

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024909.D
 Acq On : 17 Feb 2020 16:53
 Operator : CG/JU
 Sample : L1486-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCT7

Manual Integrations
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 2/18/2020 3:17:34 PM

Quant Time: Feb 18 07:56:19 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	7.39	152	253376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	931775	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.04	164	578424	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1217023	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1280935	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1342283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	37558	7.13	ng/uL	0.00
5) Phenol-d5	6.59	99	159564	9.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	436747	45.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	500998	33.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	300745	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	301696	44.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	356556	44.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	606281	37.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	59010	3.93	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	1906671	43.67	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2315221	45.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	52630	7.42	ng/ul	0.00
58) Fluorene-d10	15.04	176	1725669	44.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	312762	39.43	ng/ul	0.00
71) Anthracene-d10	16.90	188	2651175	47.72	ng/ul	0.00
79) Pyrene-d10	19.20	212	2993107	46.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	3318142	49.22	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.20	128	44719125m	939.318	ng/ul	
34) 2-Methylnaphthalene	11.83	142	7711599	219.897	ng/ul	100
41) 1,1'-Biphenyl	12.86	154	2811695	65.847	ng/ul#	97
45) Dimethylphthalate	13.52	163	96641	2.122	ng/ul	98
48) Acenaphthylene	13.75	152	110305	2.088	ng/ul#	88
50) Acenaphthene	14.12	153	13193754	369.898	ng/ul	98
54) Dibenzofuran	14.45	168	12619477	237.345	ng/ul	97
59) Fluorene	15.10	166	3406092	77.729	ng/ul	98
70) Phenanthrene	16.84	178	12460134	187.772	ng/ul	95
72) Anthracene	16.93	178	523734	7.782	ng/ul	99
75) Carbazole	17.21	167	6481915	115.612	ng/ul	99
77) Fluoranthene	18.87	202	2225562	27.321	ng/ul	97
80) Pyrene	19.23	202	1174344	13.850	ng/ul#	93

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

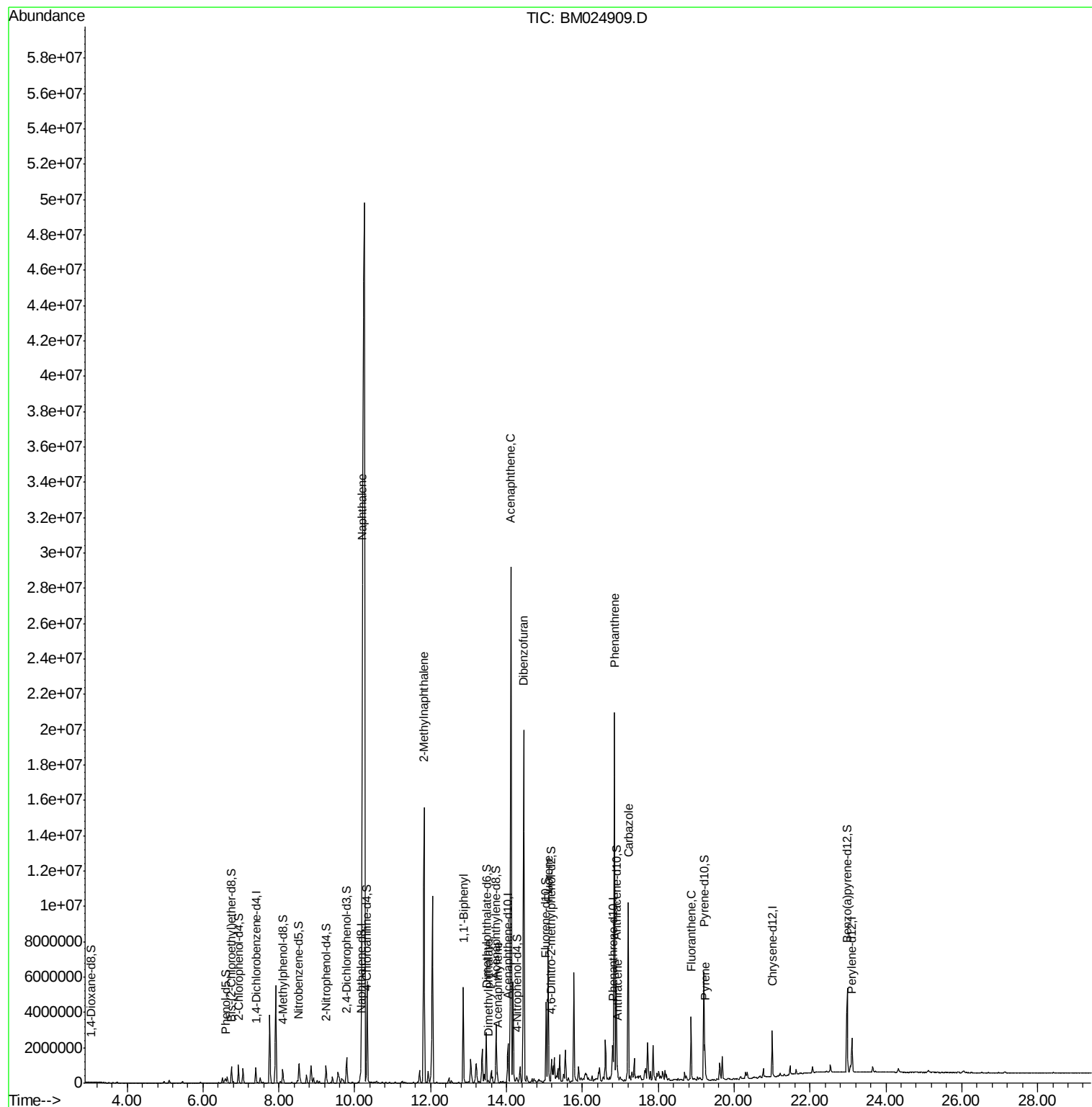
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024909.D
Acq On : 17 Feb 2020 16:53
Operator : CG/JU
Sample : L1486-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

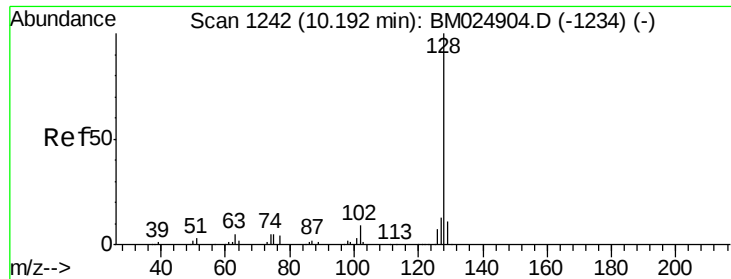
Instrument :
BNA_M
ClientSampleId :
DBCT7

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Quant Time: Feb 18 07:56:19 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





#28

Naphthalene

Concen: 939.318 ng/ul m

RT: 10.20 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

Instrument :

BNA_M

ClientSampleId :

DBCT7

Tot Ion:128 Resp:44719125

Ion Ratio Lower Upper

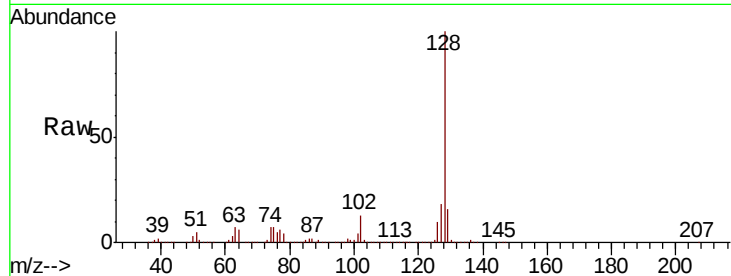
128 100

129 15.8 9.1 13.7#

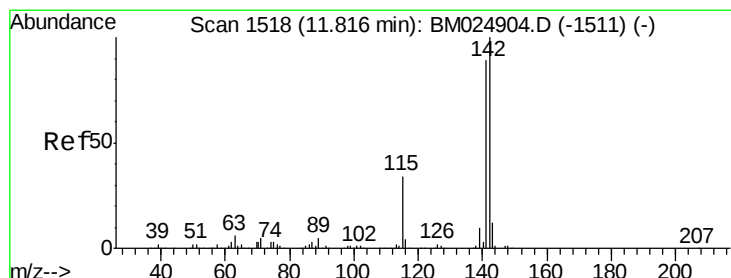
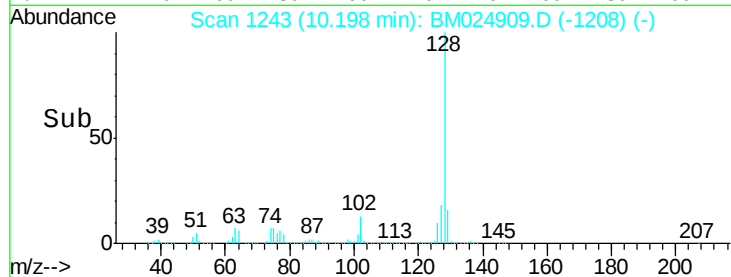
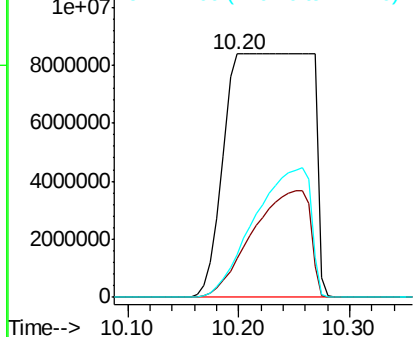
127 17.7 10.4 15.6#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 219.897 ng/ul

RT: 11.83 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BM024909.D

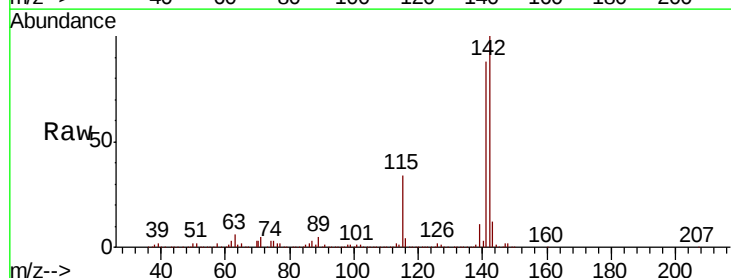
Acq: 17 Feb 2020 16:53

Tgt Ion:142 Resp: 7711599

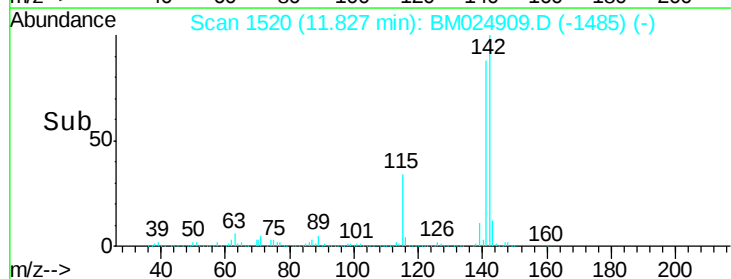
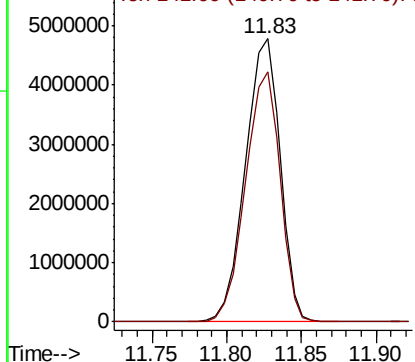
Ion Ratio Lower Upper

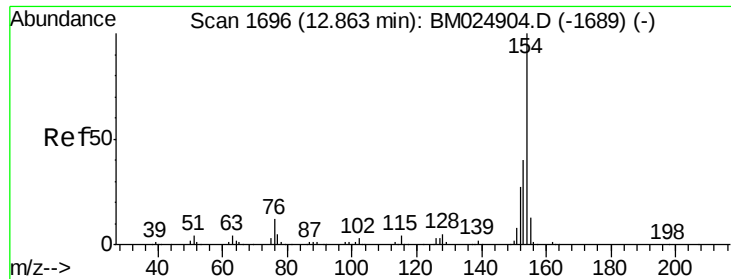
142 100

141 88.4 70.5 105.7



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





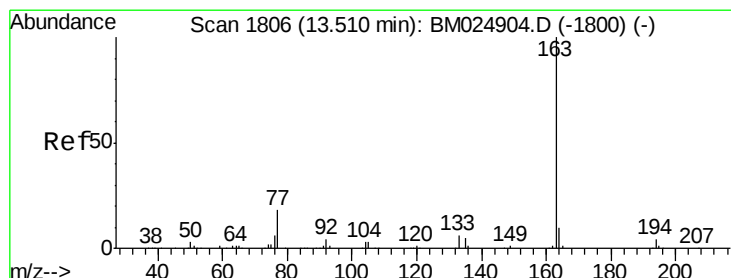
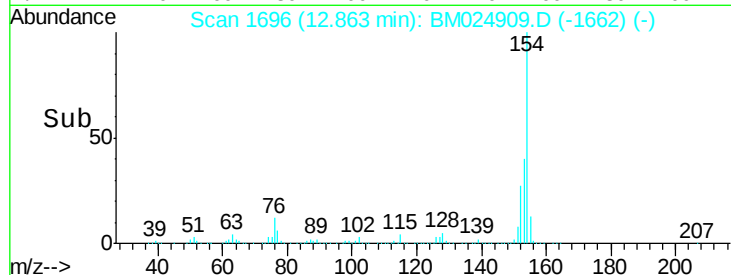
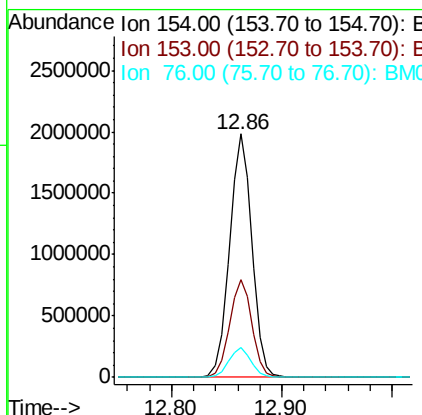
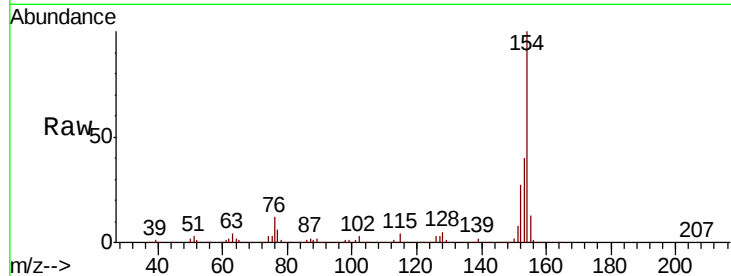
#41
 1,1'-Biphenyl
 Concen: 65.847 ng/ul
 RT: 12.86 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM024909.D
 Acq: 17 Feb 2020 16:53

Instrument :
 BNA_M
 ClientSampled :
 DBCT7

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	31.4	47.2
76	12.1	7.5	11.3

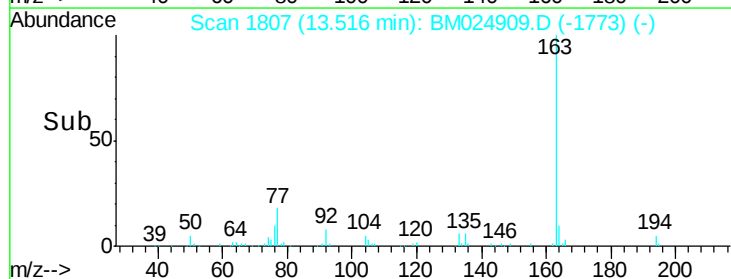
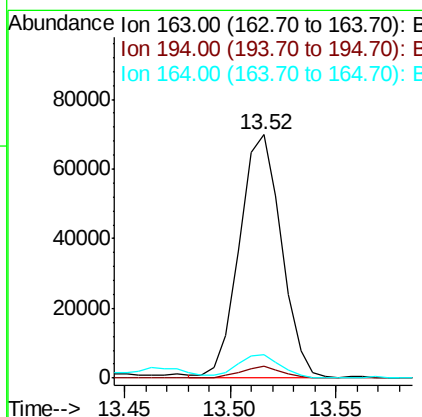
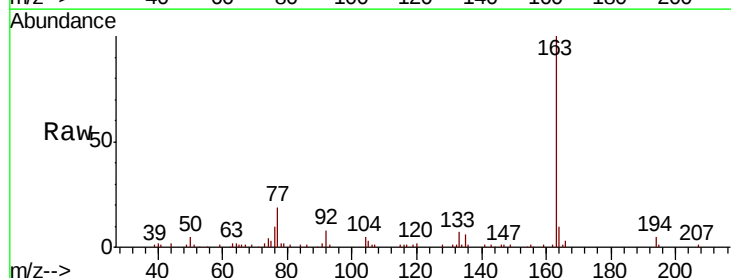
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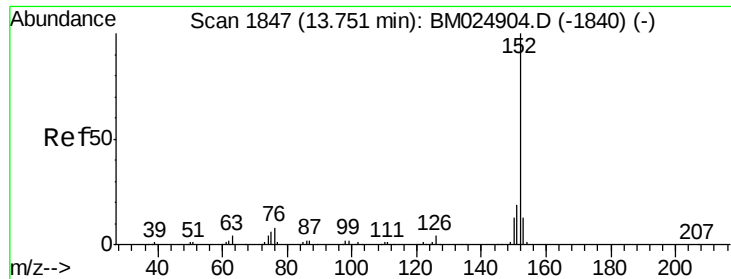
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#45
 Dimethylphthalate
 Concen: 2.122 ng/ul
 RT: 13.52 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BM024909.D
 Acq: 17 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	9.7	8.2	12.2





#48

Acenaphthylene

Concen: 2.088 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

Instrument :

BNA_M

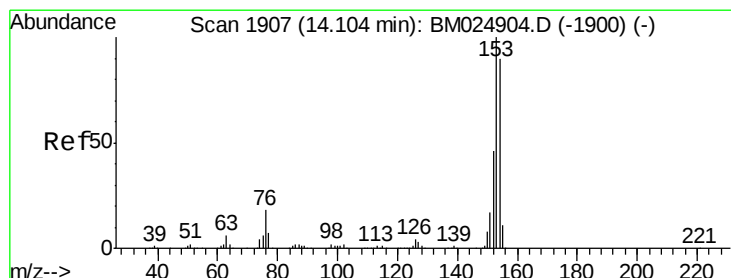
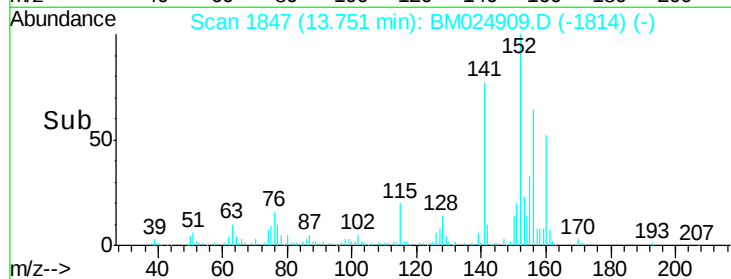
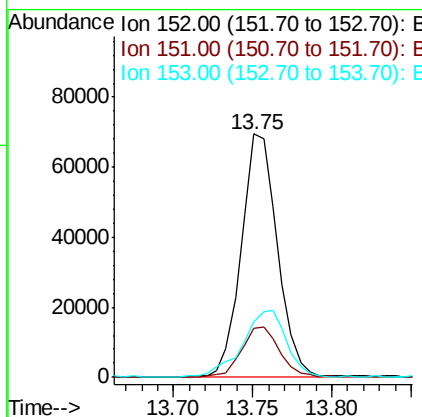
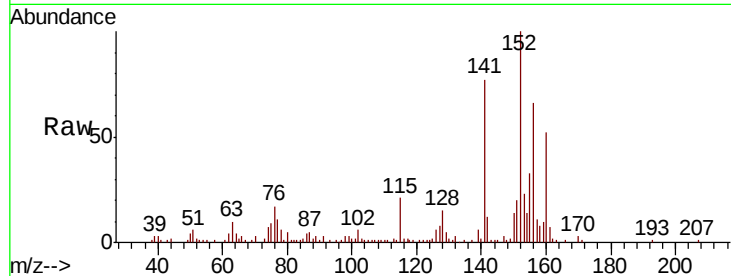
ClientSampleId :

DBCT7

Tot Ion:	152	Resp:	110305
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.1	22.7
153	22.5	10.1	15.1#

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#50

Acenaphthene

Concen: 369.898 ng/ul

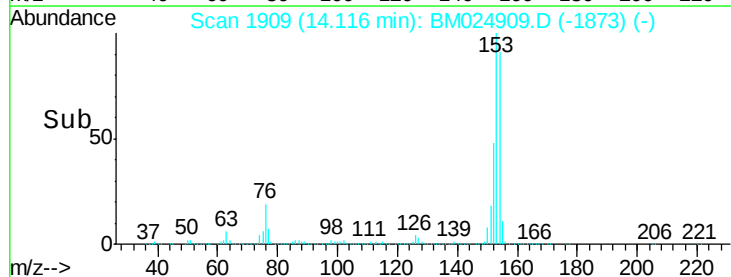
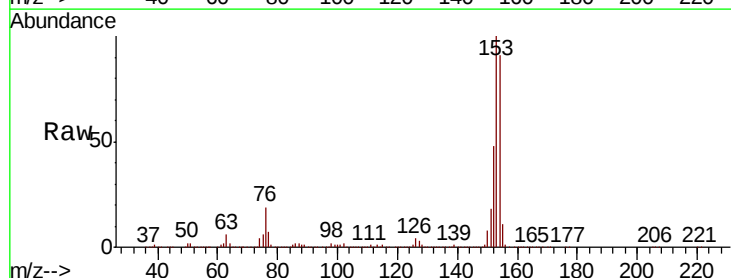
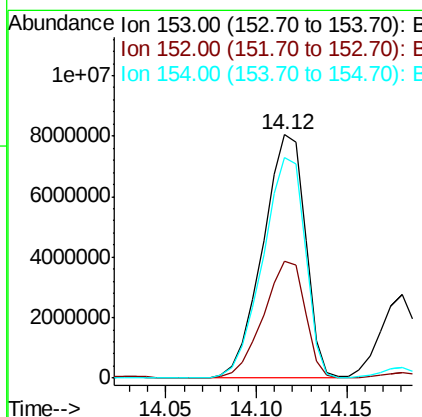
RT: 14.12 min Scan# 1909

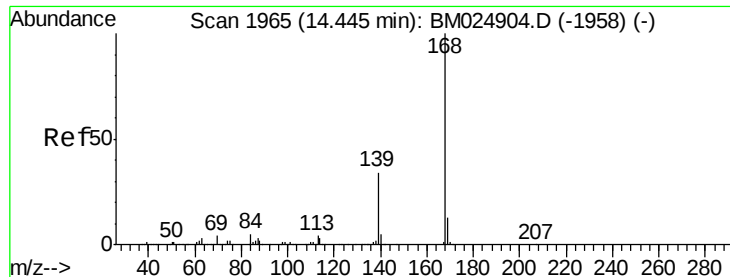
Delta R.T. 0.01 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

Tgt Ion:	153	Resp:	13193754
Ion Ratio	Lower	Upper	
153	100		
152	47.8	37.3	55.9
154	90.8	74.1	111.1





#54

Dibenzenofuran

Concen: 237.345 ng/ul

RT: 14.45 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

Instrument :

BNA_M

ClientSampled :

DBCT7

Tot Ion:168 Resp:12619477

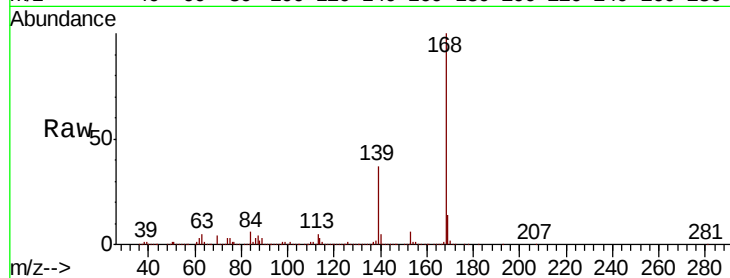
Ion Ratio Lower Upper

168 100

139 36.6 27.8 41.8

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

8000000

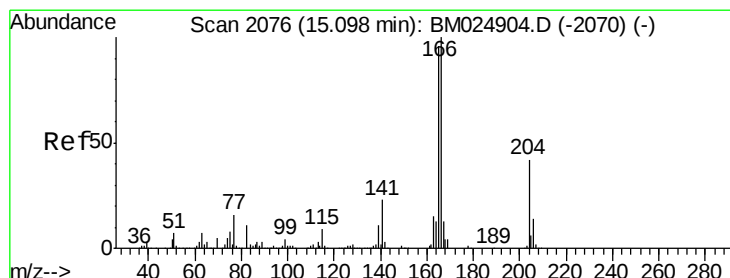
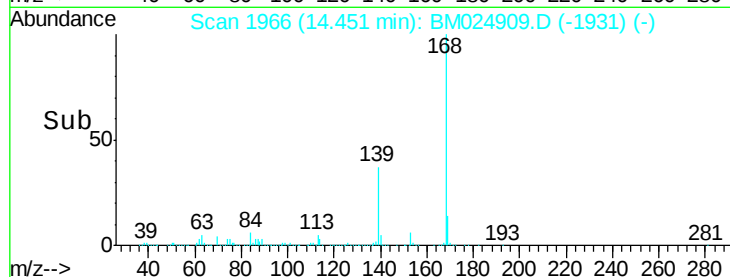
6000000

4000000

2000000

0

Time-->



#59

Fluorene

Concen: 77.729 ng/ul

RT: 15.10 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

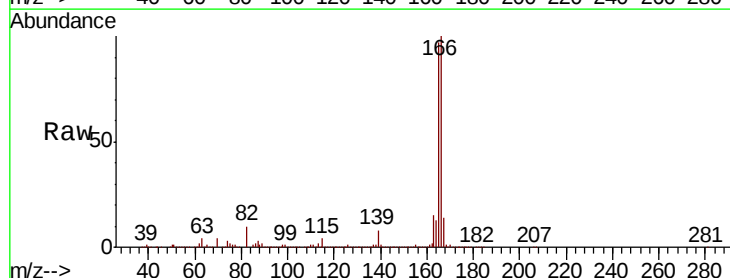
Tgt Ion:166 Resp: 3406092

Ion Ratio Lower Upper

166 100

165 96.7 75.8 113.8

167 13.9 10.6 16.0



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

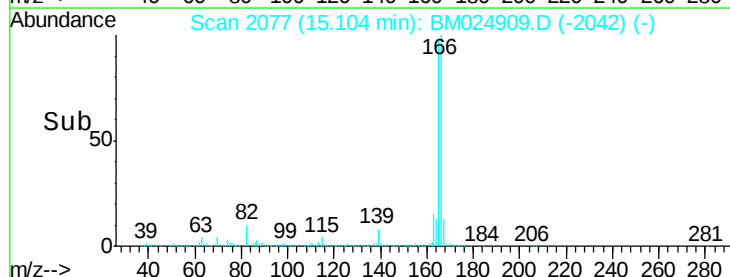
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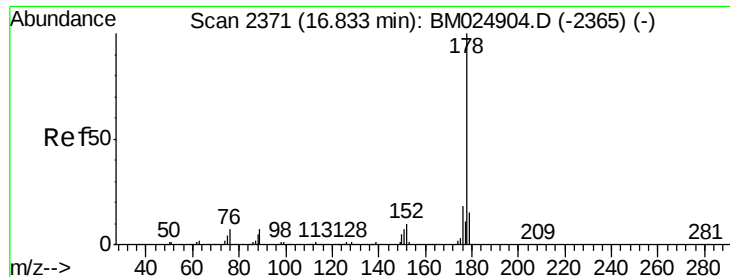
2000000

1000000

0

Time-->





#70

Phenanthrene

Concen: 187.772 ng/ul

RT: 16.84 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

Instrument :

BNA_M

ClientSampleId :

DBCT7

Tot Ion:178 Resp:12460134

Ion Ratio Lower Upper

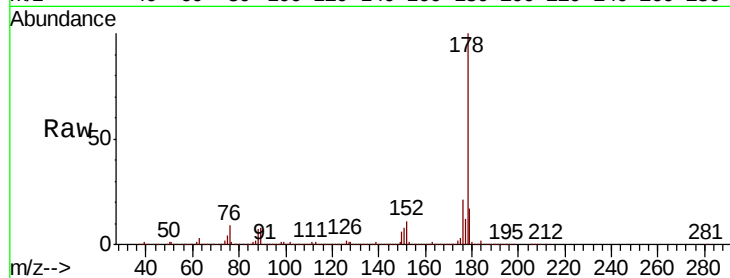
178 100

179 17.0 12.2 18.2

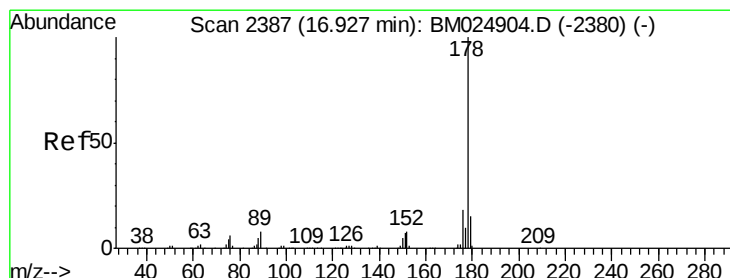
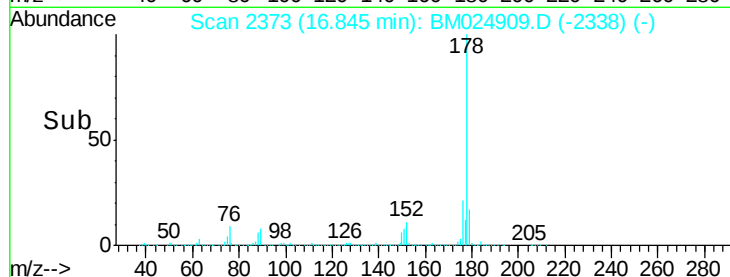
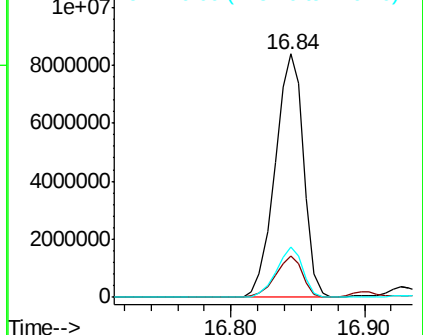
176 20.5 14.5 21.7

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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: 7.782 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM024909.D

Acq: 17 Feb 2020 16:53

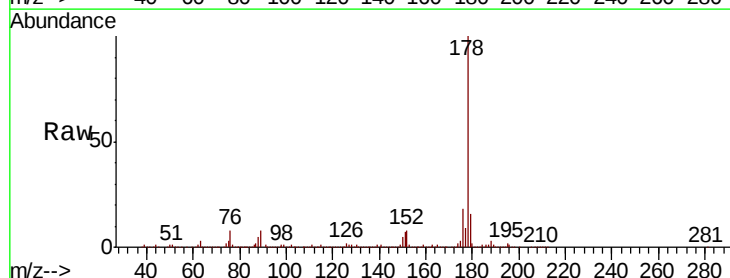
Tgt Ion:178 Resp: 523734

Ion Ratio Lower Upper

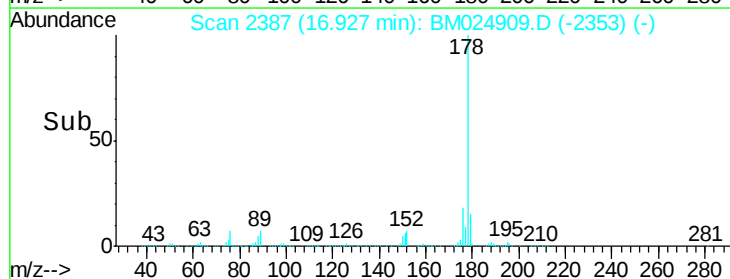
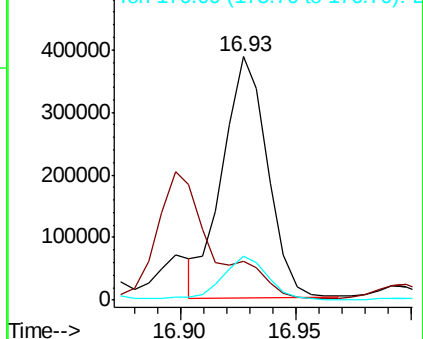
178 100

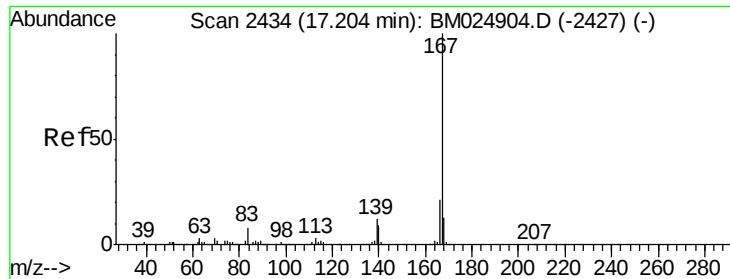
179 15.8 12.3 18.5

176 17.9 14.1 21.1



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





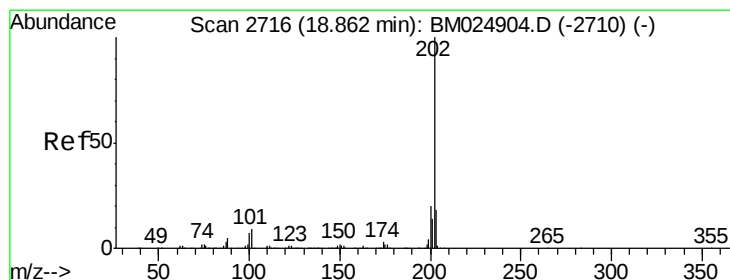
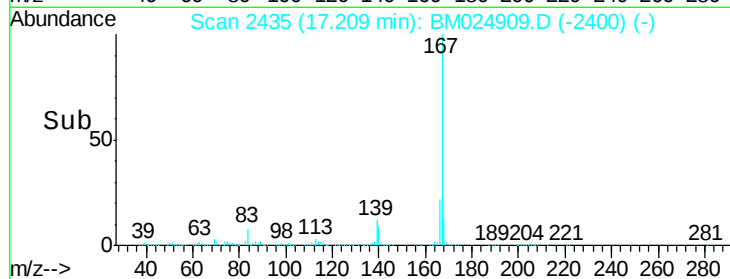
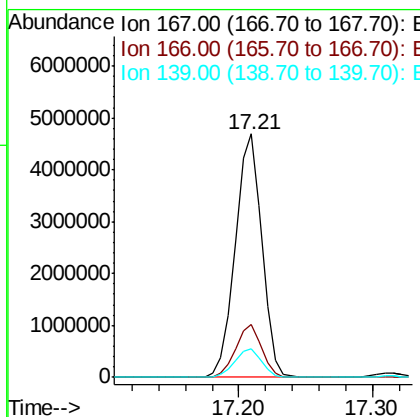
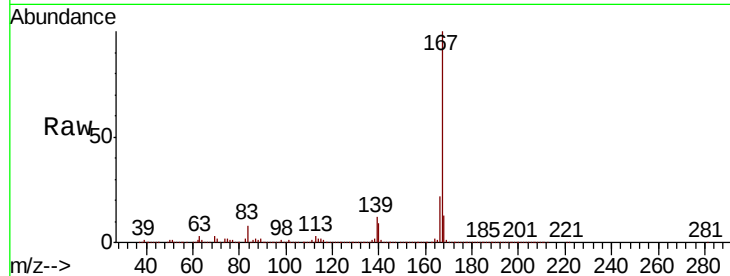
#75
 Carbazole
 Concen: 115.612 ng/ul
 RT: 17.21 min Scan# 2435
 Delta R.T. 0.01 min
 Lab File: BM024909.D
 Acq: 17 Feb 2020 16:53

Instrument :
 BNA_M
 ClientSampleId :
 DBCT7

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.6	16.6	24.8	
139	11.8	9.3	13.9	

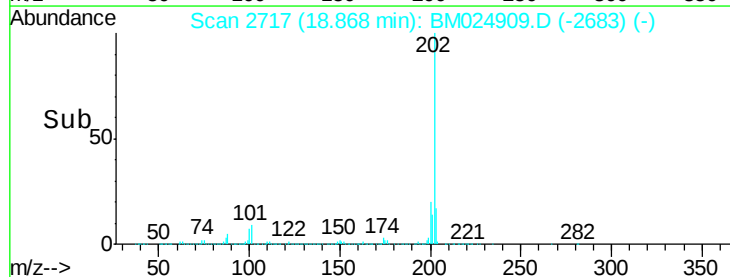
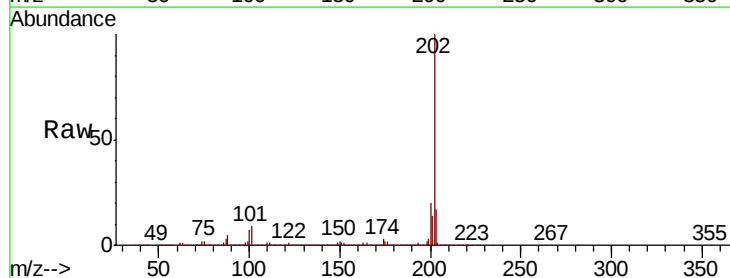
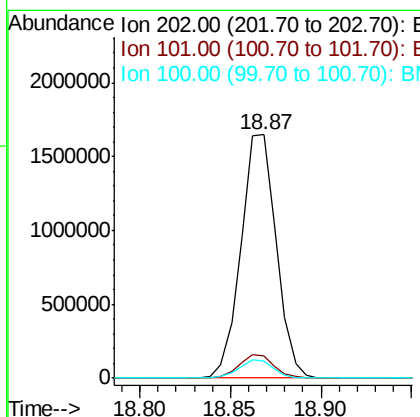
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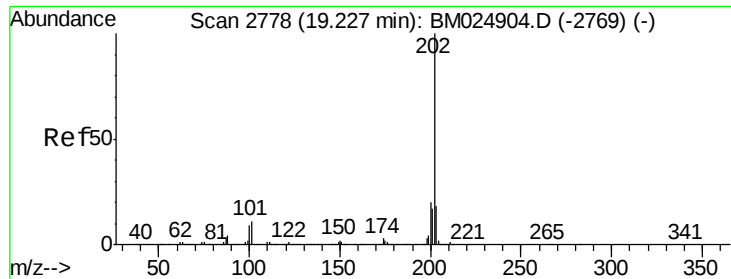
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#77
 Fluoranthene
 Concen: 27.321 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. 0.00 min
 Lab File: BM024909.D
 Acq: 17 Feb 2020 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	8.9	6.1	9.1	
100	7.0	4.8	7.2	





#80
 Pvrene
 Concen: 13.850 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM024909.D
 Acq: 17 Feb 2020 16:53

Instrument :
 BNA_M
 ClientSampleId :
 DBCT7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1174344		
101	11.3		7.0	10.4#
100	9.4		5.8	8.8#

Manual Integrations
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