

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009895.D
 Acq On : 25 Feb 2020 11:29
 Operator : CG/JU
 Sample : L1582-04DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ6DL

Quant Time: Feb 25 14:02:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:22:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	112726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	479285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	297008	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	633421	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	643157	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	656370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	722	0.26	ng/uL	0.01
5) Phenol-d5	6.60	99	11129	1.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	42202	6.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	35999	4.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	22422	2.94	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	21569	6.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	23539	6.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	40967	5.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	4479	0.54	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	152402	6.87	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	175413	6.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	1419	0.35	ng/ul	0.04
58) Fluorene-d10	15.03	176	134359	7.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	14538	3.69	ng/ul	0.01
71) Anthracene-d10	16.88	188	203594	7.01	ng/ul	0.00
79) Pyrene-d10	19.19	212	234481	6.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	225219	6.87	ng/ul	0.00

Target Compounds

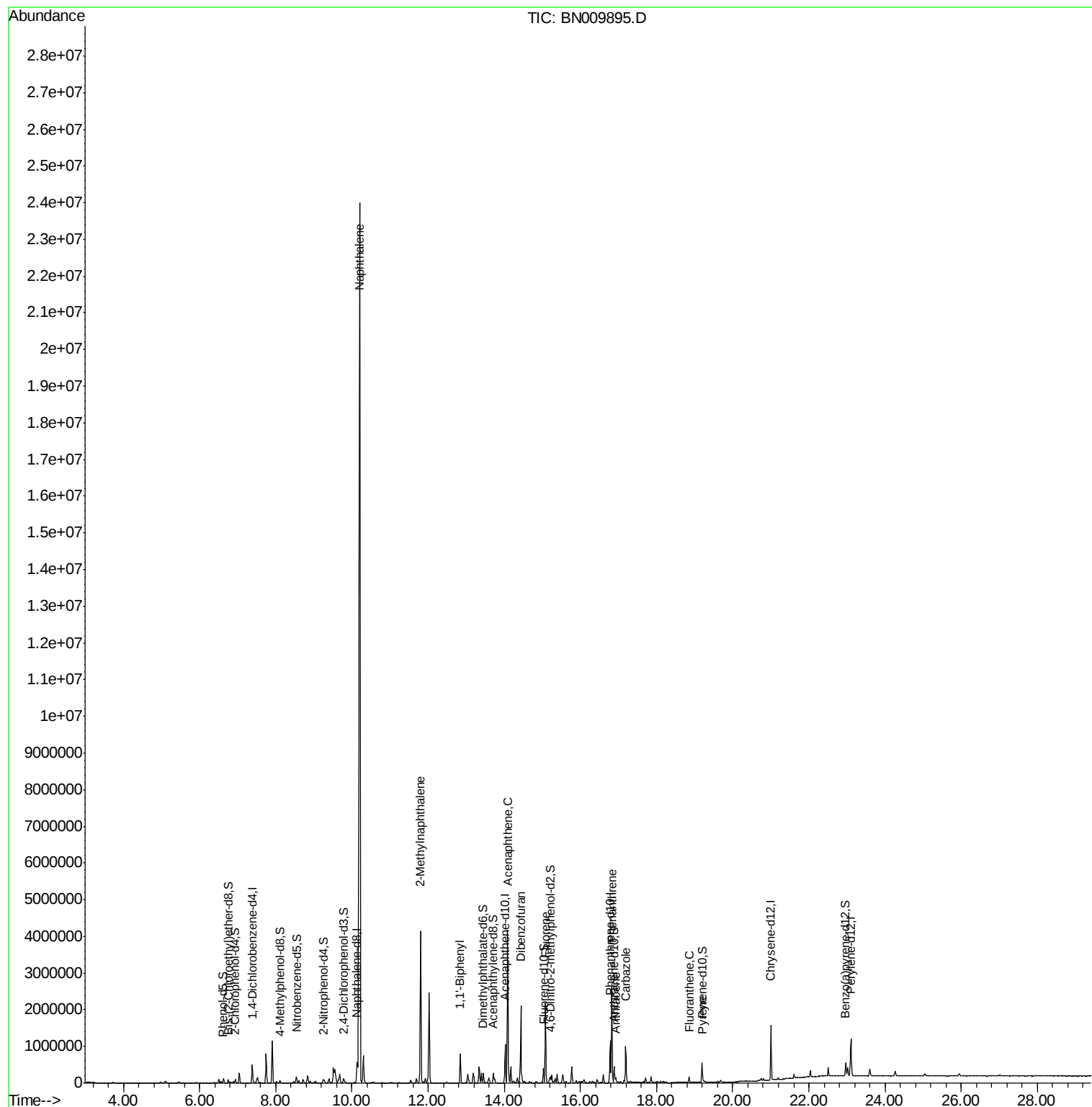
					Ovalue	
28) Naphthalene	10.20	128	18715753	724.135	ng/ul	95
34) 2-Methylnaphthalene	11.80	142	1748014	97.402	ng/ul	97
41) 1,1'-Biphenyl	12.85	154	359400	15.755	ng/ul	99
50) Acenaphthene	14.09	153	1516132	78.205	ng/ul	100
54) Dibenzofuran	14.43	168	1207103	44.361	ng/ul	97
59) Fluorene	15.09	166	846356	37.062	ng/ul	99
70) Phenanthrene	16.83	178	1438388	39.790	ng/ul	98
72) Anthracene	16.92	178	37161	1.006	ng/ul	97
75) Carbazole	17.20	167	593447	18.236	ng/ul	97
77) Fluoranthene	18.86	202	88907	2.100	ng/ul	97
80) Pyrene	19.22	202	48545	1.047	ng/ul#	94

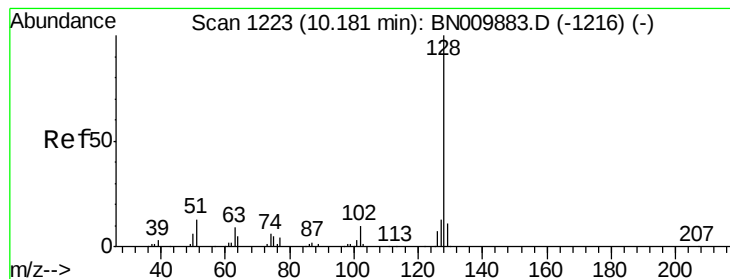
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 25 14:02:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 724.135 ng/ul

RT: 10.20 min Scan# 1226

Delta R.T. 0.02 min

Lab File: BN009895.D

Acq: 25 Feb 2020 11:29

Instrument :

BNA_N

ClientSampleId :

DBDJ6DL

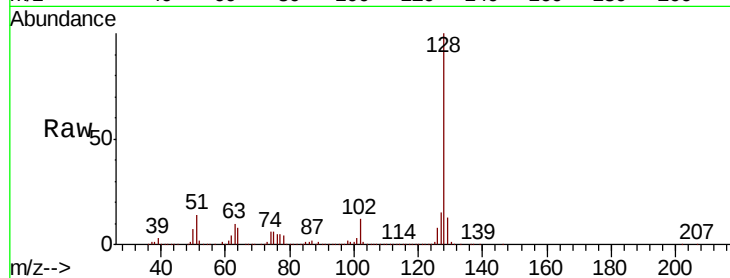
Tot Ion:128 Resp:18715753

Ion Ratio Lower Upper

128 100

129 12.8 8.6 13.0

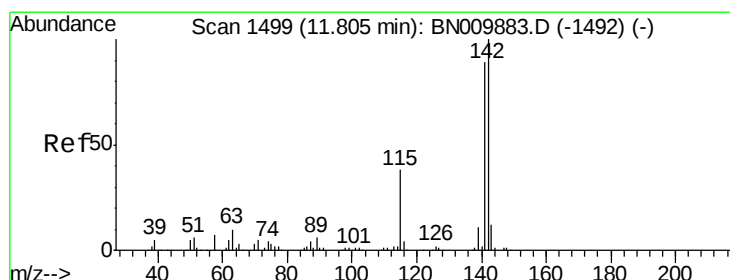
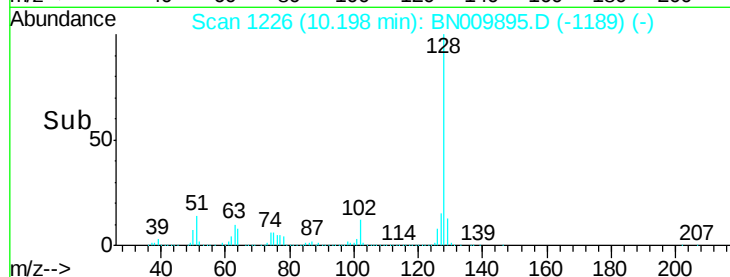
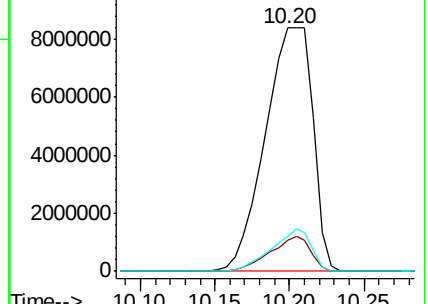
127 14.5 10.3 15.5



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: 97.402 ng/ul

RT: 11.80 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN009895.D

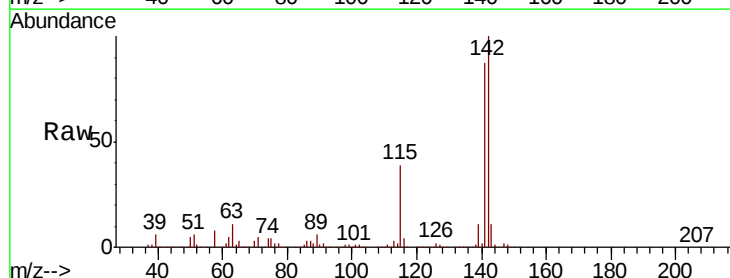
Acq: 25 Feb 2020 11:29

Tgt Ion:142 Resp: 1748014

Ion Ratio Lower Upper

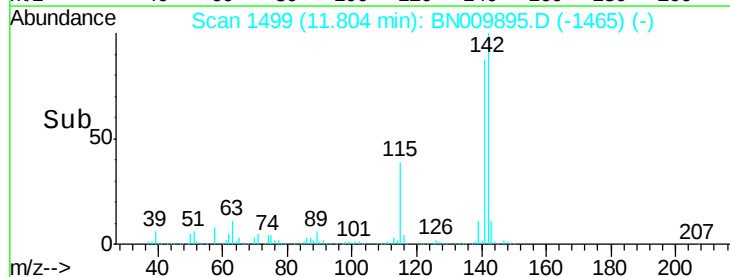
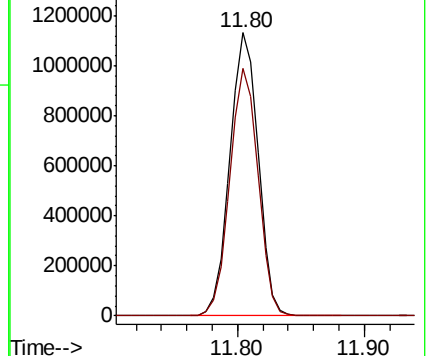
142 100

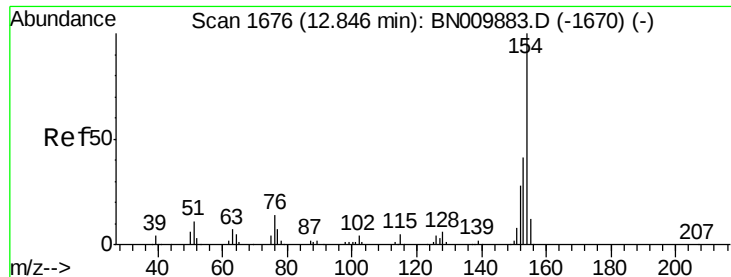
141 87.4 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

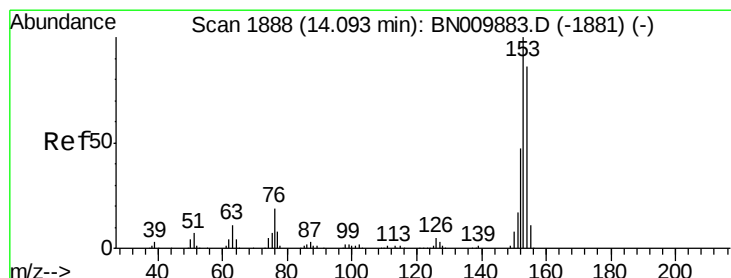
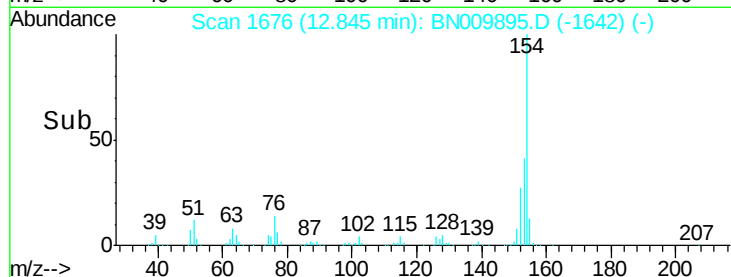
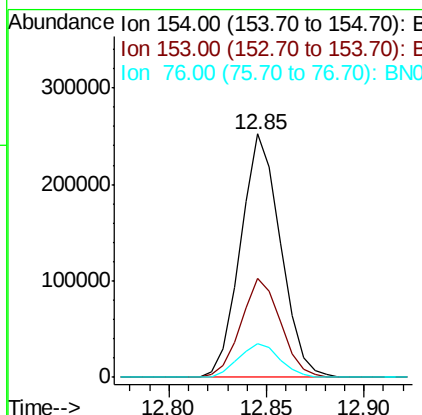
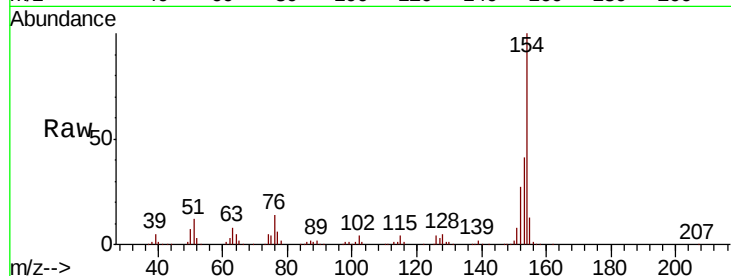




#41
 1,1'-Biphenyl
 Concen: 15.755 ng/ul
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BN009895.D
 Acq: 25 Feb 2020 11:29

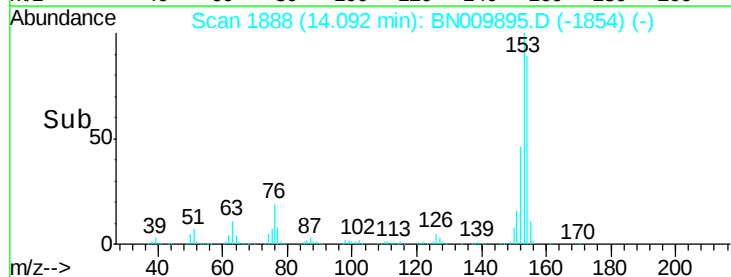
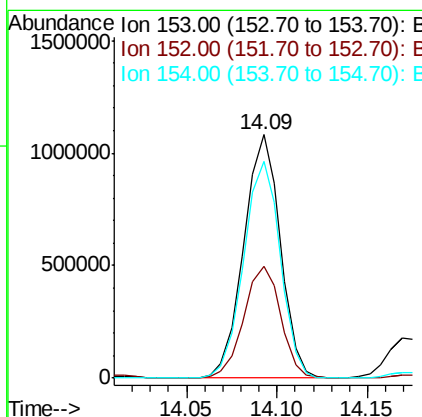
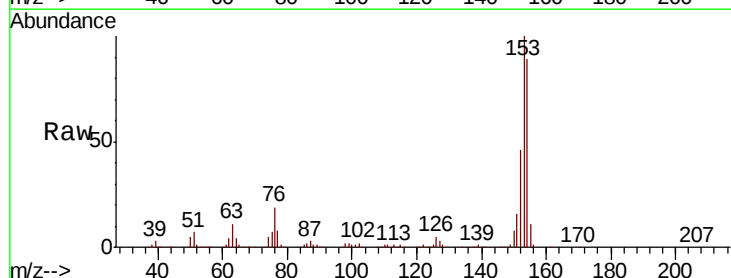
Instrument :
 BNA_N
 ClientSampleId :
 DBDJ6DL

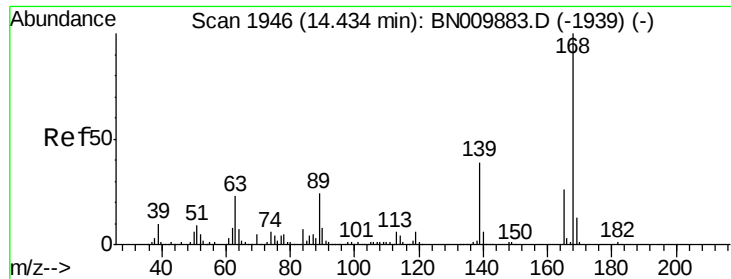
Tot Ion:154	Resp:	359400
Ion Ratio	Lower	Upper
154	100	
153	40.5	33.2 49.8
76	13.9	11.0 16.4



#50
 Acenaphthene
 Concen: 78.205 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BN009895.D
 Acq: 25 Feb 2020 11:29

Tgt Ion:153	Resp:	1516132
Ion Ratio	Lower	Upper
153	100	
152	45.8	36.6 54.8
154	88.9	70.6 106.0





#54

Dibenzofuran

Concen: 44.361 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN009895.D

Acq: 25 Feb 2020 11:29

Instrument :

BNA_N

ClientSampleId :

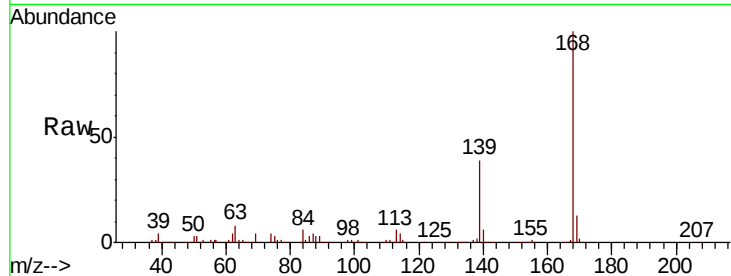
DBDJ6DL

Tot Ion:168 Resp: 1207103

Ion Ratio Lower Upper

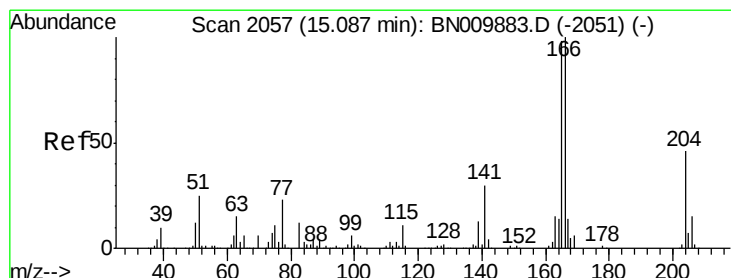
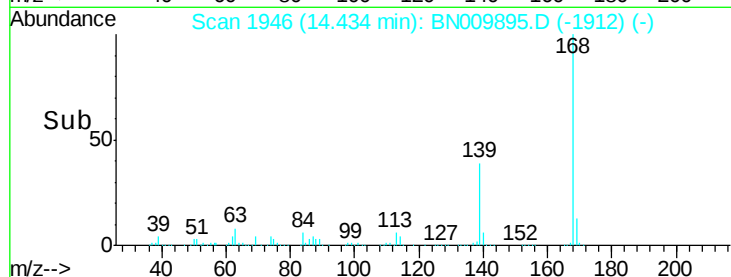
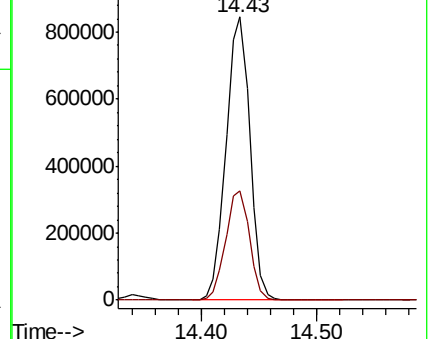
168 100

139 38.7 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 37.062 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BN009895.D

Acq: 25 Feb 2020 11:29

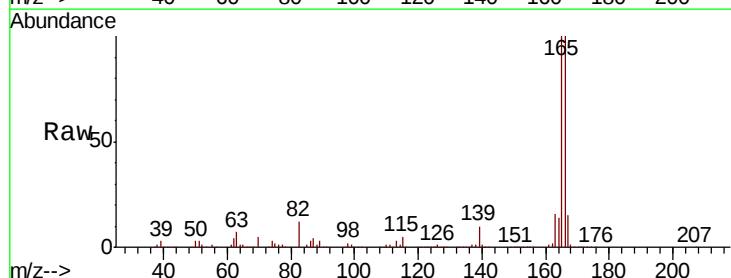
Tgt Ion:166 Resp: 846356

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

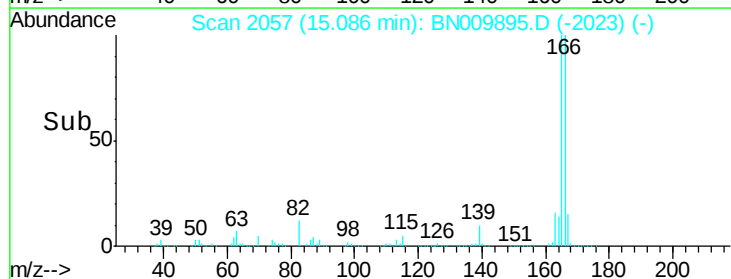
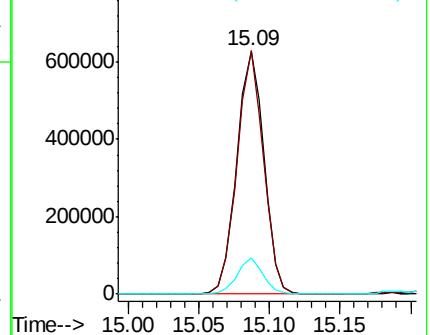
167 14.8 10.7 16.1

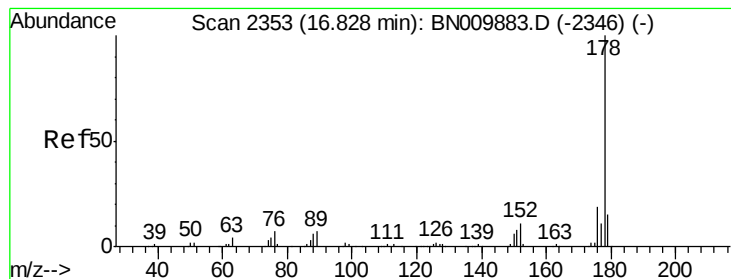


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 39.790 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN009895.D

Acq: 25 Feb 2020 11:29

Instrument :

BNA_N

ClientSampleId :

DBDJ6DL

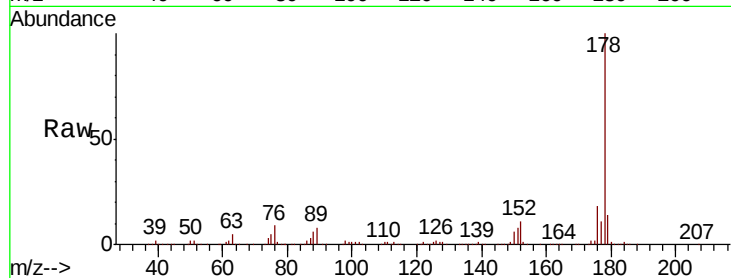
Tot Ion:178 Resp: 1438388

Ion Ratio Lower Upper

178 100

179 13.9 12.5 18.7

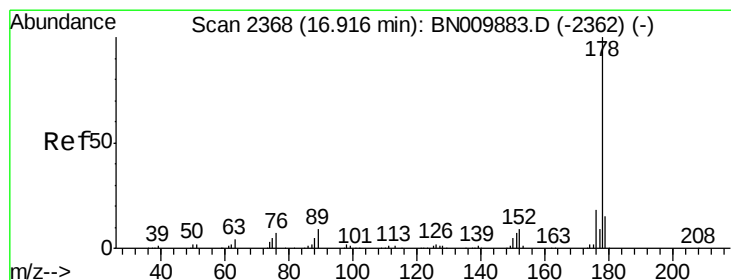
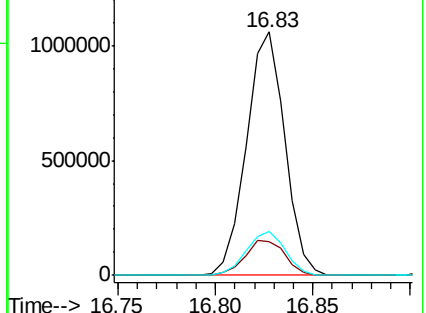
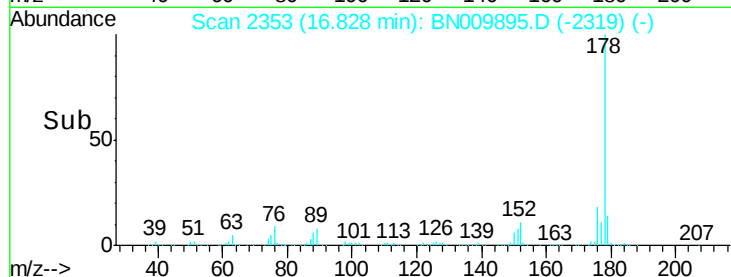
176 18.0 14.6 22.0



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: 1.006 ng/ul

RT: 16.92 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN009895.D

Acq: 25 Feb 2020 11:29

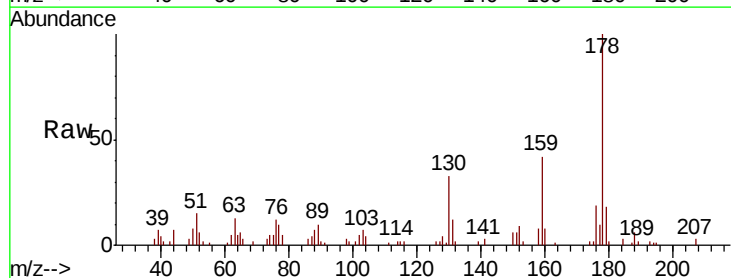
Tgt Ion:178 Resp: 37161

Ion Ratio Lower Upper

178 100

179 17.6 12.2 18.2

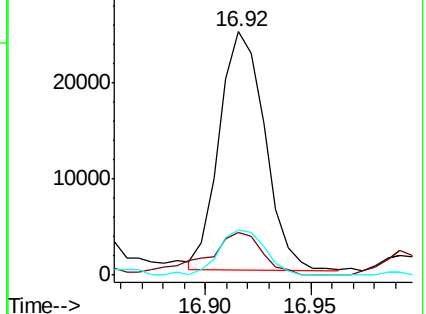
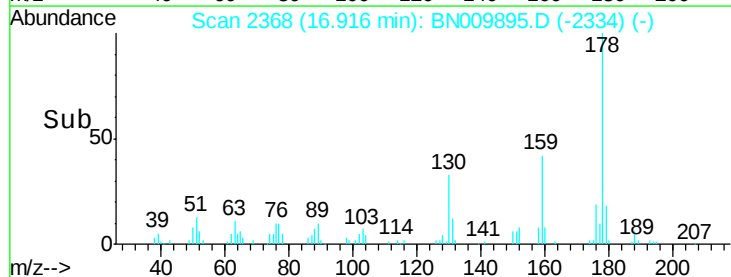
176 18.6 14.6 21.8

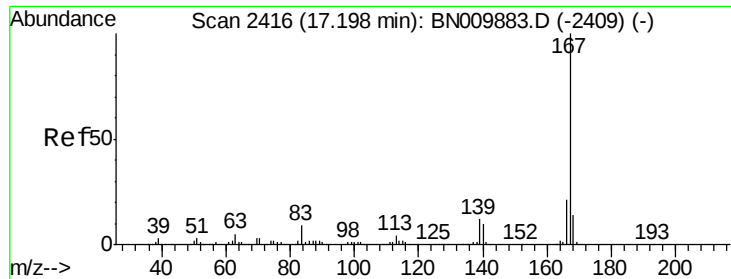


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 18.236 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN009895.D

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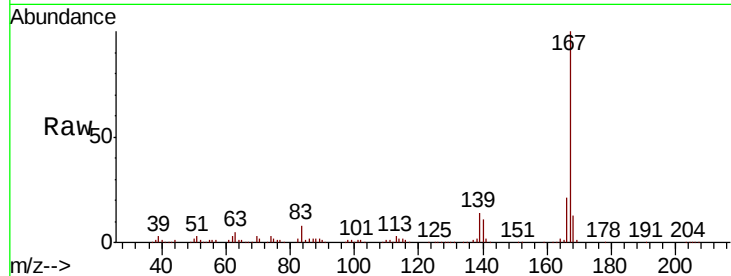
Tot Ion:167 Resp: 593447

Ion Ratio Lower Upper

167 100

166 21.4 16.6 24.8

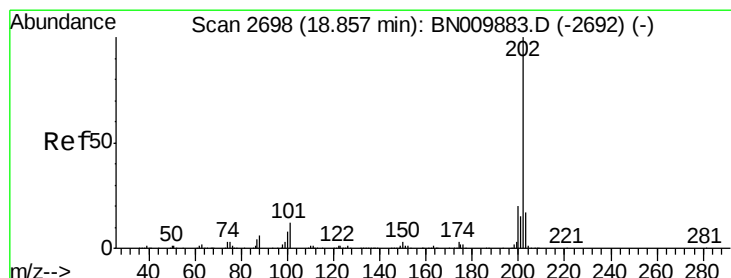
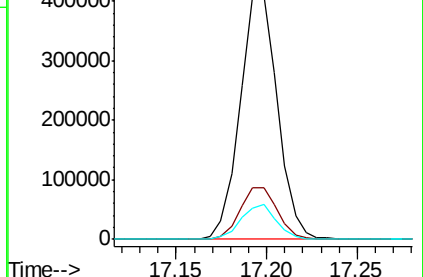
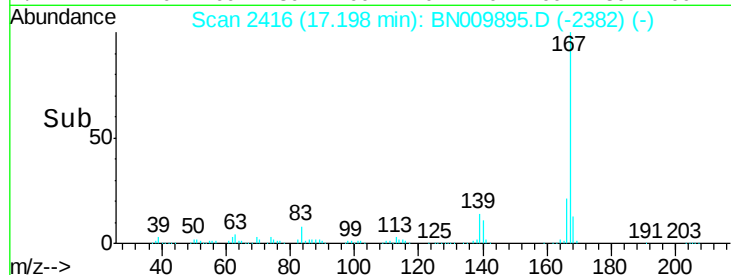
139 14.2 9.9 14.9



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



#77

Fluoranthene

Concen: 2.100 ng/ul

RT: 18.86 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BN009895.D

Acq: 25 Feb 2020 11:29

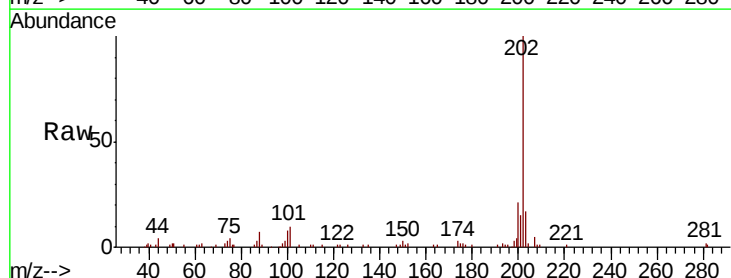
Tgt Ion:202 Resp: 88907

Ion Ratio Lower Upper

202 100

101 10.4 9.4 14.2

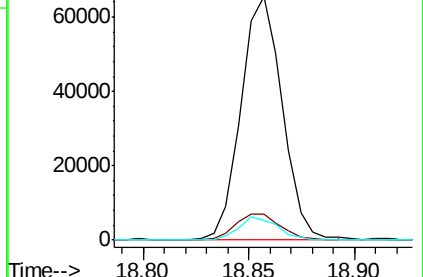
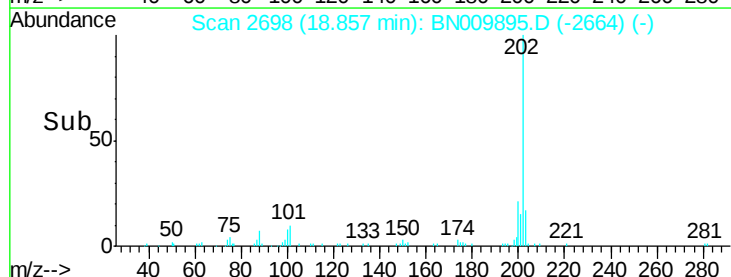
100 8.3 7.2 10.8

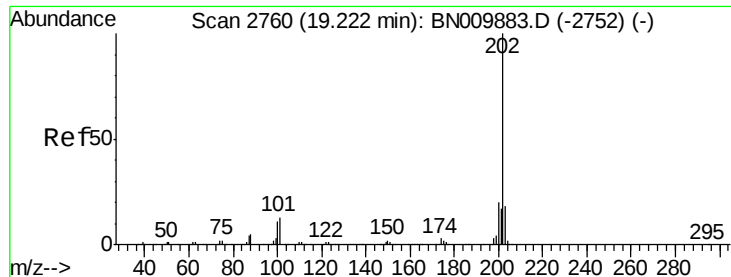


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80
 Pvrene
 Concen: 1.047 ng/ul
 RT: 19.22 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BN009895.D
 Acq: 25 Feb 2020 11:29

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.3	16.9
100	8.7	9.0	13.6

