

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028418.D
 Acq On : 18 Jan 2021 09:54
 Operator : CG/JU
 Sample : M1117-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFN61

Manual Integrations
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Quant Time: Jan 18 10:30:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 10:13:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	114953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	62430	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	120116	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	109312	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	109783	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	2562	3.67	ng/uL	0.00
5) Phenol-d5	7.23	99	53118	21.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31963	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	45457	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	43197	21.27	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	19787	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	22121	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	41001	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	40190	17.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	115337	23.27	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	144938	22.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	15785	17.00	ng/ul	0.00
58) Fluorene-d10	15.71	176	94491	22.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	13247	16.03	ng/ul	0.00
71) Anthracene-d10	17.55	188	137672	22.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	143940	22.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	145556	23.36	ng/ul	0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	7.22	77	4376	3.513	ng/ul	84
6) Phenol	7.26	94	7645	3.056	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	4480	1.020	ng/ul	94
45) Dimethylphthalate	14.17	163	8842	1.760	ng/ul	99
48) Acenaphthylene	14.45	152	18345	2.895	ng/ul	98
59) Fluorene	15.76	166	5249	1.056	ng/ul#	98
70) Phenanthrene	17.49	178	156800	21.142	ng/ul	99
72) Anthracene	17.59	178	34620	4.573	ng/ul	97
75) Carbazole	17.85	167	14550	2.261	ng/ul	94
76) Di-n-butylphthalate	18.39	149	9184	1.066	ng/ul#	96
77) Fluoranthene	19.49	202	305764	37.889	ng/ul	99
80) Pyrene	19.84	202	310260	36.688	ng/ul	98
83) Benzo(a)anthracene	21.56	228	155498	20.468	ng/ul	96
85) Chrysene	21.61	228	158890	21.570	ng/ul	96
88) Benzo(b)fluoranthene	23.20	252	203553	27.388	ng/ul#	93
89) Benzo(k)fluoranthene	23.24	252	69753m	9.586	ng/ul	
91) Benzo(a)pyrene	23.80	252	148868	21.695	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.27	276	111613	13.343	ng/ul	97
93) Dibenzo(a,h)anthracene	26.27	278	28719	4.074	ng/ul#	78
94) Benzo(g,h,i)perylene	27.01	276	133660	19.151	ng/ul	98

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

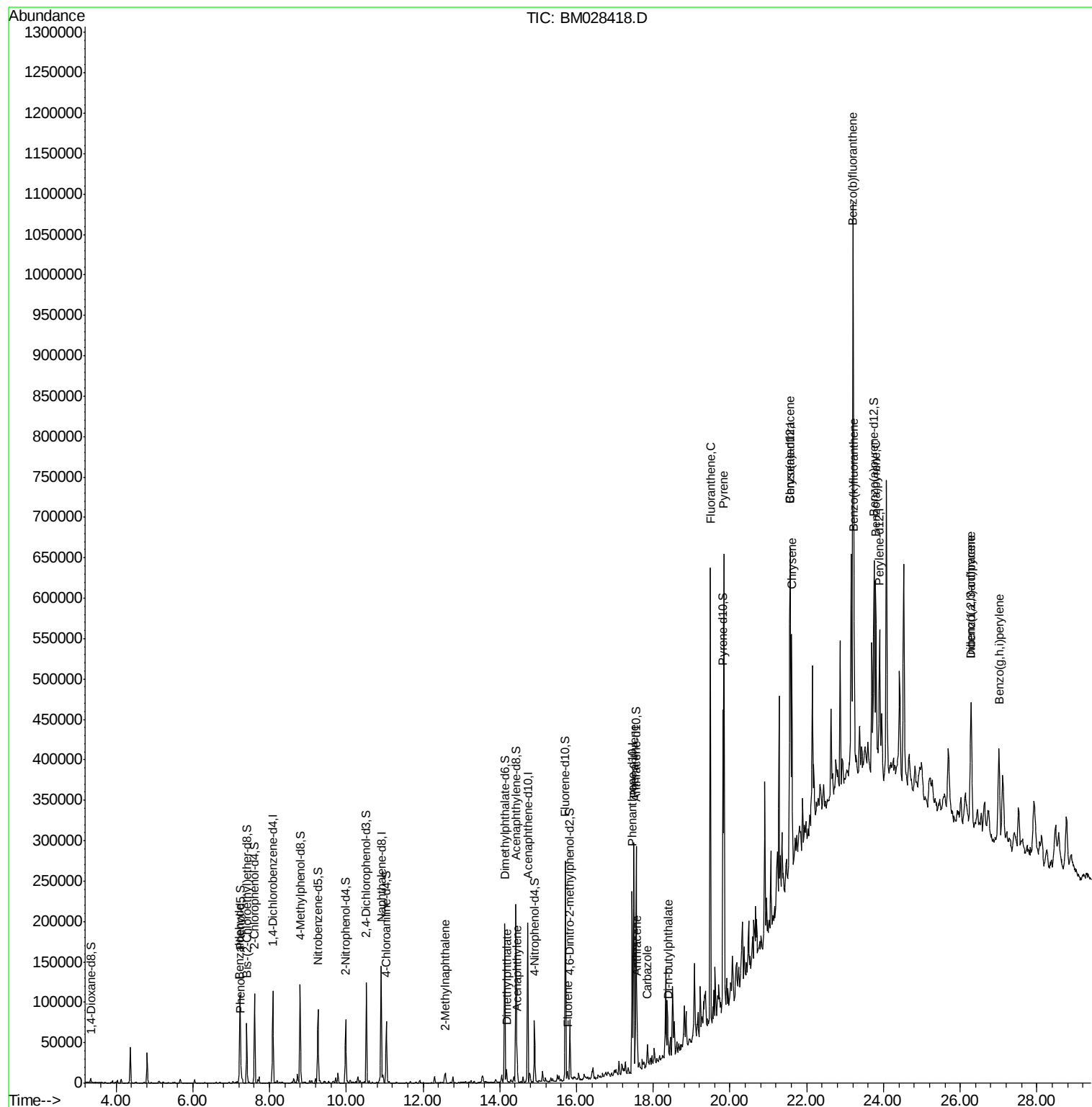
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

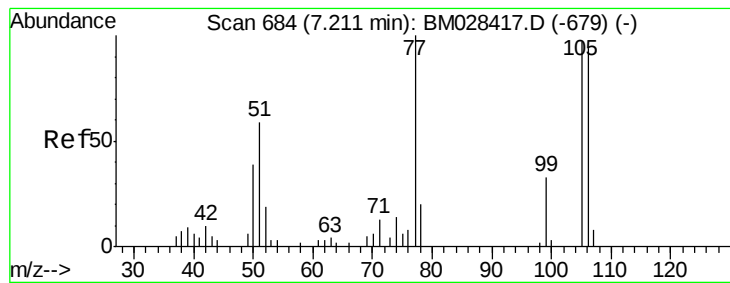
Instrument :
BNA_M
ClientSampled :
BFN61

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Quant Time: Jan 18 10:30:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 10:13:28 2021
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.513 ng/ul

RT: 7.22 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Instrument :

BNA_M

ClientSampleId :

BFN61

Tot Ion: 77 Resp: 4376

Ion Ratio Lower Upper

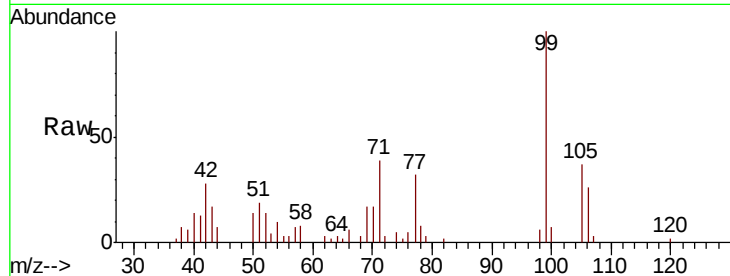
77 100

105 115.6 79.4 119.0

106 79.2 75.8 113.6

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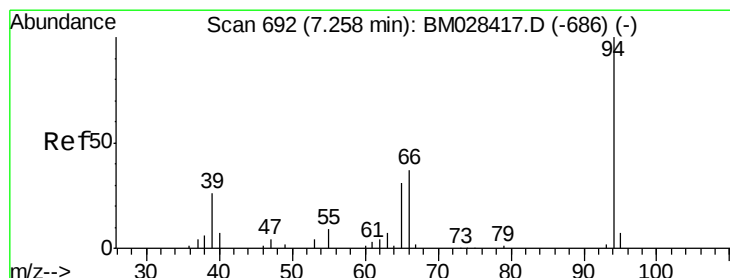
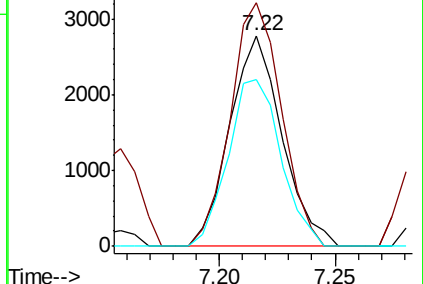
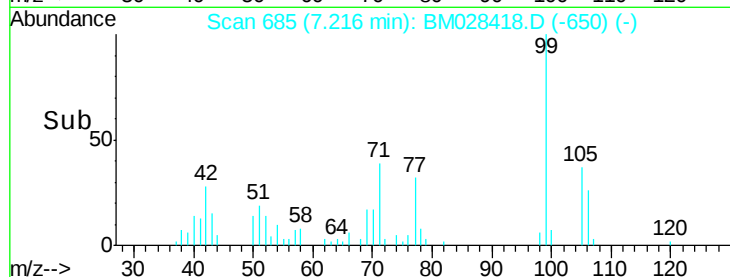
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Abundance Ion 77.00 (76.70 to 77.70): BM028418.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM028418.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM028418.D (-650) (-)



#6

Phenol

Concen: 3.056 ng/ul

RT: 7.26 min Scan# 692

Delta R.T. -0.00 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

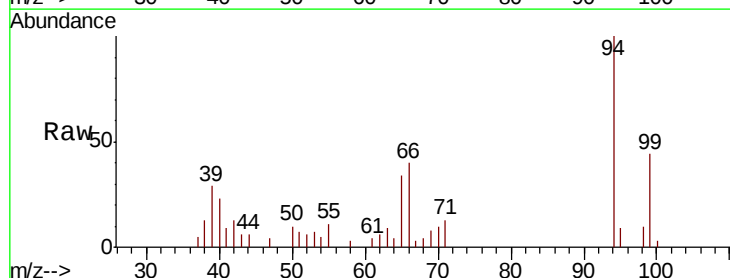
Tgt Ion: 94 Resp: 7645

Ion Ratio Lower Upper

94 100

65 34.4 25.6 38.4

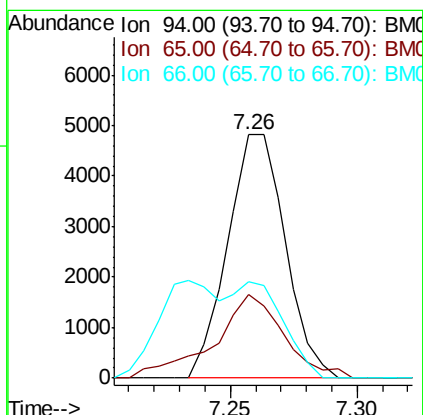
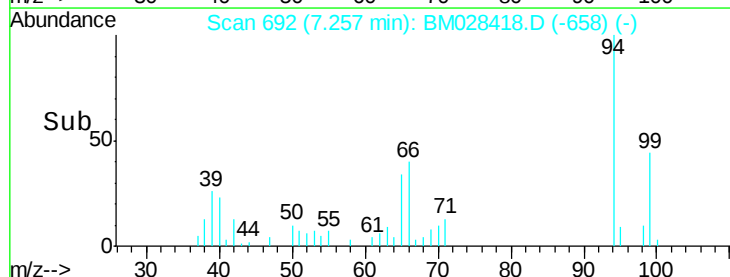
66 39.7 33.0 49.4

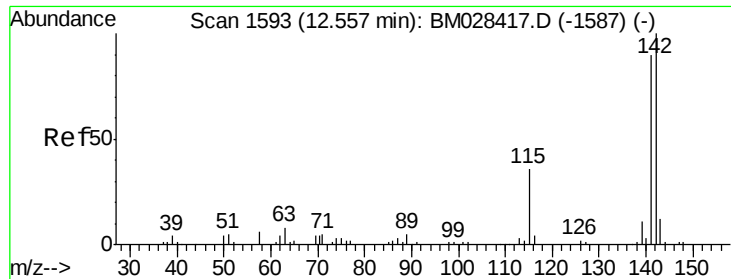


Abundance Ion 94.00 (93.70 to 94.70): BM028418.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM028418.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM028418.D (-658) (-)





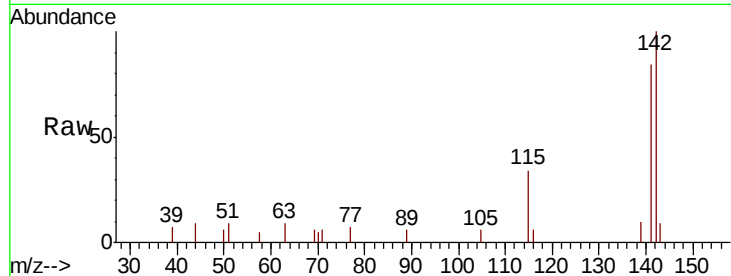
#34
2-Methylnaphthalene
Concen: 1.020 ng/ul
RT: 12.56 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Instrument :
BNA_M
ClientSampleId :
BFN61

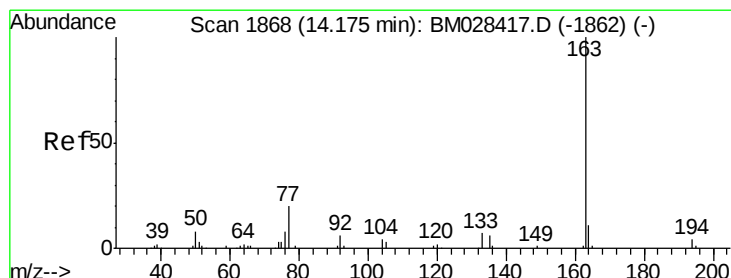
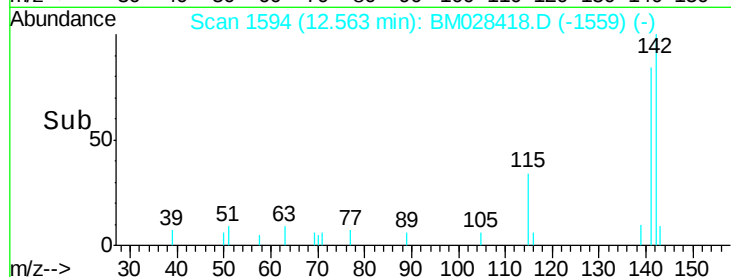
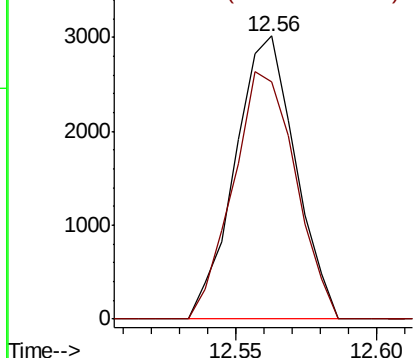
Tot Ion:142 Resp: 4480
Ion Ratio Lower Upper
142 100
141 84.1 71.9 107.9

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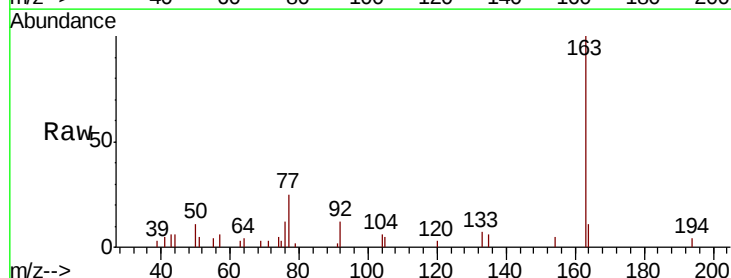


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

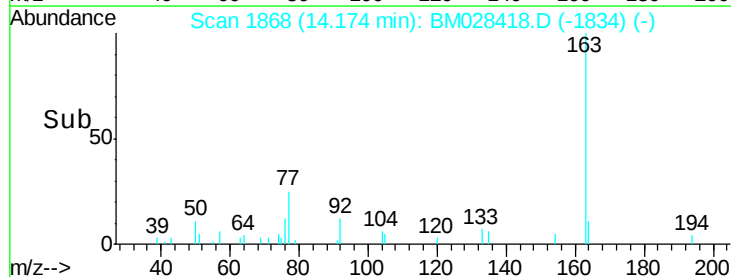
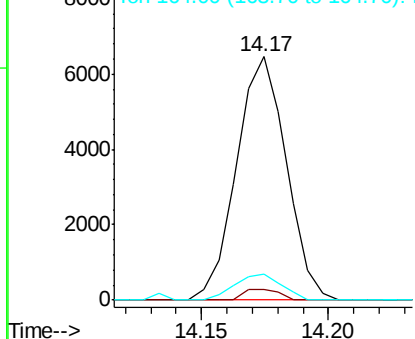


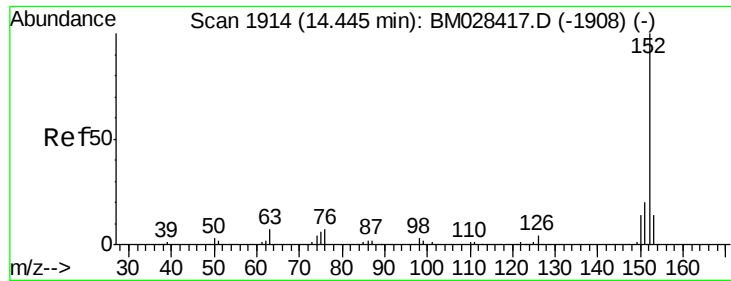
#45
Dimethylphthalate
Concen: 1.760 ng/ul
RT: 14.17 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Tgt Ion:163 Resp: 8842
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.8 8.2 12.2



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: 2.895 ng/ul

RT: 14.45 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Instrument :

BNA_M

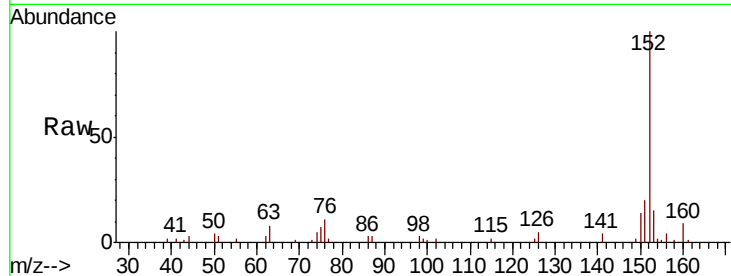
ClientSampleId :

BFN61

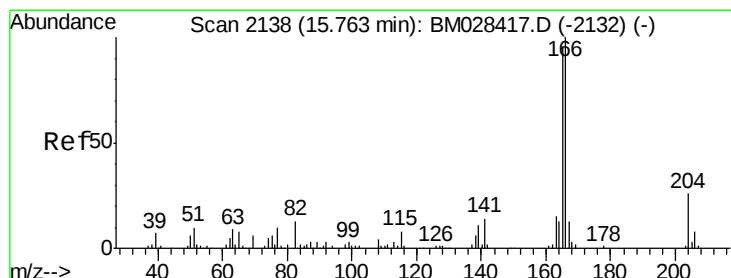
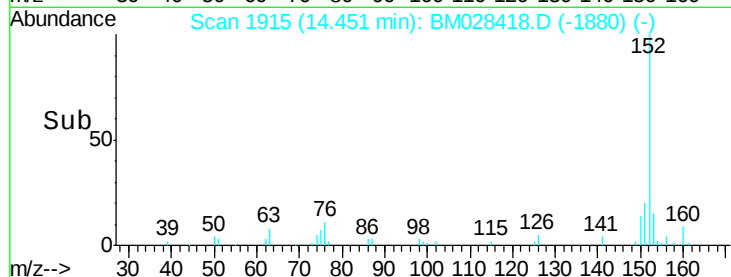
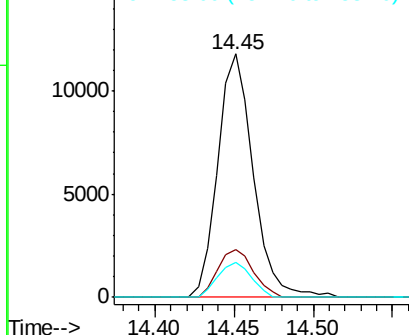
Tot Ion:	152	Resp:	18345
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.4	23.0
153	14.5	10.4	15.6

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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



#59

Fluorene

Concen: 1.056 ng/ul

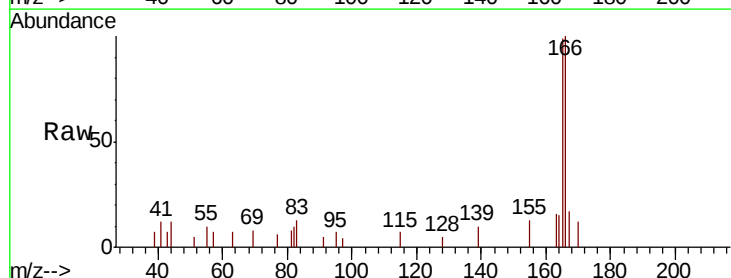
RT: 15.76 min Scan# 2138

Delta R.T. -0.00 min

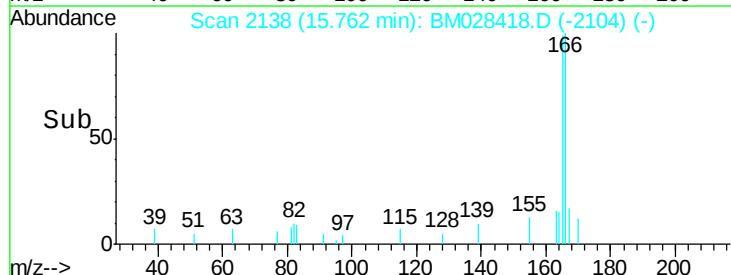
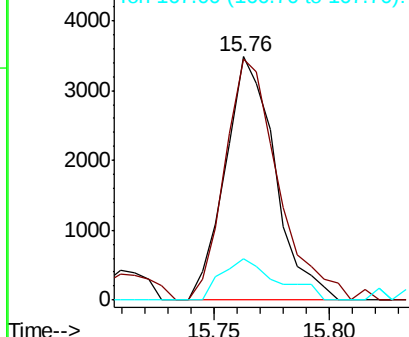
Lab File: BM028418.D

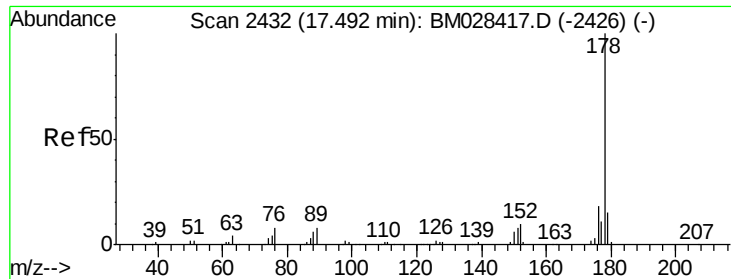
Acq: 18 Jan 2021 09:54

Tgt Ion:	166	Resp:	5249
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.0	117.0
167	16.7	11.0	16.4#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





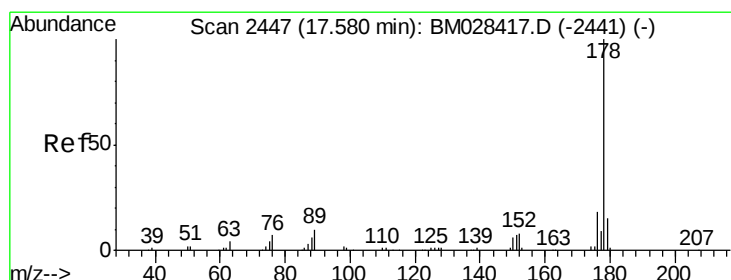
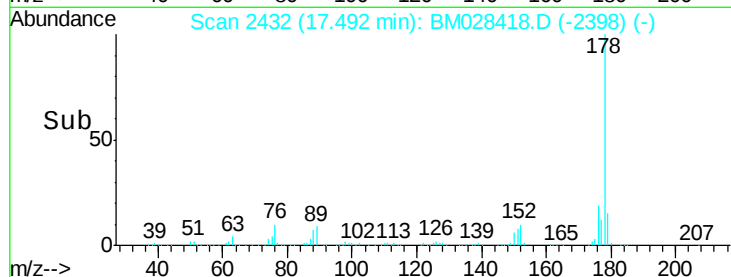
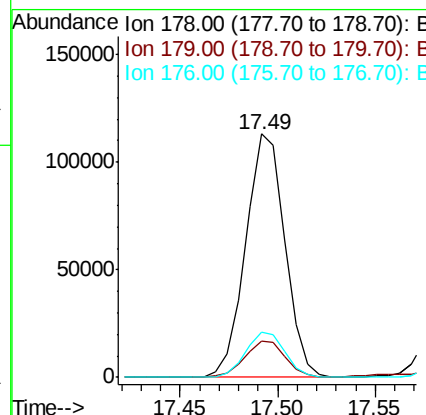
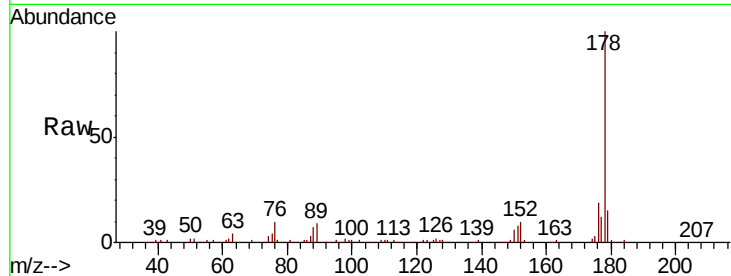
#70
Phenanthrene
Concen: 21.142 ng/ul
RT: 17.49 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.7	14.6	22.0

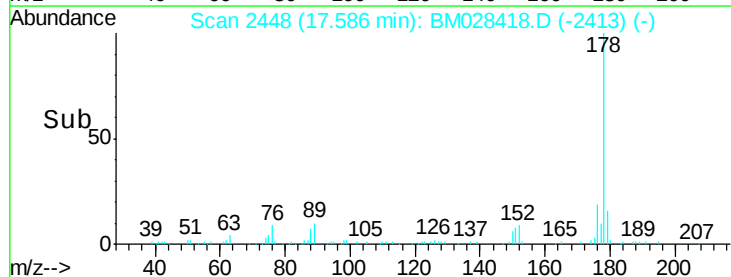
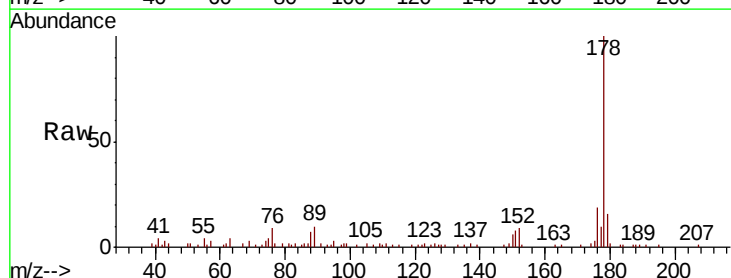
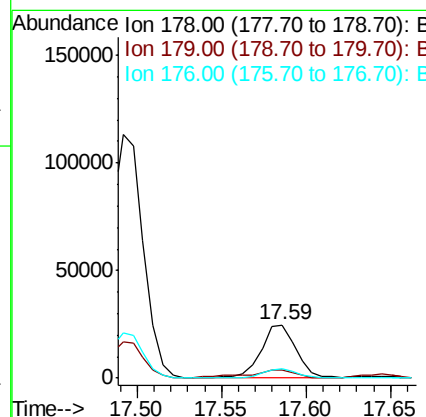
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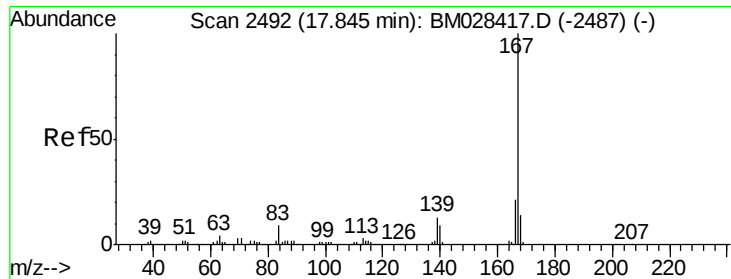
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#72
Anthracene
Concen: 4.573 ng/ul
RT: 17.59 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	18.5	14.2	21.2





#75

Carbazole

Concen: 2.261 ng/ul

RT: 17.85 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Instrument :

BNA_M

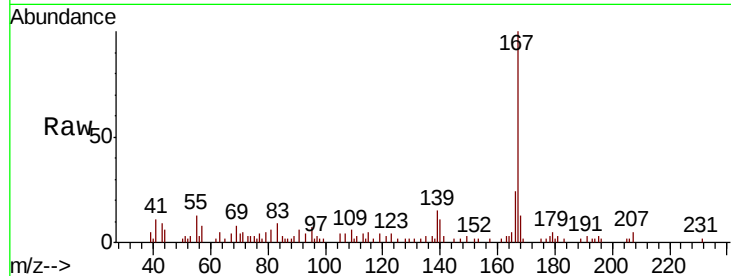
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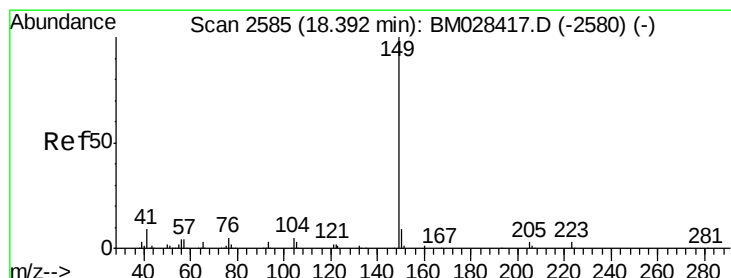
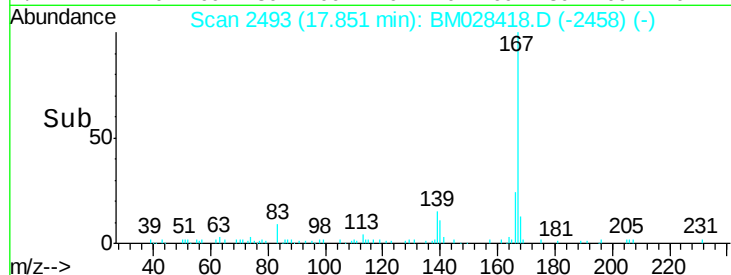
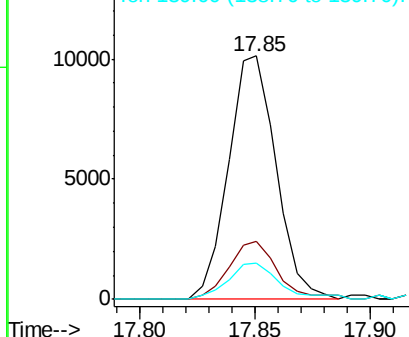
Tot Ion:	167	Resp:	14550
Ion Ratio	Lower	Upper	
167	100		
166	23.6	16.7	25.1
139	14.9	10.2	15.4

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 1.066 ng/ul

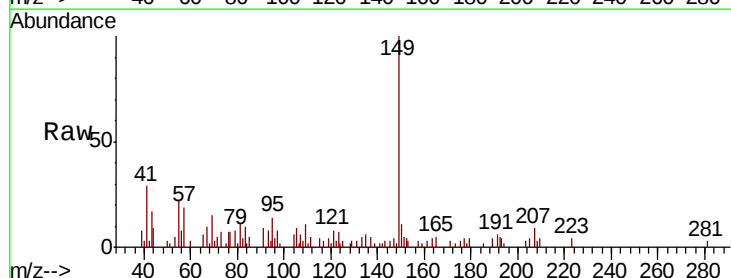
RT: 18.39 min Scan# 2585

Delta R.T. -0.00 min

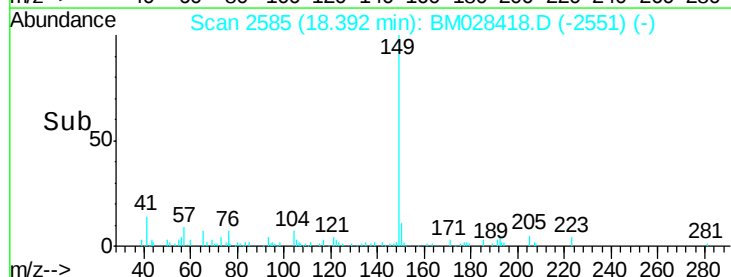
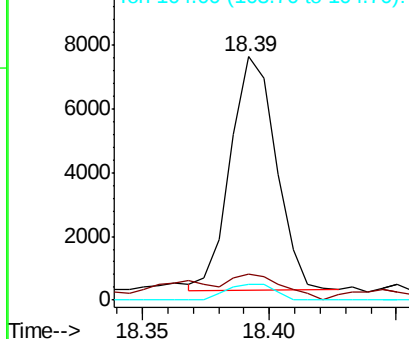
Lab File: BM028418.D

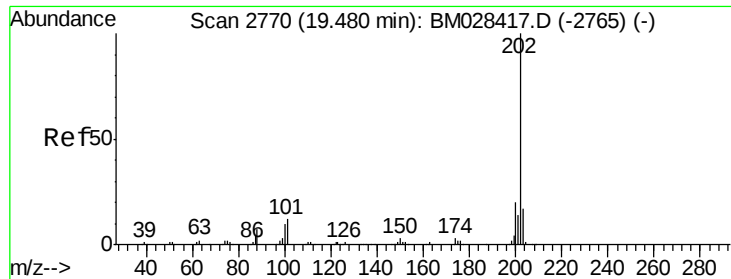
Acq: 18 Jan 2021 09:54

Tgt Ion:	149	Resp:	9184
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.6	11.4
104	6.3	4.0	6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





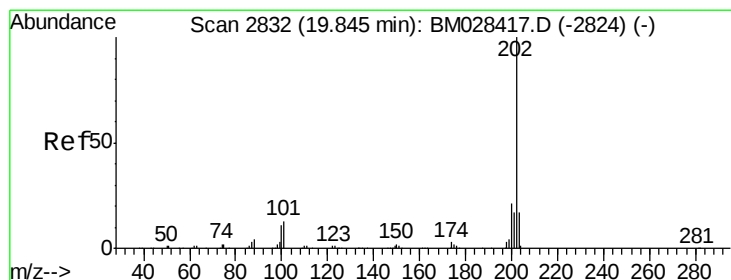
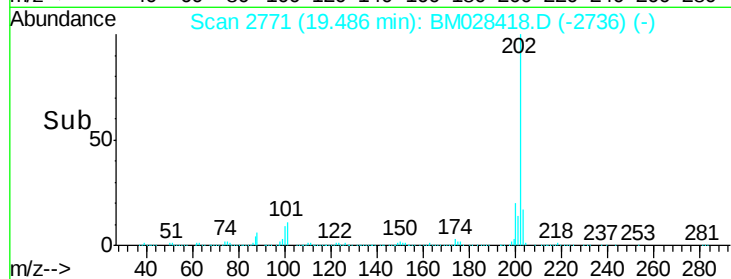
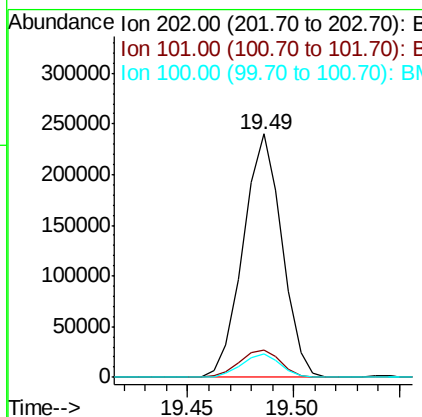
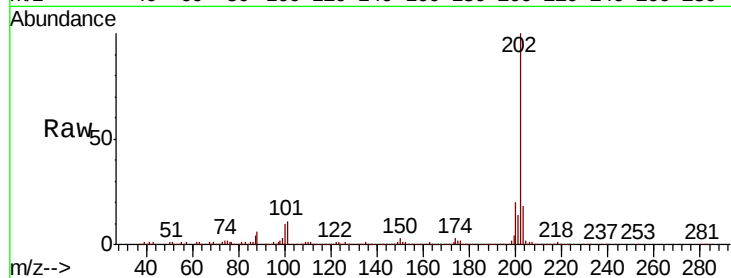
#77
Fluoranthene
 Concen: 37.889 ng/ul
 RT: 19.49 min Scan# 2771
 Delta R.T. 0.01 min
 Lab File: BM028418.D
 Acq: 18 Jan 2021 09:54

Instrument :
 BNA_M
 ClientSampleId :
 BFN61

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.5	7.0	10.6

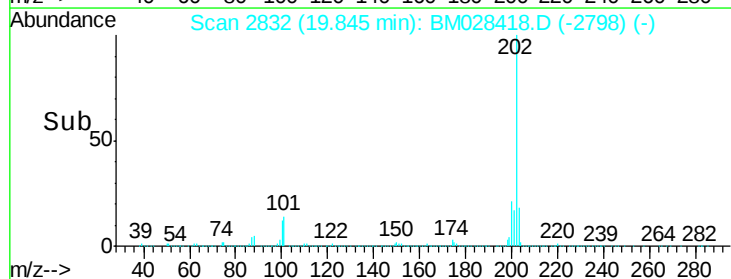
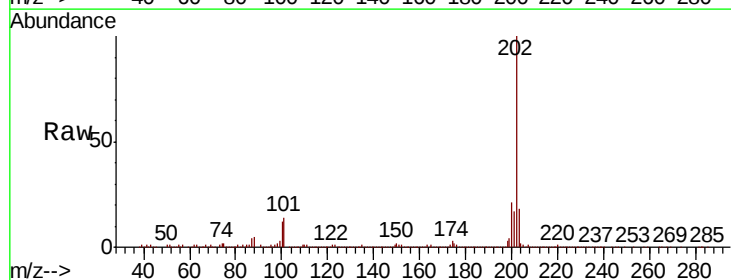
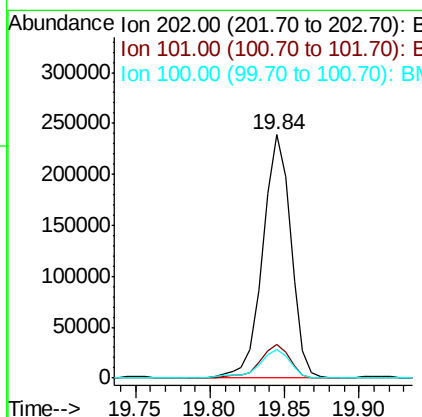
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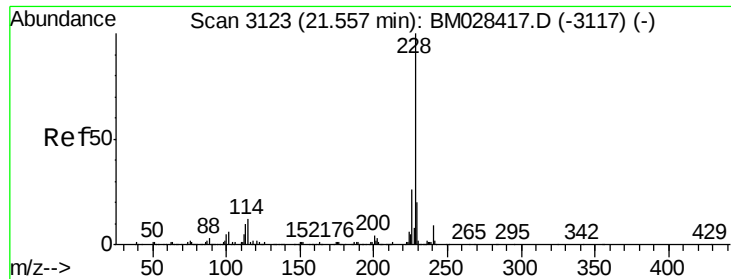
mohammad
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#80
Pyrene
 Concen: 36.688 ng/ul
 RT: 19.84 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM028418.D
 Acq: 18 Jan 2021 09:54

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	10.6	15.8
100	11.8	8.9	13.3





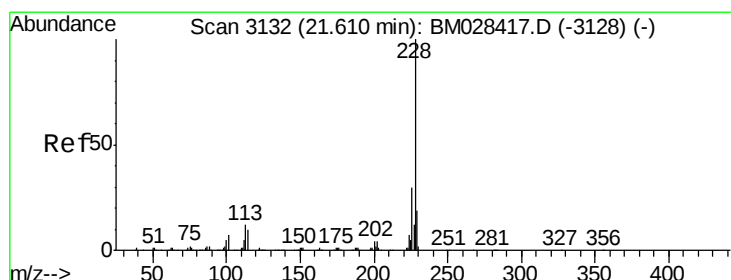
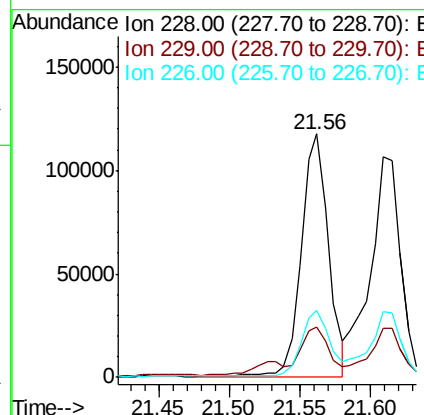
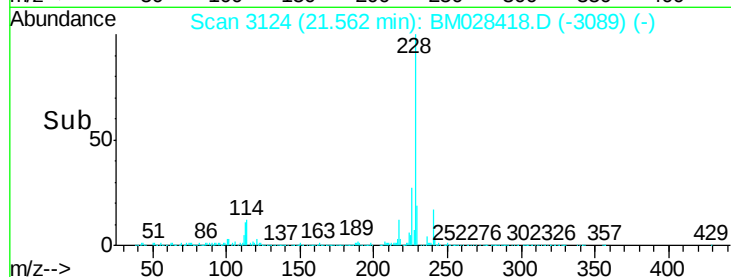
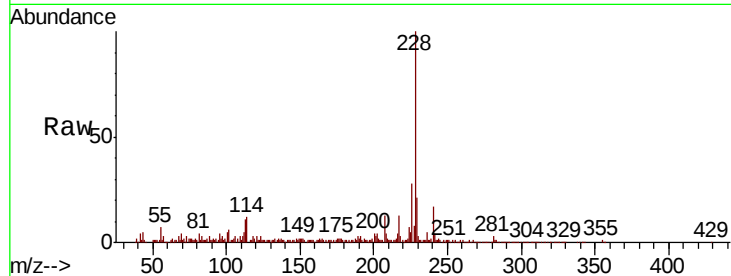
#83
Benzo(a)anthracene
Concen: 20.468 ng/ul
RT: 21.56 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Instrument :
BNA_M
ClientSampleId :
BFN61

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	27.7	20.6	30.8

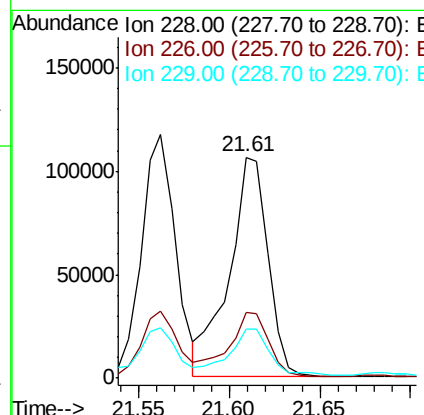
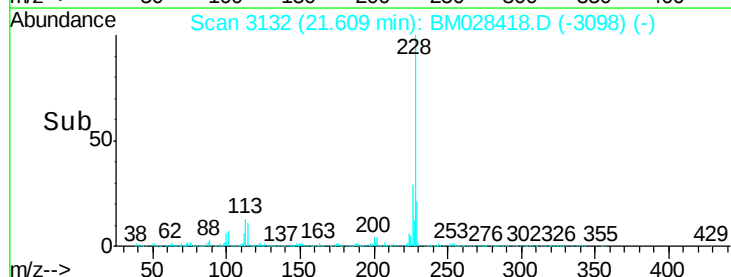
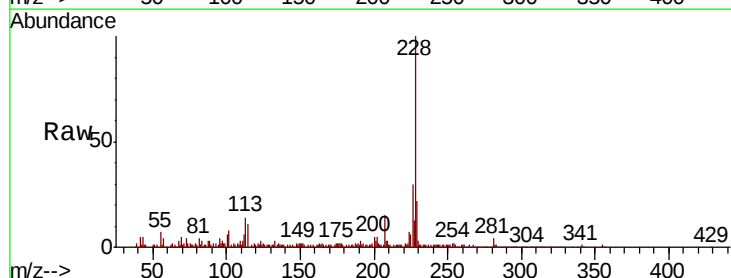
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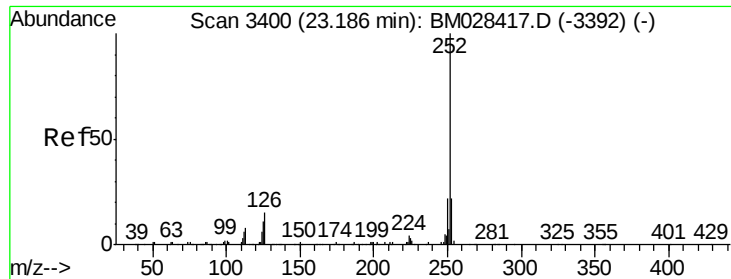
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#85
Chrysene
Concen: 21.570 ng/ul
RT: 21.61 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	22.4	15.7	23.5





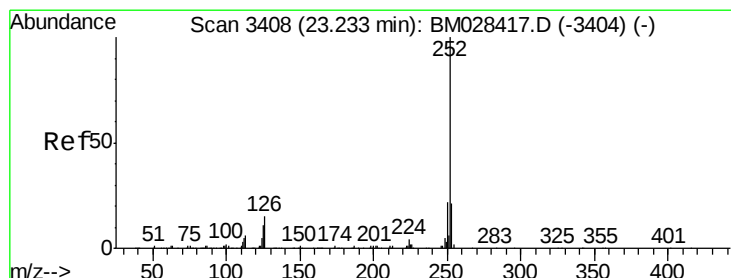
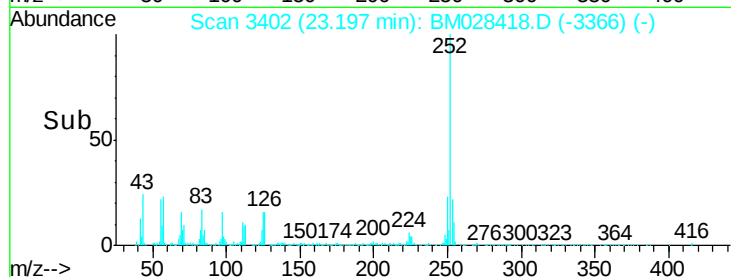
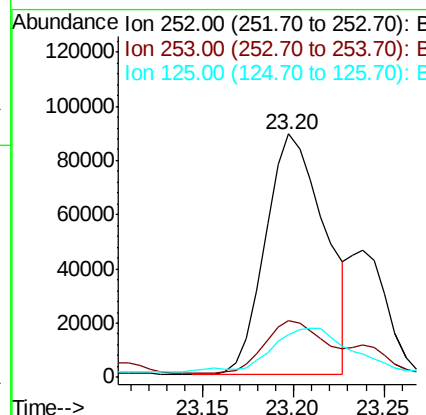
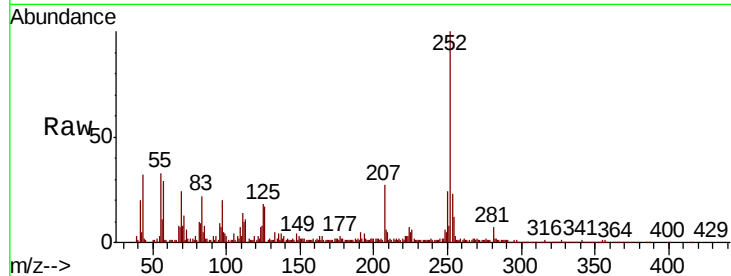
#88
Benzo(b)fluoranthene
Concen: 27.388 ng/ul
RT: 23.20 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Instrument :
BNA_M
ClientSampleId :
BFN61

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	17.7	8.6	12.8

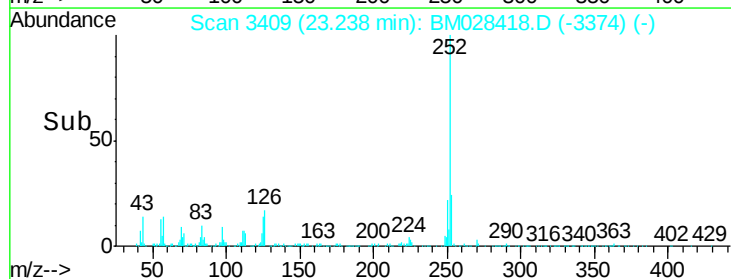
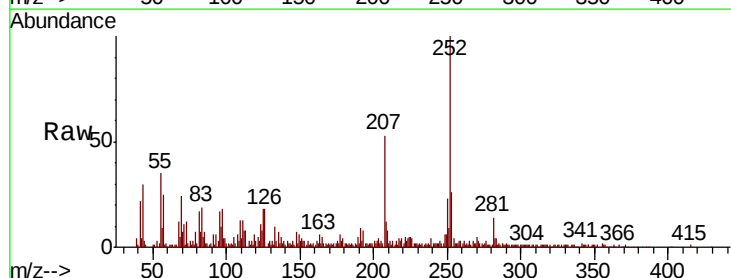
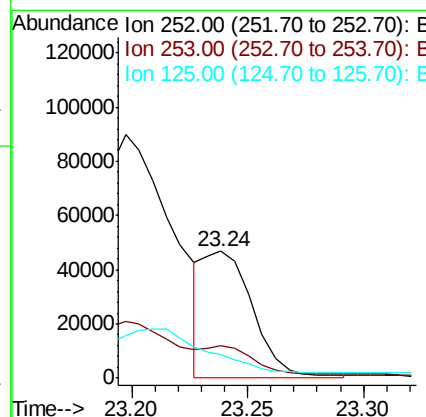
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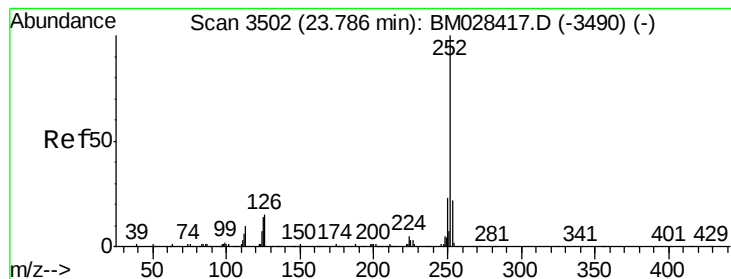
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#89
Benzo(k)fluoranthene
Concen: 9.586 ng/ul m
RT: 23.24 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BM028418.D
Acq: 18 Jan 2021 09:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	18.0	9.7	14.5





#91

Benzo(a)pyrene

Concen: 21.695 ng/ul

RT: 23.80 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Instrument :

BNA_M

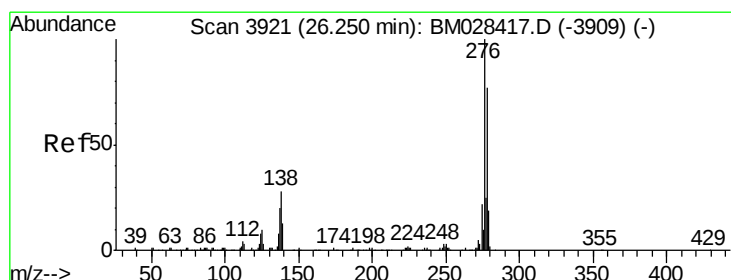
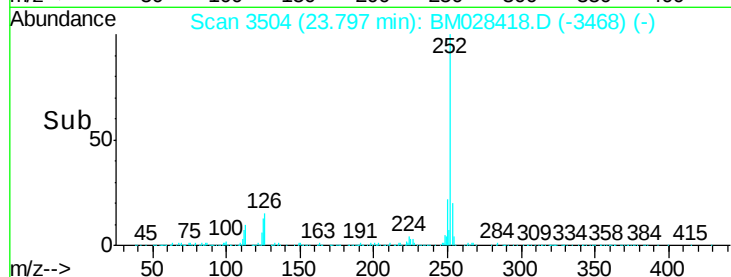
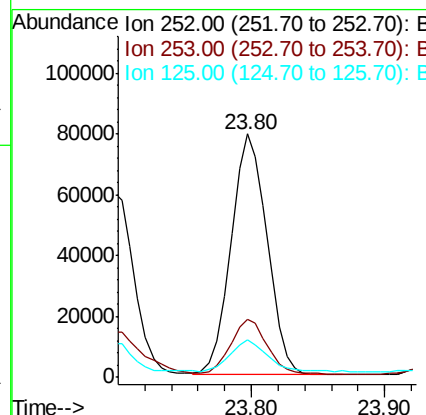
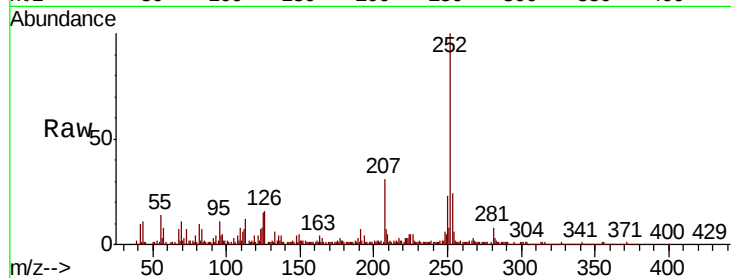
ClientSampled :

BFN61

Tot Ion:	252	Resp:	148868
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	15.2	10.0	15.0#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 13.343 ng/ul

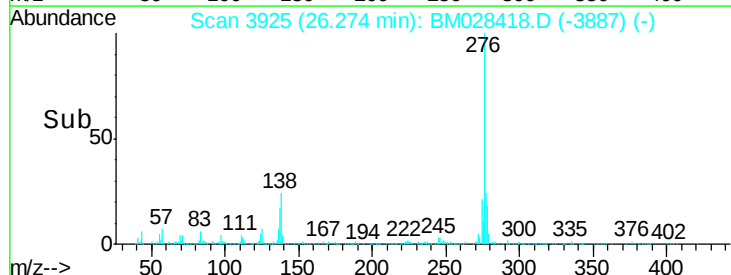
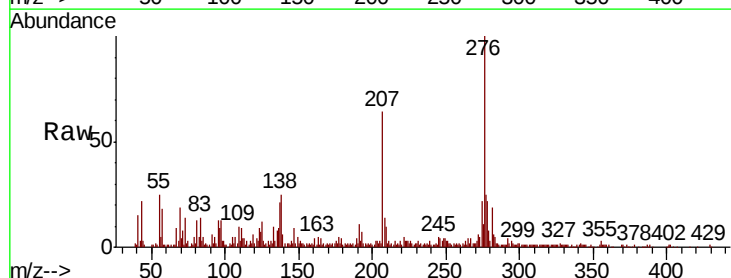
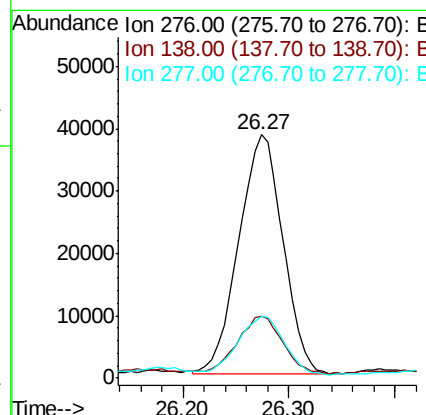
RT: 26.27 min Scan# 3925

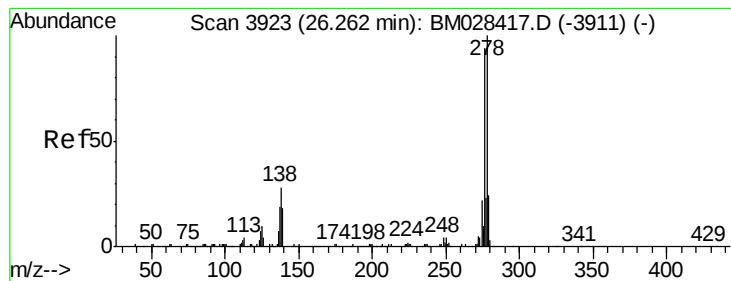
Delta R.T. 0.02 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Tgt Ion:	276	Resp:	111613
Ion Ratio	Lower	Upper	
276	100		
138	25.3	22.2	33.4
277	25.2	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 4.074 ng/ul

RT: 26.27 min Scan# 3925

Delta R.T. 0.01 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Instrument :

BNA_M

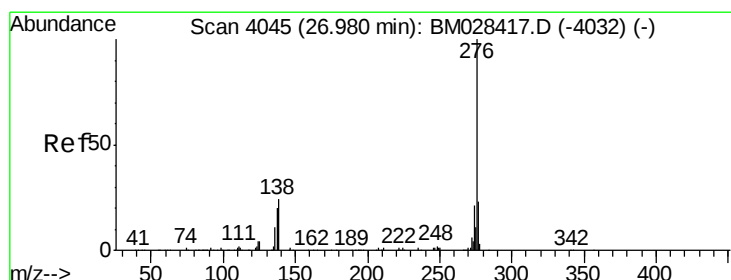
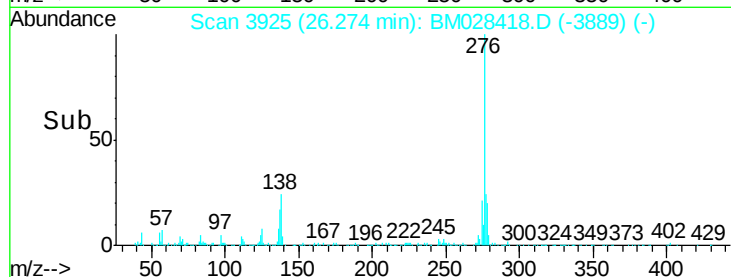
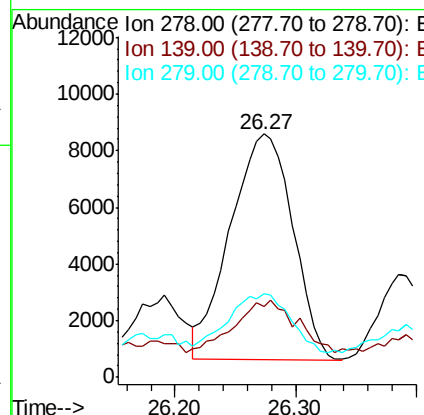
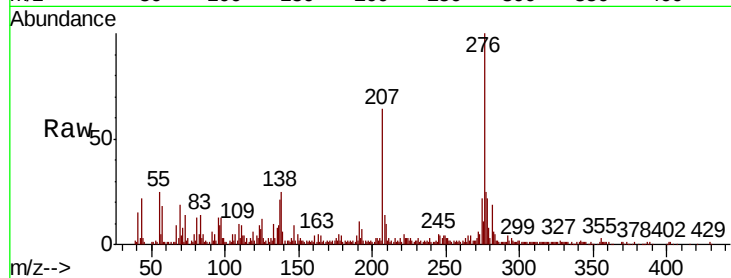
ClientSampled :

BFN61

Tot Ion:	278	Resp:	28719
Ion Ratio	Lower	Upper	
278	100		
139	29.0	14.5	21.7#
279	34.2	19.3	28.9#

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#94

Benzo(g,h,i)perylene

Concen: 19.151 ng/ul

RT: 27.01 min Scan# 4051

Delta R.T. 0.03 min

Lab File: BM028418.D

Acq: 18 Jan 2021 09:54

Tgt Ion:	276	Resp:	133660
Ion Ratio	Lower	Upper	
276	100		
138	24.1	18.5	27.7
277	23.8	18.6	27.8

