

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024954.D
 Acq On : 19 Feb 2020 21:17
 Operator : CG/JU
 Sample : L1486-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCX2

Manual Integrations
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Quant Time: Feb 20 00:22:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	297026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1078702	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	653850	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1424537	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1560213	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1652685	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	41427	6.71	ng/uL	0.00
5) Phenol-d5	6.59	99	132403	6.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	390251	35.02	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	441681	24.98	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	251352	15.10	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	258901	33.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	293779	31.87	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	504451	27.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	40499m	2.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1669967	33.84	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1976203	34.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.27	143	35077	4.37	ng/ul	0.00
58) Fluorene-d10	15.04	176	1505960	34.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	243767	26.25	ng/ul	0.00
71) Anthracene-d10	16.89	188	2363392m	36.34	ng/ul	-0.01
79) Pyrene-d10	19.20	212	2769405	35.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	3093064	37.26	ng/ul	-0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.19	128	2456442	44.569	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	878438	21.637	ng/ul	100
41) 1,1'-Biphenyl	12.86	154	1199956	24.860	ng/ul#	98
45) Dimethylphthalate	13.50	163	64174	1.246	ng/ul#	99
50) Acenaphthene	14.10	153	4952728	122.836	ng/ul	98
54) Dibenzofuran	14.44	168	4903844	81.591	ng/ul	100
59) Fluorene	15.10	166	3036249	61.296	ng/ul	99
70) Phenanthrene	16.83	178	5183264	66.732	ng/ul	99
72) Anthracene	16.92	178	190411	2.417	ng/ul	99
75) Carbazole	17.20	167	1290399	19.663	ng/ul	99
77) Fluoranthene	18.86	202	1027092	10.772	ng/ul#	96
80) Pyrene	19.22	202	593673	5.748	ng/ul#	95

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

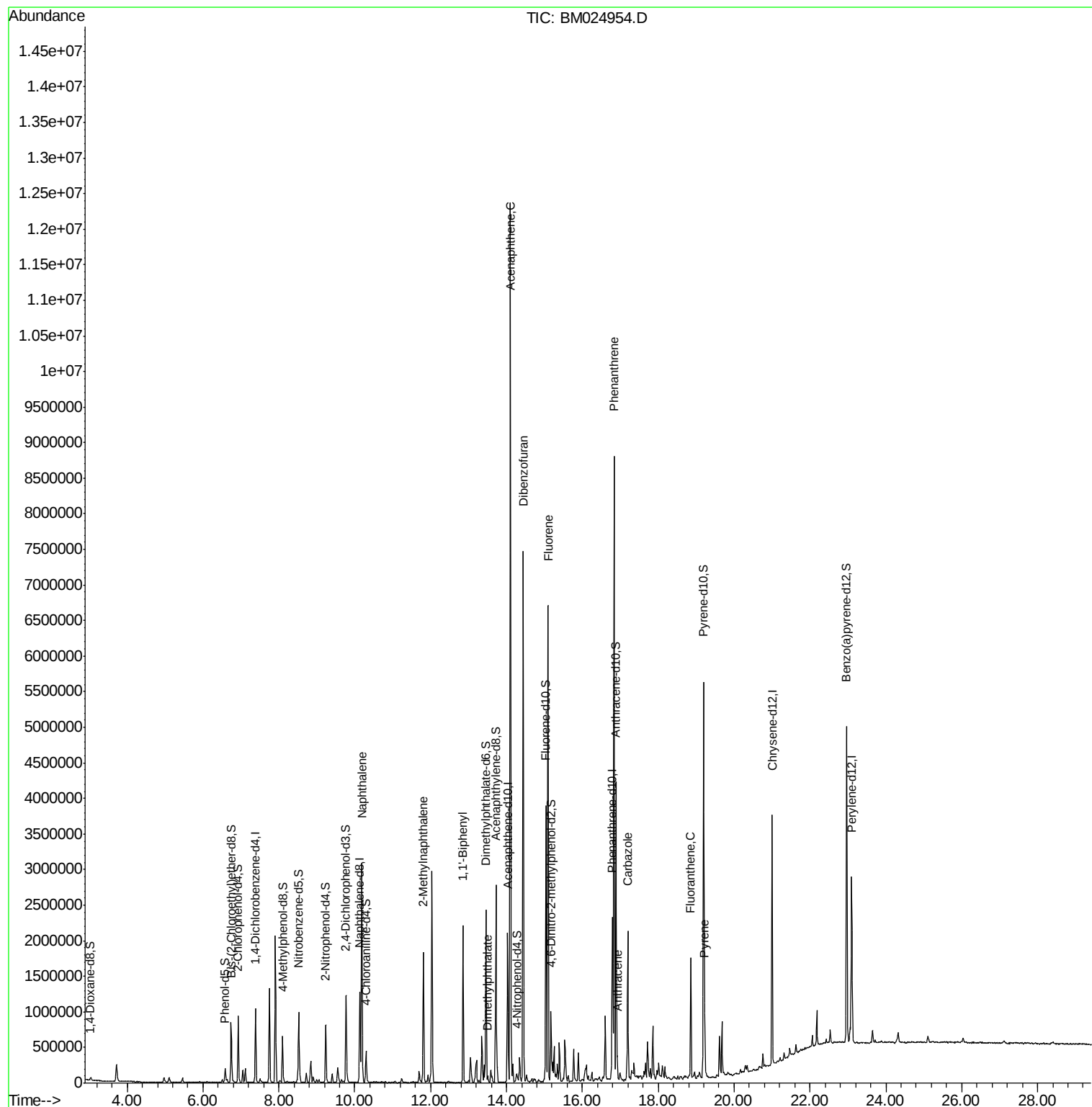
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024954.D
Acq On : 19 Feb 2020 21:17
Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

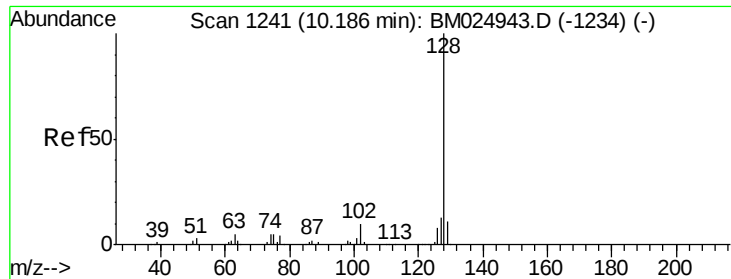
Instrument :
BNA_M
ClientSampleId :
DBCX2

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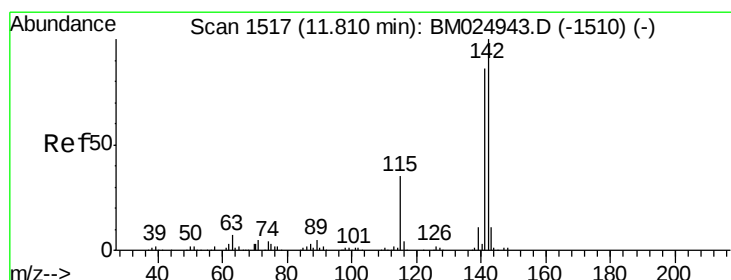
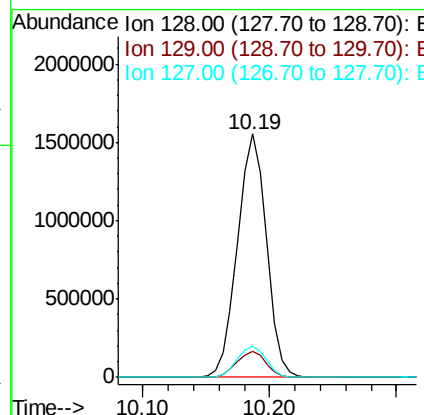
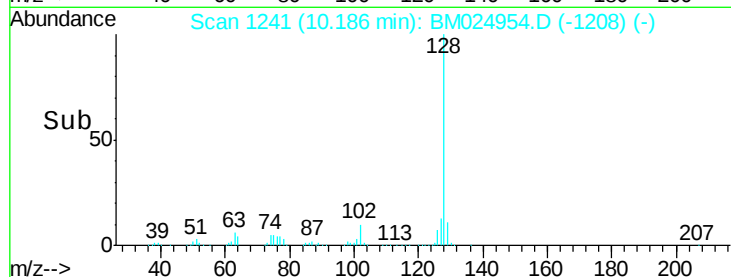
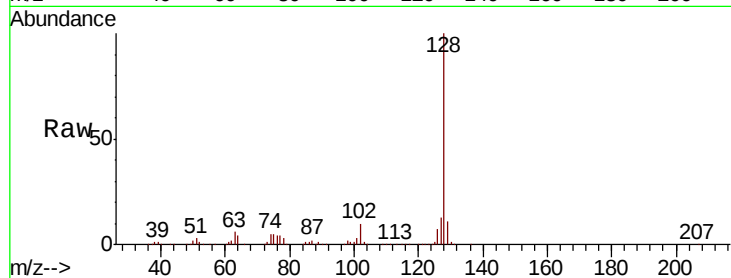
#28
Naphthalene
Concen: 44.569 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024954.D
Acq: 19 Feb 2020 21:17

Instrument :
BNA_M
ClientSampleId :
DBCX2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.0	10.4	15.6

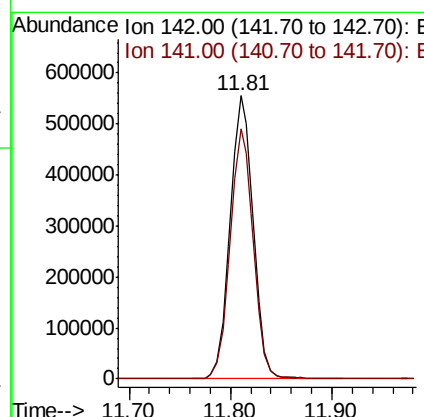
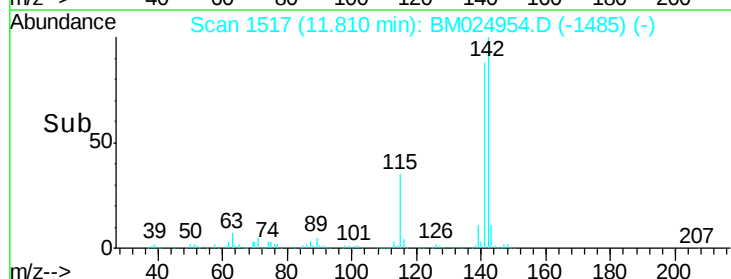
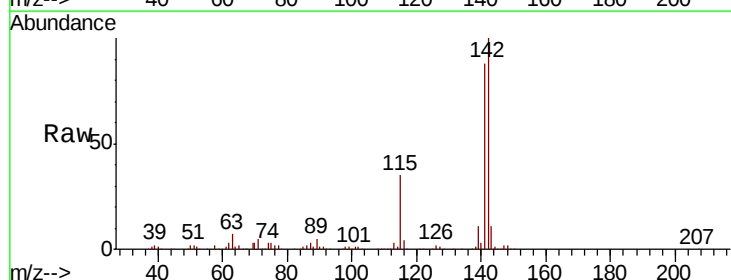
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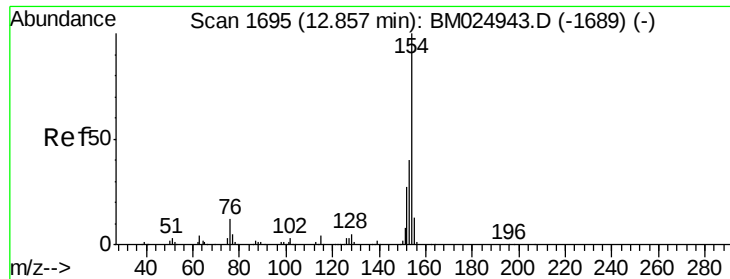
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#34
2-Methylnaphthalene
Concen: 21.637 ng/ul
RT: 11.81 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BM024954.D
Acq: 19 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7





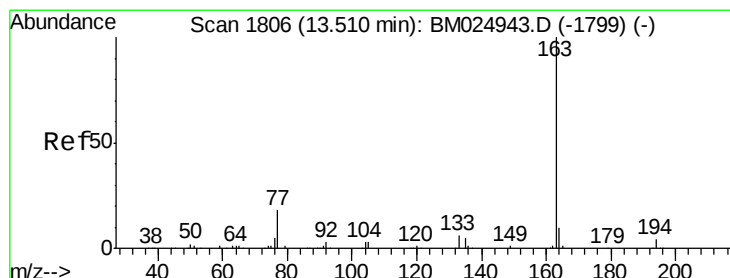
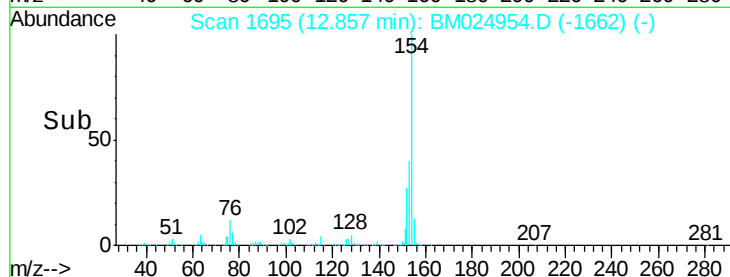
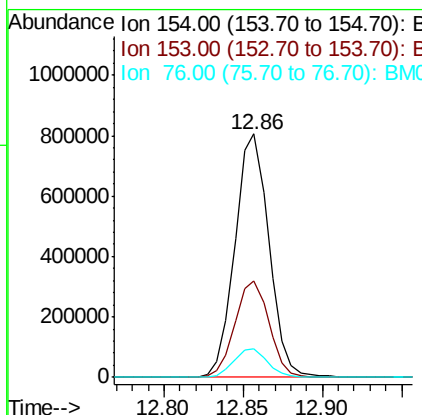
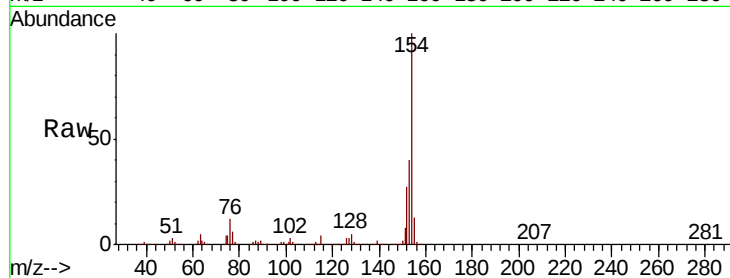
#41
1,1'-Biphenyl
Concen: 24.860 ng/ul
RT: 12.86 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM024954.D
Acq: 19 Feb 2020 21:17

Instrument :
BNA_M
ClientSampled :
DBCX2

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.4	47.2
76	11.5	7.5	11.3#

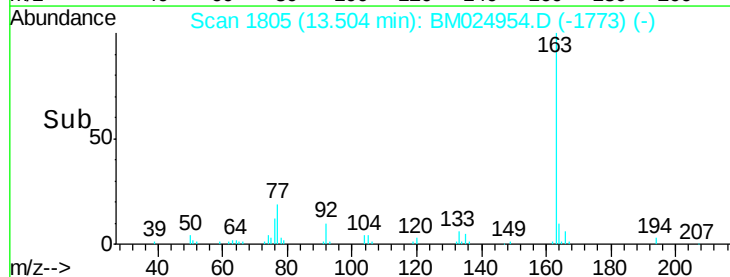
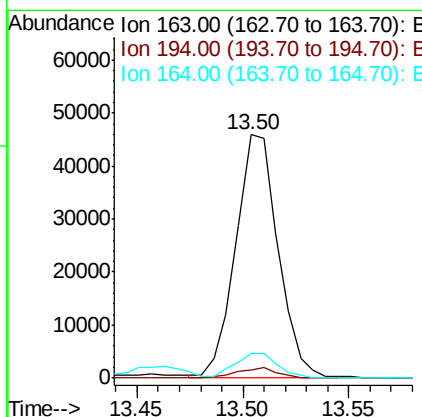
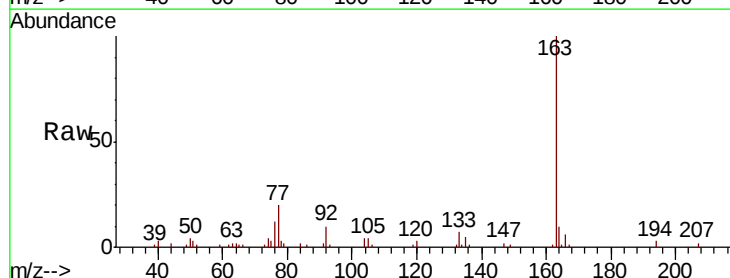
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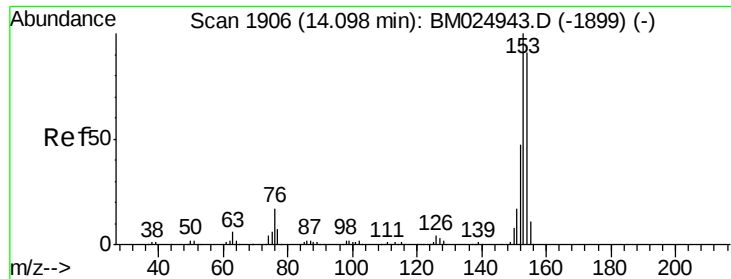
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#45
Dimethylphthalate
Concen: 1.246 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BM024954.D
Acq: 19 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	10.4	8.2	12.2





#50

Acenaphthene

Concen: 122.836 ng/ul

RT: 14.10 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BM024954.D

Acq: 19 Feb 2020 21:17

Instrument :

BNA_M

ClientSampleId :

DBCX2

Tot Ion:153 Resp: 4952728

Ion Ratio Lower Upper

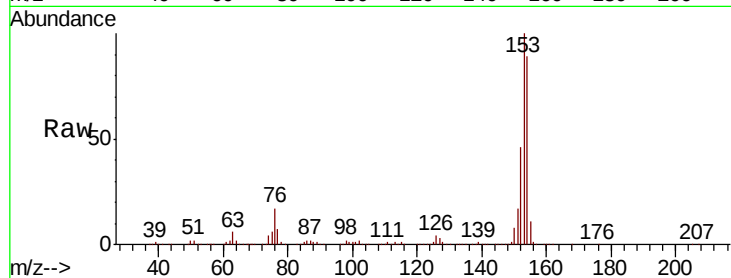
153 100

152 46.0 37.3 55.9

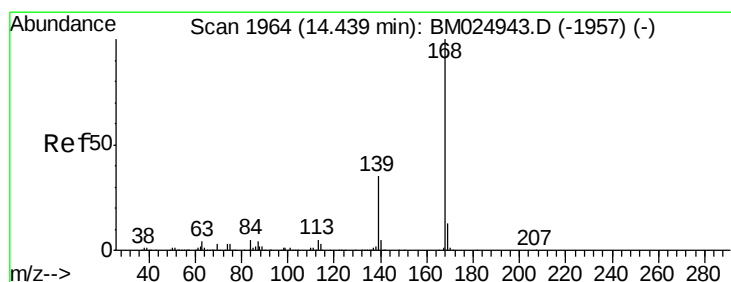
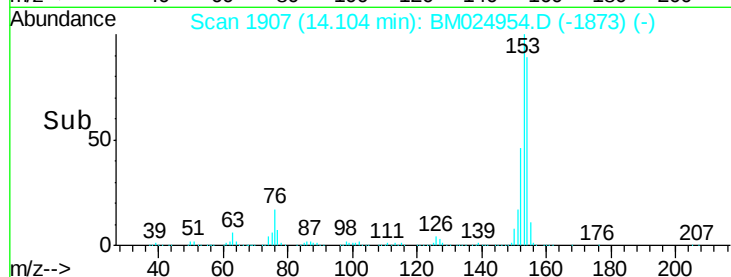
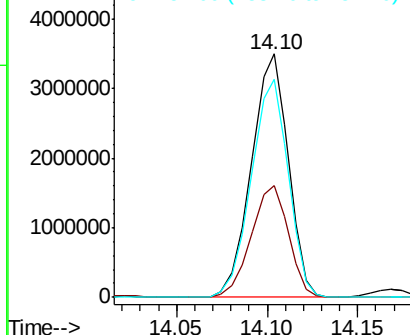
154 89.5 74.1 111.1

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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: 81.591 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM024954.D

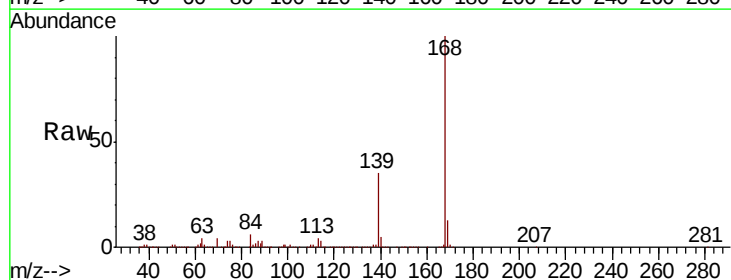
Acq: 19 Feb 2020 21:17

Tgt Ion:168 Resp: 4903844

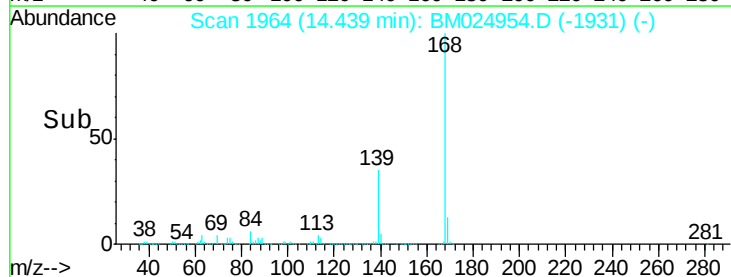
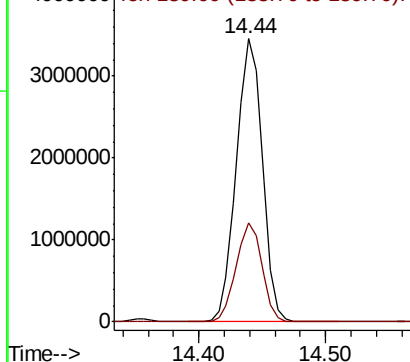
Ion Ratio Lower Upper

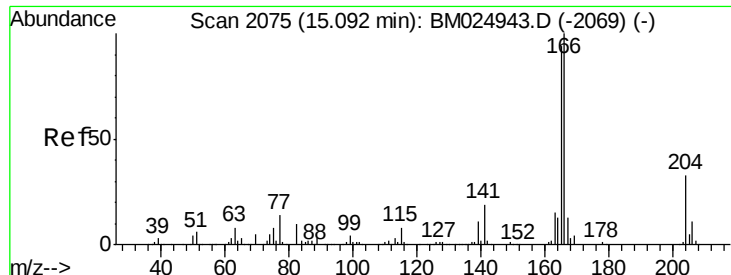
168 100

139 34.9 27.8 41.8



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





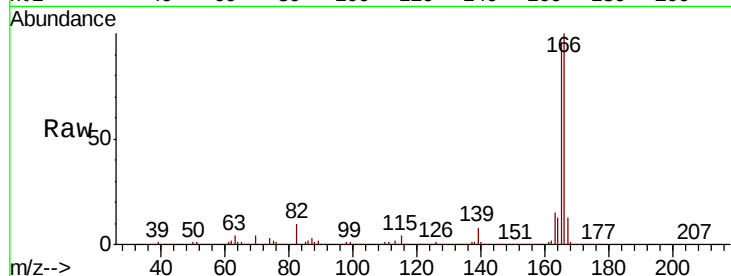
#59
Fluorene
Concen: 61.296 ng/ul
RT: 15.10 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM024954.D
Acq: 19 Feb 2020 21:17

Instrument :
BNA_M
ClientSampled :
DBCX2

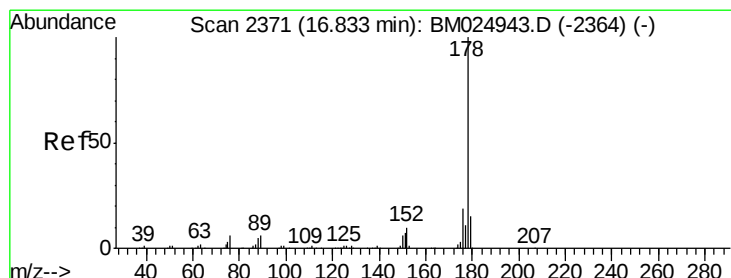
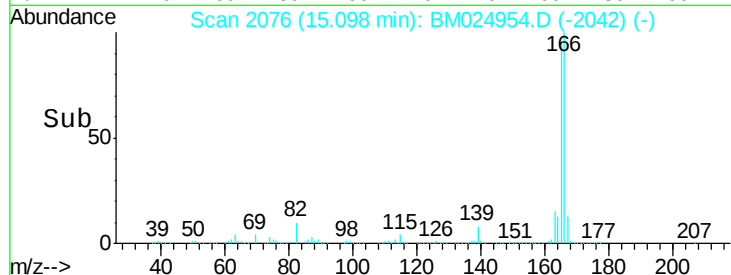
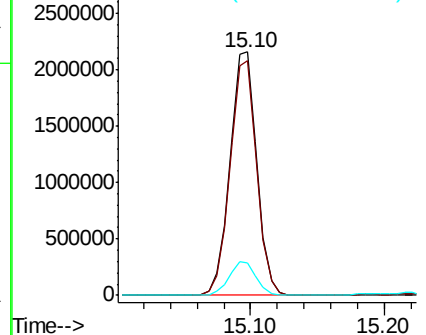
Tot Ion:166 Resp: 3036249
Ion Ratio Lower Upper
166 100
165 96.4 75.8 113.8
167 13.4 10.6 16.0

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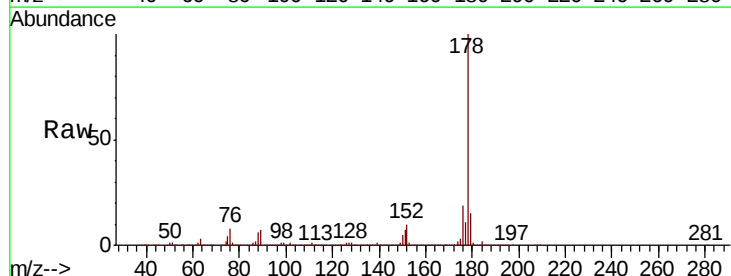


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

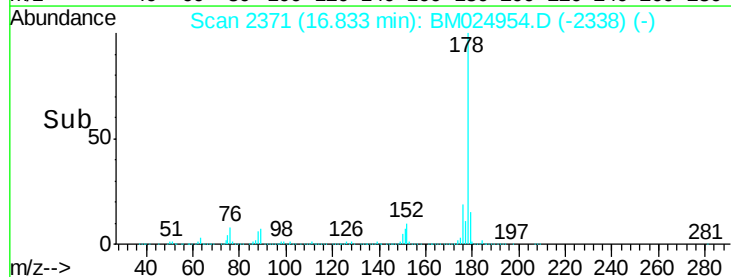
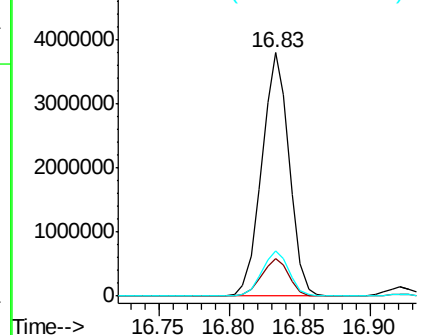


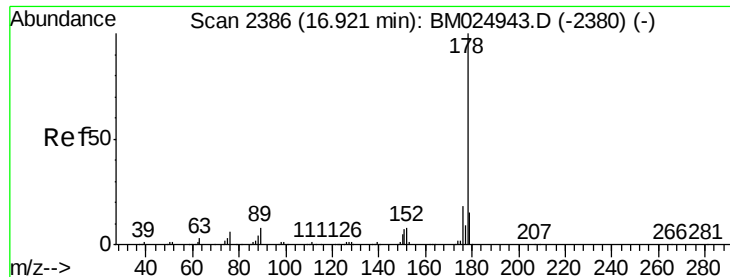
#70
Phenanthrene
Concen: 66.732 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024954.D
Acq: 19 Feb 2020 21:17

Tgt Ion:178 Resp: 5183264
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.6 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: 2.417 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM024954.D

Acq: 19 Feb 2020 21:17

Instrument :

BNA_M

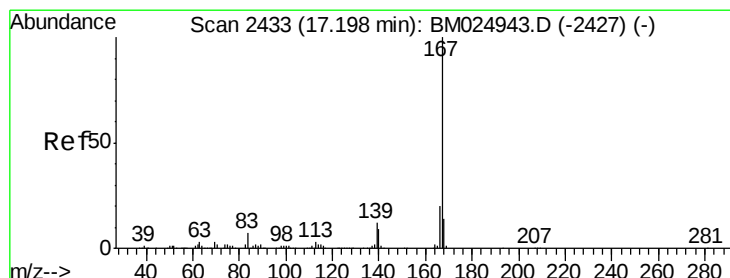
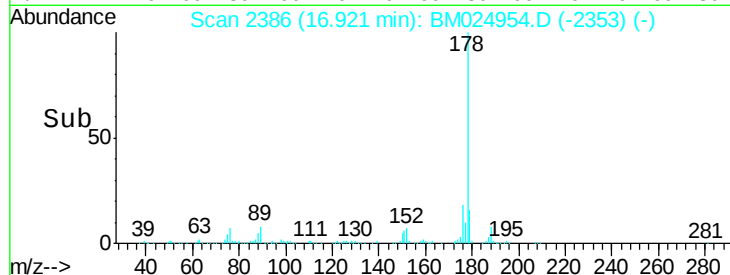
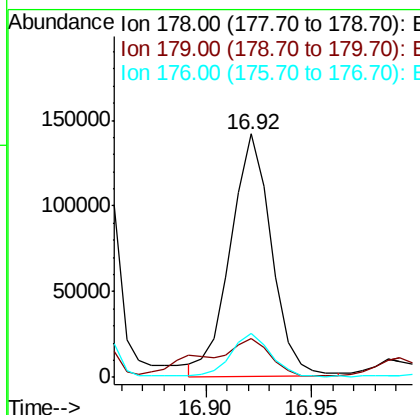
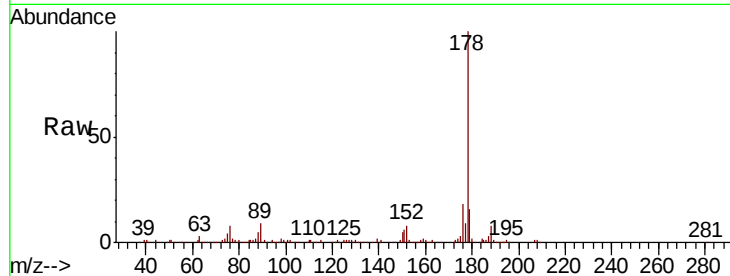
ClientSampleId :

DBCX2

Tot Ion:	178	Resp:	190411
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	17.9	14.1	21.1

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#75

Carbazole

Concen: 19.663 ng/ul

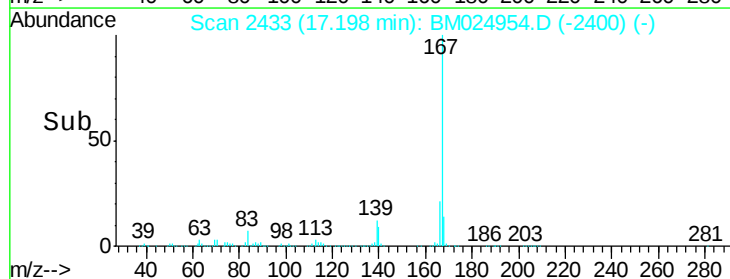
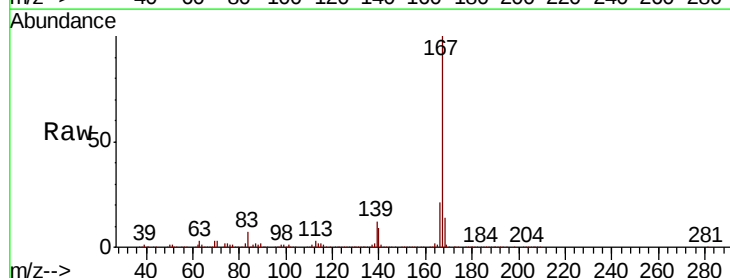
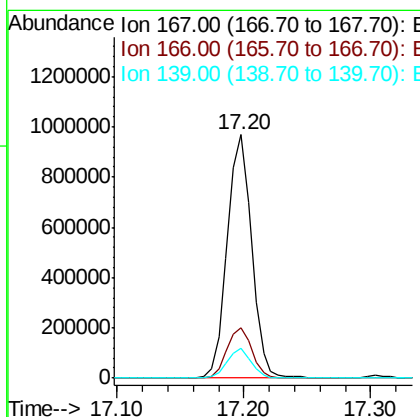
RT: 17.20 min Scan# 2433

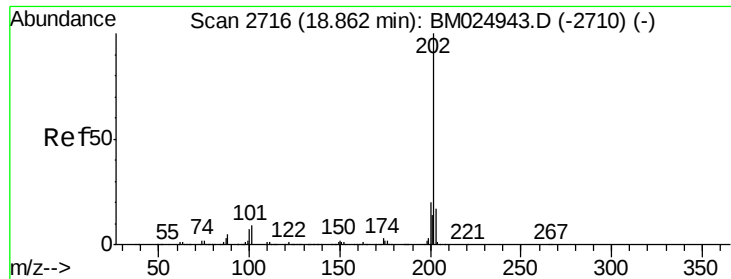
Delta R.T. -0.01 min

Lab File: BM024954.D

Acq: 19 Feb 2020 21:17

Tgt Ion:	167	Resp:	1290399
Ion Ratio	Lower	Upper	
167	100		
166	20.8	16.6	24.8
139	12.2	9.3	13.9





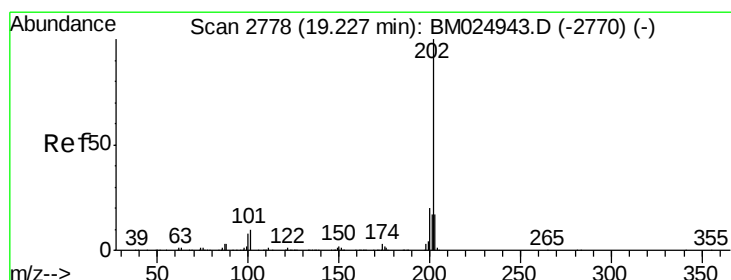
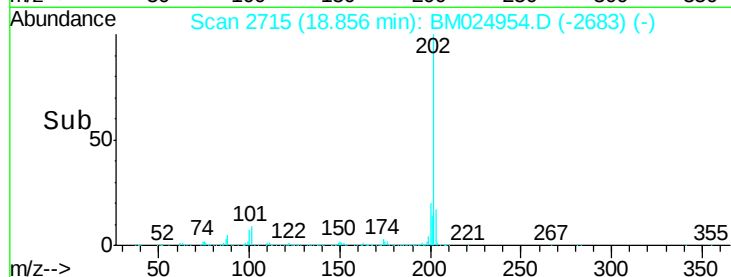
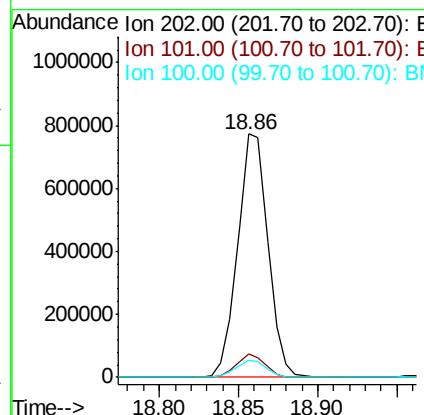
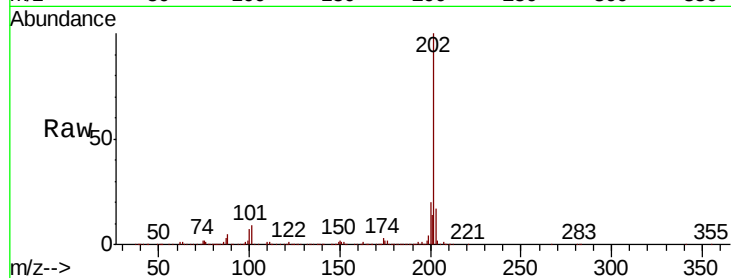
#77
Fluoranthene
 Concen: 10.772 ng/ul
 RT: 18.86 min Scan# 2715
 Delta R.T. -0.01 min
 Lab File: BM024954.D
 Acq: 19 Feb 2020 21:17

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	1027092		
101	9.4	6.1	9.1#	
100	7.0	4.8	7.2	

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#80
Pyrene
 Concen: 5.748 ng/ul
 RT: 19.22 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BM024954.D
 Acq: 19 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	593673		
101	10.8	7.0	10.4#	
100	9.0	5.8	8.8#	

