

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
 Data File : BM026967.D
 Acq On : 31 Jul 2020 20:31
 Operator : JU/CG
 Sample : L3424-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S86

Manual Integrations
 APPROVED

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 8/3/2020 12:23:57 PM

Quant Time: Aug 01 01:18:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:45:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	128259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	514176	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	316081	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	646365	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	679279	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	651821	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1907	0.68	ng/uL	0.00
5) Phenol-d5	6.84	99	52844	4.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	34260	4.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	39238	4.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	41244	4.77	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	19631	4.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	20166	5.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	41020	4.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	26072	2.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	120423	4.86	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	156121	4.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	14304	3.41	ng/ul	0.00
58) Fluorene-d10	15.28	176	103337	4.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	11216	3.89	ng/ul	0.00
71) Anthracene-d10	17.13	188	157912	4.89	ng/ul	0.00
79) Pyrene-d10	19.43	212	165096	4.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	166757	4.53	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.48	128	128513	4.474	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	68656	3.381	ng/ul	99
45) Dimethylphthalate	13.75	163	39976	1.537	ng/ul	97
48) Acenaphthylene	14.01	152	834143	26.030	ng/ul	99
50) Acenaphthene	14.35	153	43363	1.964	ng/ul	99
54) Dibenzofuran	14.69	168	200380	6.548	ng/ul	99
59) Fluorene	15.34	166	43642	1.693	ng/ul#	98
70) Phenanthrene	17.08	178	662041	16.874	ng/ul	99
72) Anthracene	17.17	178	1084305	26.887	ng/ul	99
75) Carbazole	17.43	167	247789	6.951	ng/ul	99
77) Fluoranthene	19.11	202	6142485	132.592	ng/ul	99
80) Pyrene	19.47	202	7037608	142.401	ng/ul	97
83) Benzo(a)anthracene	21.22	228	3861300m	82.471	ng/ul	
85) Chrysene	21.27	228	4842737	106.065	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	9012418	193.280	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	2732884	61.078	ng/ul	96
91) Benzo(a)pyrene	23.36	252	2728766	64.854	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	3106731m	59.519	ng/ul	
93) Dibenzo(a,h)anthracene	25.68	278	799392	18.108	ng/ul#	85
94) Benzo(g,h,i)perylene	26.34	276	850509	19.705	ng/ul	99

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

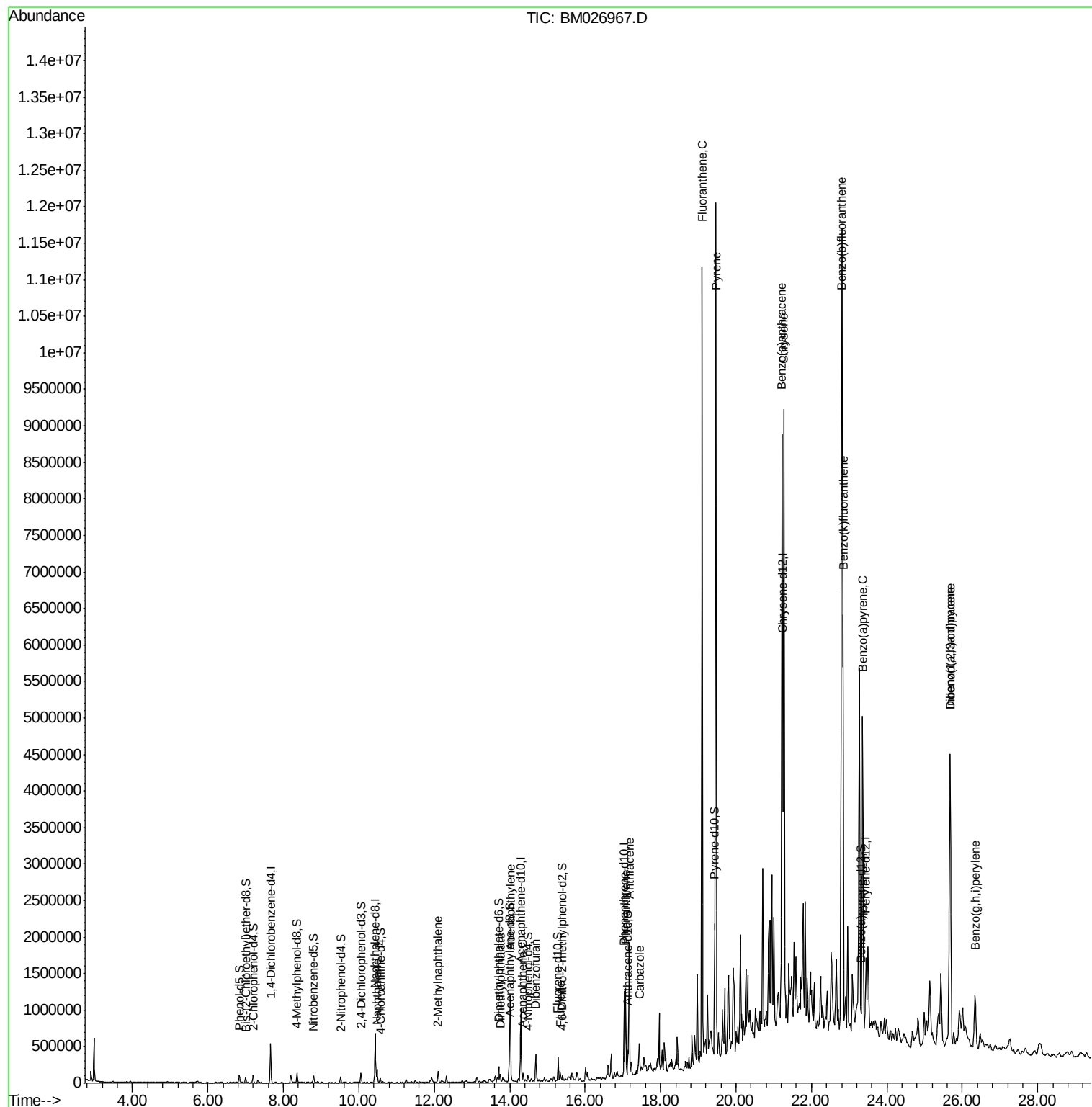
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026967.D
Acq On : 31 Jul 2020 20:31
Operator : JU/CG
Sample : L3424-11 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

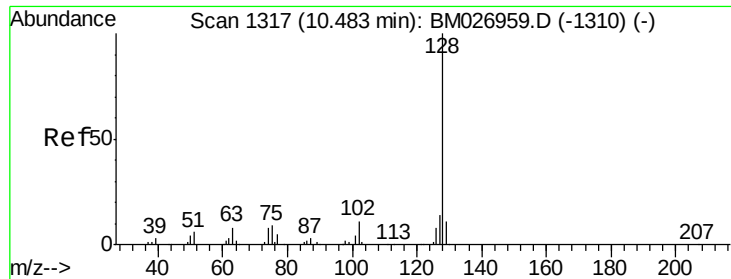
Instrument :
BNA_M
ClientSampleId :
C0S86

Manual Integrations
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Quant Time: Aug 01 01:18:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
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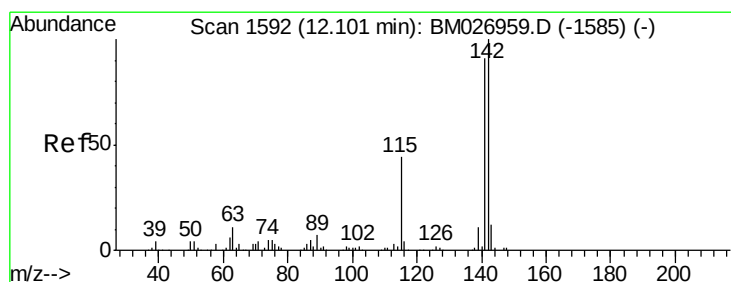
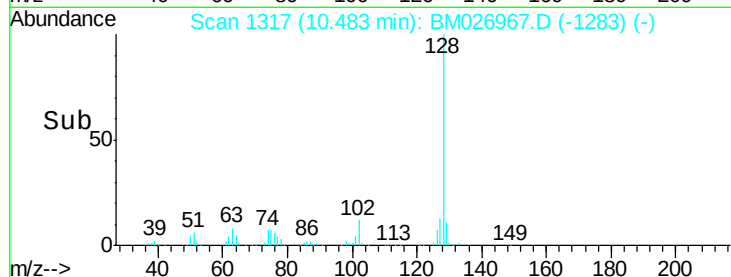
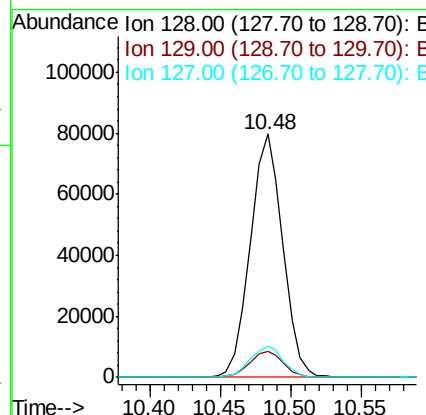
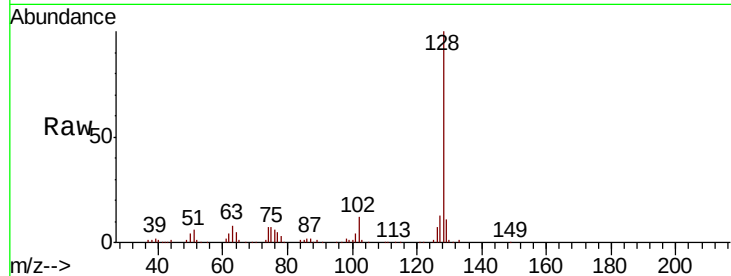
#28
Naphthalene
Concen: 4.474 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampleId :
C0S86

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128513		
129	10.6		8.3	12.5
127	13.0		11.0	16.6

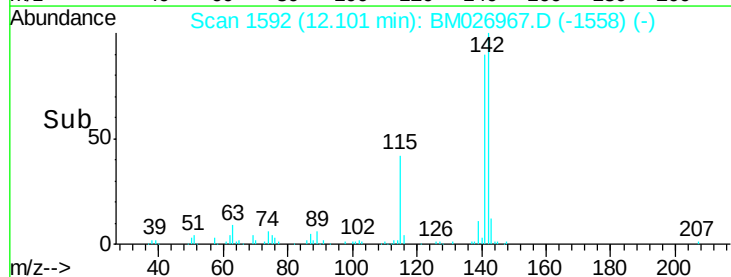
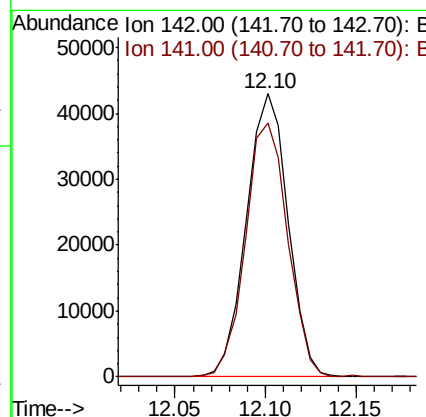
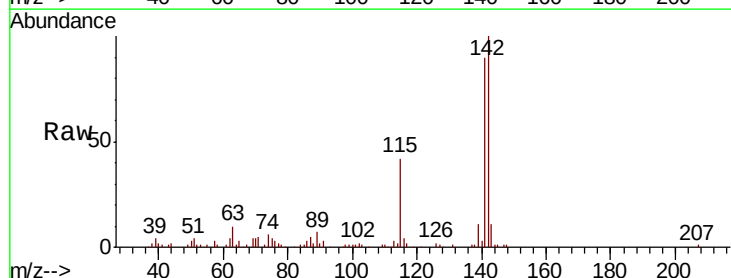
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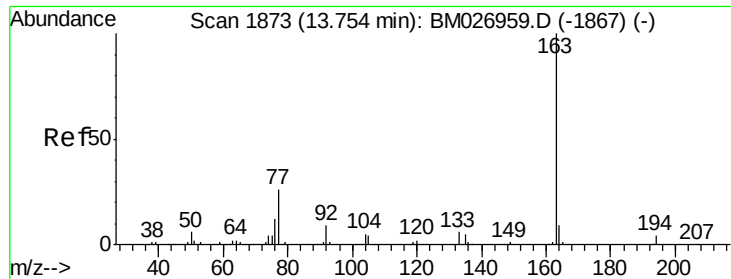
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#34
2-Methylnaphthalene
Concen: 3.381 ng/ul
RT: 12.10 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	68656		
141	89.6		71.1	106.7





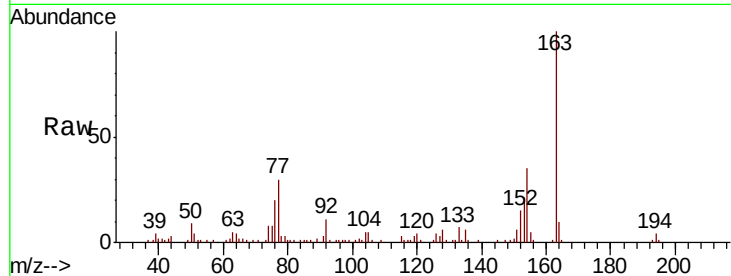
#45
Dimethylphthalate
Concen: 1.537 ng/ul
RT: 13.75 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampled :
C0S86

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	9.6	8.6	12.8

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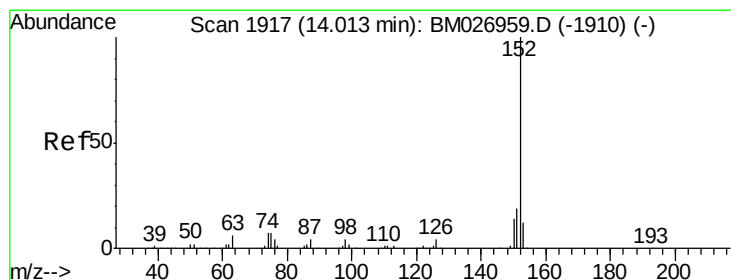
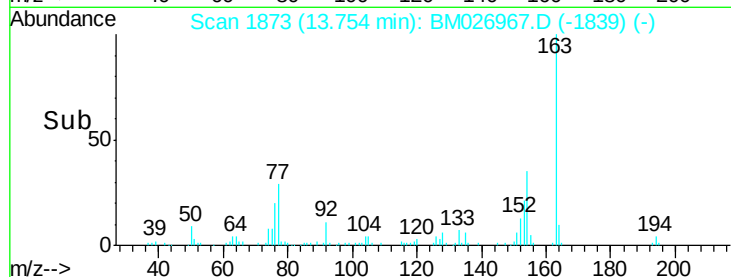
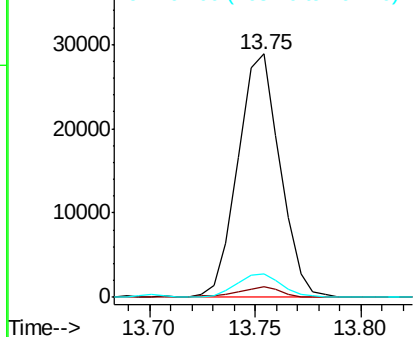


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 26.030 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

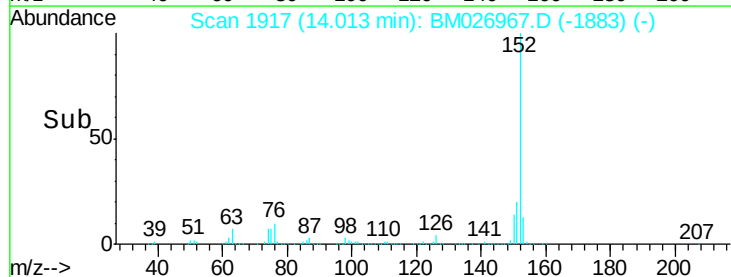
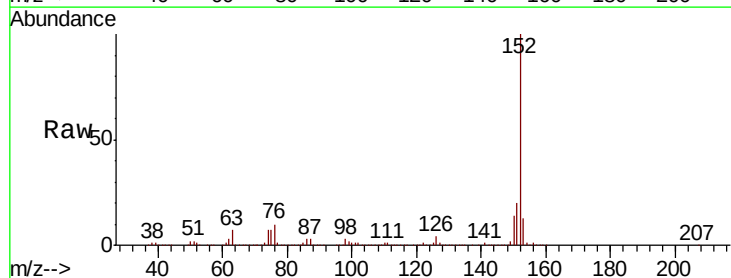
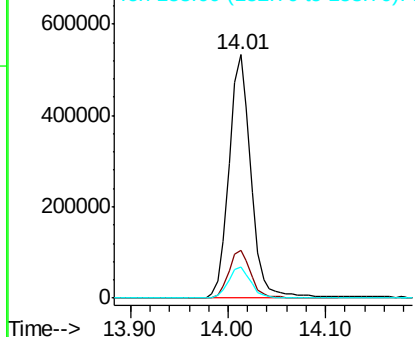
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.7	10.7	16.1

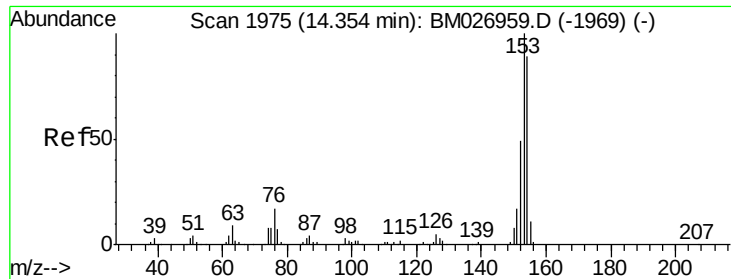
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 1.964 ng/ul

RT: 14.35 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

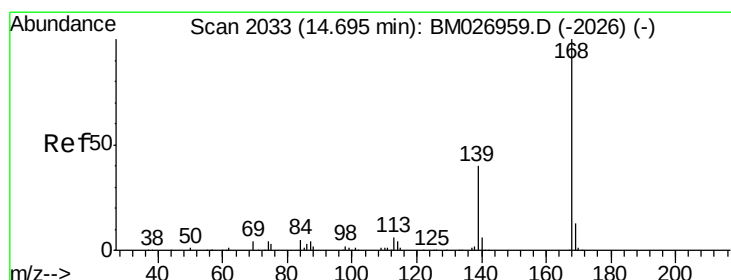
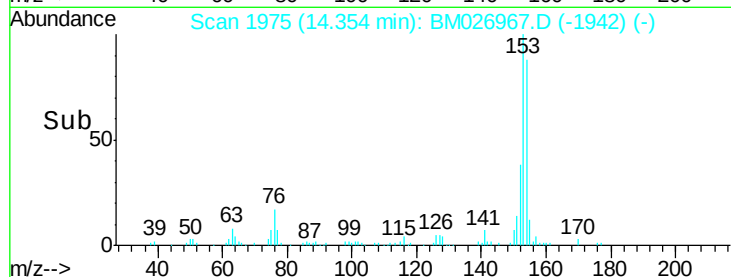
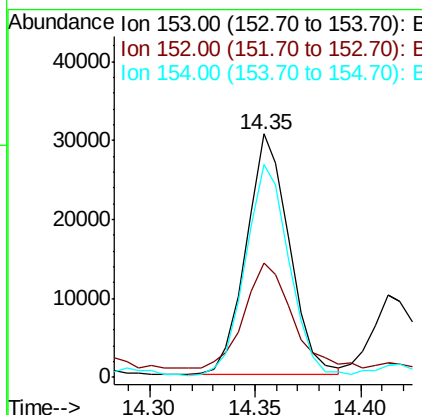
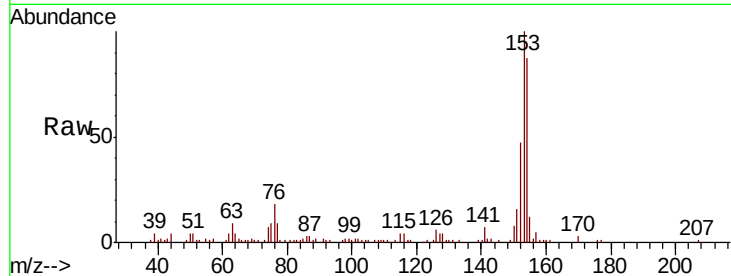
ClientSampleId :

C0S86

Tot Ion:	153	Resp:	43363
Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.8	56.6
154	87.3	70.5	105.7

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#54

Dibenzofuran

Concen: 6.548 ng/ul

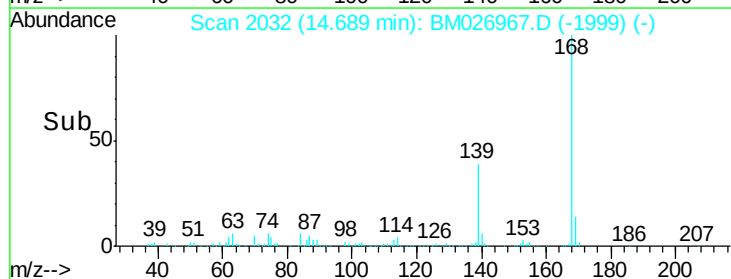
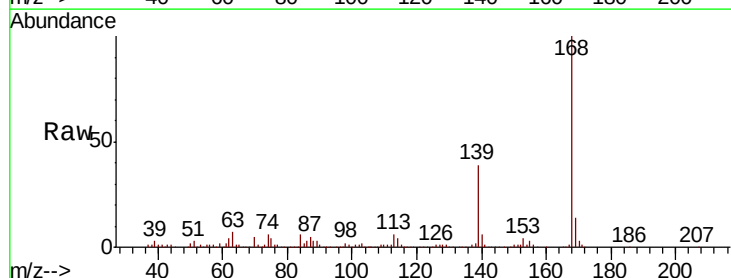
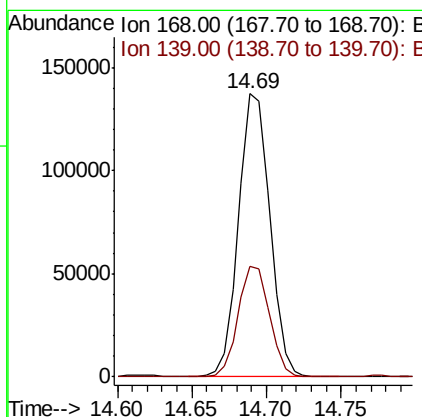
RT: 14.69 min Scan# 2032

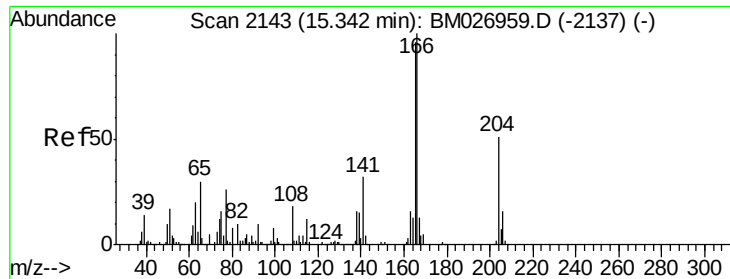
Delta R.T. -0.01 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Tgt Ion:	168	Resp:	200380
Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.8	46.2





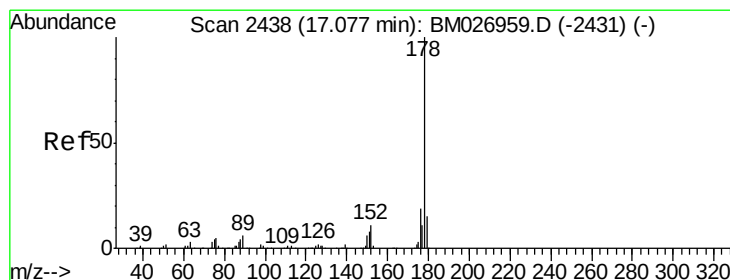
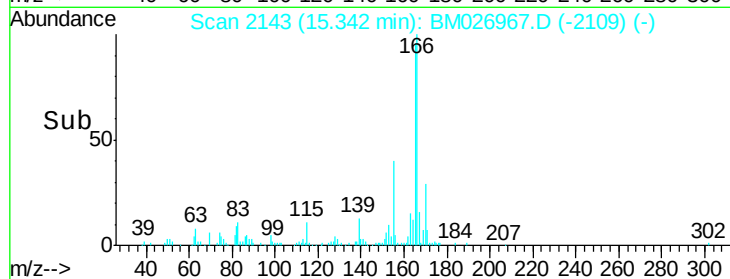
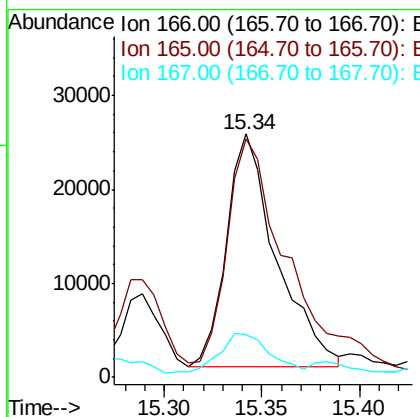
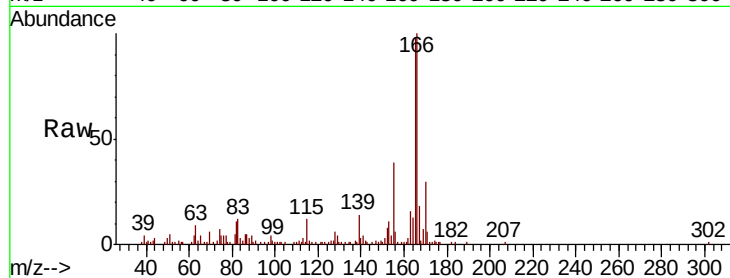
#59
Fluorene
Concen: 1.693 ng/ul
RT: 15.34 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampleId :
C0S86

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	17.5	10.3	15.5#

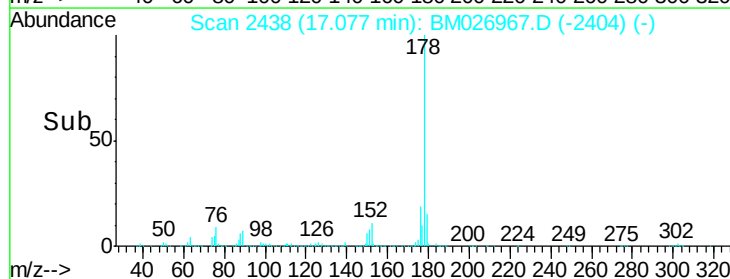
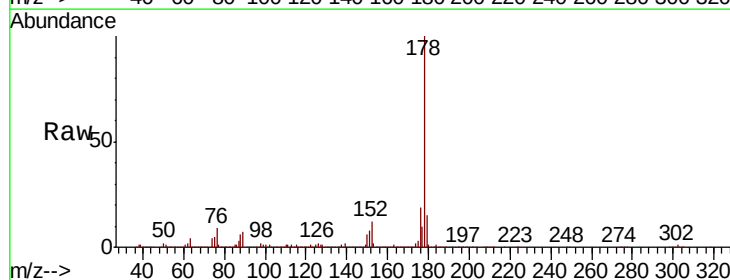
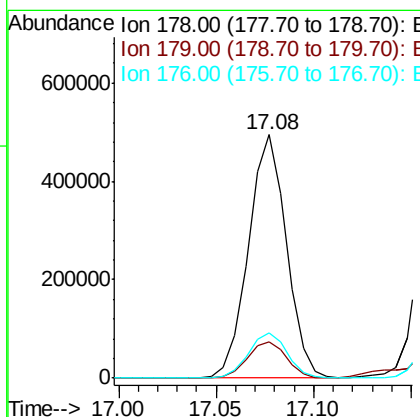
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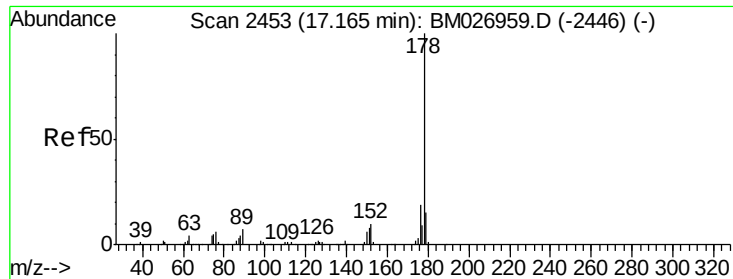
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#70
Phenanthrene
Concen: 16.874 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	18.7	14.7	22.1





#72

Anthracene

Concen: 26.887 ng/ul

RT: 17.17 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

ClientSampled :

C0S86

Tot Ion:178 Resp: 1084305

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.6

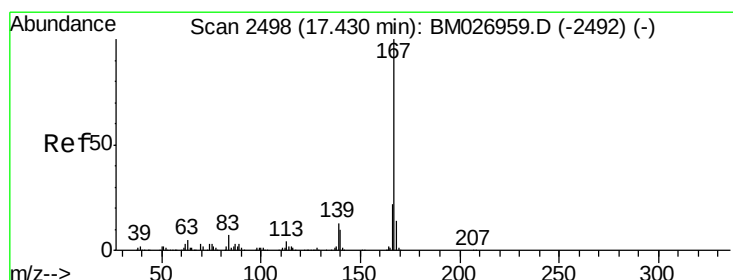
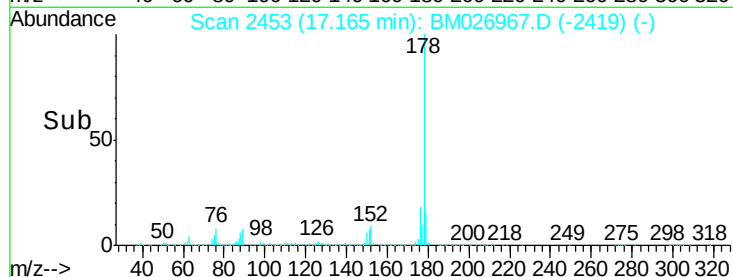
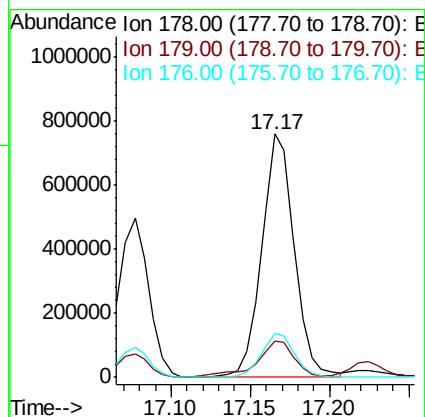
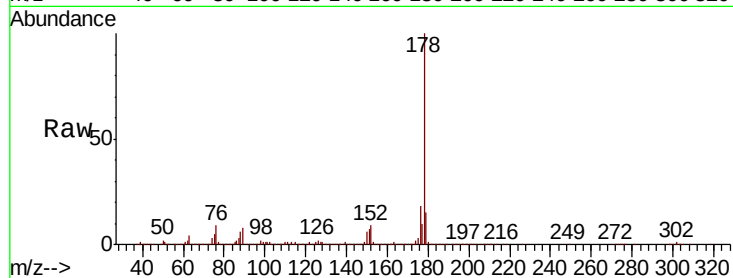
176 18.1 15.0 22.6

Manual Integrations

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#75

Carbazole

Concen: 6.951 ng/ul

RT: 17.43 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

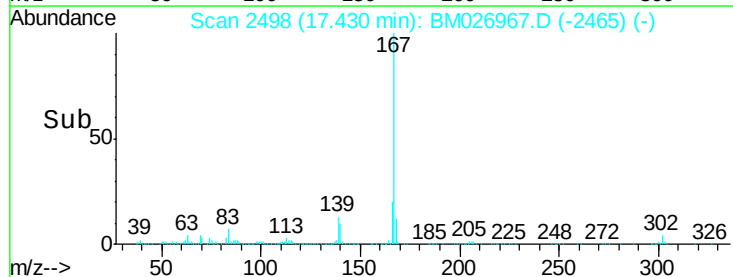
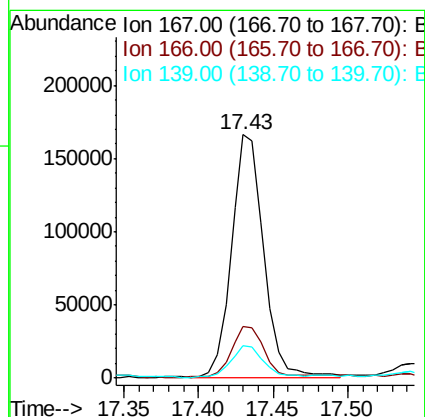
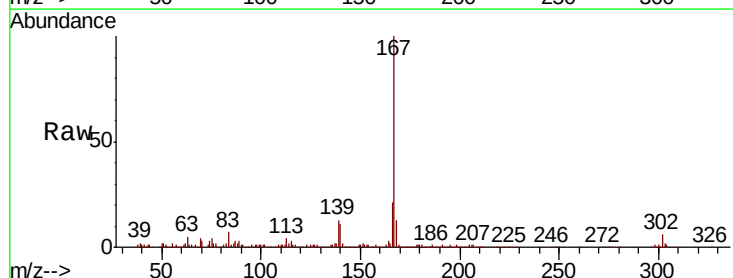
Tgt Ion:167 Resp: 247789

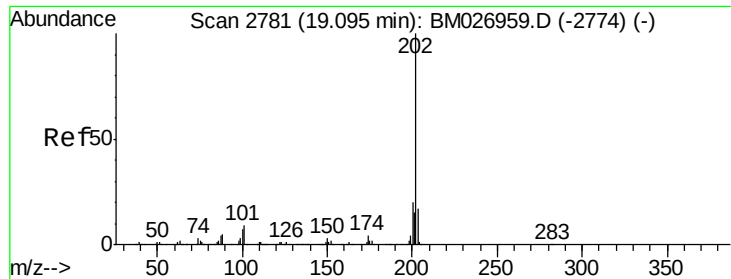
Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 13.3 10.1 15.1





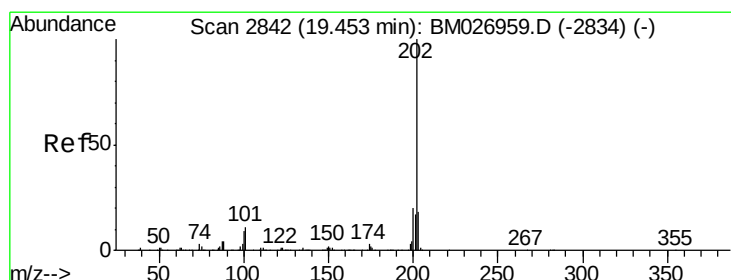
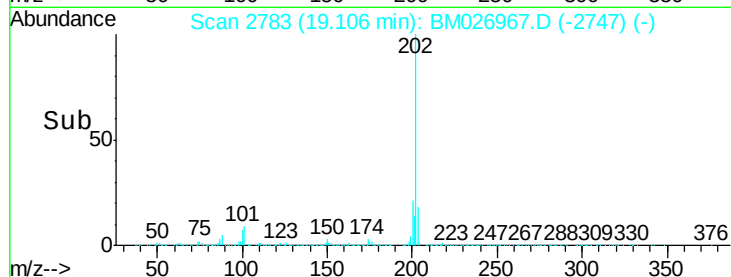
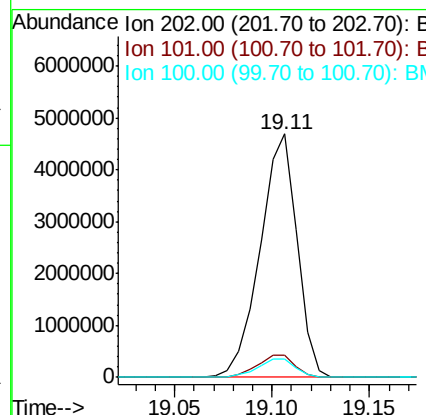
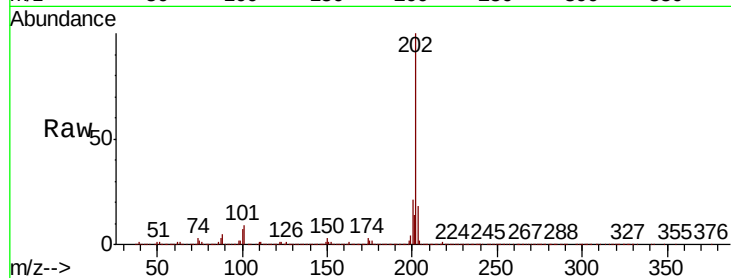
#77
Fluoranthene
 Concen: 132.592 ng/ul
 RT: 19.11 min Scan# 2783
 Delta R.T. 0.01 min
 Lab File: BM026967.D
 Acq: 31 Jul 2020 20:31

Instrument :
 BNA_M
 ClientSampleId :
 C0S86

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.7	11.5
100	7.4	6.2	9.4

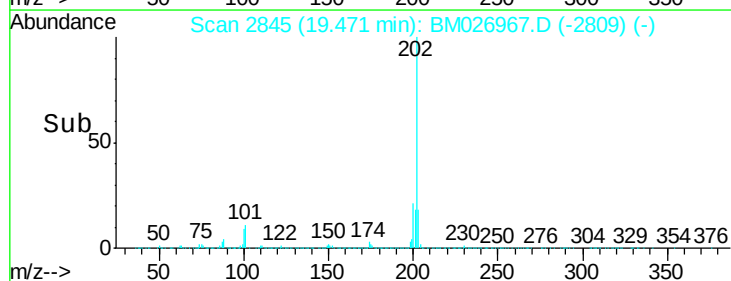
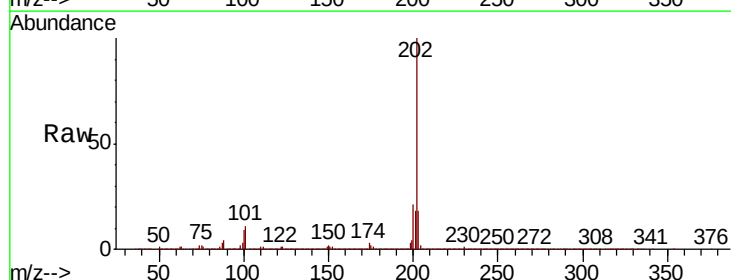
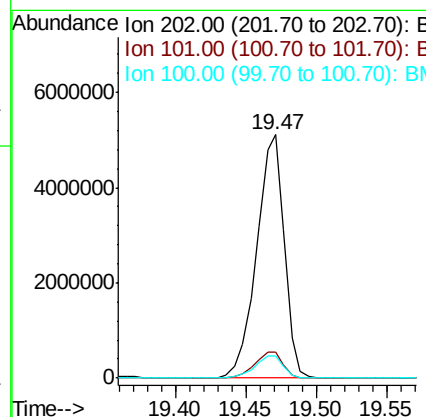
Manual Integrations
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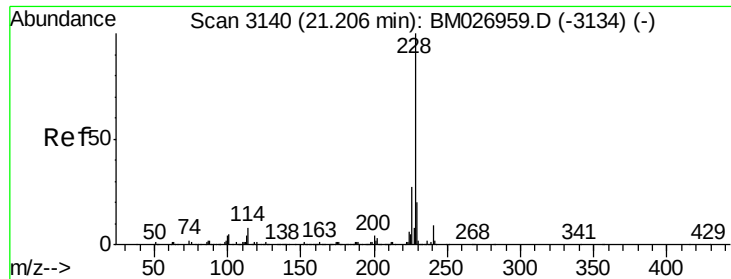
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#80
Pyrene
 Concen: 142.401 ng/ul
 RT: 19.47 min Scan# 2845
 Delta R.T. 0.01 min
 Lab File: BM026967.D
 Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.4	14.2
100	9.1	8.2	12.4





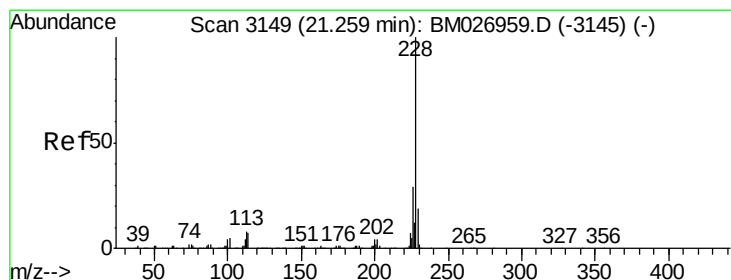
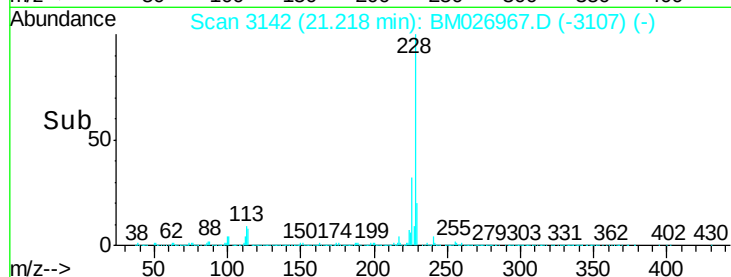
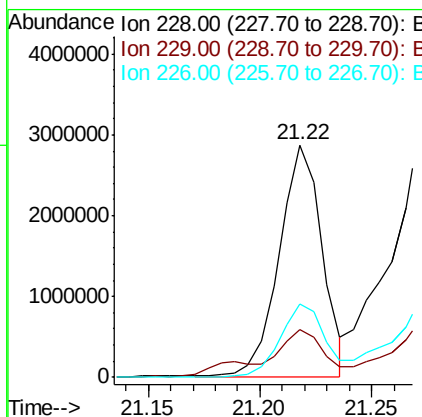
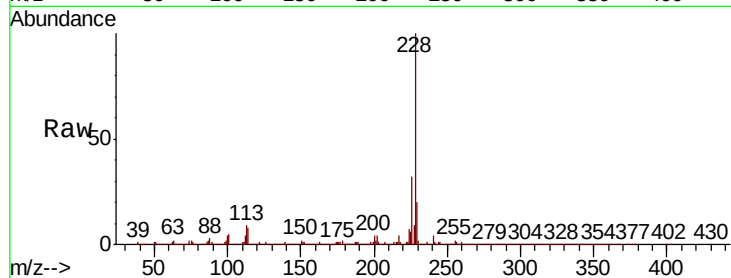
#83
Benzo(a)anthracene
Concen: 82.471 ng/ul m
RT: 21.22 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampleId :
C0S86

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.2
226	31.7	20.9	31.3#

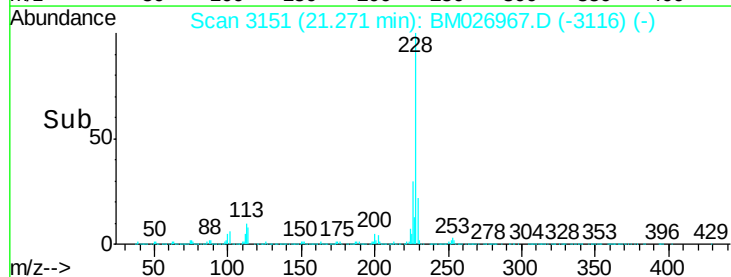
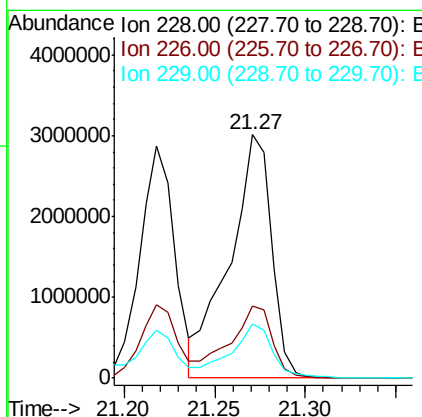
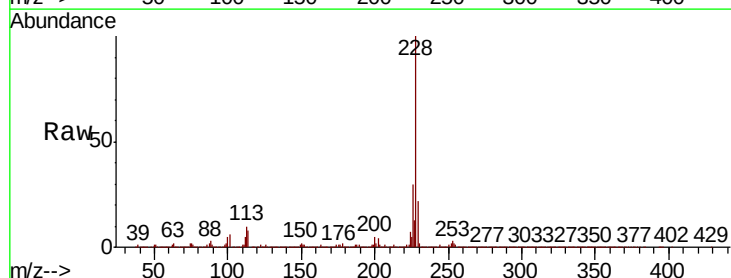
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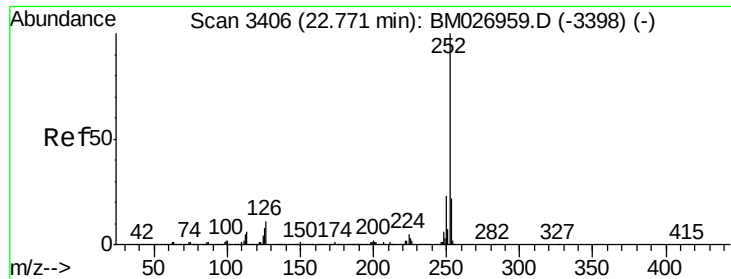
mohammad
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#85
Chrysene
Concen: 106.065 ng/ul
RT: 21.27 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	22.1	15.5	23.3





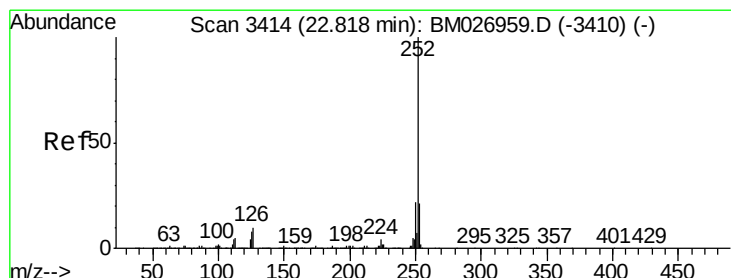
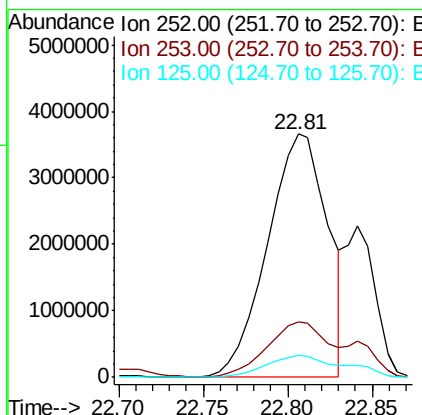
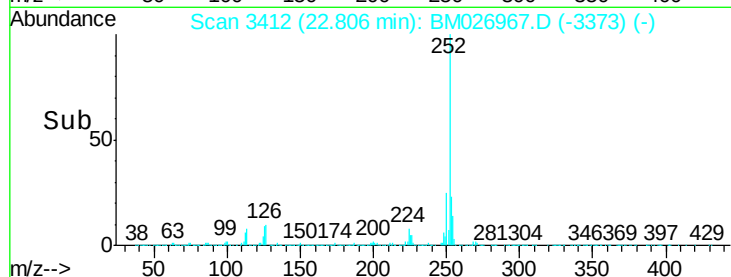
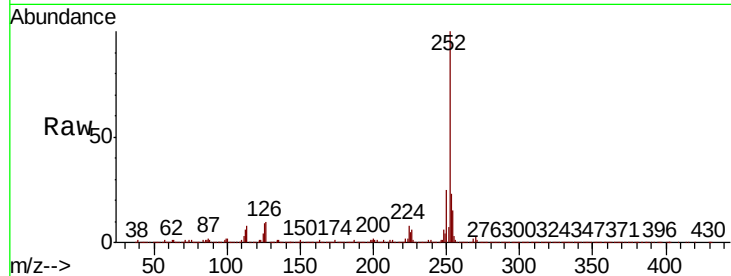
#88
Benzo(b)fluoranthene
Concen: 193.280 ng/ul
RT: 22.81 min Scan# 3412
Delta R.T. 0.03 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampleId :
C0S86

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.0	6.6	10.0

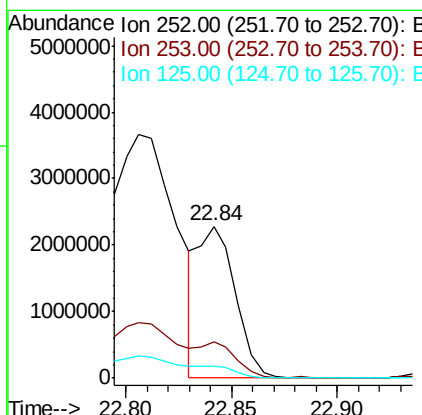
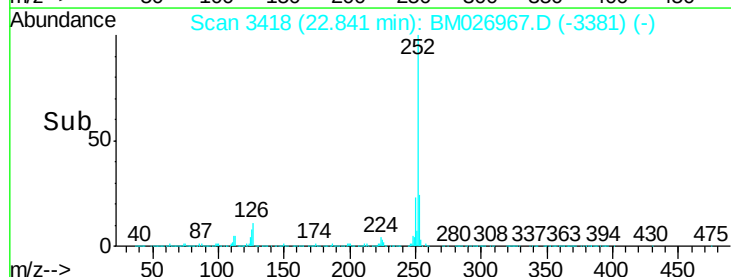
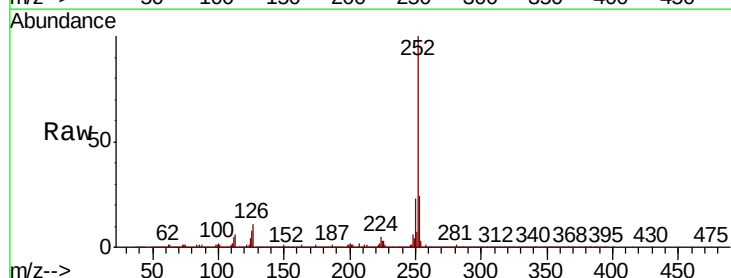
Manual Integrations
APPROVED

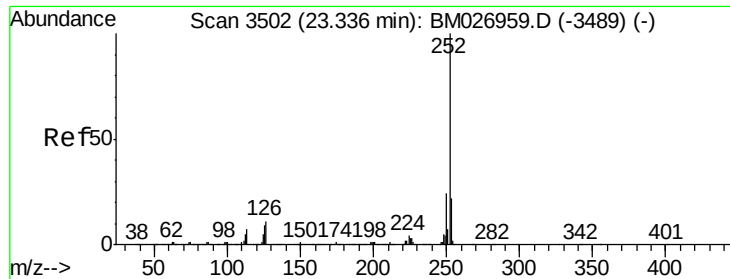
mohammad
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#89
Benzo(k)fluoranthene
Concen: 61.078 ng/ul
RT: 22.84 min Scan# 3418
Delta R.T. 0.02 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	8.0	7.3	10.9





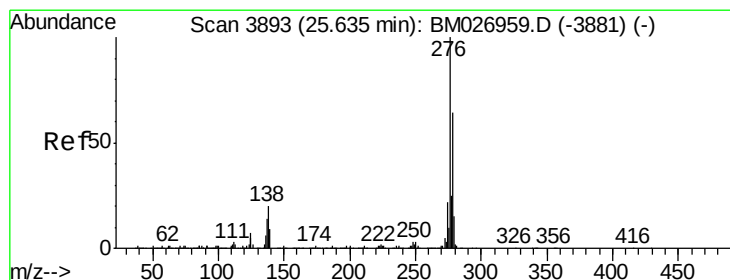
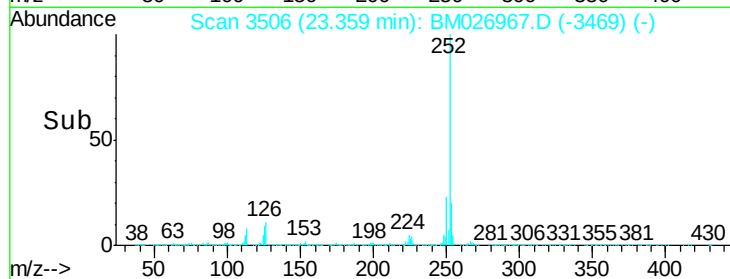
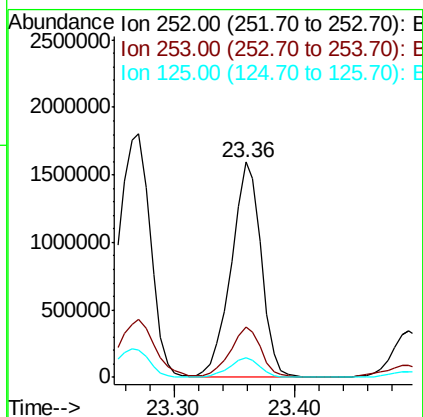
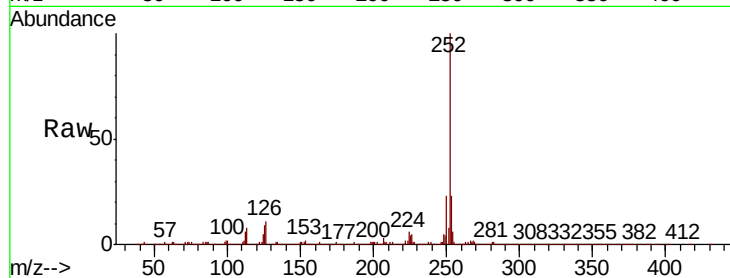
#91
Benzo(a)pyrene
Concen: 64.854 ng/ul
RT: 23.36 min Scan# 3506
Delta R.T. 0.02 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampleId :
C0S86

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	9.3	8.2	12.2

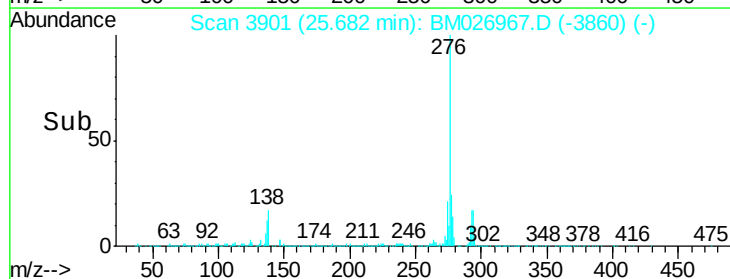
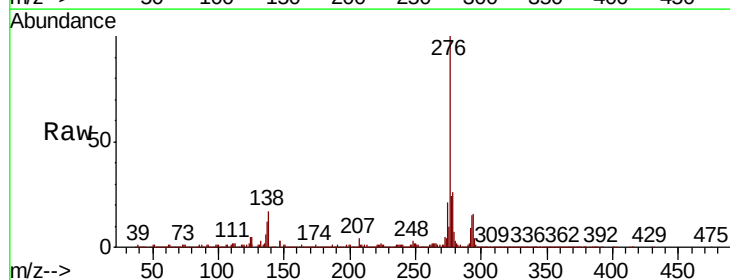
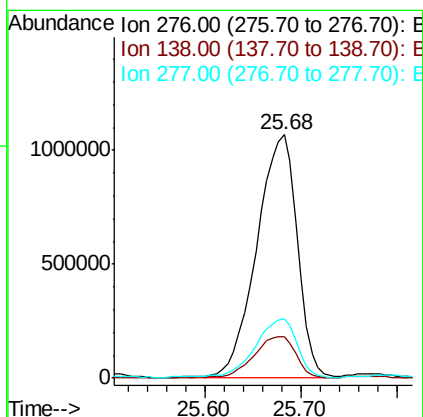
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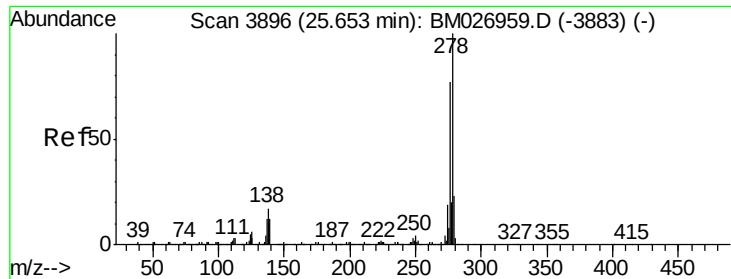
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#92
Indeno(1,2,3-cd)pyrene
Concen: 59.519 ng/ul m
RT: 25.68 min Scan# 3901
Delta R.T. 0.04 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.0	25.4#
277	24.4	20.6	30.8





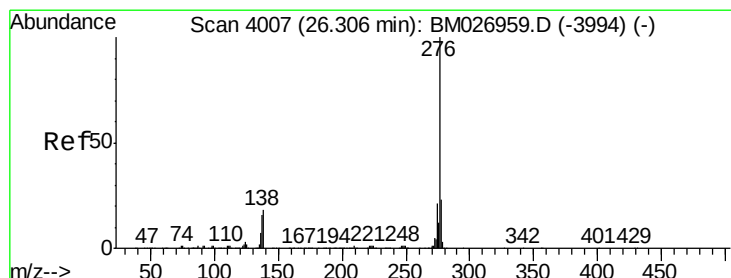
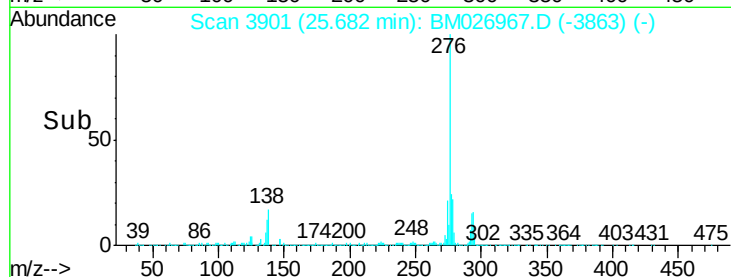
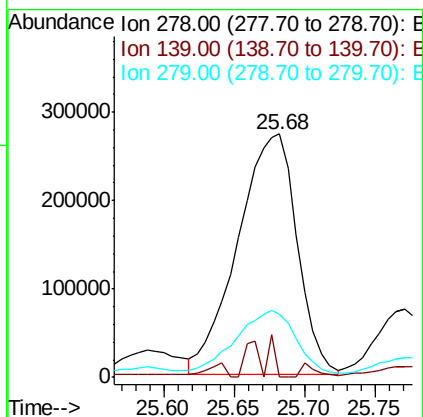
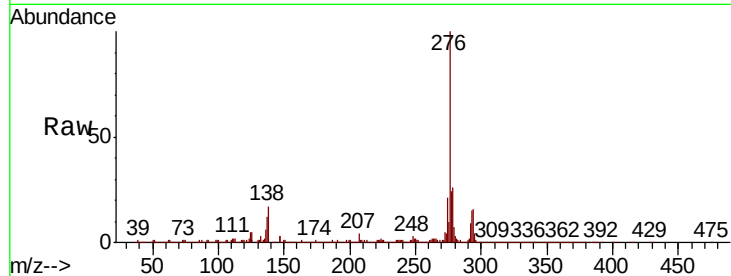
#93
Dibenzo(a,h)anthracene
Concen: 18.108 ng/ul
RT: 25.68 min Scan# 3901
Delta R.T. 0.02 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampleId :
C0S86

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	26.2	19.4	29.2

Manual Integrations
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8/3/2020 12:23:57 PM



#94
Benzo(g,h,i)perylene
Concen: 19.705 ng/ul
RT: 26.34 min Scan# 4013
Delta R.T. 0.02 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.9	22.3
277	24.3	19.1	28.7

