

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024908.D
 Acq On : 17 Feb 2020 16:16
 Operator : CG/JU
 Sample : L1486-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCT6

Manual Integrations
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Quant Time: Feb 18 00:39:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 06:02:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	269644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	985459	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.04	164	610674	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1303362	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1355631	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1437030	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	9887	1.76	ng/uL	0.00
5) Phenol-d5	6.60	99	149058	8.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	425096	42.02	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	477165	29.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	275218	18.21	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	285478	40.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	326136	38.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	551395	32.46	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	50543	3.18	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	1692402	36.71	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2083382	38.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	48713	6.50	ng/ul	0.00
58) Fluorene-d10	15.04	176	1530695	37.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	277644	32.68	ng/ul	0.00
71) Anthracene-d10	16.90	188	2367158	39.78	ng/ul	0.00
79) Pyrene-d10	19.20	212	2708979	39.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2981723	41.31	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.62	94	18973	1.006	ng/ul#	94
28) Naphthalene	10.20	128	47320846m	939.819	ng/ul	
34) 2-Methylnaphthalene	11.83	142	8852698	238.684	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	2911326	64.579	ng/ul#	98
45) Dimethylphthalate	13.52	163	110890	2.306	ng/ul	98
48) Acenaphthylene	13.76	152	106427	1.909	ng/ul#	84
50) Acenaphthene	14.12	153	12921180	343.125	ng/ul	98
54) Dibenzofuran	14.46	168	12518449	223.011	ng/ul	98
59) Fluorene	15.10	166	3538284	76.482	ng/ul	98
70) Phenanthrene	16.84	178	12662552	178.181	ng/ul	95
72) Anthracene	16.93	178	492149	6.829	ng/ul	98
75) Carbazole	17.21	167	6996880	116.530	ng/ul	99
77) Fluoranthene	18.87	202	2143720	24.573	ng/ul#	96
80) Pyrene	19.23	202	1128880	12.580	ng/ul#	95

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

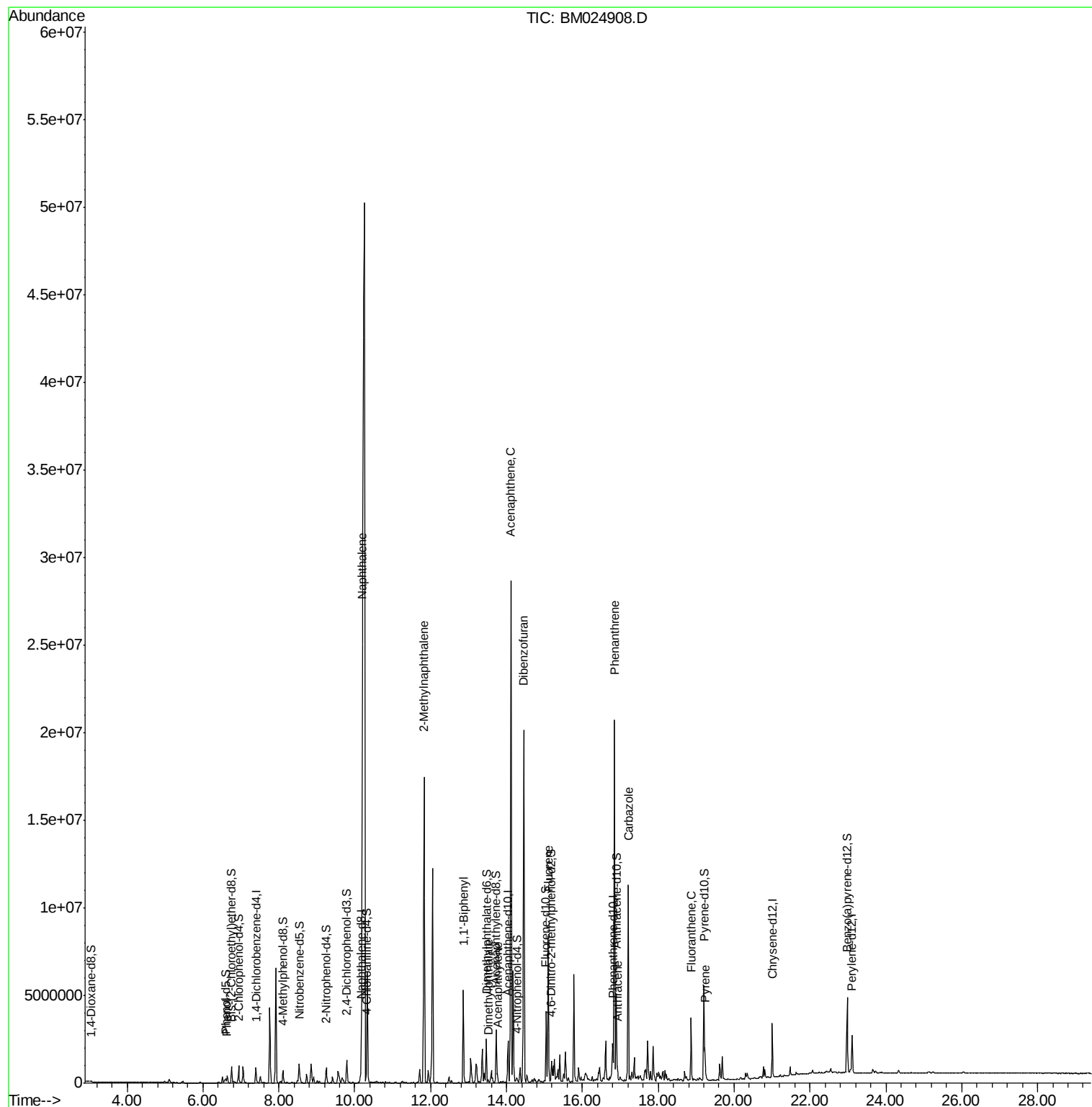
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024908.D
Acq On : 17 Feb 2020 16:16
Operator : CG/JU
Sample : L1486-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

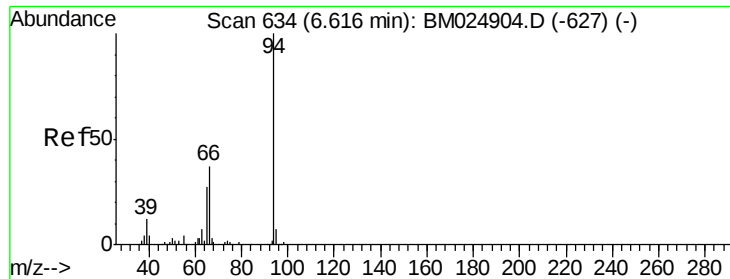
Instrument :
BNA_M
ClientSampleId :
DBCT6

Quant Time: Feb 18 00:39:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration

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#6

Phenol

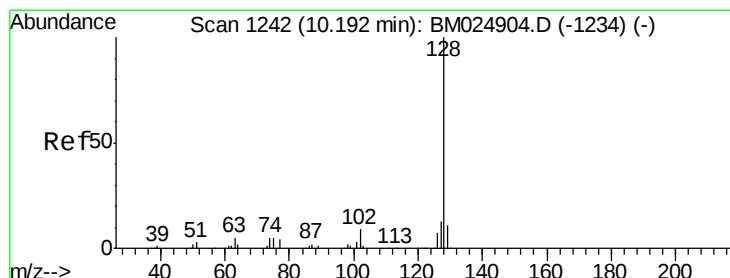
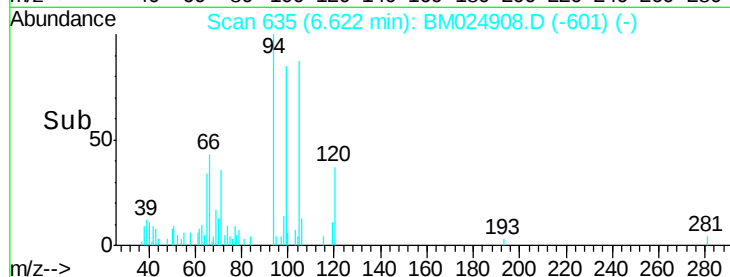
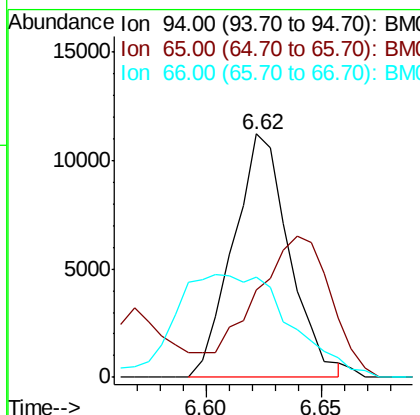
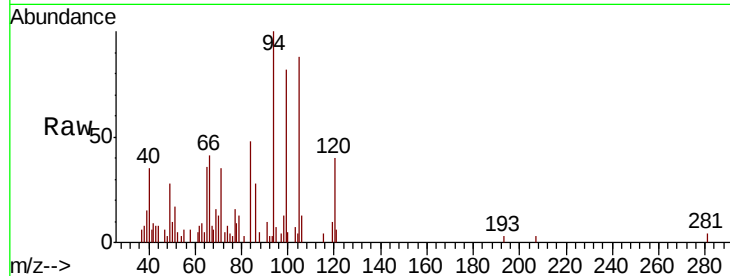
Concen: 1.006 ng/ul
 RT: 6.62 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BM024908.D
 Acq: 17 Feb 2020 16:16

Instrument :
 BNA_M
 ClientSampled :
 DBCT6

Tot Ion	Ratio	Lower	Upper
94	100		
65	36.0	22.6	34.0#
66	41.1	33.0	49.4

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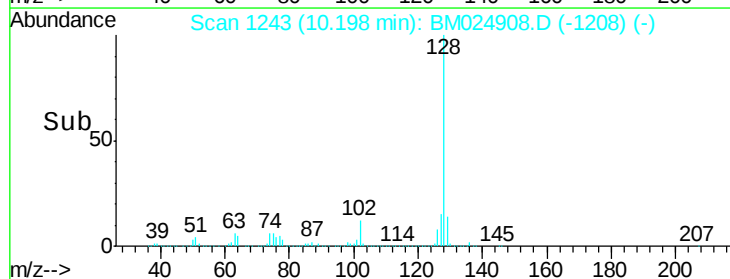
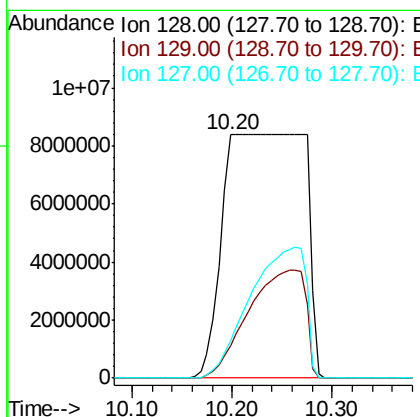
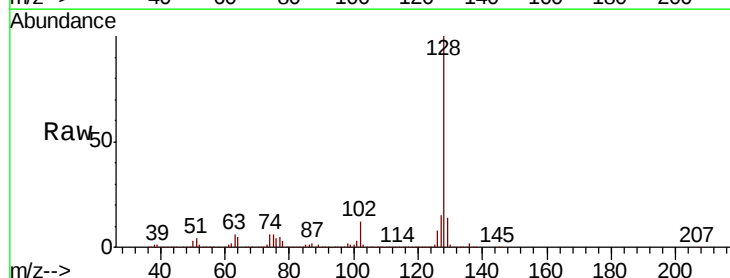


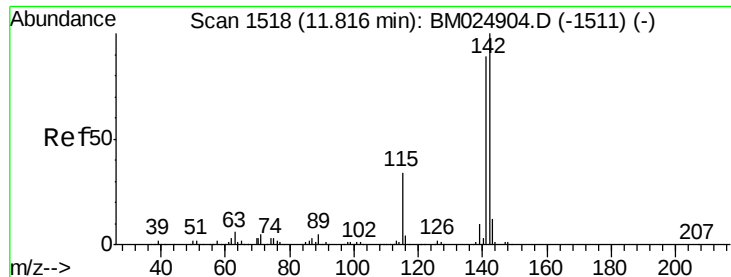
#28

Naphthalene

Concen: 939.819 ng/ul m
 RT: 10.20 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BM024908.D
 Acq: 17 Feb 2020 16:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	15.2	10.4	15.6





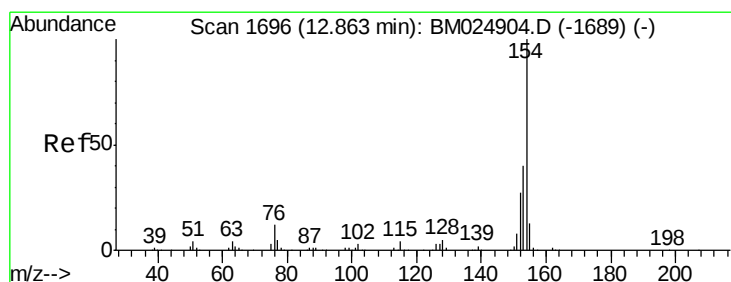
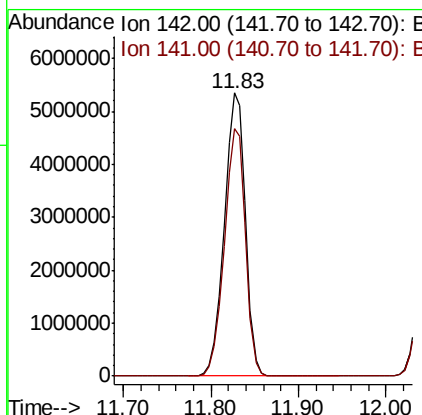
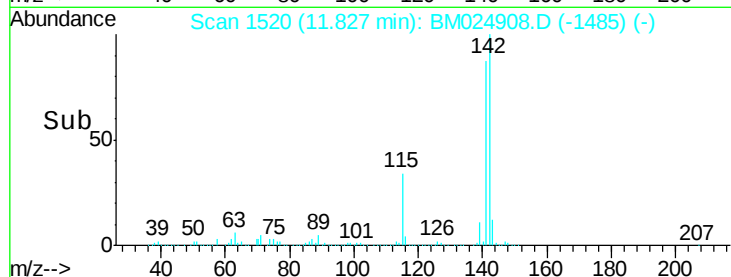
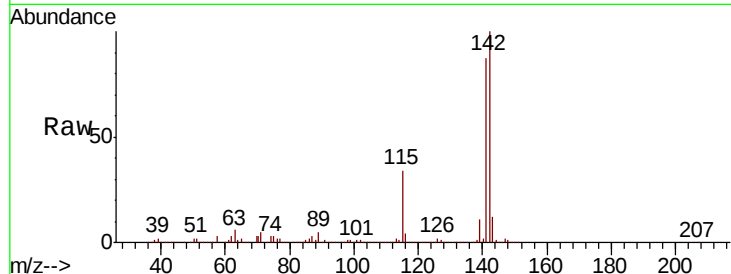
#34
2-Methylnaphthalene
Concen: 238.684 ng/ul
RT: 11.83 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BM024908.D
Acq: 17 Feb 2020 16:16

Instrument :
BNA_M
ClientSampleId :
DBCT6

Tot Ion:142 Resp: 8852698
Ion Ratio Lower Upper
142 100
141 87.5 70.5 105.7

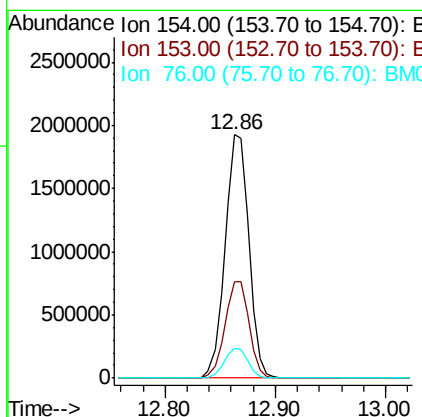
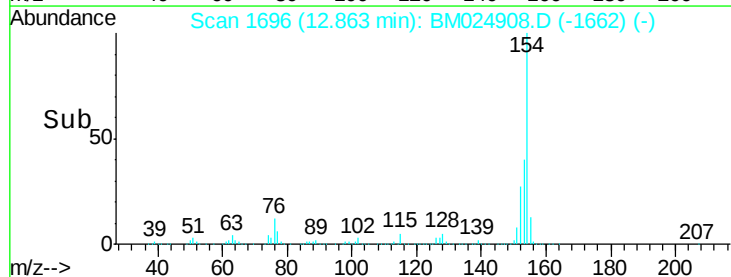
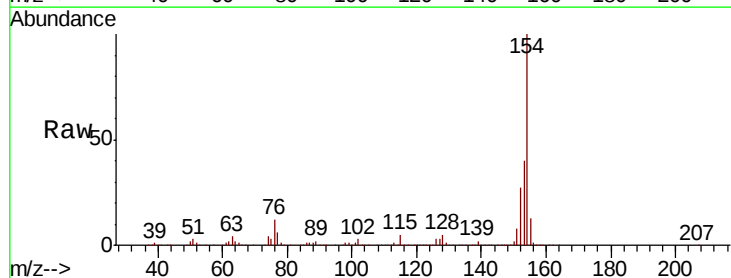
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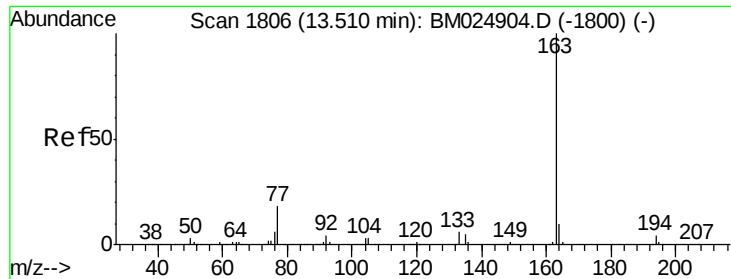
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#41
1,1'-Biphenyl
Concen: 64.579 ng/ul
RT: 12.86 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM024908.D
Acq: 17 Feb 2020 16:16

Tgt Ion:154 Resp: 2911326
Ion Ratio Lower Upper
154 100
153 39.8 31.4 47.2
76 12.2 7.5 11.3#





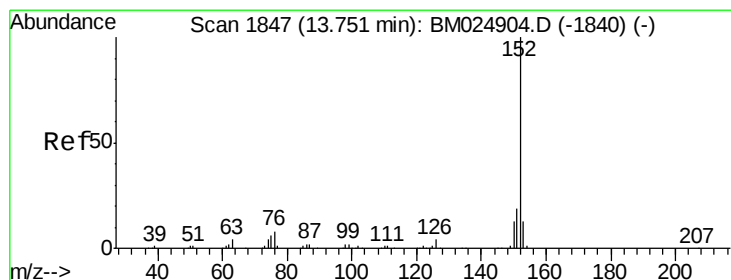
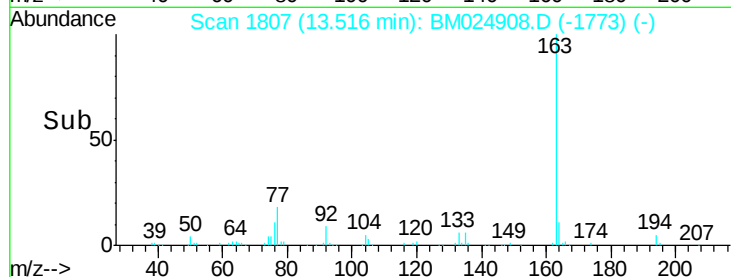
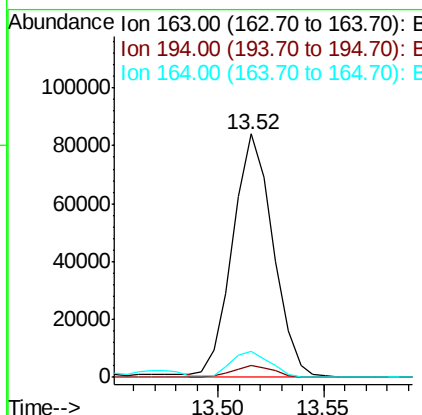
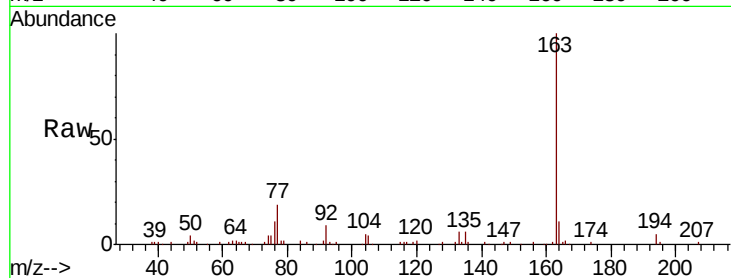
#45
Dimethylphthalate
Concen: 2.306 ng/ul
RT: 13.52 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BM024908.D
Acq: 17 Feb 2020 16:16

Instrument :
BNA_M
ClientSampled :
DBCT6

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	10.8	8.2	12.2

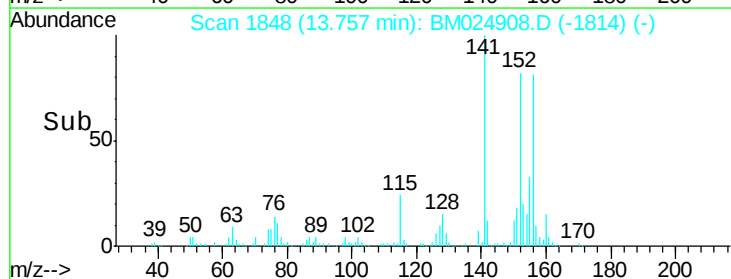
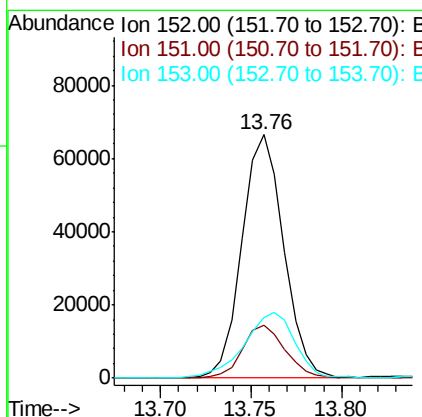
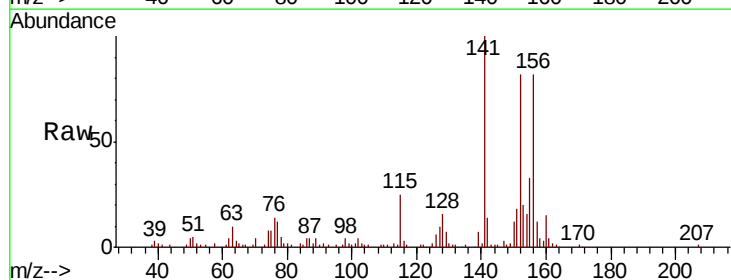
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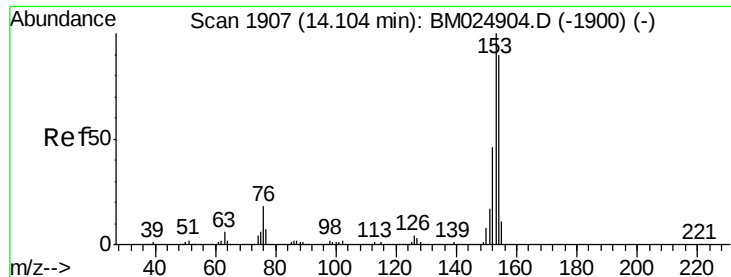
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#48
Acenaphthylene
Concen: 1.909 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM024908.D
Acq: 17 Feb 2020 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.1	22.7
153	24.8	10.1	15.1#





#50

Acenaphthene

Concen: 343.125 ng/ul

RT: 14.12 min Scan# 1910

Delta R.T. 0.02 min

Lab File: BM024908.D

Acq: 17 Feb 2020 16:16

Instrument :

BNA_M

ClientSampleId :

DBCT6

Tot Ion:153 Resp:12921180

Ion Ratio Lower Upper

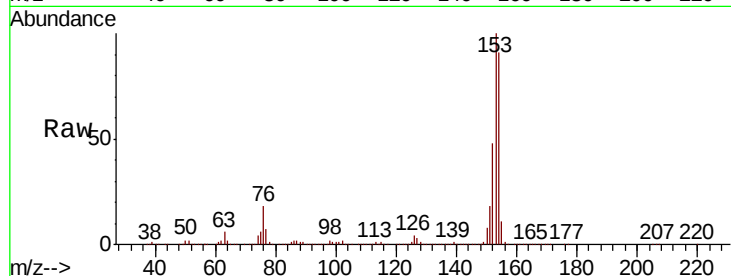
153 100

152 47.8 37.3 55.9

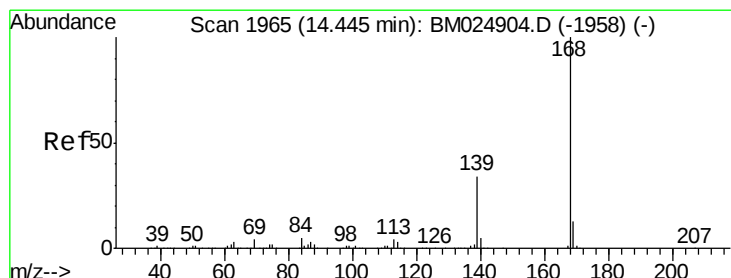
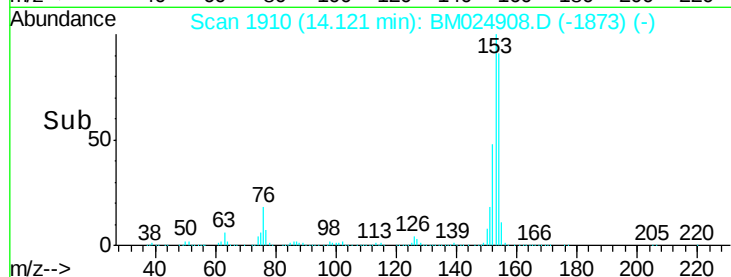
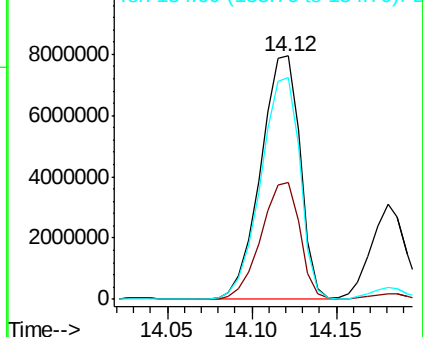
154 91.2 74.1 111.1

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 223.011 ng/ul

RT: 14.46 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BM024908.D

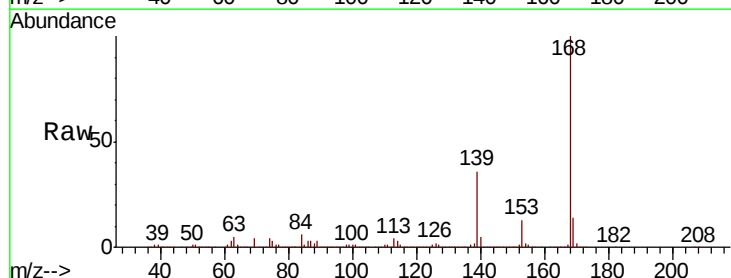
Acq: 17 Feb 2020 16:16

Tgt Ion:168 Resp:12518449

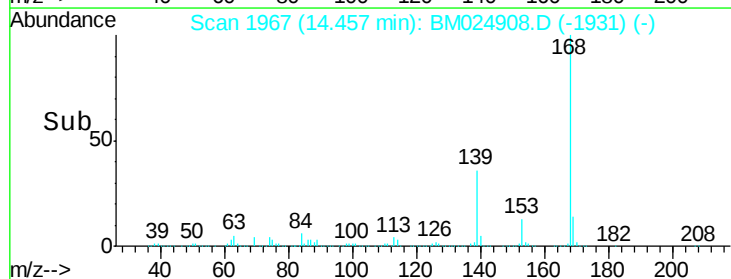
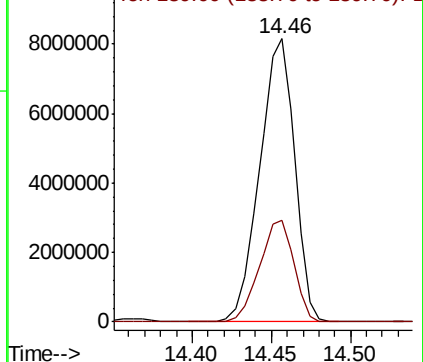
Ion Ratio Lower Upper

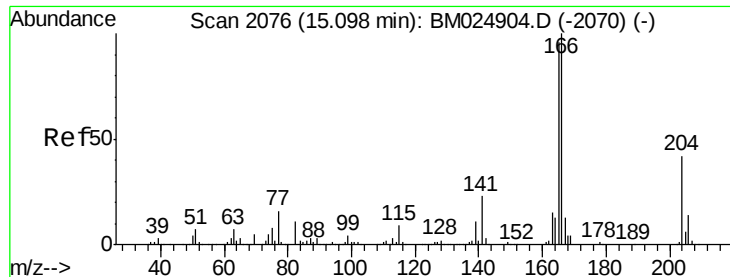
168 100

139 36.1 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 76.482 ng/ul

RT: 15.10 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BM024908.D

Acq: 17 Feb 2020 16:16

Instrument :

BNA_M

ClientSampleId :

DBCT6

Tot Ion:166 Resp: 3538284

Ion Ratio Lower Upper

166 100

165 96.4 75.8 113.8

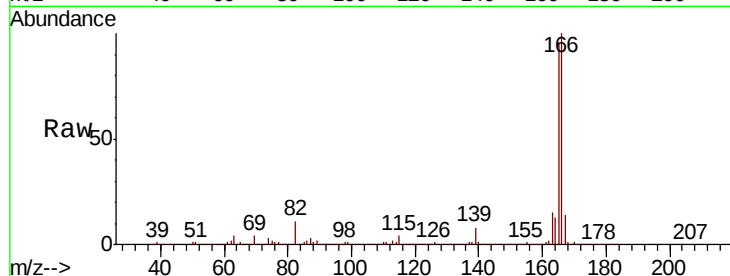
167 14.2 10.6 16.0

Manual Integrations

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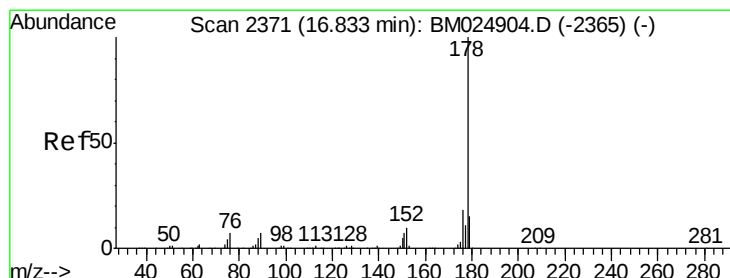
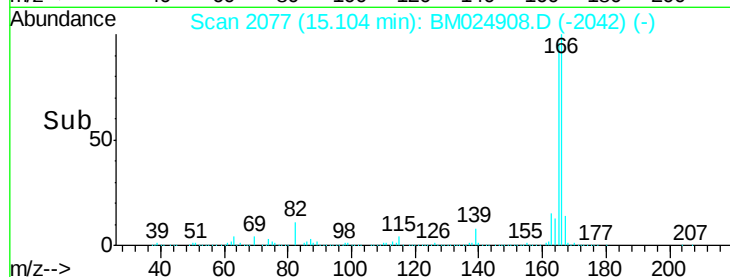
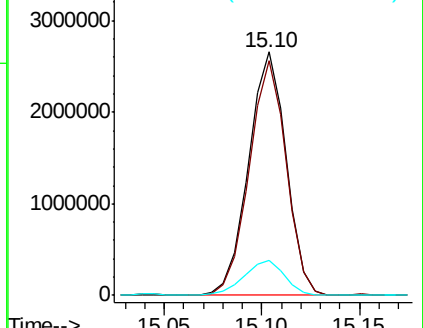
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 178.181 ng/ul

RT: 16.84 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BM024908.D

Acq: 17 Feb 2020 16:16

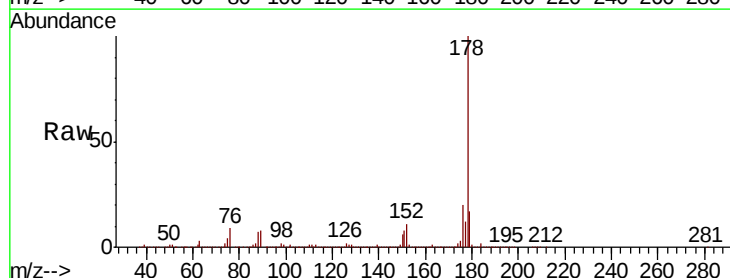
Tgt Ion:178 Resp:12662552

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.2

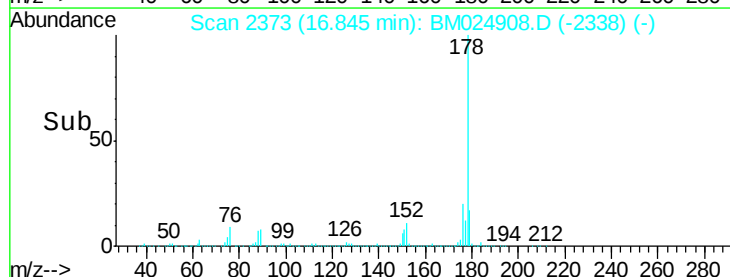
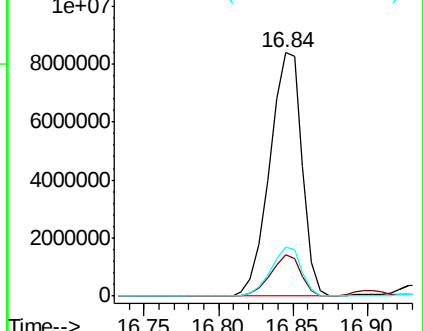
176 20.3 14.5 21.7

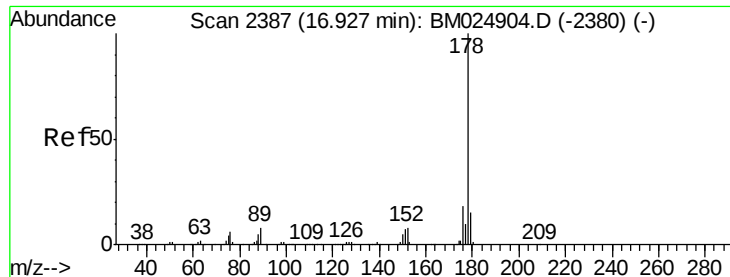


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





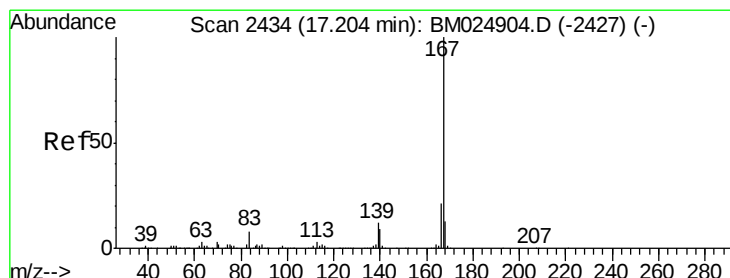
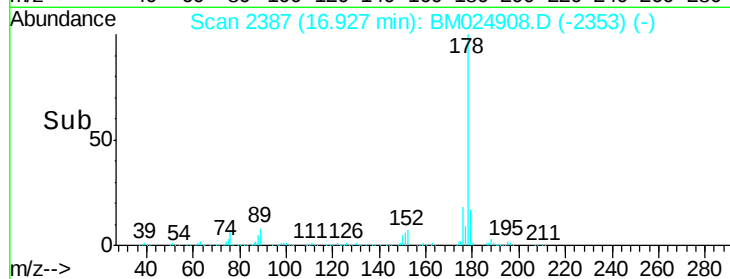
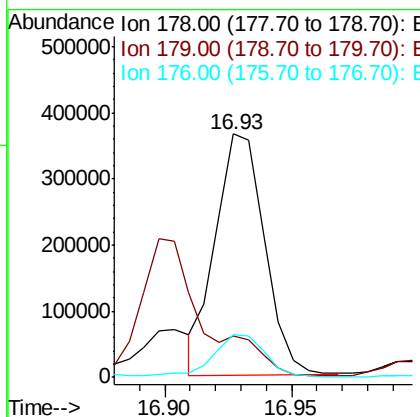
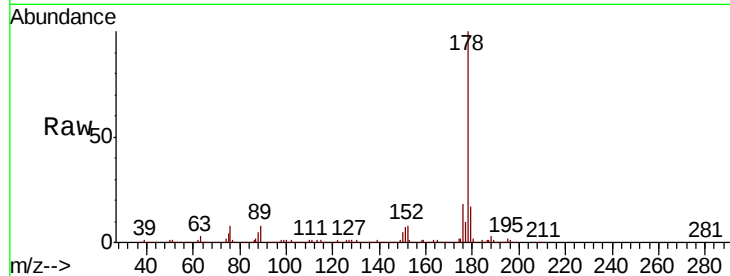
#72
 Anthracene
 Concen: 6.829 ng/ul
 RT: 16.93 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM024908.D
 Acq: 17 Feb 2020 16:16

Instrument :
 BNA_M
 ClientSampleId :
 DBCT6

Tot Ion	Ion	Ratio	Lower	Upper
492149	178	100		
	179	16.8	12.3	18.5
	176	17.7	14.1	21.1

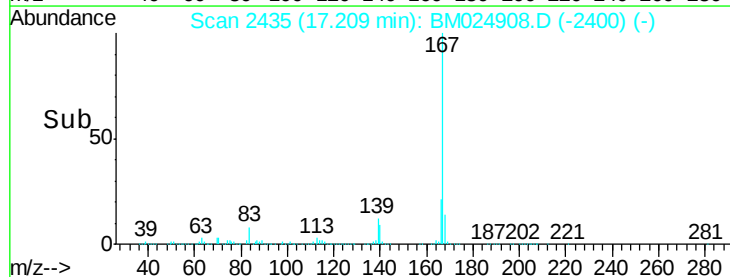
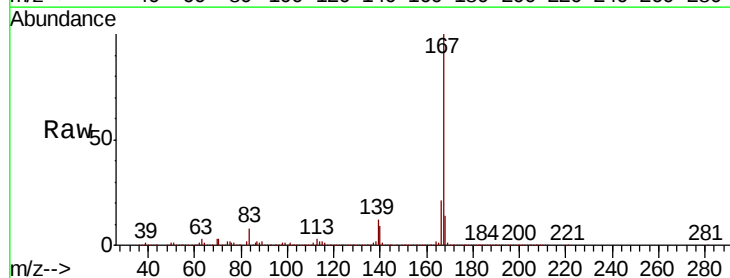
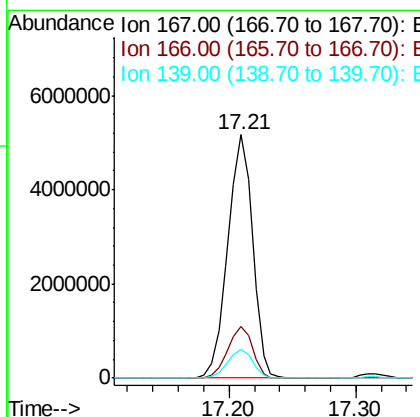
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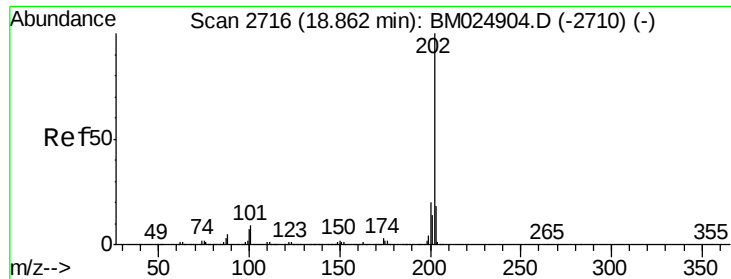
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#75
 Carbazole
 Concen: 116.530 ng/ul
 RT: 17.21 min Scan# 2435
 Delta R.T. 0.01 min
 Lab File: BM024908.D
 Acq: 17 Feb 2020 16:16

Tgt Ion	Ion	Ratio	Lower	Upper
6996880	167	100		
	166	21.2	16.6	24.8
	139	11.9	9.3	13.9





#77

Fluoranthene

Concen: 24.573 ng/ul

RT: 18.87 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BM024908.D

Acq: 17 Feb 2020 16:16

Instrument :

BNA_M

ClientSampleId :

DBCT6

Tot Ion:202 Resp: 2143720

Ion Ratio Lower Upper

202 100

101 9.2 6.1 9.1#

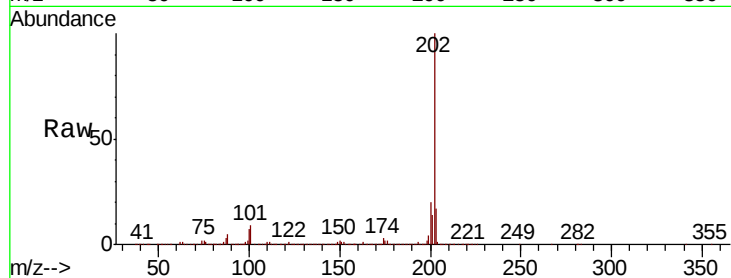
100 7.2 4.8 7.2

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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

18.87

2000000

1500000

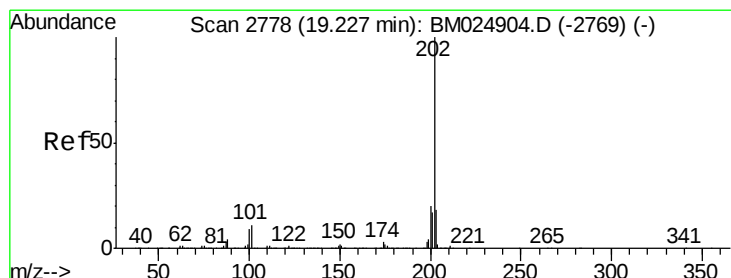
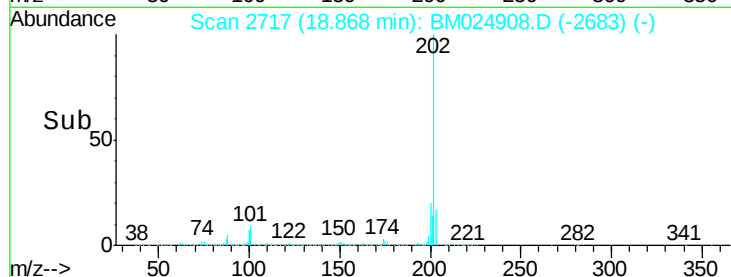
1000000

500000

0

Time-->

18.80 18.85 18.90



#80

Pyrene

Concen: 12.580 ng/ul

RT: 19.23 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BM024908.D

Acq: 17 Feb 2020 16:16

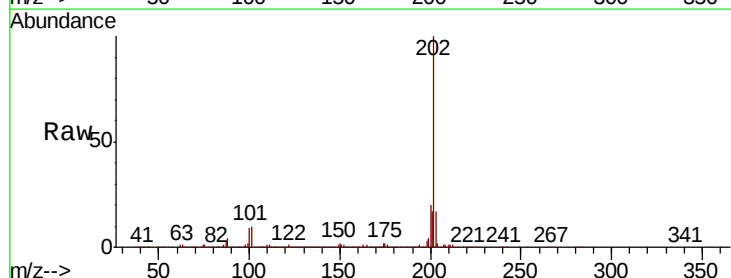
Tgt Ion:202 Resp: 1128880

Ion Ratio Lower Upper

202 100

101 10.5 7.0 10.4#

100 8.7 5.8 8.8



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

19.23

1200000

1000000

800000

600000

400000

200000

0

Time-->

19.20 19.30

