

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023962.D
 Acq On : 28 Nov 2019 20:49
 Operator : JU
 Sample : K5145-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-100919

Manual Integrations
 APPROVED

mohammad
 11/29/2019 7:19:52 PM

Quant Time: Nov 28 22:58:47 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	505632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	2016062	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1181094	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2377017	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2326881	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2938959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	52270	4.60	ng/uL	0.00
5) Phenol-d5	6.68	99	1060932	23.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	632789	24.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	881216	25.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	823058	23.54	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	421802	26.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	484894	27.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	851380	25.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	754902	20.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	2402331	26.18	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	3063224	28.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	326281	21.15	ng/ul	0.00
58) Fluorene-d10	15.15	176	2151962	27.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	195737	13.12	ng/ul	0.00
71) Anthracene-d10	17.00	188	3113602	27.43	ng/ul	0.00
79) Pyrene-d10	19.31	212	3291487	27.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	4296014	27.65	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.64	77	144179	6.178	ng/ul#	29
6) Phenol	6.70	94	146882	3.222	ng/ul	99
14) Acetophenone	8.31	105	323213	6.047	ng/ul	96
16) 4-Methylphenol	8.26	108	43442	1.174	ng/ul	85
28) Naphthalene	10.30	128	292979	2.757	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	199930	2.591	ng/ul	99
45) Dimethylphthalate	13.62	163	678585	7.554	ng/ul	99
70) Phenanthrene	16.95	178	877388	6.534	ng/ul	100
72) Anthracene	17.03	178	277018	2.032	ng/ul	98
76) Di-n-butylphthalate	17.89	149	2680691	18.262	ng/ul	100
77) Fluoranthene	18.97	202	1737030	12.062	ng/ul	99
80) Pyrene	19.33	202	1675117	10.685	ng/ul	99
83) Benzo(a)anthracene	21.09	228	955760	6.145	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	19164768m	193.591	ng/ul	
85) Chrysene	21.14	228	883764	6.051	ng/ul	97
88) Benzo(b)fluoranthene	22.63	252	1370087	7.538	ng/ul#	89
89) Benzo(k)fluoranthene	22.66	252	438664m	2.542	ng/ul	
91) Benzo(a)pyrene	23.17	252	888998	5.173	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.38	276	594740	2.787	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	559444	3.130	ng/ul	95

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

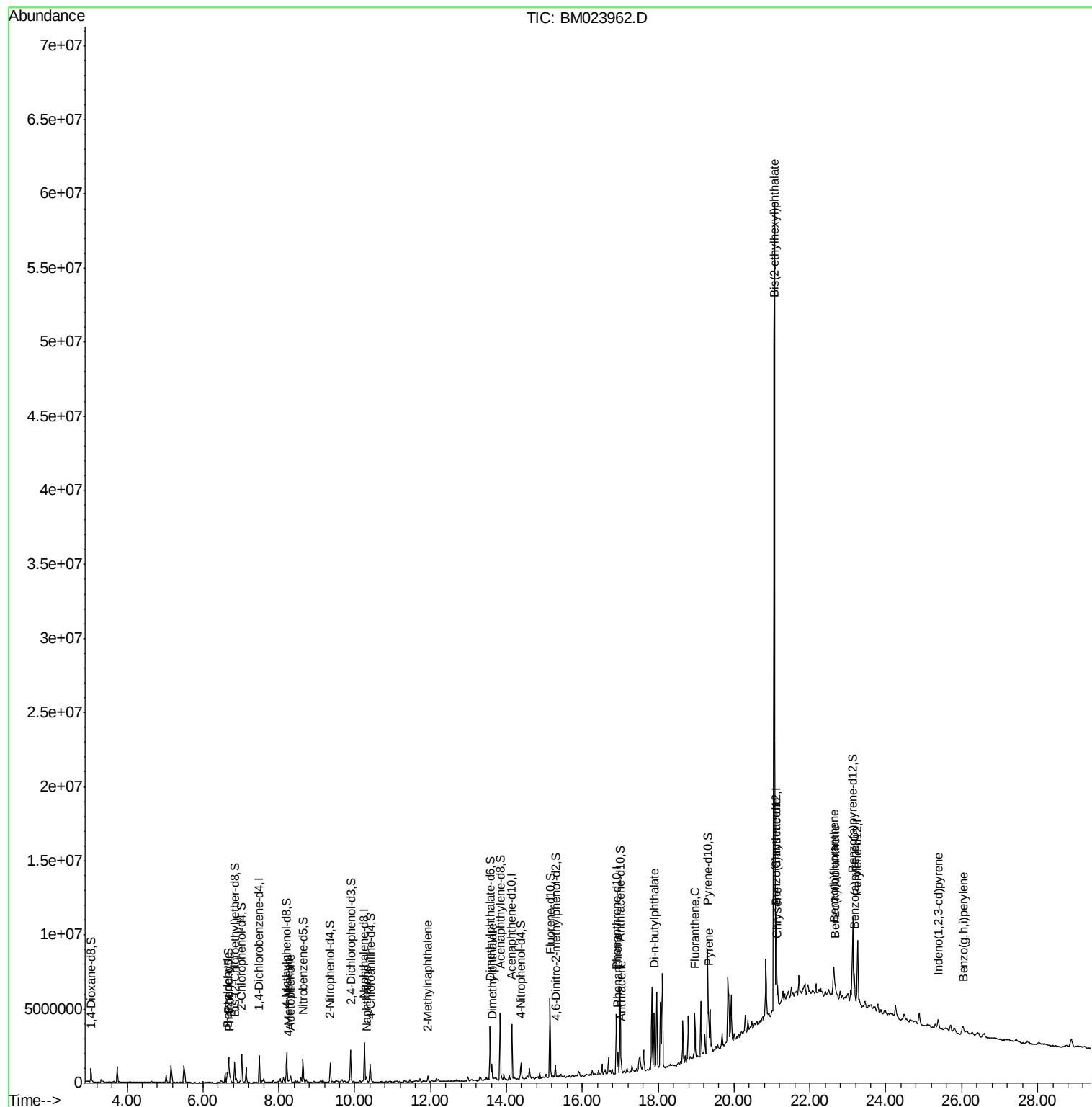
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

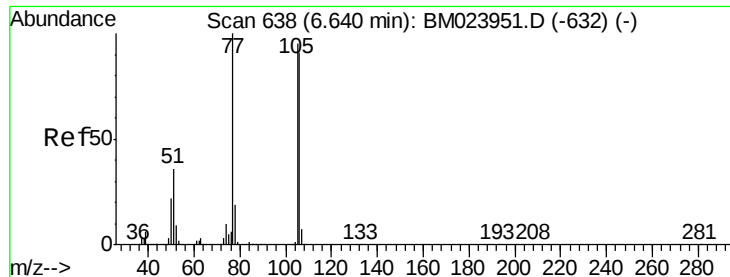
Instrument :
BNA_M
ClientSampleId :
HD-01-100919

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Quant Time: Nov 28 22:58:47 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: 6.178 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Instrument :

BNA_M

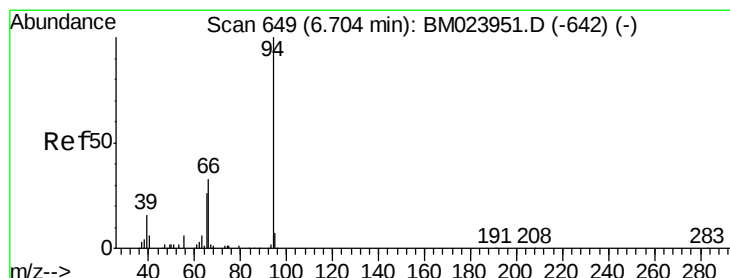
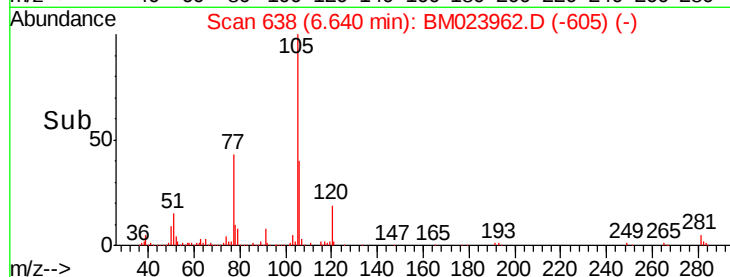
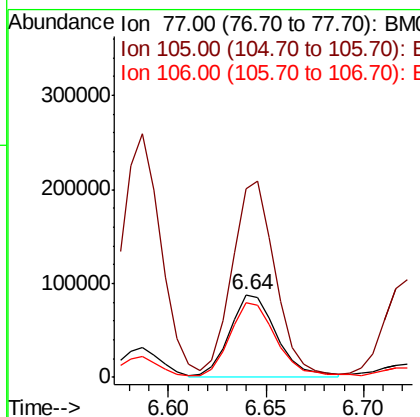
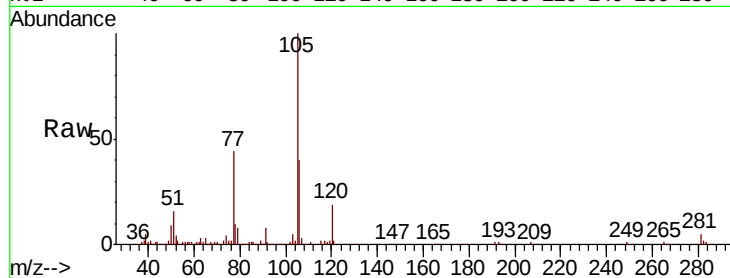
ClientSampleId :

HD-01-100919

Tot Ion	Ratio	Lower	Upper
77	100		
105	228.7	75.4	113.0#
106	90.7	72.6	109.0

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#6

Phenol

Concen: 3.222 ng/ul

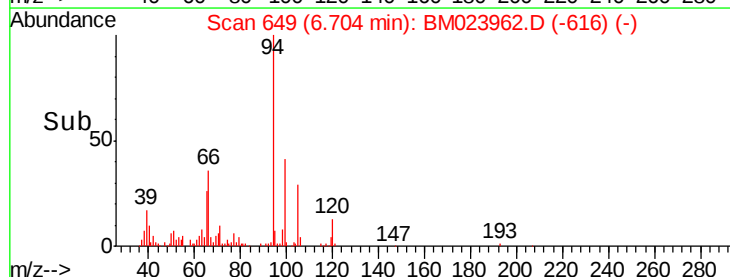
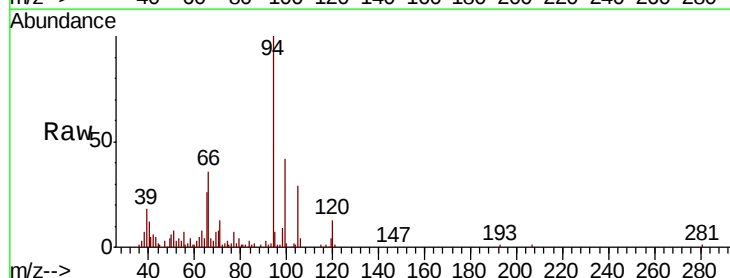
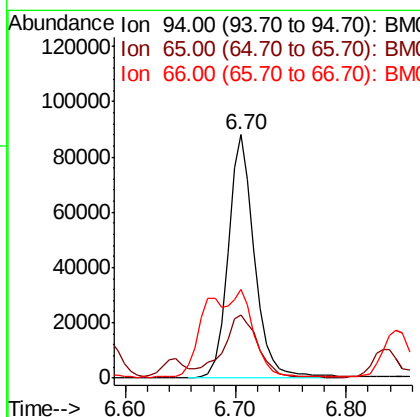
RT: 6.70 min Scan# 649

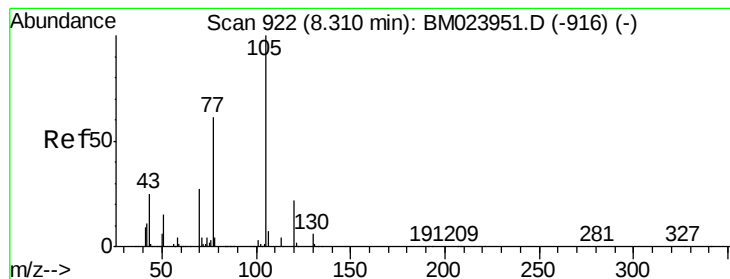
Delta R.T. -0.01 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	20.8	31.2
66	36.4	28.6	43.0





#14

Acetophenone

Concen: 6.047 ng/ul

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Instrument :

BNA_M

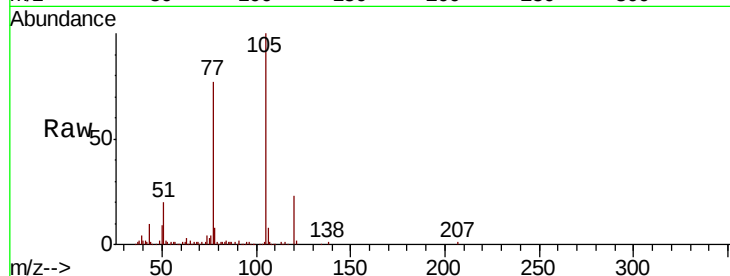
ClientSampleId :

HD-01-100919

Tot Ion:	105	Resp:	323213
Ion Ratio	Lower	Upper	
105	100		
77	76.6	64.2	96.2
51	20.2	16.7	25.1

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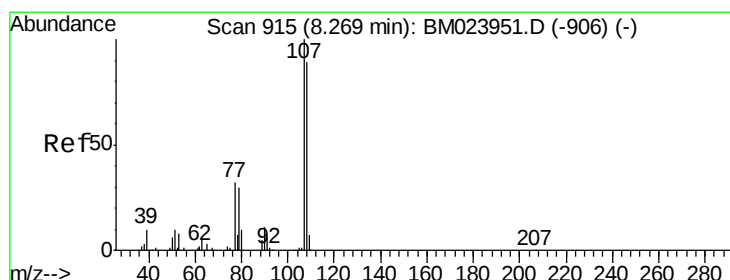
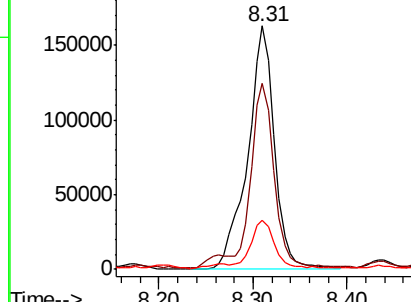
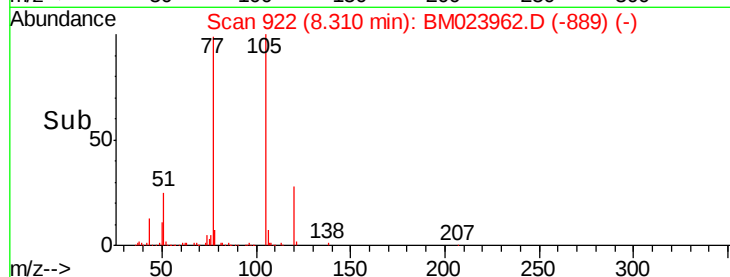
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Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 1.174 ng/ul

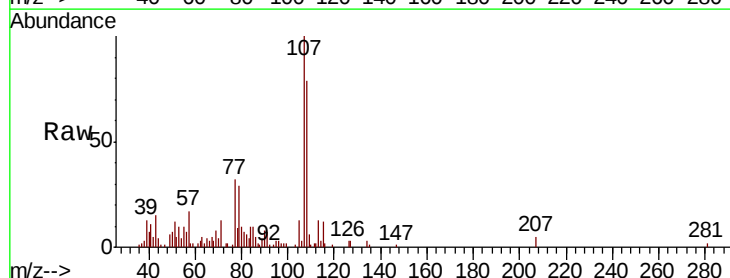
RT: 8.26 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM023962.D

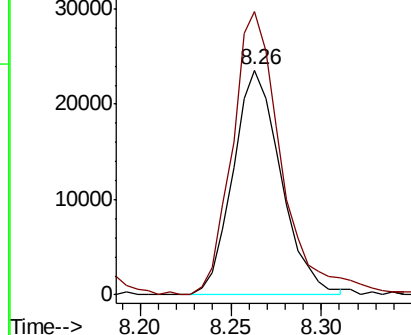
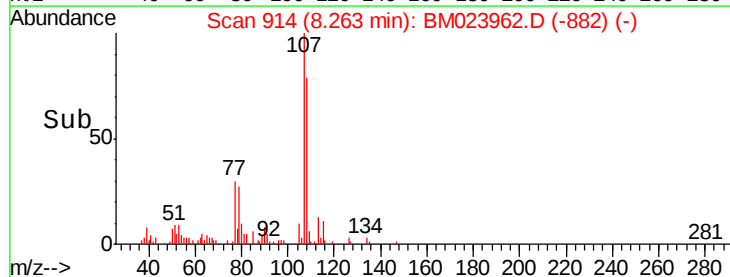
Acq: 28 Nov 2019 20:49

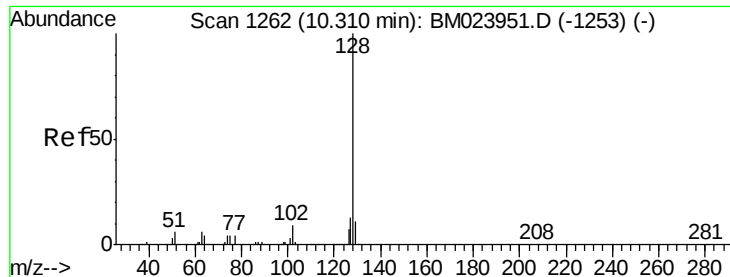
Tgt Ion:	108	Resp:	43442
Ion Ratio	Lower	Upper	
108	100		
107	125.8	87.9	131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





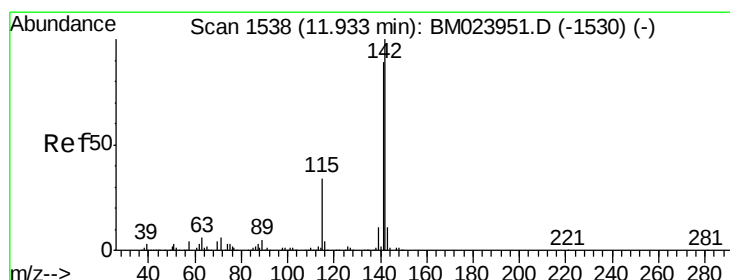
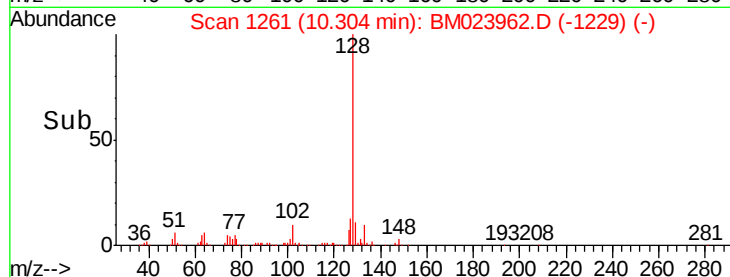
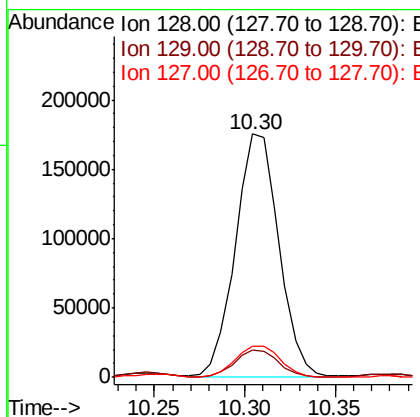
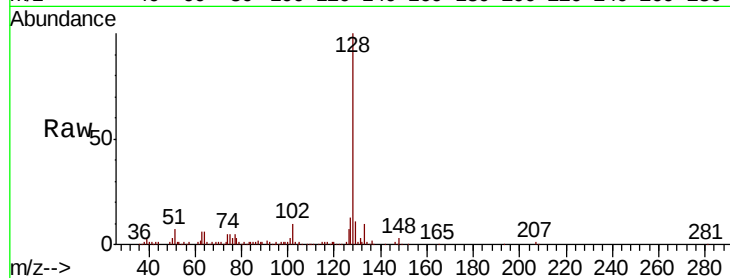
#28
Naphthalene
Concen: 2.757 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tot Ion	Ratio	Resp	Lower	Upper
128	100	292979		
129	11.3		8.5	12.7
127	13.0		10.2	15.2

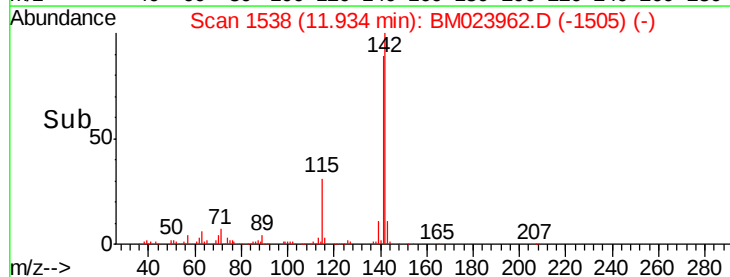
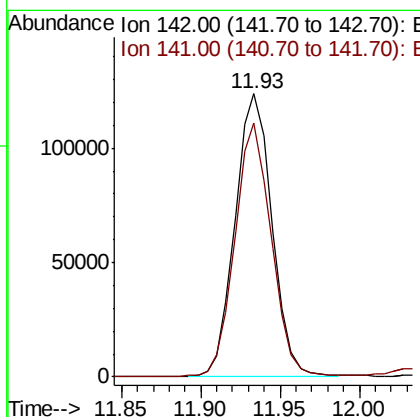
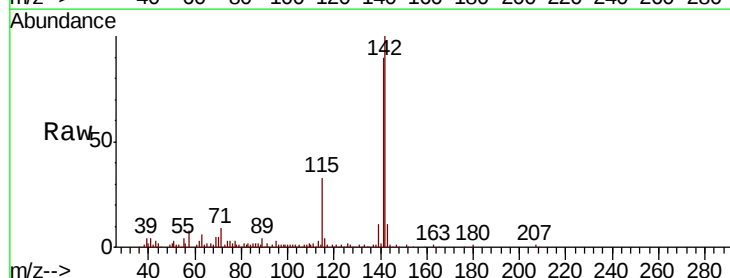
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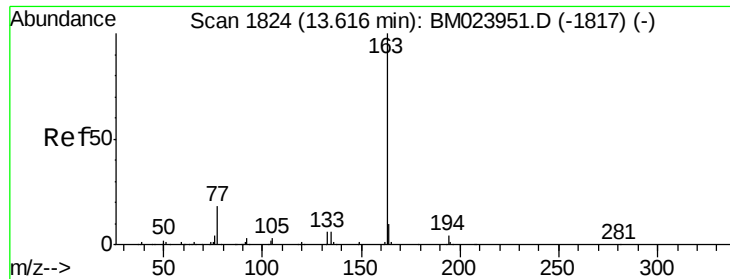
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#34
2-Methylnaphthalene
Concen: 2.591 ng/ul
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	199930		
141	89.7		71.4	107.0





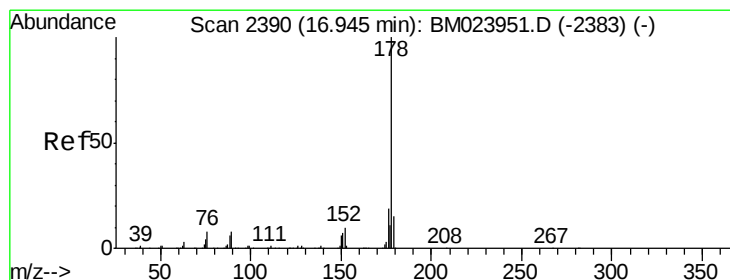
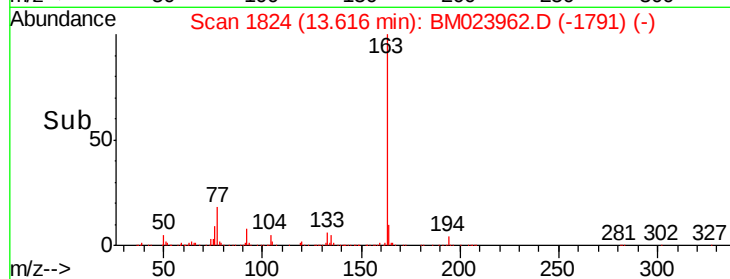
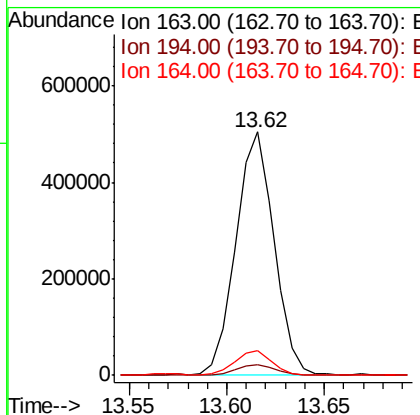
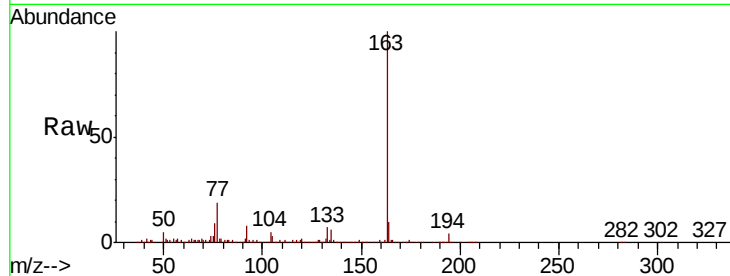
#45
Dimethylphthalate
Concen: 7.554 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tot Ion	Ratio	Resp	Lower	Upper
163	100	678585		
194	4.5	3.2	4.8	
164	10.2	8.0	12.0	

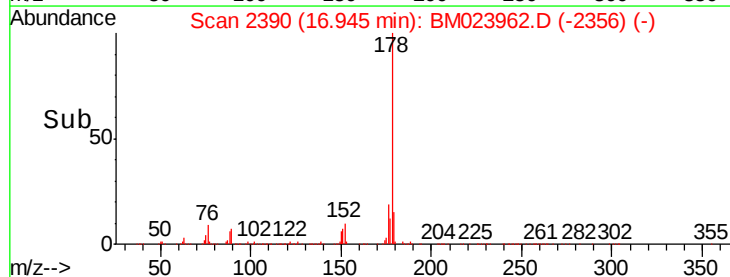
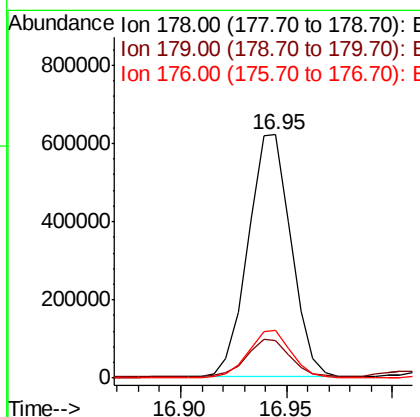
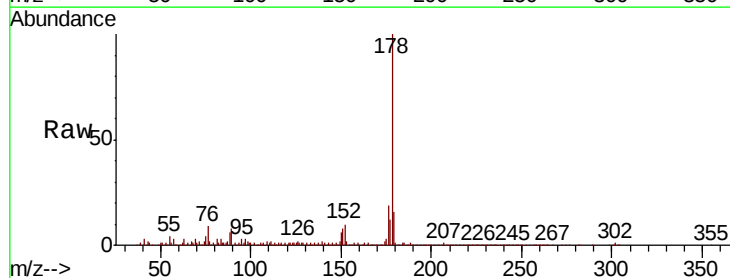
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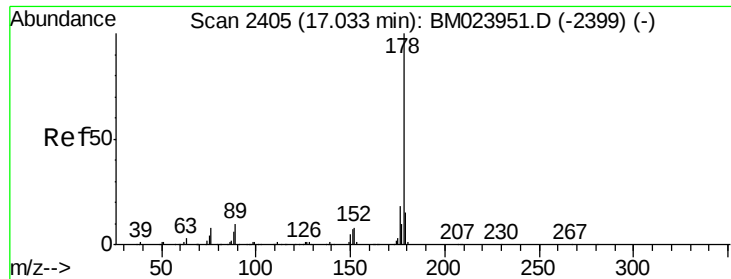
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#70
Phenanthrene
Concen: 6.534 ng/ul
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	877388		
179	15.5	12.4	18.6	
176	19.5	15.3	22.9	





#72

Anthracene

Concen: 2.032 ng/ul

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Instrument :

BNA_M

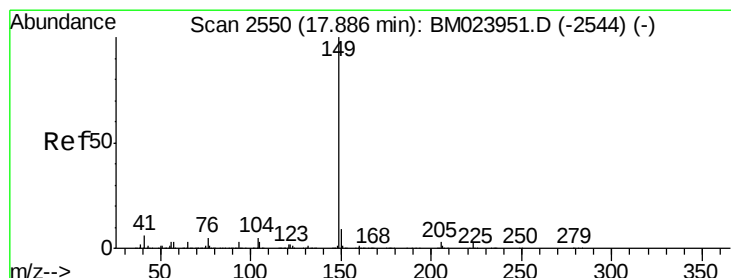
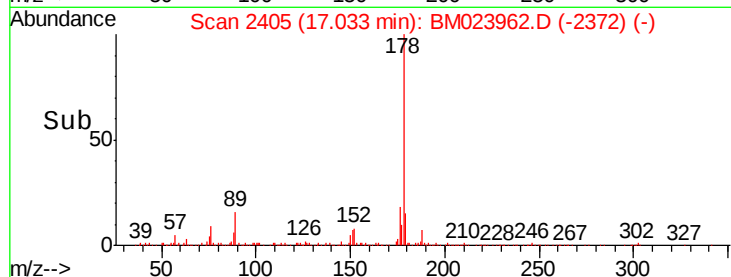
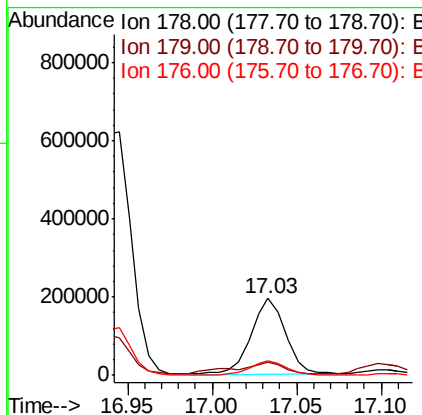
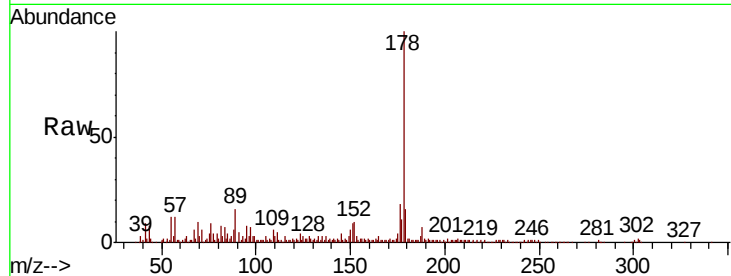
ClientSampleId :

HD-01-100919

Tot Ion:	178	Resp:	277018
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.2	18.2
176	18.4	14.5	21.7

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#76

Di-n-butylphthalate

Concen: 18.262 ng/ul

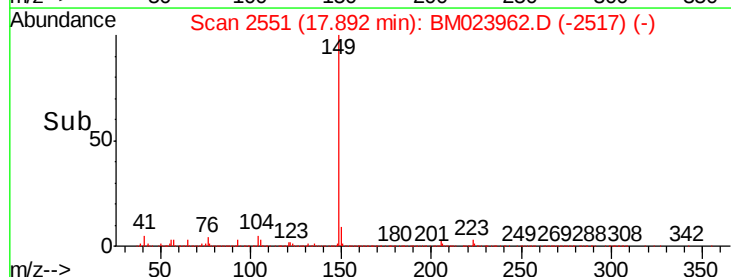
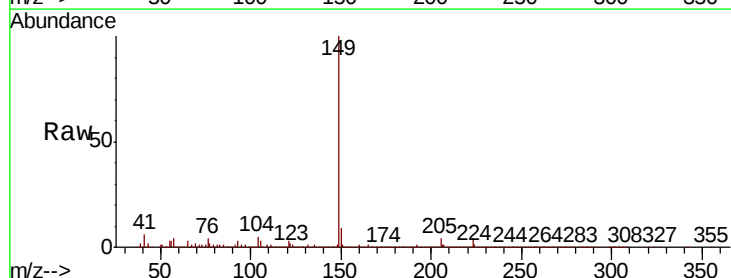
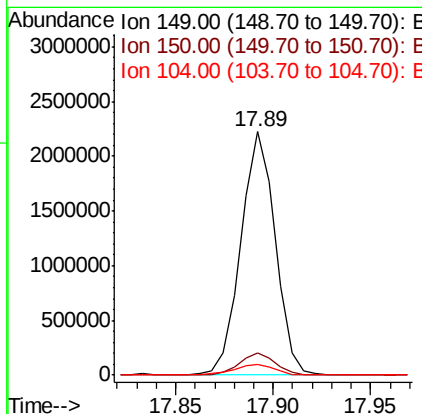
RT: 17.89 min Scan# 2551

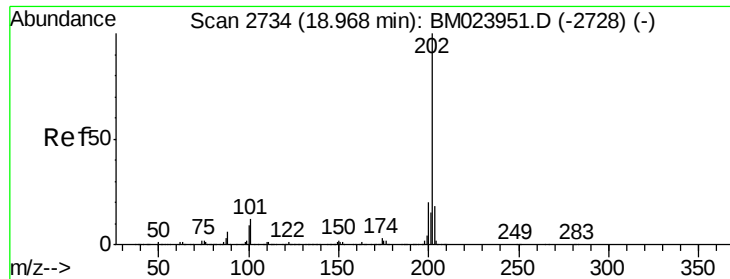
Delta R.T. 0.00 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Tgt Ion:	149	Resp:	2680691
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	4.6	3.9	5.9





#77

Fluoranthene

Concen: 12.062 ng/ul

RT: 18.97 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Instrument :

BNA_M

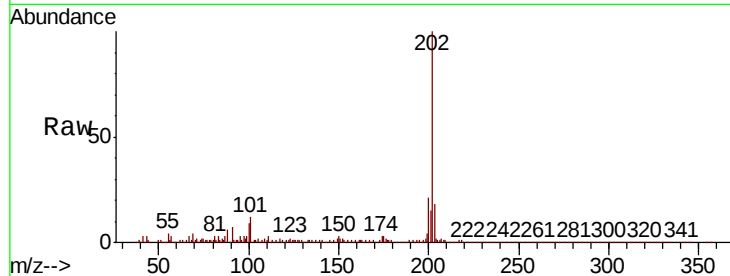
ClientSampleId :

HD-01-100919

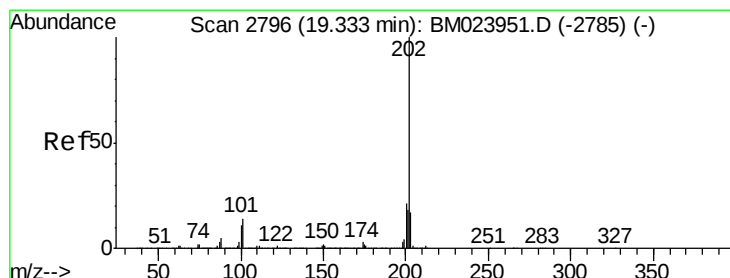
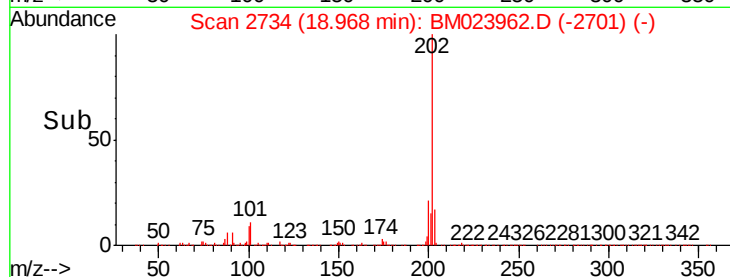
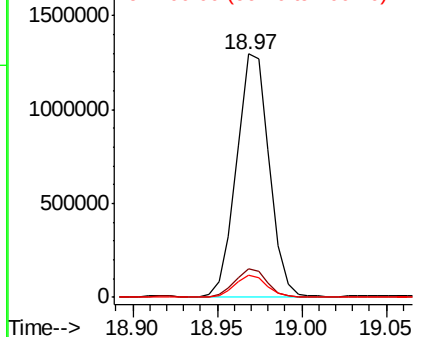
Tot Ion:	202	Resp:	1737030
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.1	7.4	11.0

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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



#80

Pyrene

Concen: 10.685 ng/ul

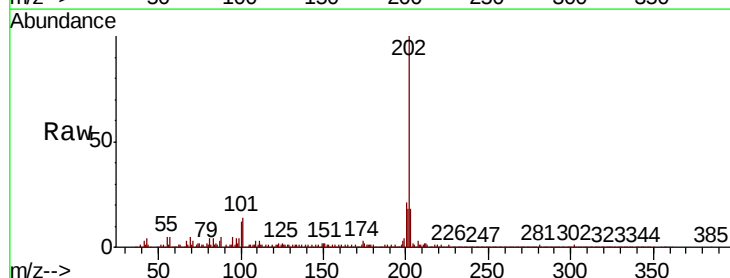
RT: 19.33 min Scan# 2796

Delta R.T. -0.01 min

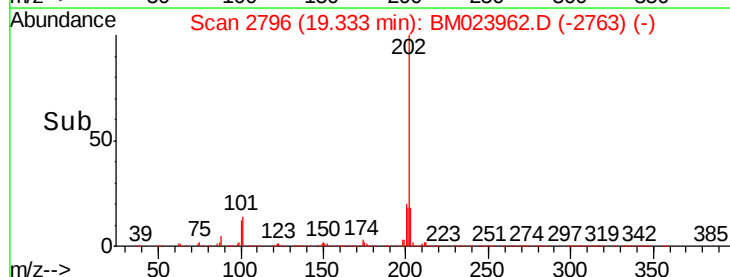
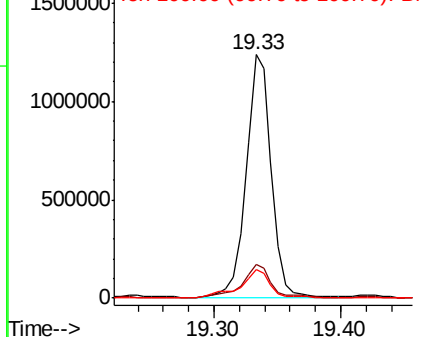
Lab File: BM023962.D

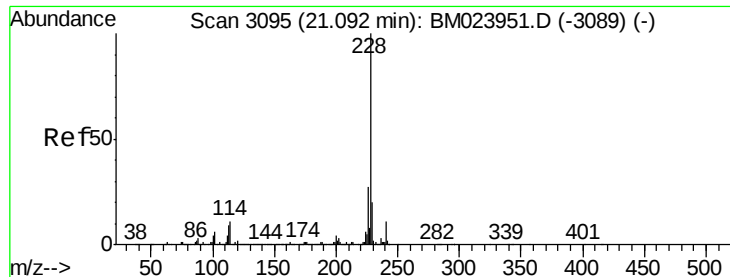
Acq: 28 Nov 2019 20:49

Tgt Ion:	202	Resp:	1675117
Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.5	17.3
100	11.7	9.1	13.7



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





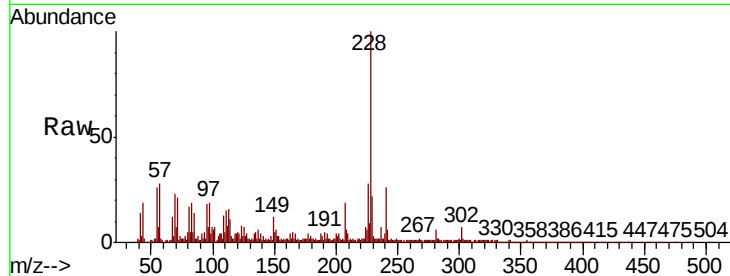
#83
Benzo(a)anthracene
Concen: 6.145 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.5	23.3
226	28.0	21.7	32.5

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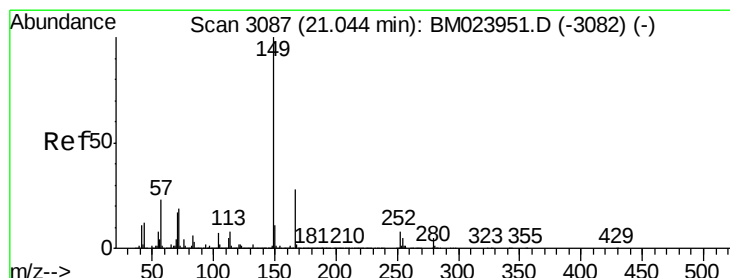
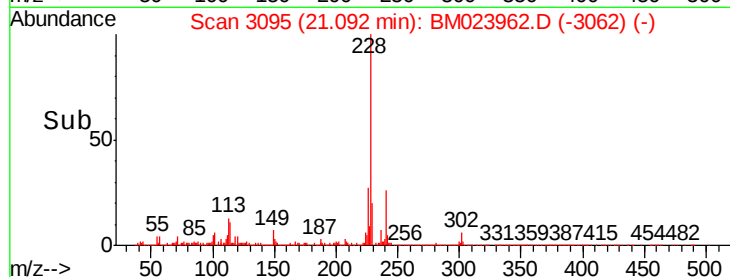
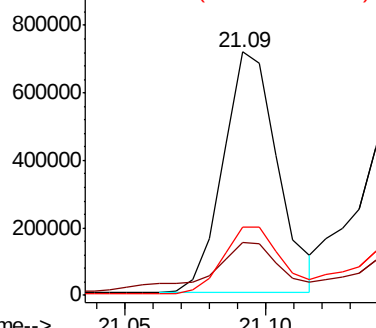


Abundance

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 193.591 ng/ul m
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

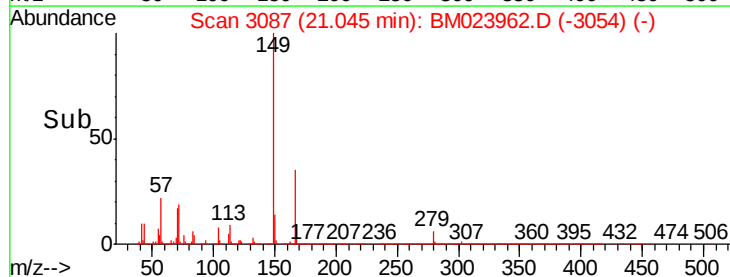
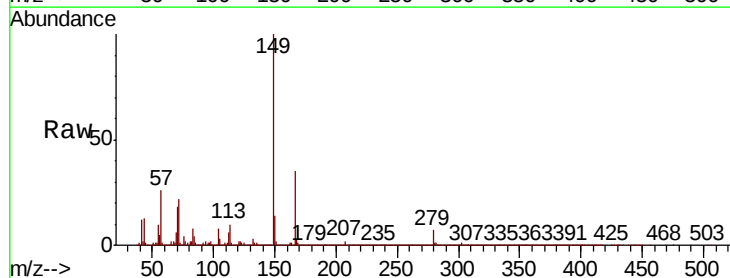
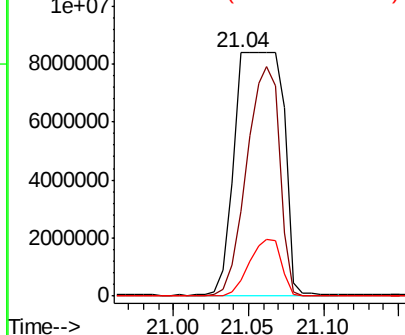
Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.1	21.9	32.9#
279	6.5	3.9	5.9#

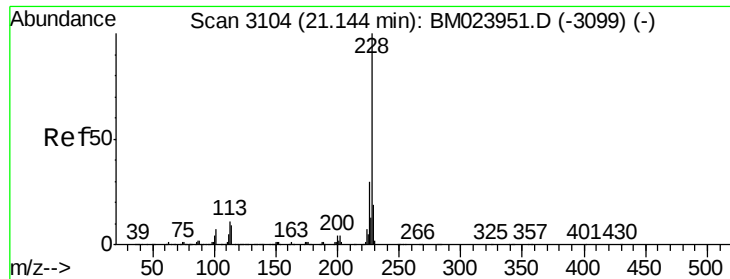
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





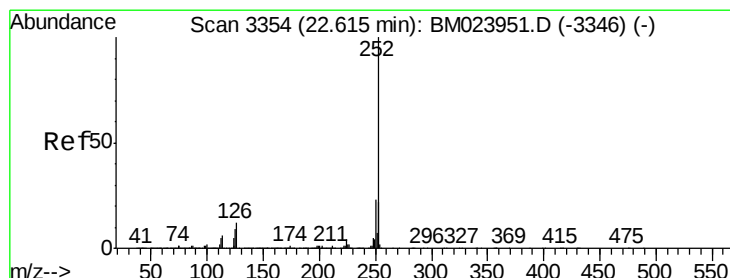
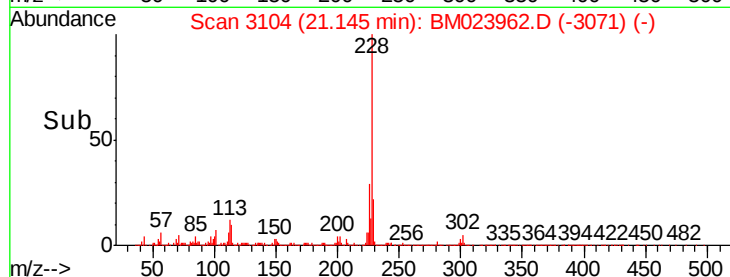
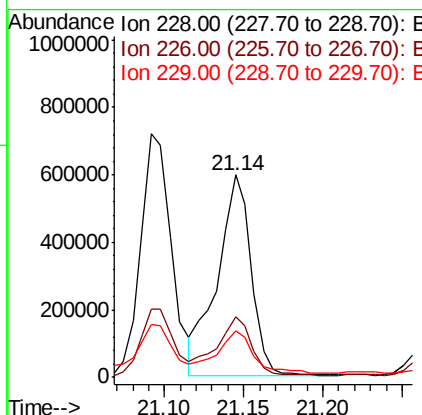
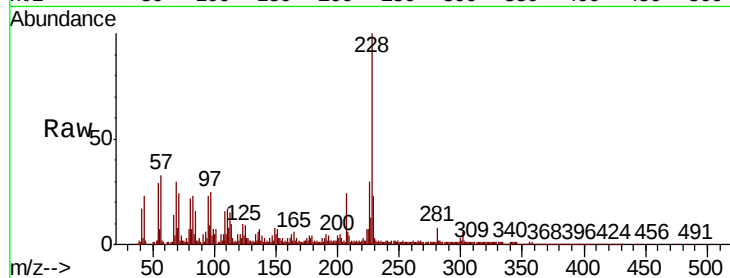
#85
Chrysene
Concen: 6.051 ng/ul
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Instrument :
BNA_M
ClientSampleId :
HD-01-100919

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	23.0	15.6	23.4

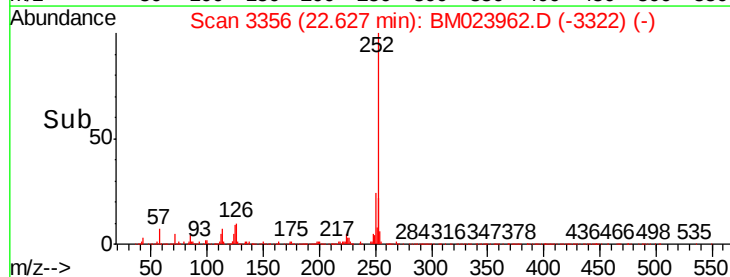
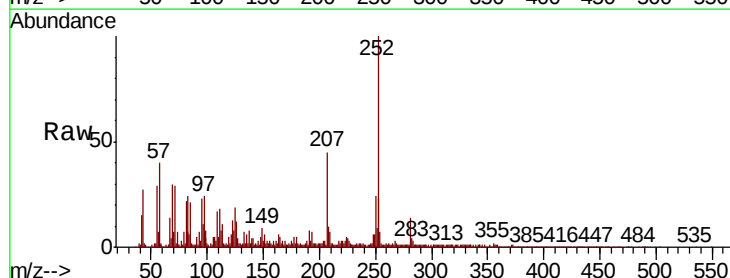
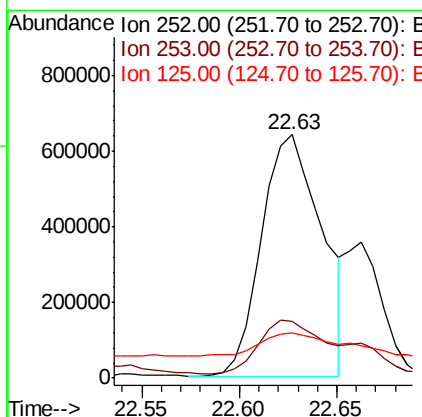
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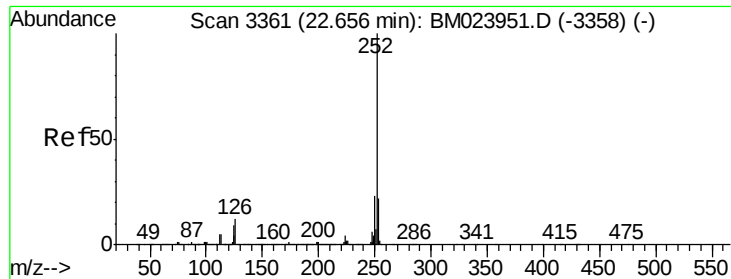
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#88
Benzo(b)fluoranthene
Concen: 7.538 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM023962.D
Acq: 28 Nov 2019 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	18.6	7.1	10.7#





#89

Benzo(k)fluoranthene

Concen: 2.542 ng/ul

RT: 22.66 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Instrument :

BNA_M

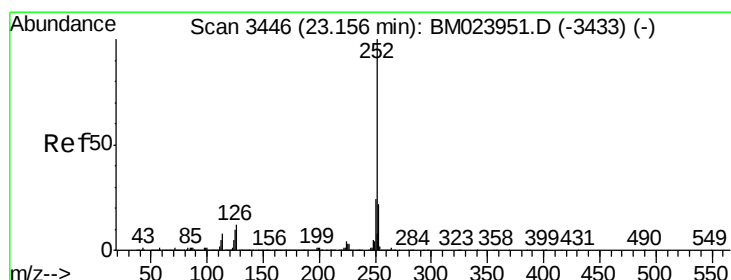
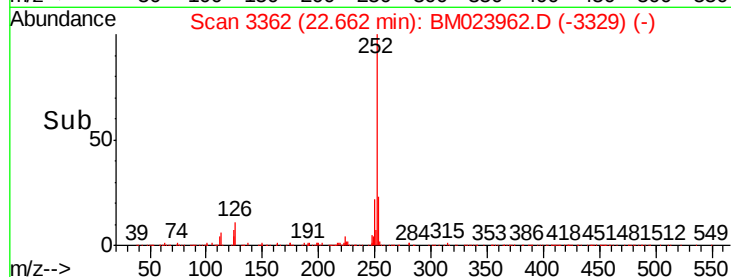
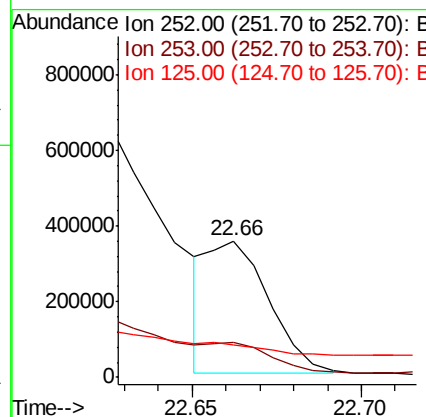
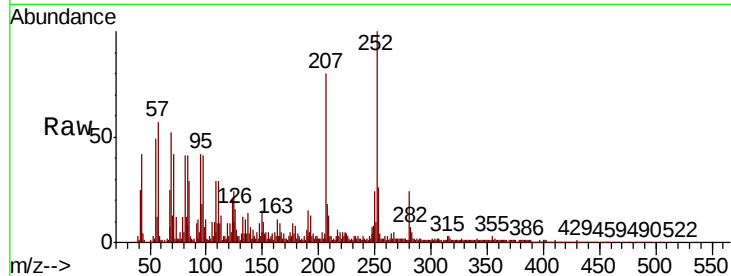
ClientSampleId :

HD-01-100919

Tot Ion:	252	Resp:	438664
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.5	26.3
125	24.2	7.4	11.0#

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#91

Benzo(a)pyrene

Concen: 5.173 ng/ul

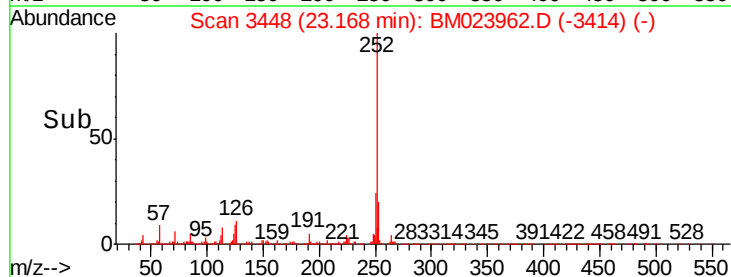
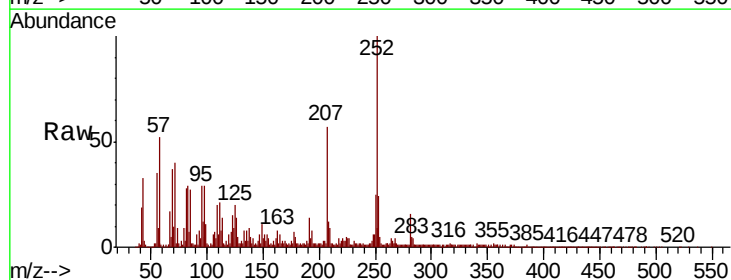
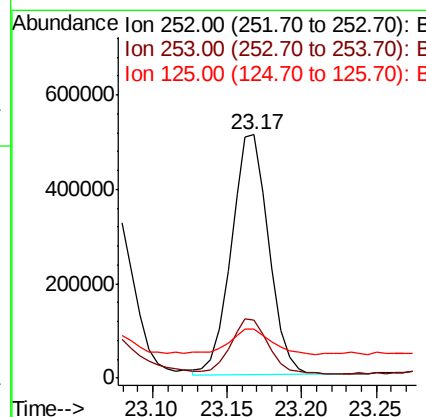
RT: 23.17 min Scan# 3448

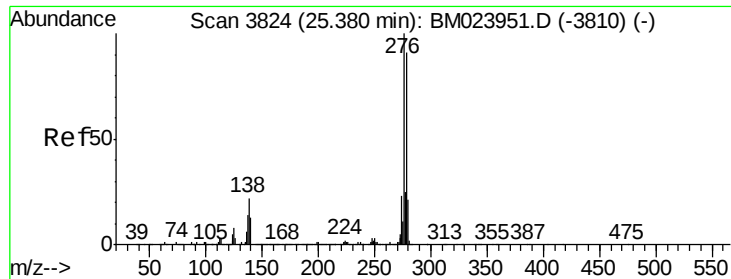
Delta R.T. 0.00 min

Lab File: BM023962.D

Acq: 28 Nov 2019 20:49

Tgt Ion:	252	Resp:	888998
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.4	26.0
125	20.2	8.6	12.8#





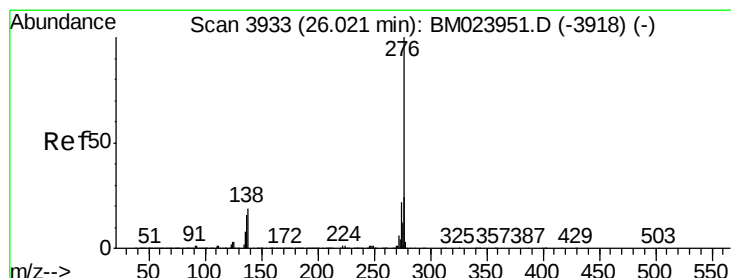
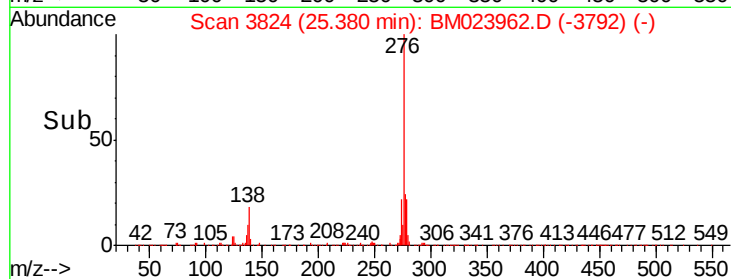
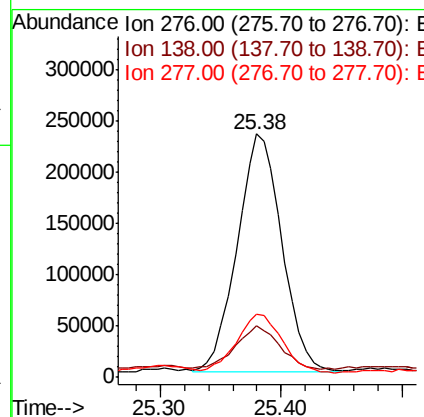
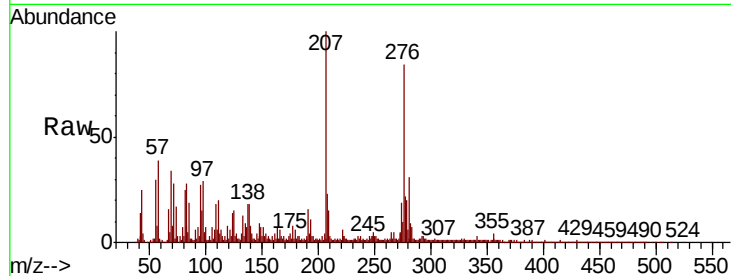
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.787 ng/ul
 RT: 25.38 min Scan# 3824
 Delta R.T. -0.01 min
 Lab File: BM023962.D
 Acq: 28 Nov 2019 20:49

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-100919

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.2	25.8
277	26.0	20.5	30.7

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#94
 Benzo(g,h,i)perylene
 Concen: 3.130 ng/ul
 RT: 26.03 min Scan# 3935
 Delta R.T. -0.01 min
 Lab File: BM023962.D
 Acq: 28 Nov 2019 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	14.2	21.2
277	25.0	18.8	28.2

