

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
 Data File : BM026963.D
 Acq On : 31 Jul 2020 18:04
 Operator : JU/CG
 Sample : L3424-12 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S87

Manual Integrations
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mohammad
 8/3/2020 12:23:42 PM

Quant Time: Jul 31 18:54:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 12:26:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	103554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	400541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	247510	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	516713	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	508650	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	504857	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1745	0.77	ng/uL	0.00
5) Phenol-d5	6.84	99	41755	4.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	28501	4.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	30832	4.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	33281	4.77	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	15082	4.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15007	5.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	32039	4.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	27985	3.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	95381	4.91	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	116784	4.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	11608	3.54	ng/ul	0.00
58) Fluorene-d10	15.29	176	81094	4.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7508	3.26	ng/ul	0.00
71) Anthracene-d10	17.13	188	125822	4.87	ng/ul	0.00
79) Pyrene-d10	19.43	212	130220	4.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	131380	4.61	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.48	128	44665	1.996	ng/ul	96
48) Acenaphthylene	14.01	152	183064	7.295	ng/ul	99
54) Dibenzofuran	14.69	168	34665	1.447	ng/ul	97
70) Phenanthrene	17.08	178	146713	4.678	ng/ul	99
72) Anthracene	17.17	178	329839	10.231	ng/ul	99
75) Carbazole	17.43	167	85408	2.997	ng/ul	98
77) Fluoranthene	19.10	202	1167374	31.522	ng/ul	99
80) Pyrene	19.46	202	1536156	41.510	ng/ul	97
83) Benzo(a)anthracene	21.21	228	778820	22.214	ng/ul	94
85) Chrysene	21.26	228	1421774	41.585	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	2760496	76.435	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	801792m	23.136	ng/ul	
91) Benzo(a)pyrene	23.34	252	907574	27.849	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	1258406	31.126	ng/ul	94
93) Dibenzo(a,h)anthracene	25.65	278	301526	8.818	ng/ul#	85
94) Benzo(g,h,i)perylene	26.32	276	341881	10.227	ng/ul	97

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

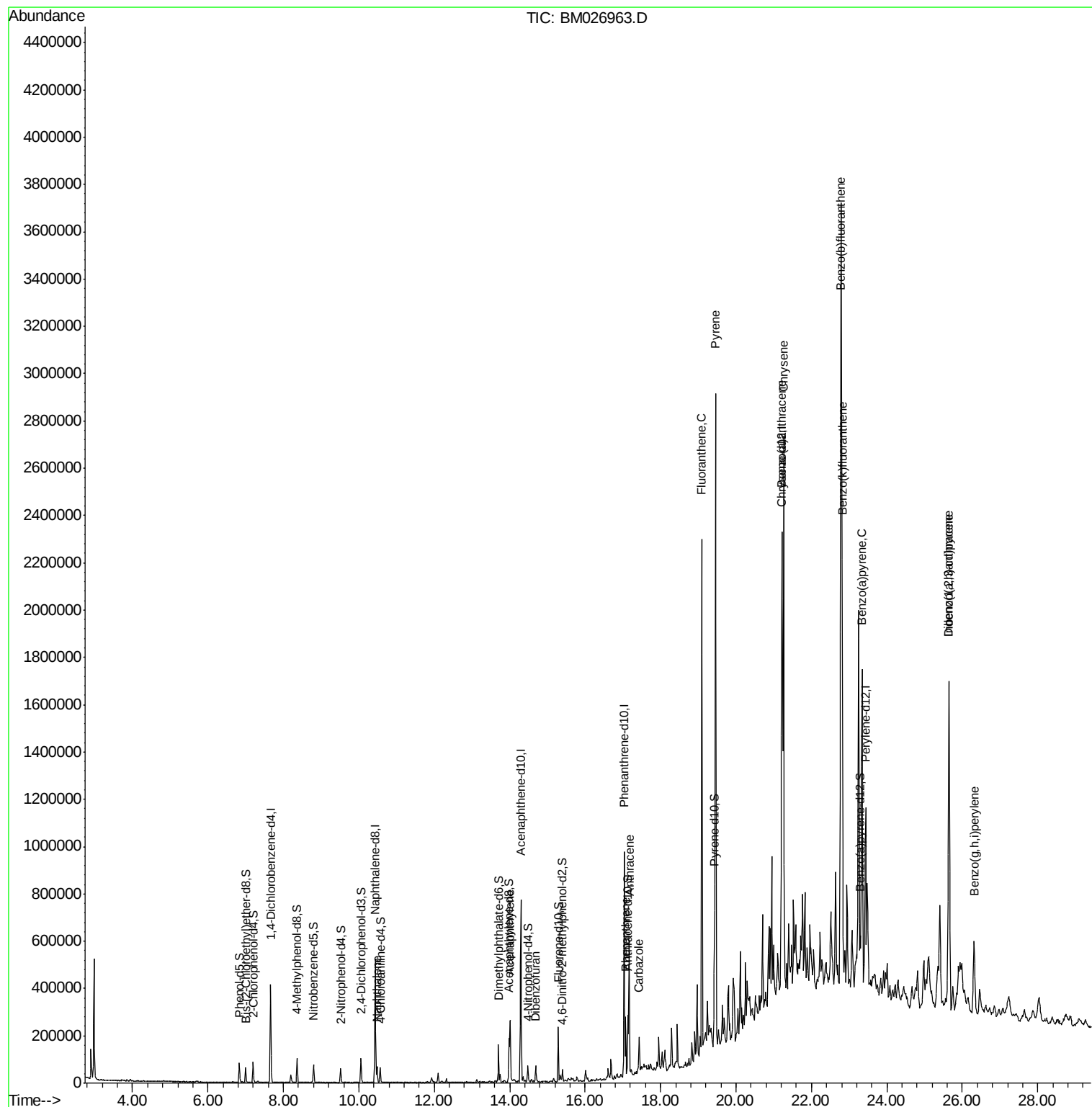
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026963.D
Acq On : 31 Jul 2020 18:04
Operator : JU/CG
Sample : L3424-12 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

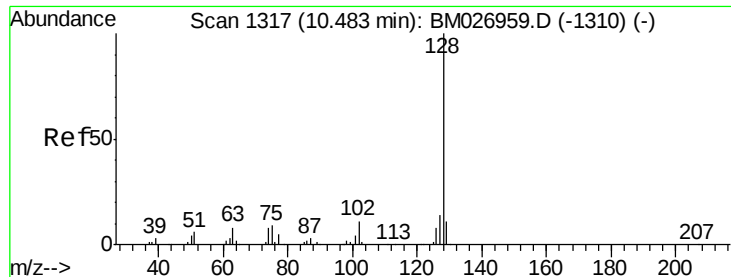
Instrument :
BNA_M
ClientSampleId :
C0S87

Manual Integrations
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Quant Time: Jul 31 18:54:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration





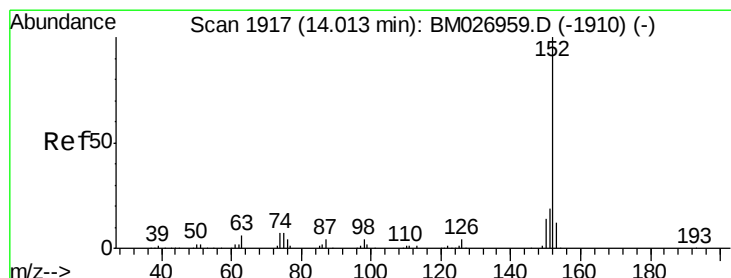
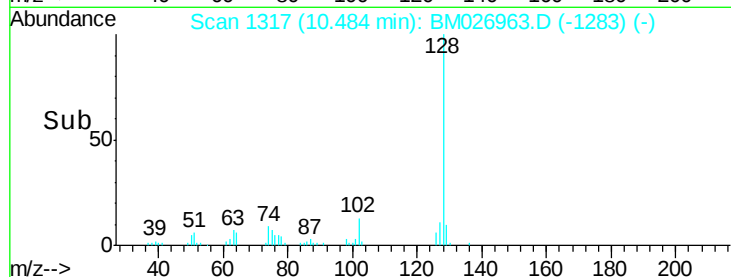
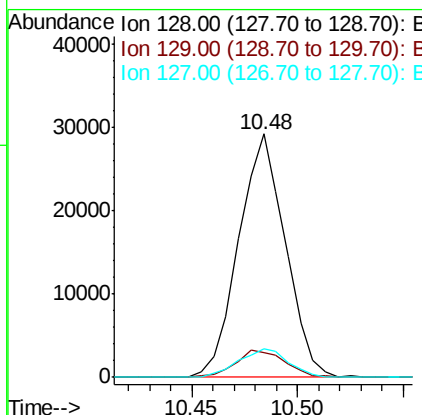
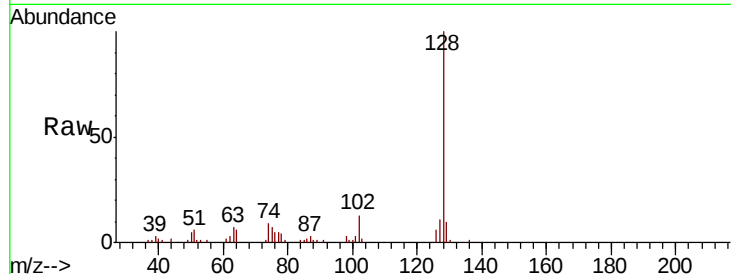
#28
Naphthalene
Concen: 1.996 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Instrument :
BNA_M
ClientSampleId :
C0S87

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.3	12.5
127	11.5	11.0	16.6

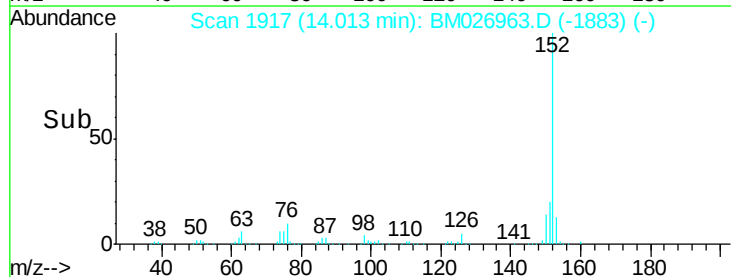
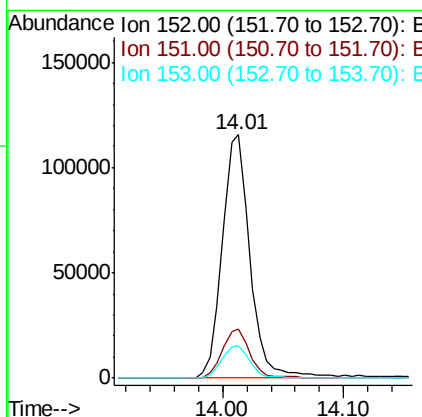
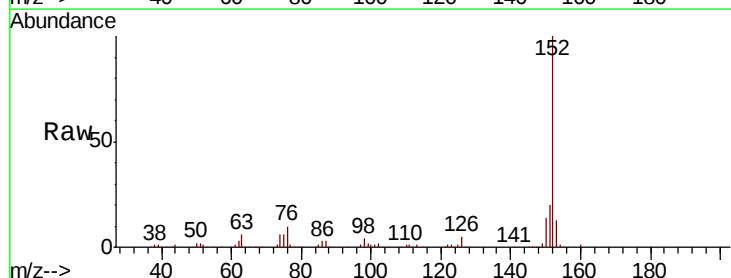
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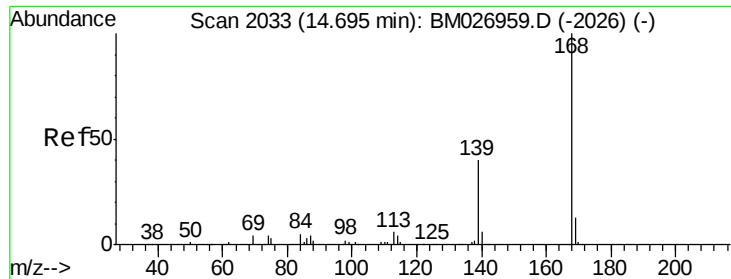
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#48
Acenaphthylene
Concen: 7.295 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.4	10.7	16.1





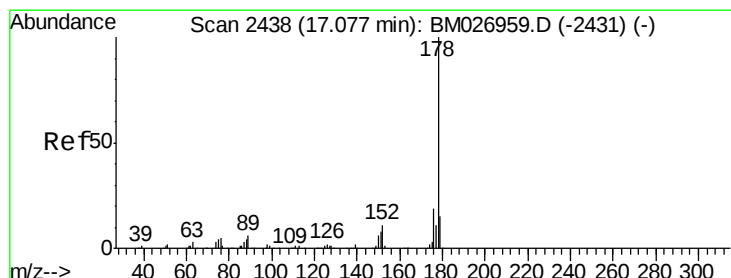
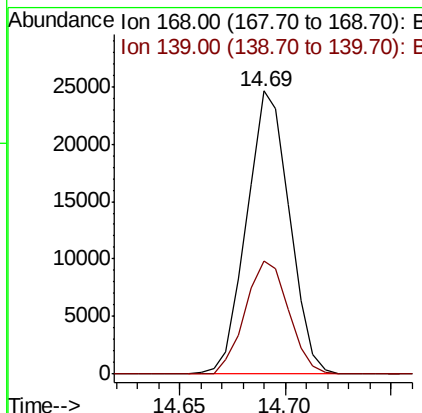
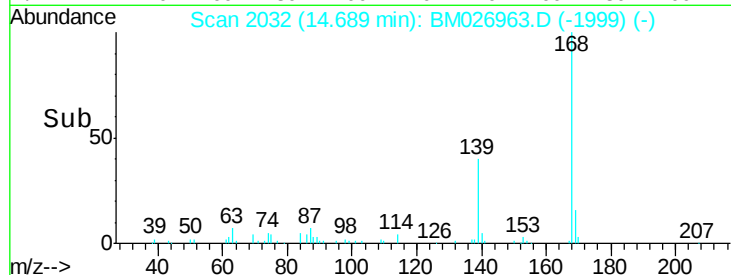
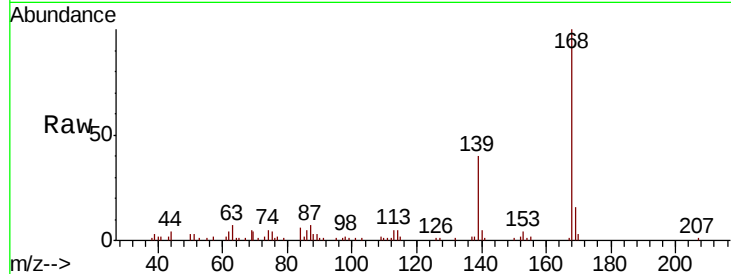
#54
Dibenzenofuran
Concen: 1.447 ng/ul
RT: 14.69 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Instrument :
BNA_M
ClientSampled :
C0S87

Tot Ion:168 Resp: 34665
Ion Ratio Lower Upper
168 100
139 40.0 30.8 46.2

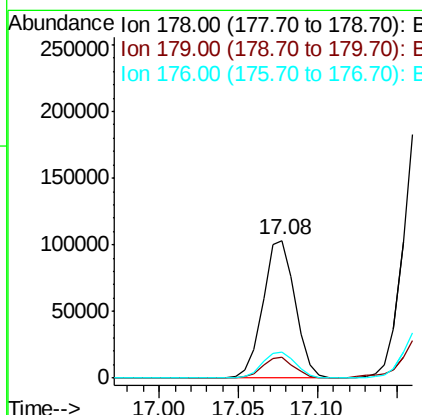
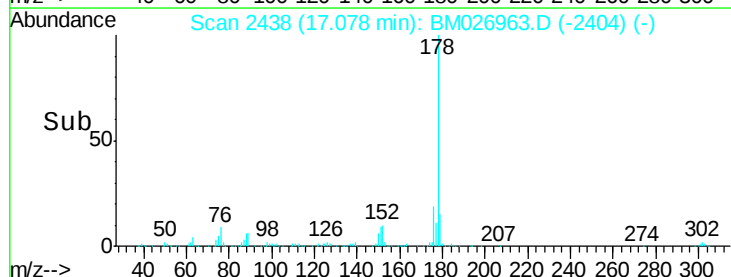
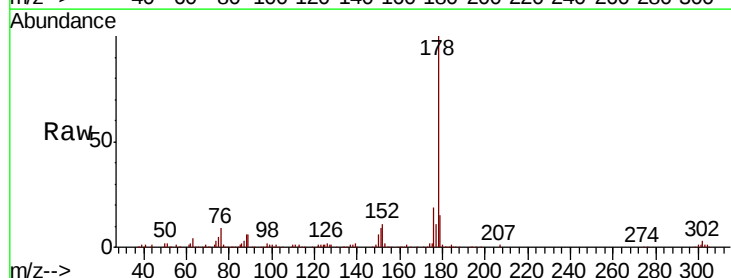
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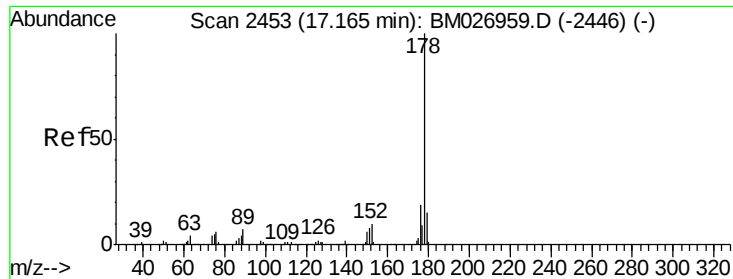
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#70
Phenanthrene
Concen: 4.678 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Tgt Ion:178 Resp: 146713
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.0 14.7 22.1





#72

Anthracene

Concen: 10.231 ng/ul

RT: 17.17 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM026963.D

Acq: 31 Jul 2020 18:04

Instrument :

BNA_M

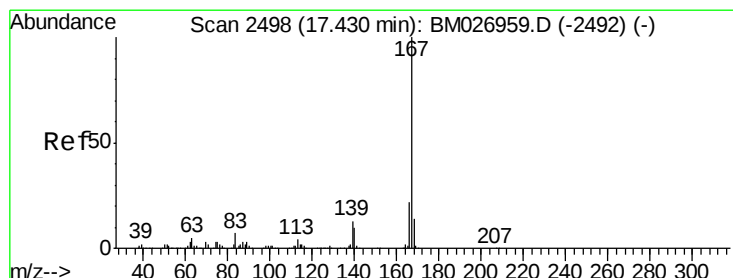
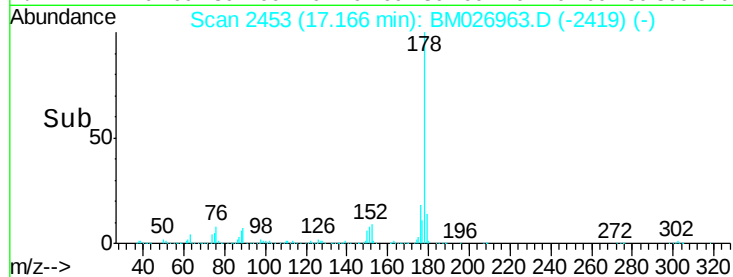
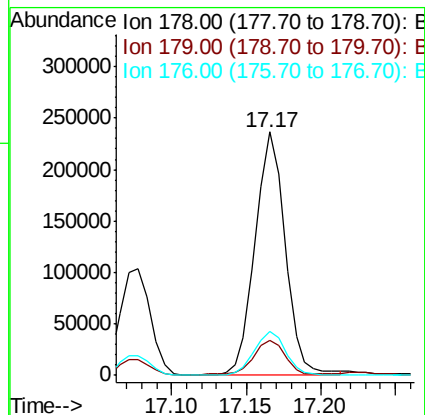
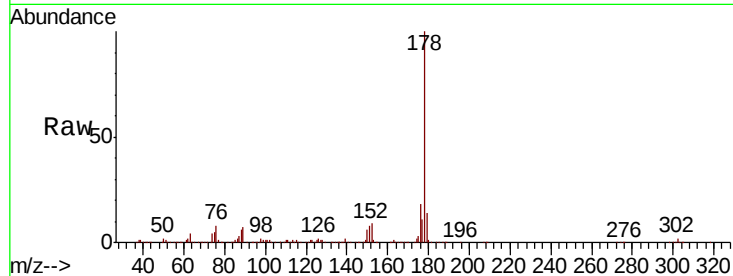
ClientSampleId :

C0S87

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.8	17.6
176	17.9	15.0	22.6

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#75

Carbazole

Concen: 2.997 ng/ul

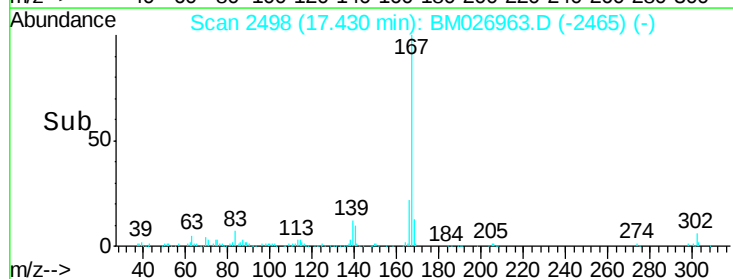
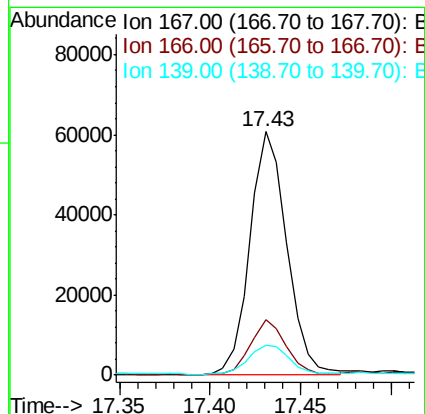
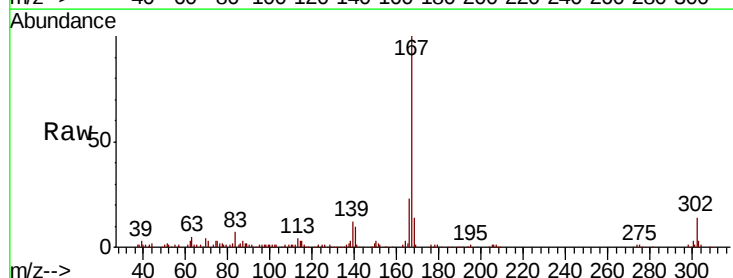
RT: 17.43 min Scan# 2498

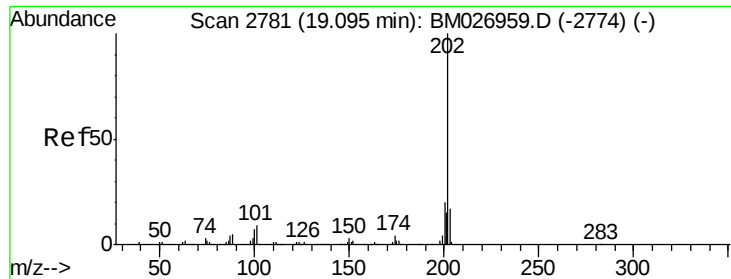
Delta R.T. -0.01 min

Lab File: BM026963.D

Acq: 31 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.1	25.7
139	12.2	10.1	15.1





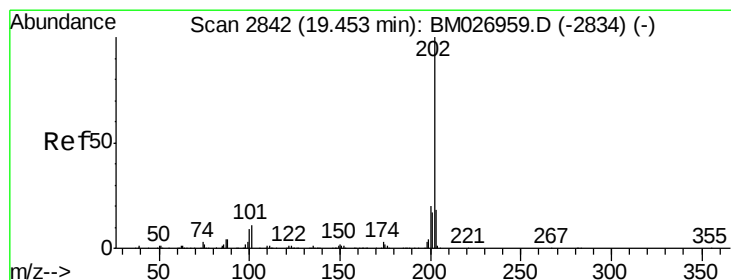
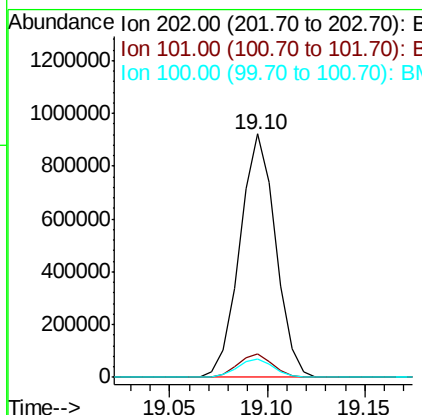
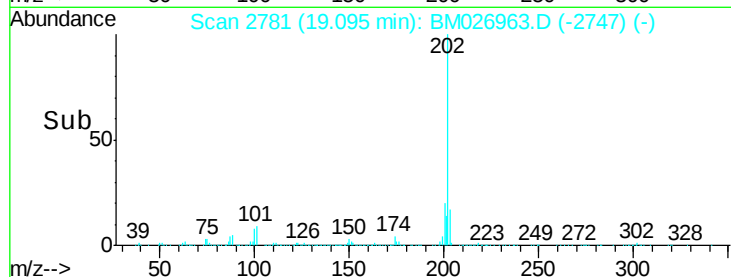
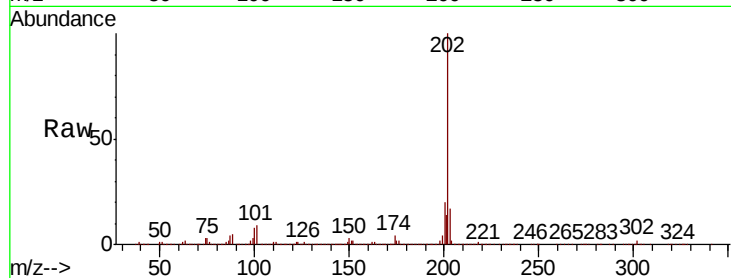
#77
Fluoranthene
 Concen: 31.522 ng/ul
 RT: 19.10 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: BM026963.D
 Acq: 31 Jul 2020 18:04

Instrument :
 BNA_M
 ClientSampleId :
 C0S87

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.7	11.5
100	7.6	6.2	9.4

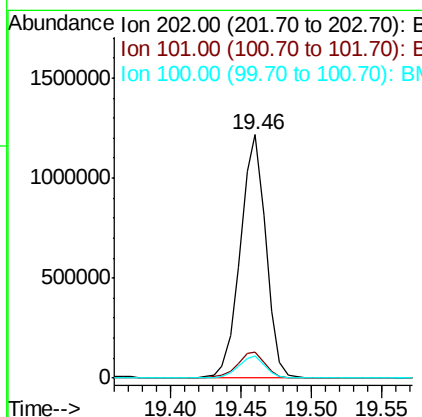
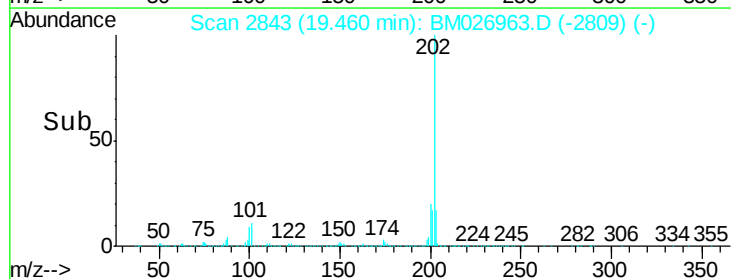
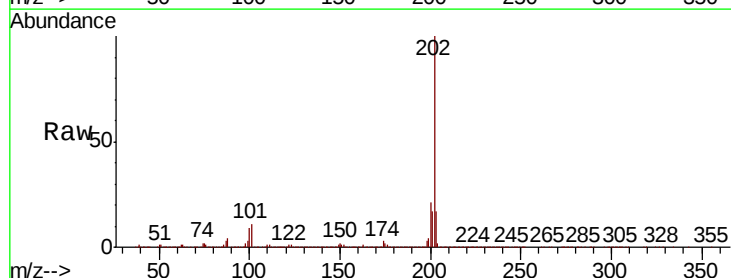
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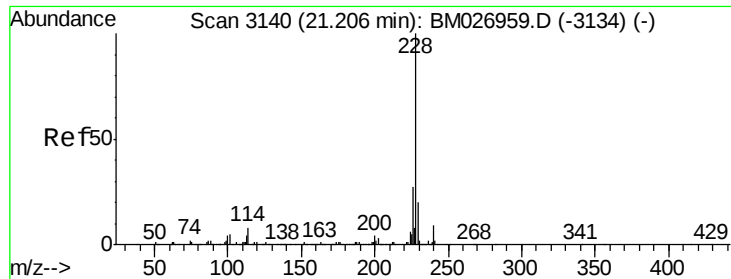
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#80
Pyrene
 Concen: 41.510 ng/ul
 RT: 19.46 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BM026963.D
 Acq: 31 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	9.2	8.2	12.4





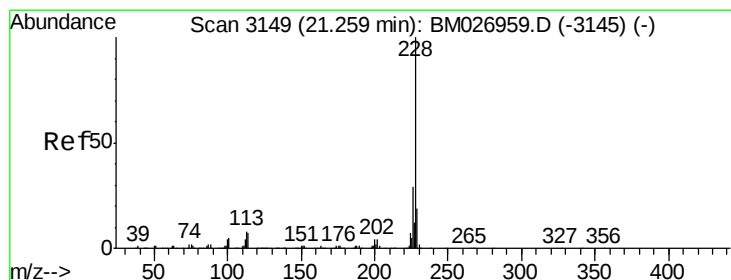
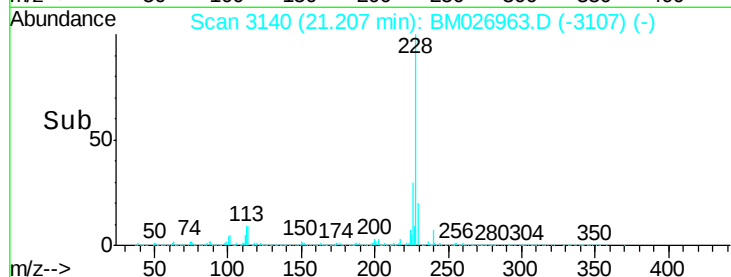
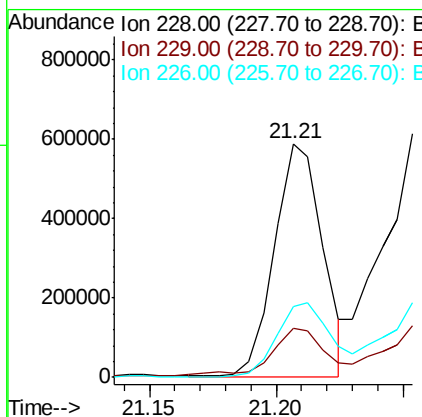
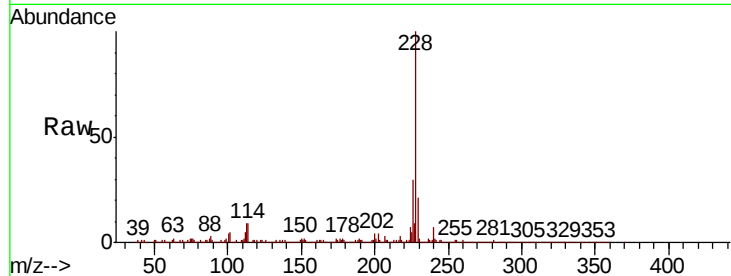
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Benzo(a)anthracene
Concen: 22.214 ng/ul
RT: 21.21 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Instrument :
BNA_M
ClientSampleId :
C0S87

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.2
226	30.3	20.9	31.3

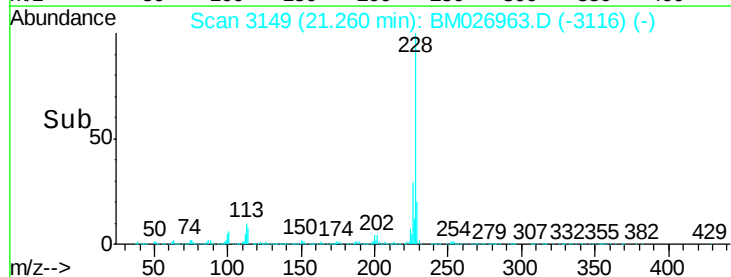
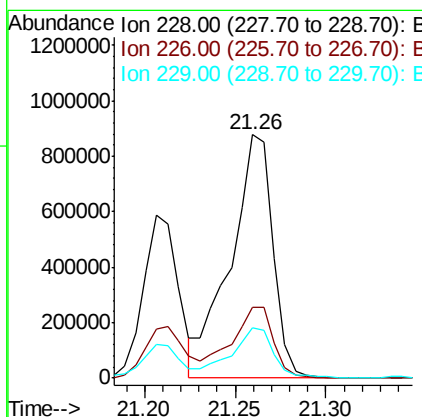
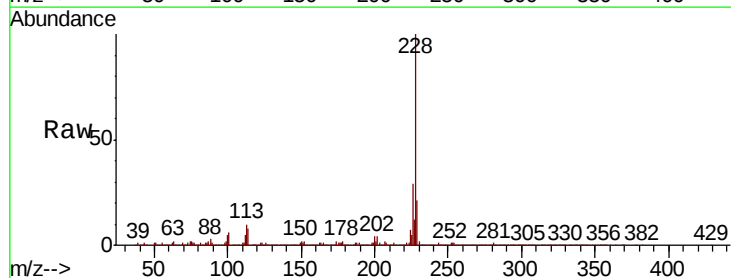
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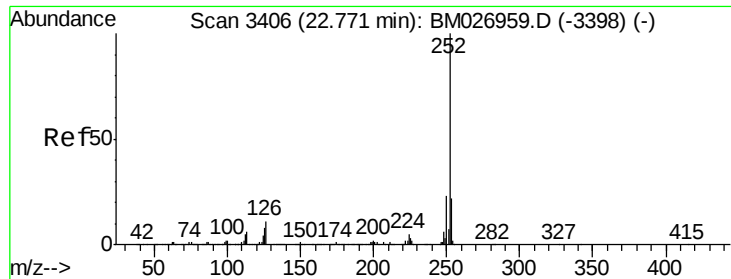
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#85
Chrysene
Concen: 41.585 ng/ul
RT: 21.26 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	20.6	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 76.435 ng/ul

RT: 22.78 min Scan# 3408

Delta R.T. 0.01 min

Lab File: BM026963.D

Acq: 31 Jul 2020 18:04

Instrument :

BNA_M

ClientSampleId :

C0S87

Tot Ion:252 Resp: 2760496

Ion Ratio Lower Upper

252 100

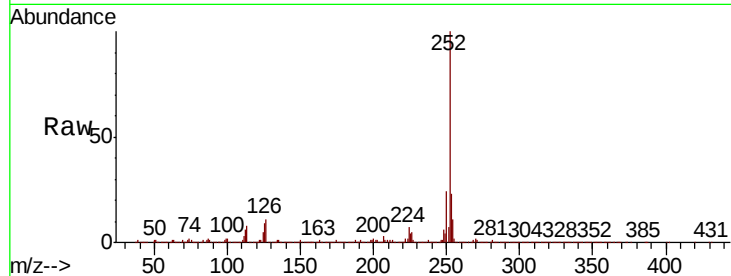
253 22.8 17.6 26.4

125 9.3 6.6 10.0

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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

22.78

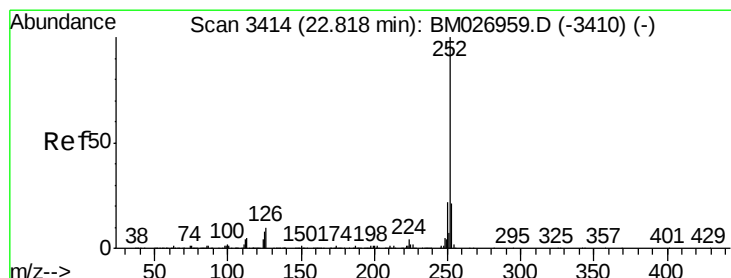
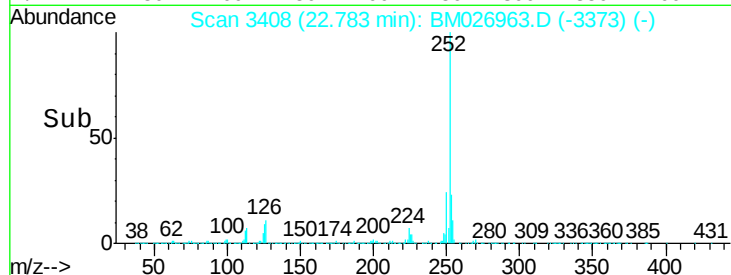
1500000

1000000

500000

0

Time-->



#89

Benzo(k)fluoranthene

Concen: 23.136 ng/ul m

RT: 22.82 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BM026963.D

Acq: 31 Jul 2020 18:04

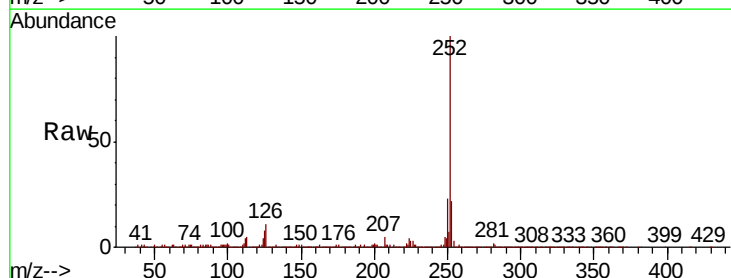
Tgt Ion:252 Resp: 801792

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 7.7 7.3 10.9



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

22.82

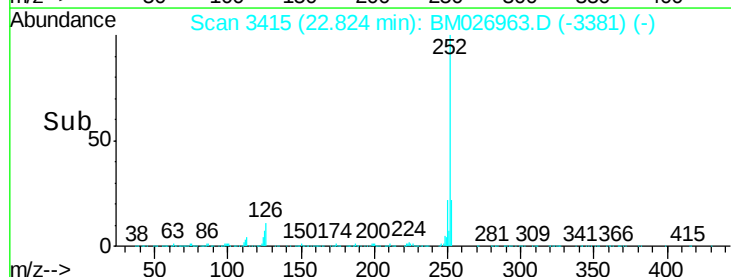
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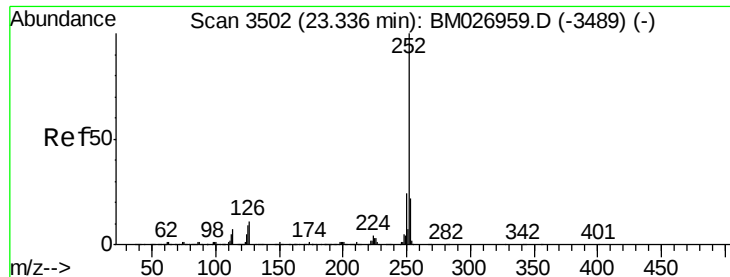
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500000

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Time-->





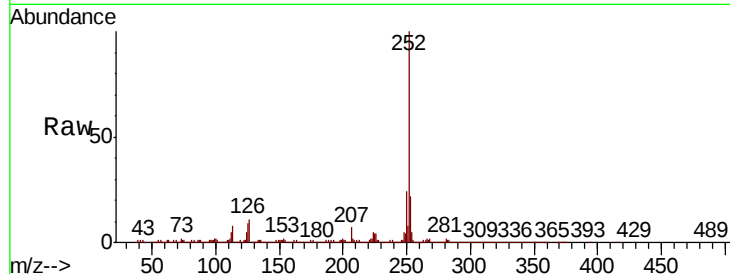
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Benzo(a)pyrene
Concen: 27.849 ng/ul
RT: 23.34 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Instrument :
BNA_M
ClientSampleId :
C0S87

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.5	8.2	12.2

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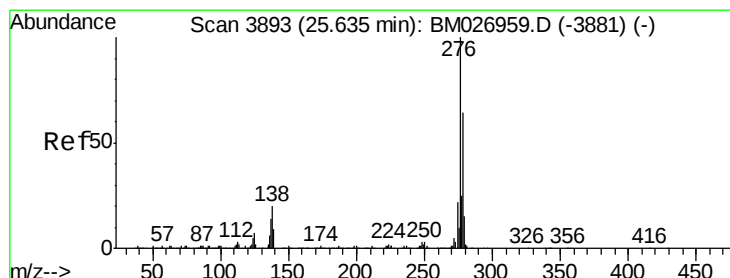
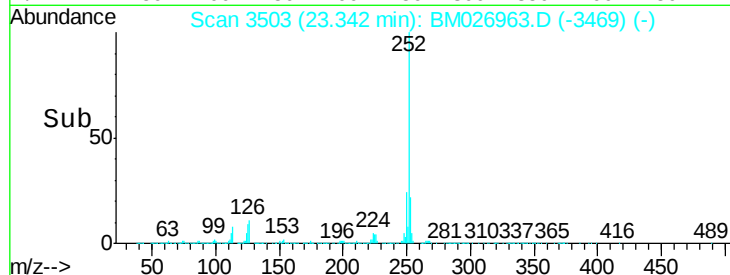
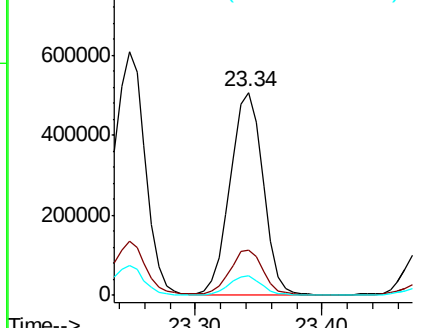


Abundance

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



#92
Indeno(1,2,3-cd)pyrene
Concen: 31.126 ng/ul
RT: 25.65 min Scan# 3895
Delta R.T. 0.01 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

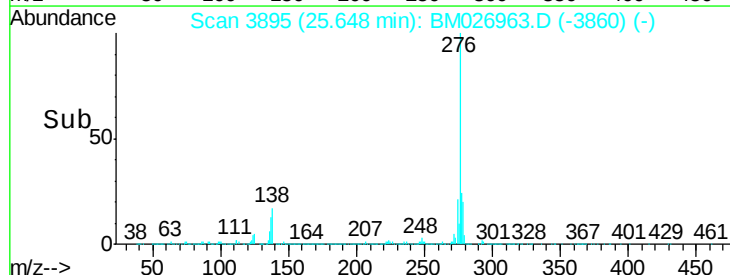
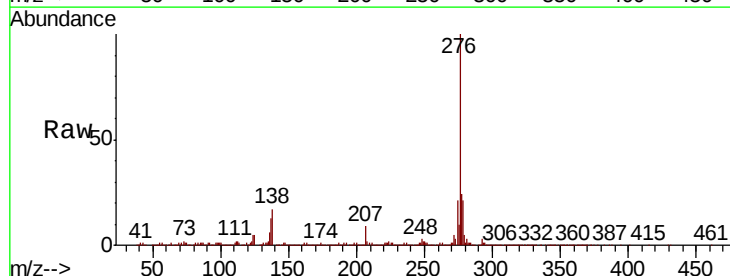
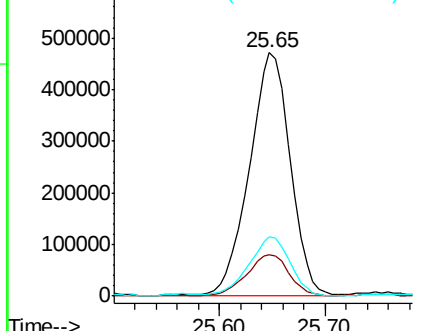
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.0	25.4
277	24.1	20.6	30.8

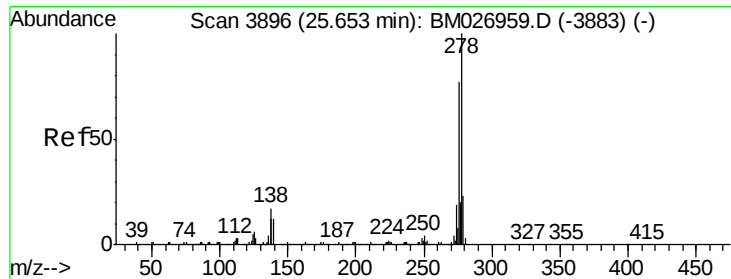
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





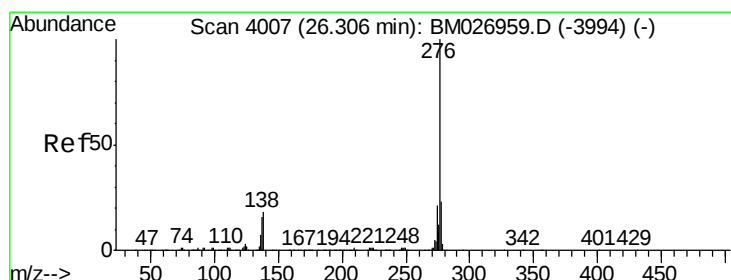
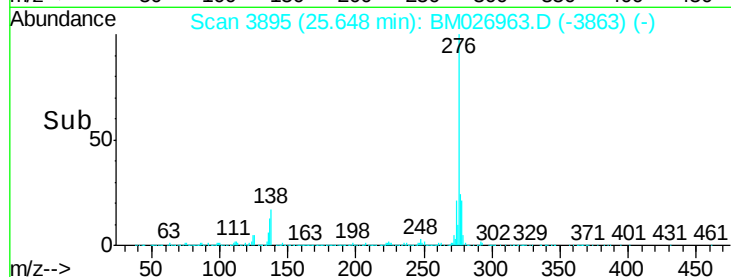
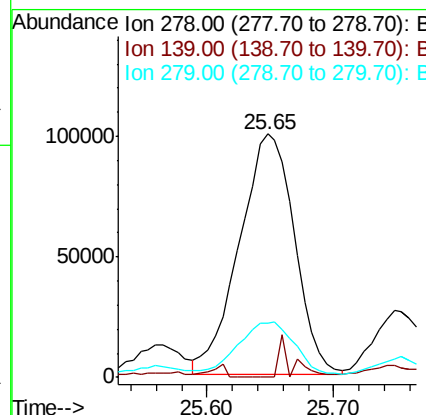
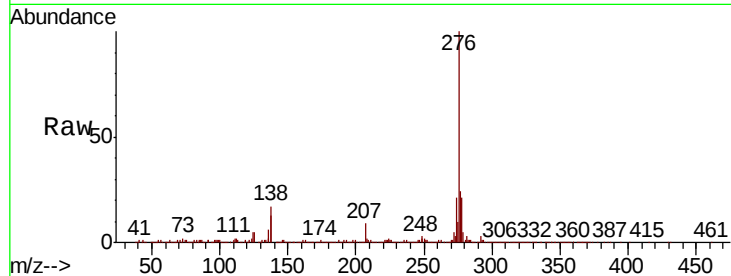
#93
Dibenzo(a,h)anthracene
Concen: 8.818 ng/ul
RT: 25.65 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Instrument :
BNA_M
ClientSampleId :
C0S87

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	22.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
8/3/2020 12:23:42 PM



#94
Benzo(g,h,i)perylene
Concen: 10.227 ng/ul
RT: 26.32 min Scan# 4009
Delta R.T. 0.00 min
Lab File: BM026963.D
Acq: 31 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.9	22.3
277	21.8	19.1	28.7

