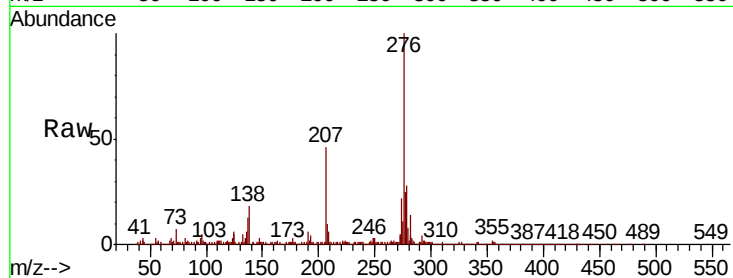
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.241 ng/ul
 RT: 25.38 min Scan# 3824
 Delta R.T. -0.01 min
 Lab File: BM023961.D
 Acq: 28 Nov 2019 20:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.2	25.8
277	25.2	20.5	30.7

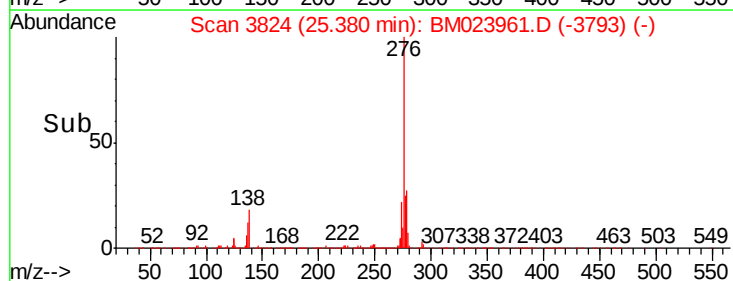
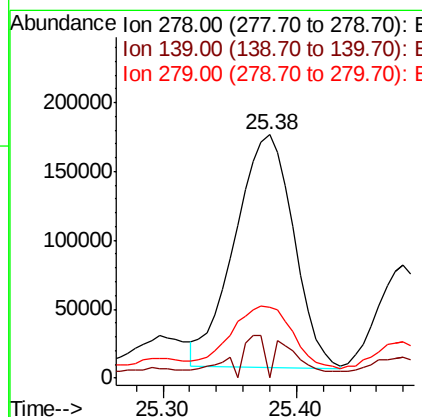
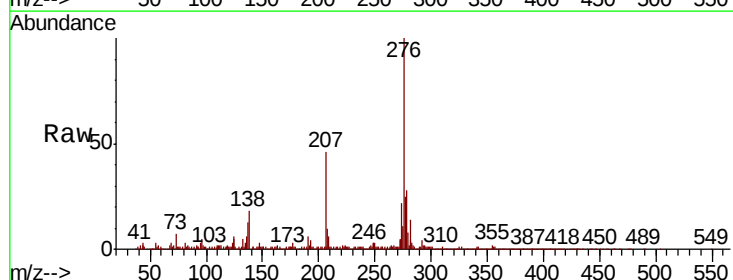
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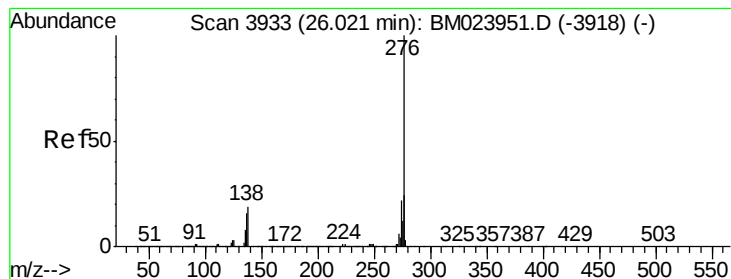
mohammad
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#93
 Dibenzo(a,h)anthracene
 Concen: 2.670 ng/ul
 RT: 25.38 min Scan# 3824
 Delta R.T. -0.02 min
 Lab File: BM023961.D
 Acq: 28 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.0	16.4#
279	29.3	18.7	28.1#





#94

Benzo(a,h,i)perylene

Concen: 7.423 ng/ul

RT: 26.03 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

Tot Ion: 276 Resp: 1433008

Ion Ratio Lower Upper

276 100

138 18.0 14.2 21.2

277 25.0 18.8 28.2

Manual Integrations

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