

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
 Data File : BN009896.D
 Acq On : 25 Feb 2020 12:05
 Operator : CG/JU
 Sample : L1582-04DL2 30X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ6DL2

Quant Time: Feb 25 14:01:04 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	96338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	395439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	252641	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	557884	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	531546	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	548258	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.63	99	114	0.01	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.76	67	4741	0.84	ng/ul	0.02
9) 2-Chlorophenol-d4	6.95	132	3594	0.58	ng/ul	0.02
13) 4-Methylphenol-d8	8.13	113	1765	0.27	ng/ul	0.03
19) Nitrobenzene-d5	8.55	128	1007	0.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.26	143	1973	0.62	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	3144	0.52	ng/ul	0.05
29) 4-Chloroaniline-d4	10.30	131	1054	0.15	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	21394	1.13	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	22596	1.02	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.03	176	19580	1.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	117	0.03	ng/ul	0.04
71) Anthracene-d10	16.78	188	557884	21.82	ng/ul	-0.10
79) Pyrene-d10	19.19	212	32581	1.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	28336	1.03	ng/ul	0.00

Target Compounds

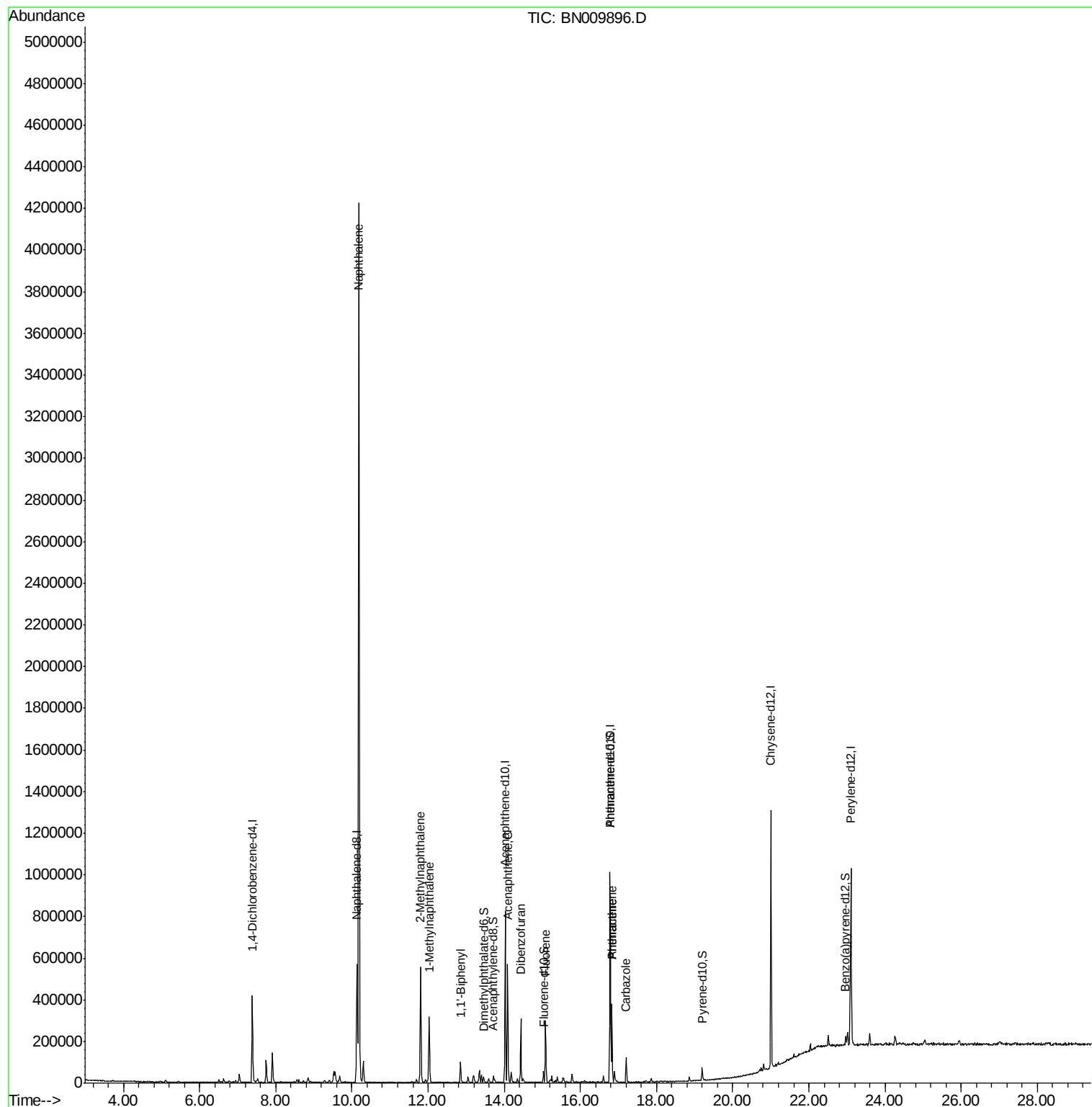
						Qvalue
28) Naphthalene	10.18	128	2867280	134.46	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	244017	16.48	ng/ul	98
35) 1-Methylnaphthalene	12.03	142	143593	9.67	ng/uL	100
41) 1,1'-Biphenyl	12.85	154	51487	2.65	ng/ul	100
50) Acenaphthene	14.09	153	216410	13.12	ng/ul	97
54) Dibenzofuran	14.43	168	175197	7.57	ng/ul	98
59) Fluorene	15.09	166	121723	6.27	ng/ul	98
70) Phenanthrene	16.83	178	210919	6.62	ng/ul	98
72) Anthracene	16.83	178	210919	6.48	ng/ul	98
75) Carbazole	17.20	167	76009	2.65	ng/ul	98

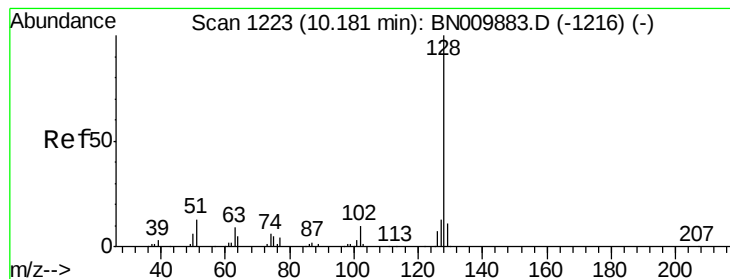
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 25 14:01:04 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: 134.46 ng/ul

RT: 10.18 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

Instrument :

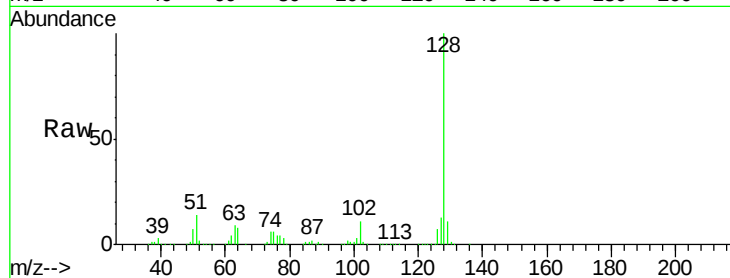
BNA_N

ClientSampleId :

DBDJ6DL2

Tgt Ion:128 Resp: 2867280

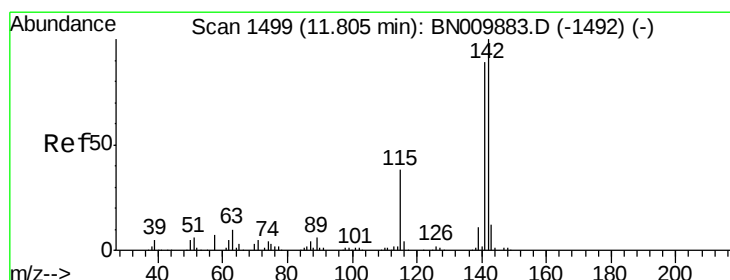
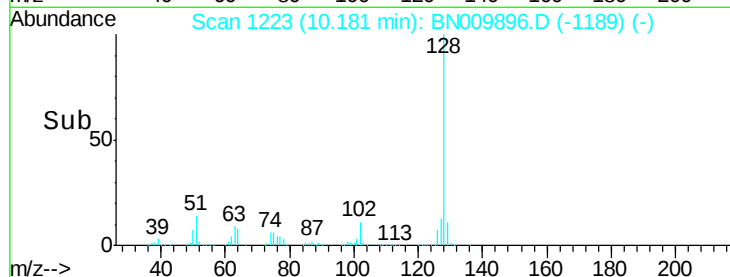
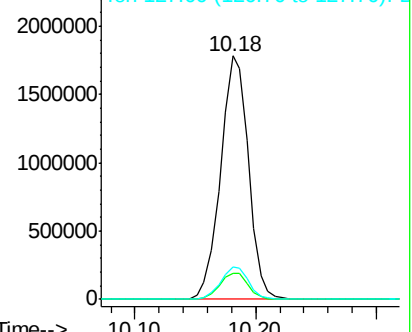
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.3	15.5



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: 16.48 ng/ul

RT: 11.80 min Scan# 1499

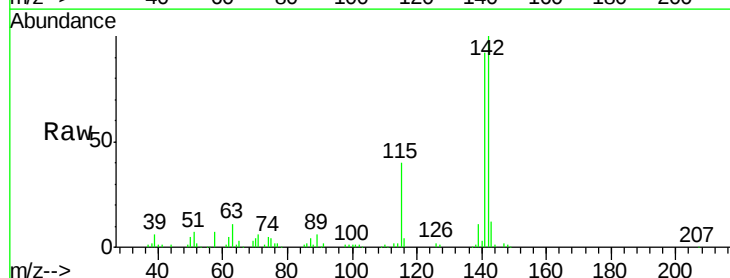
Delta R.T. -0.00 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

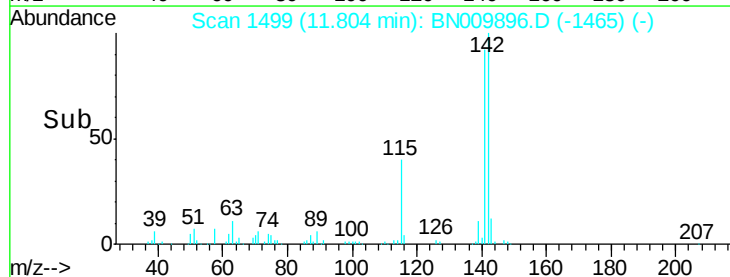
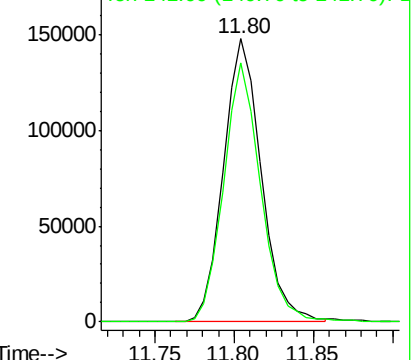
Tgt Ion:142 Resp: 244017

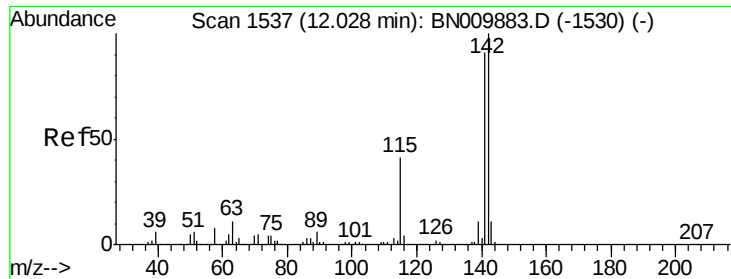
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.1	108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

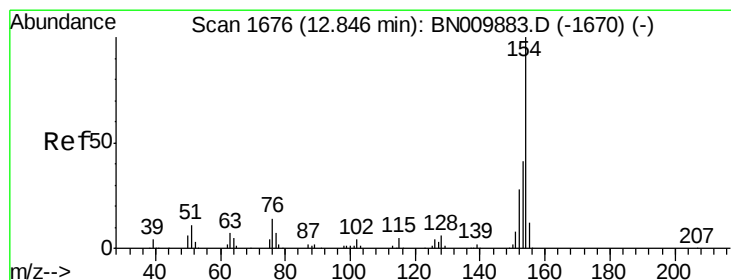
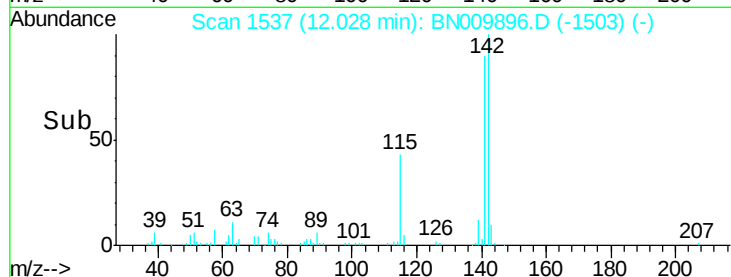
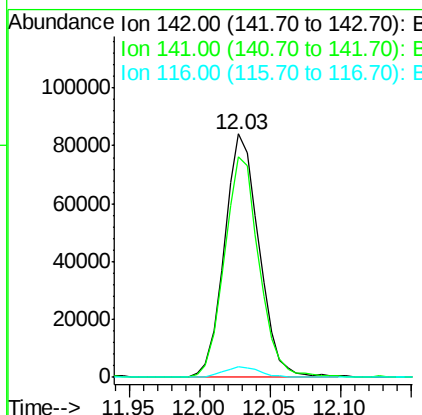
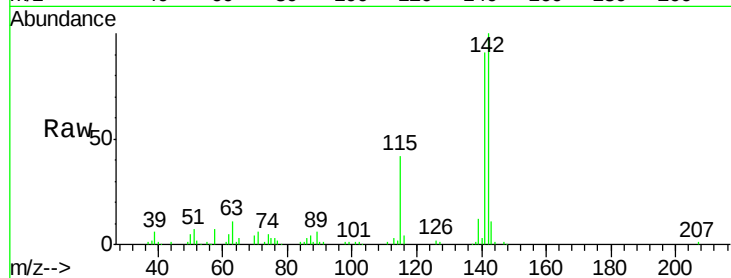




#35
 1-Methylnaphthalene
 Concen: 9.67 ng/uL
 RT: 12.03 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BN009896.D
 Acq: 25 Feb 2020 12:05

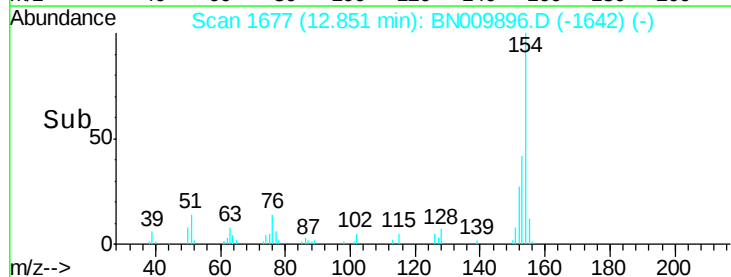
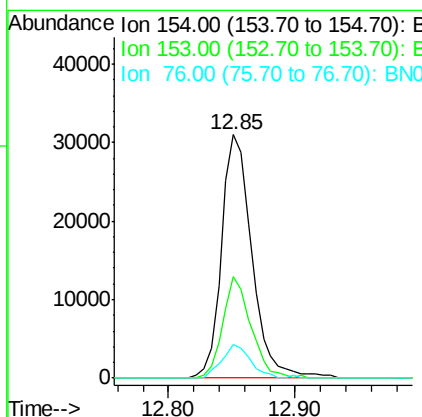
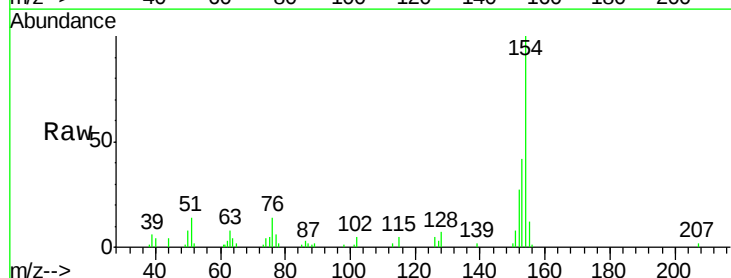
Instrument :
 BNA_N
 ClientSampleId :
 DBDJ6DL2

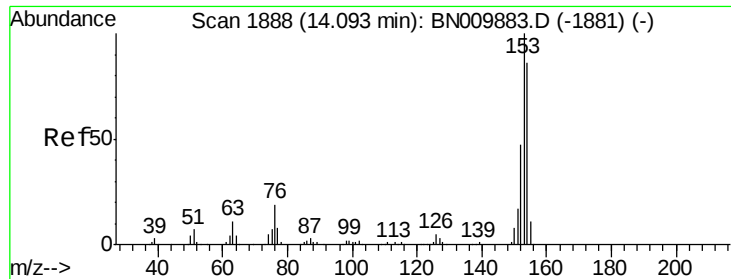
Tgt Ion:142 Resp: 143593
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.8 109.2
 116 4.4 3.2 4.8



#41
 1,1'-Biphenyl
 Concen: 2.65 ng/uL
 RT: 12.85 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BN009896.D
 Acq: 25 Feb 2020 12:05

Tgt Ion:154 Resp: 51487
 Ion Ratio Lower Upper
 154 100
 153 41.6 33.2 49.8
 76 14.0 11.0 16.4





#50

Acenaphthene

Concen: 13.12 ng/ul

RT: 14.09 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

Instrument :

BNA_N

ClientSampleId :

DBDJ6DL2

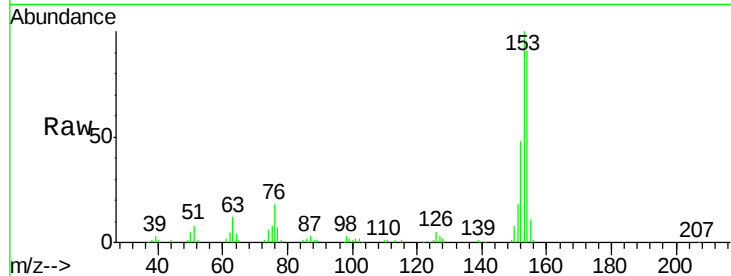
Tgt Ion:153 Resp: 216410

Ion Ratio Lower Upper

153 100

152 47.7 36.6 54.8

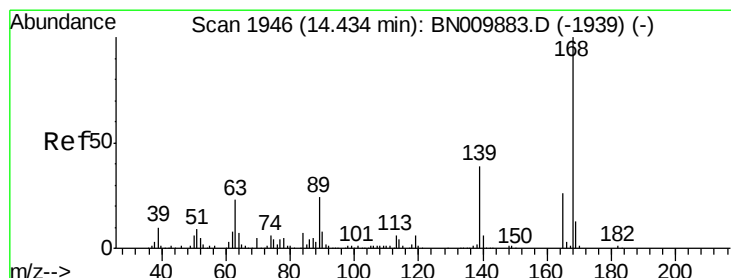
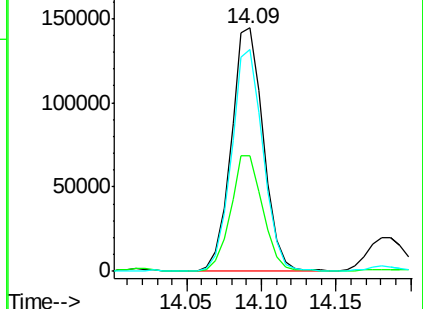
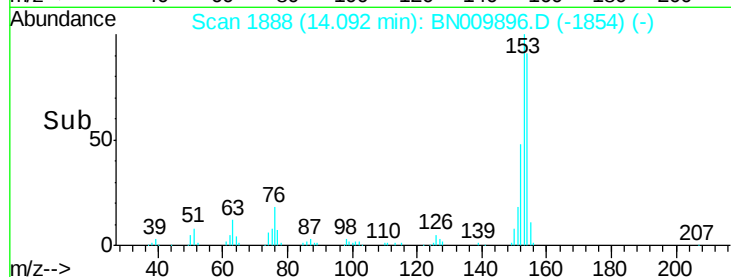
154 91.1 70.6 106.0



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: 7.57 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN009896.D

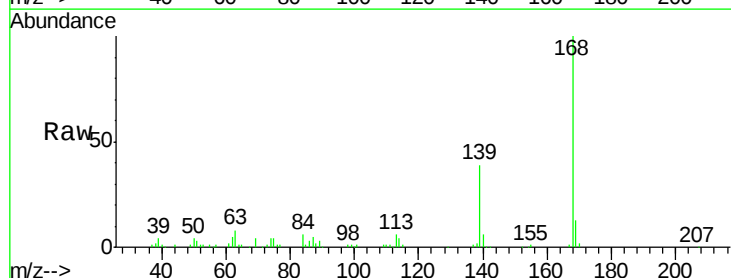
Acq: 25 Feb 2020 12:05

Tgt Ion:168 Resp: 175197

Ion Ratio Lower Upper

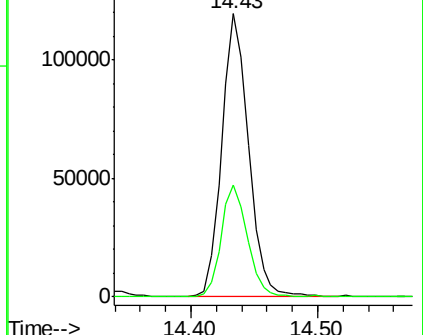
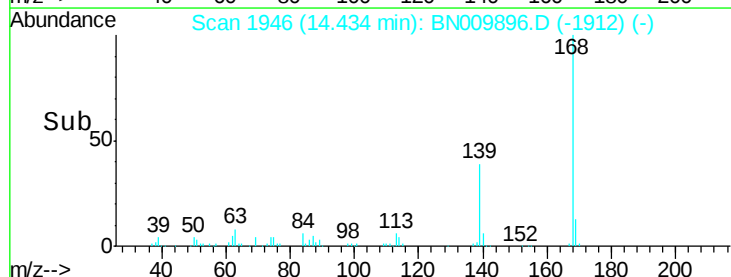
168 100

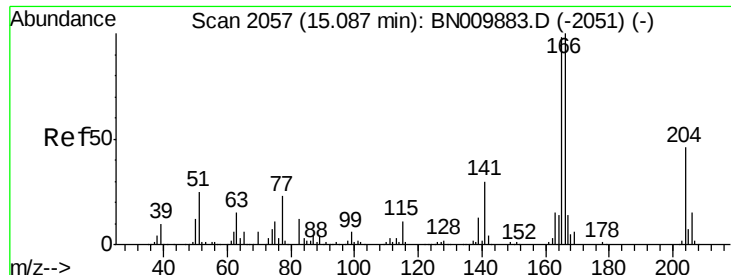
139 39.5 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 6.27 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

Instrument :

BNA_N

ClientSampleId :

DBDJ6DL2

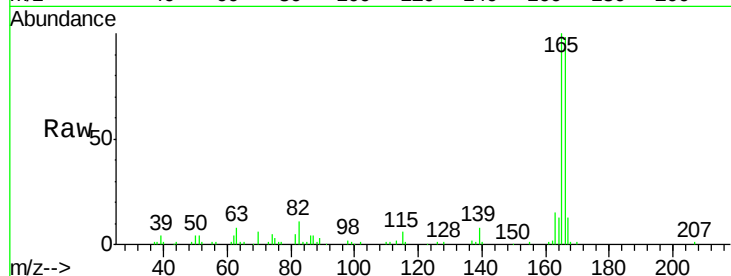
Tgt Ion:166 Resp: 121723

Ion Ratio Lower Upper

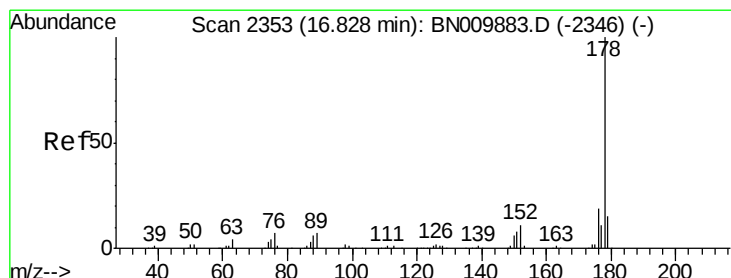
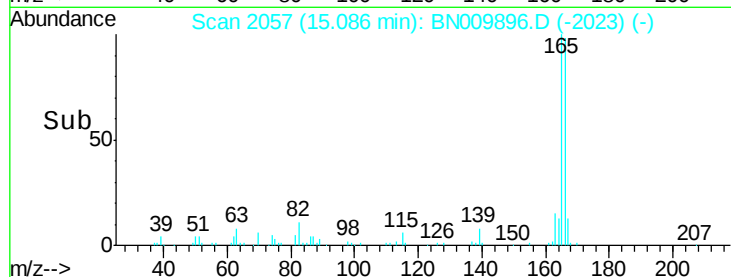
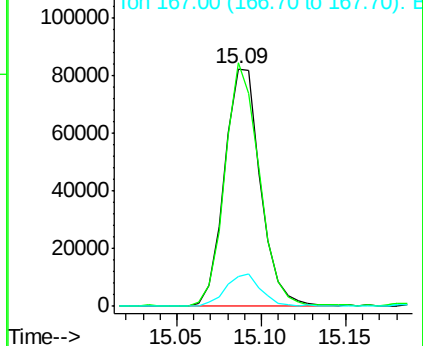
166 100

165 102.4 79.8 119.8

167 12.8 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: 6.62 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

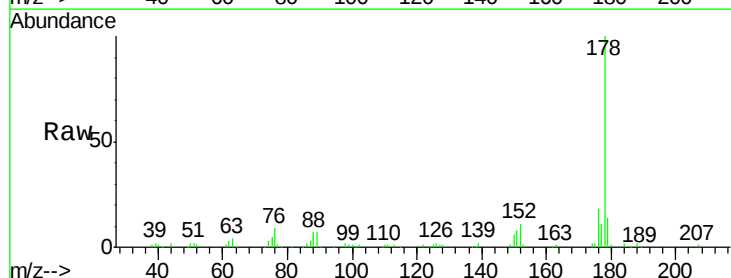
Tgt Ion:178 Resp: 210919

Ion Ratio Lower Upper

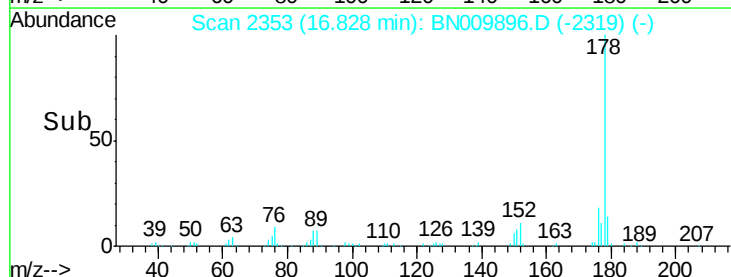
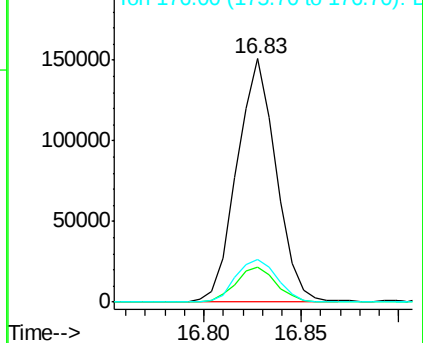
178 100

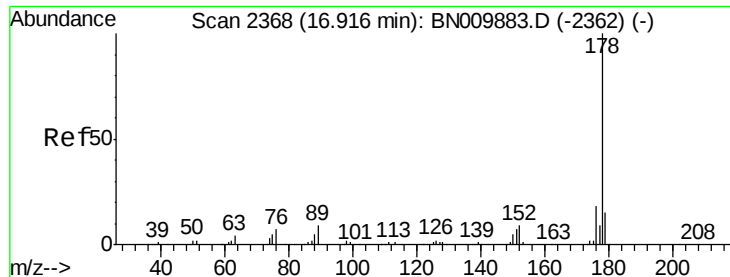
179 14.1 12.5 18.7

176 17.6 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: 6.48 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.09 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

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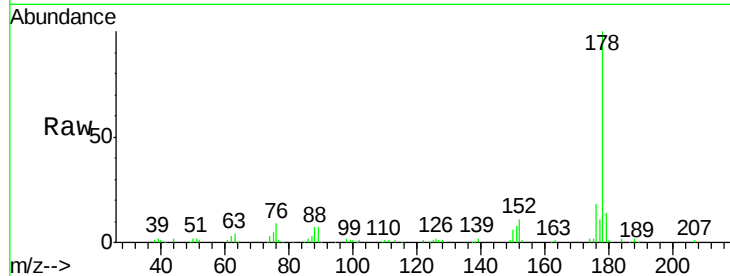
Tgt Ion:178 Resp: 210919

Ion Ratio Lower Upper

178 100

179 14.1 12.2 18.2

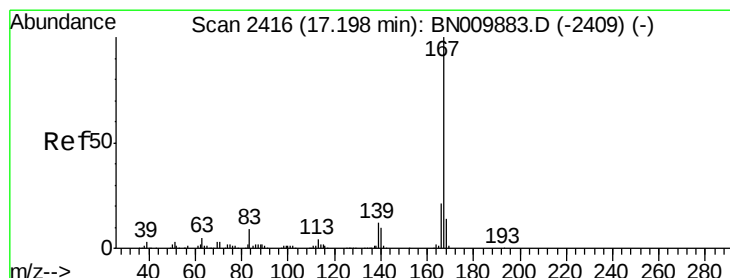
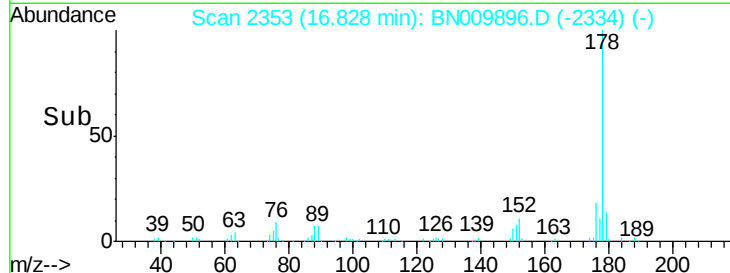
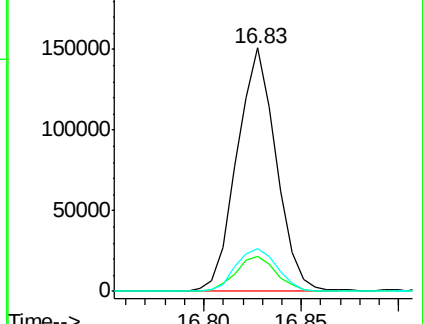
176 17.6 14.6 21.8



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: 2.65 ng/ul

RT: 17.20 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BN009896.D

Acq: 25 Feb 2020 12:05

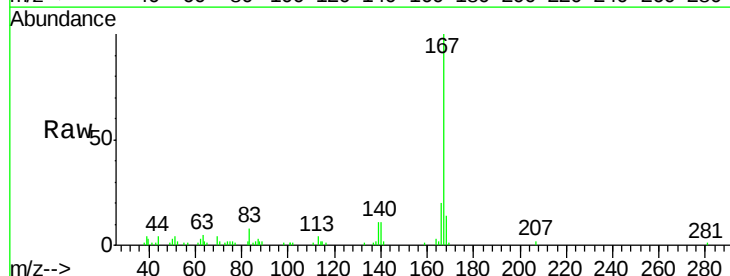
Tgt Ion:167 Resp: 76009

Ion Ratio Lower Upper

167 100

166 20.3 16.6 24.8

139 11.2 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

