

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
 Data File : BN007812.D
 Acq On : 23 Sep 2019 21:29
 Operator : HP/JU
 Sample : K4895-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDF7

Quant Time: Sep 24 11:01:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	573224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2336509	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1508958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3217636	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3434494	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3854814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17784	1.18	ng/uL	0.01
5) Phenol-d5	6.86	99	332666	6.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	744932	24.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	817828	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	572294	13.76	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	482821	28.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	480554	29.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	962383	25.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1335836	27.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3519018	29.31	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3723943	27.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	139456	6.53	ng/ul	0.00
57) Fluorene-d10	15.31	176	3046636	29.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	472072	27.19	ng/ul	0.00
70) Anthracene-d10	17.16	188	5152934	32.17	ng/ul	0.00
78) Pyrene-d10	19.46	212	6186163	33.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6749797	33.65	ng/ul	0.00

Target Compounds

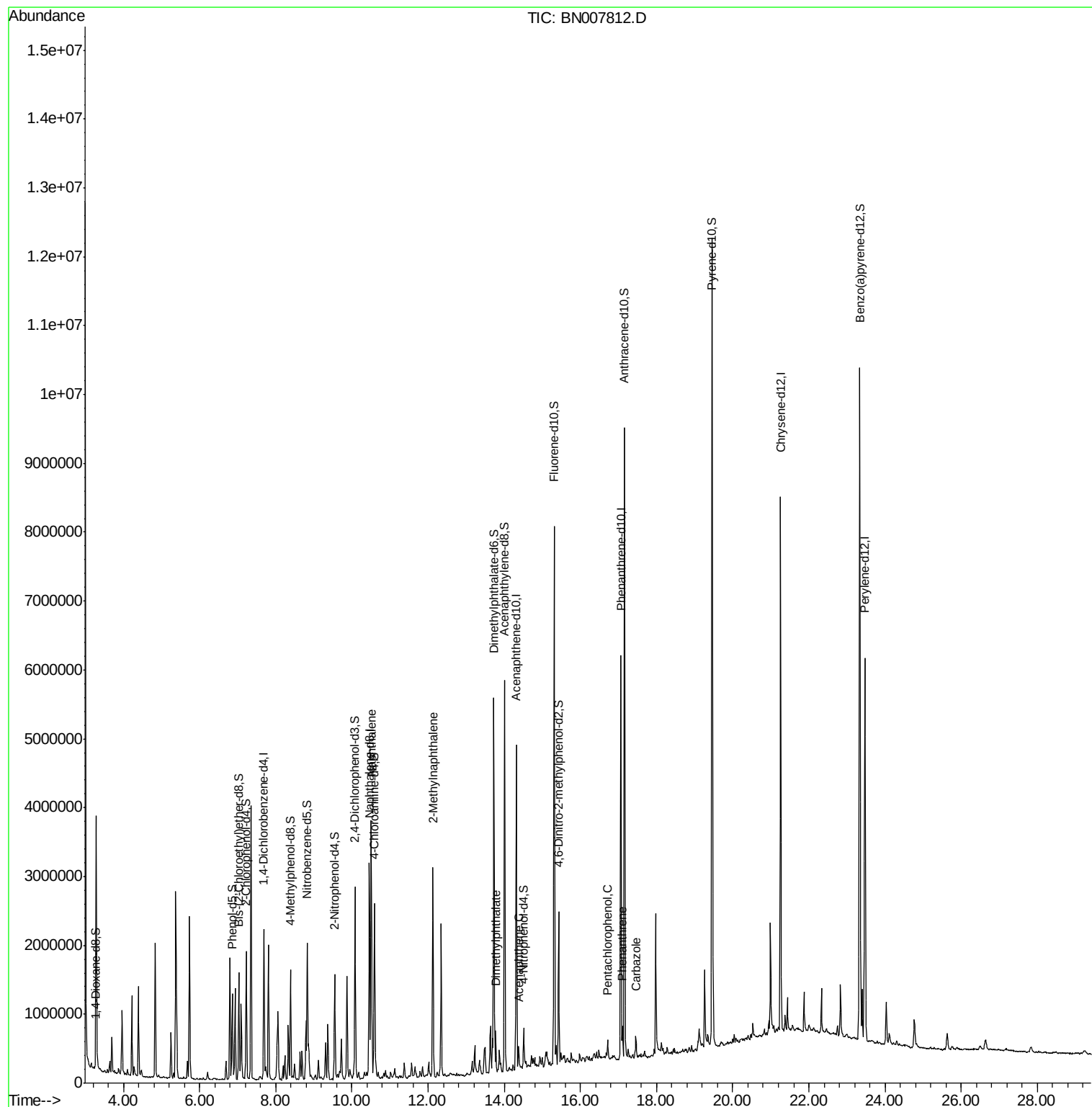
					Ovalue	
28) Naphthalene	10.51	128	2837203	21.534	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1409285	14.813	ng/ul	100
44) Dimethylphthalate	13.77	163	366982	2.998	ng/ul	99
49) Acenaphthene	14.38	153	121200	1.189	ng/ul	98
68) Pentachlorophenol	16.72	266	28798	1.232	ng/ul	93
69) Phenanthrene	17.10	178	278252	1.458	ng/ul	100
74) Carbazole	17.46	167	209307	1.296	ng/ul	98

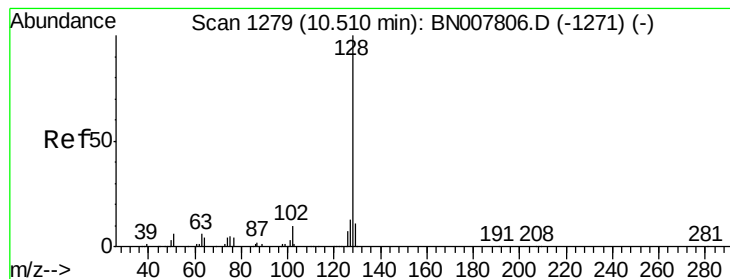
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 21.534 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BN007812.D

Acq: 23 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

BDF7

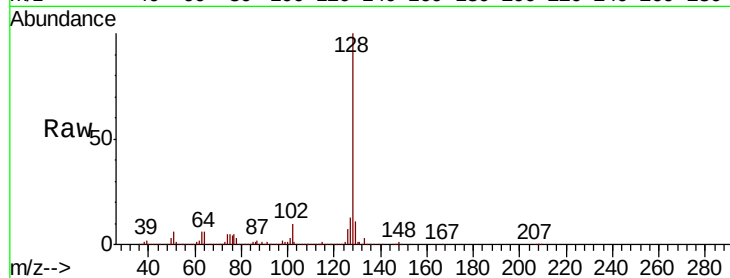
Tot Ion:128 Resp: 2837203

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

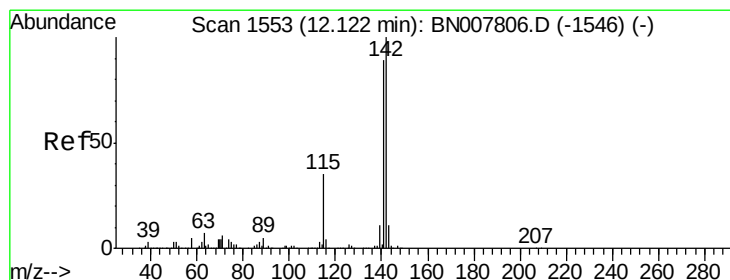
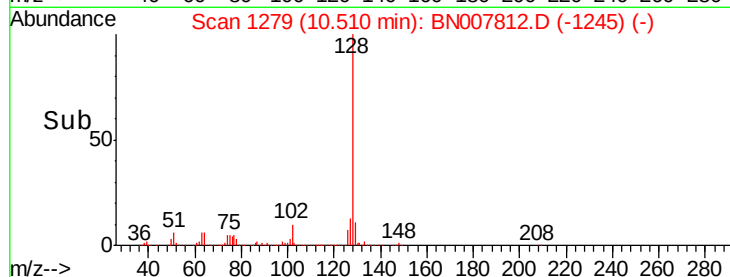
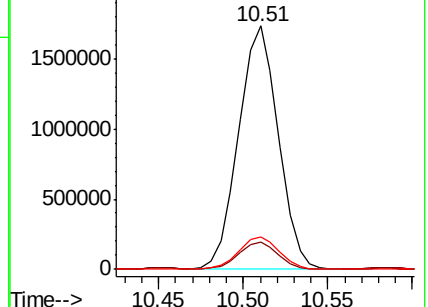
127 13.4 11.0 16.4



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: 14.813 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BN007812.D

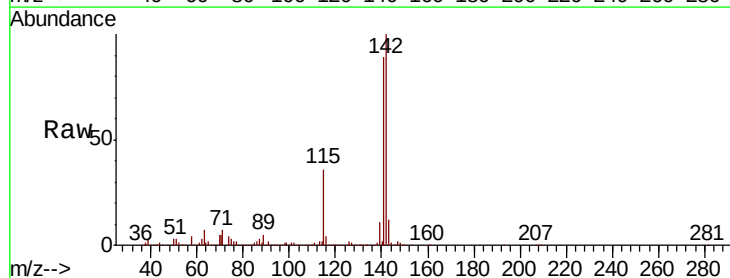
Acq: 23 Sep 2019 21:29

Tgt Ion:142 Resp: 1409285

Ion Ratio Lower Upper

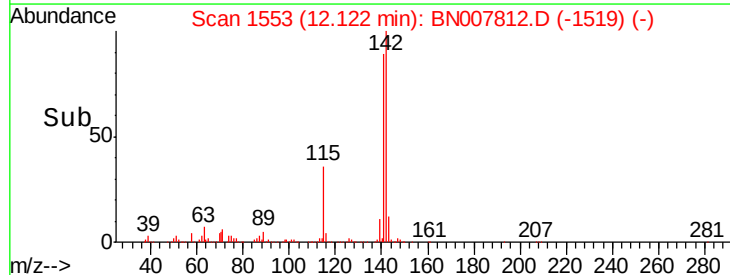
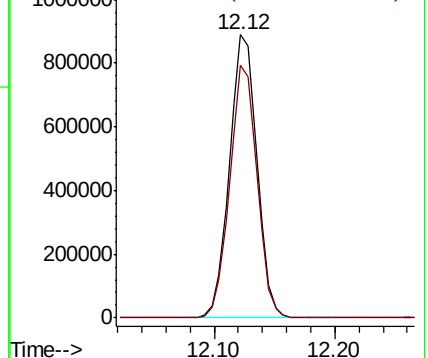
142 100

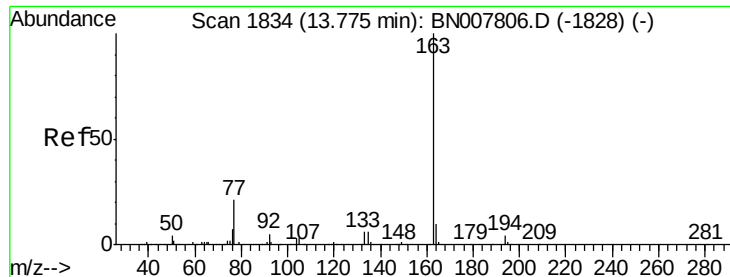
141 89.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 2.998 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BN007812.D

Acq: 23 Sep 2019 21:29

Instrument :

BNA_N

ClientSampled :

BPDF7

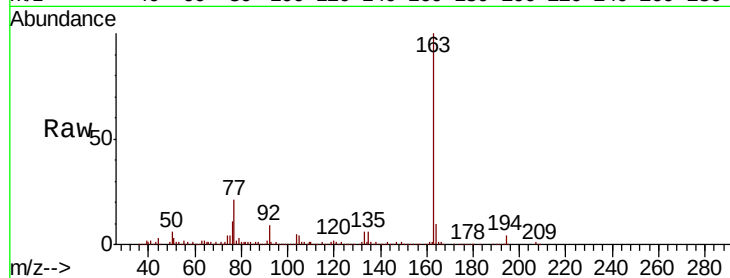
Tot Ion:163 Resp: 366982

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

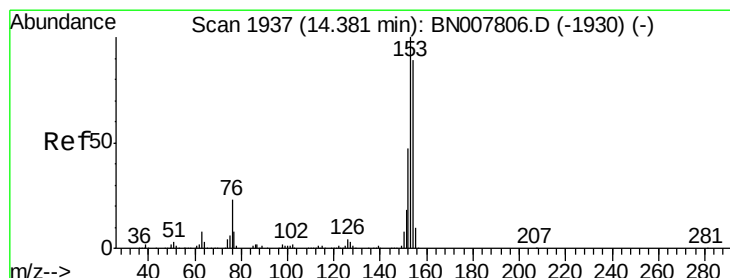
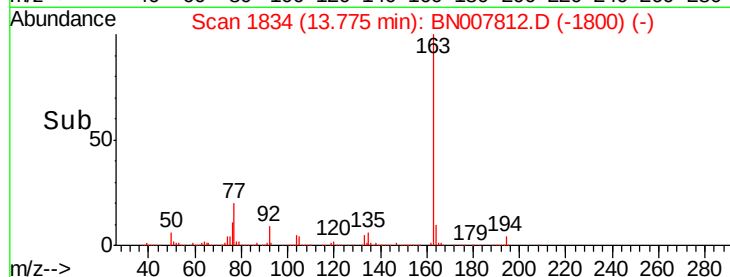
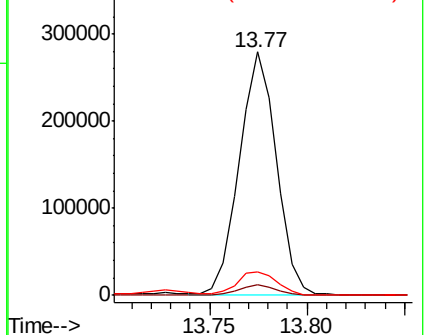
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 1.189 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BN007812.D

Acq: 23 Sep 2019 21:29

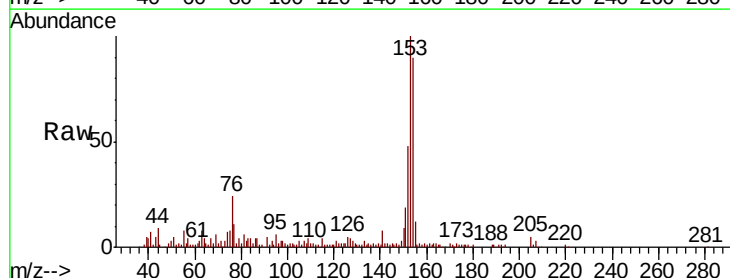
Tgt Ion:153 Resp: 121200

Ion Ratio Lower Upper

153 100

152 48.1 37.8 56.8

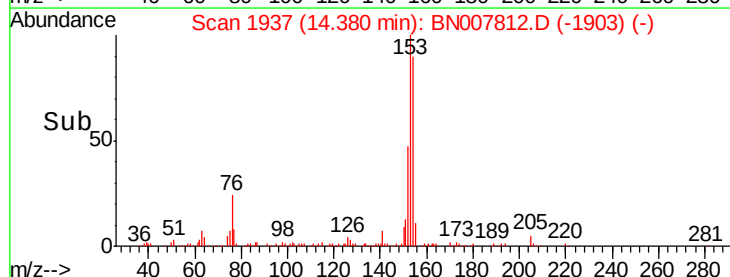
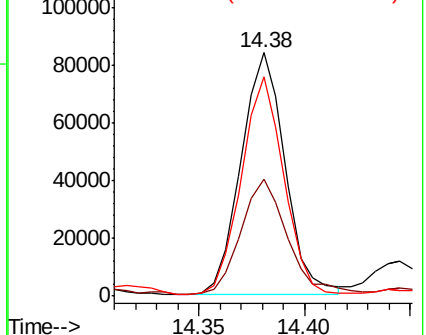
154 90.1 70.3 105.5

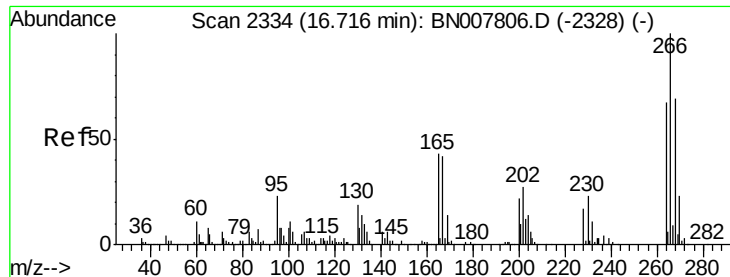


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#68

Pentachlorophenol

Concen: 1.232 ng/ul

RT: 16.72 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BN007812.D

Acq: 23 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

BDF7

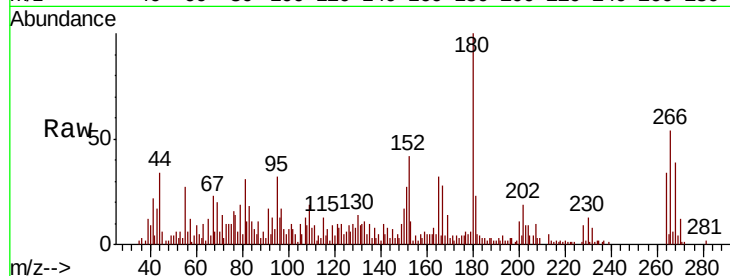
Tot Ion:266 Resp: 28798

Ion Ratio Lower Upper

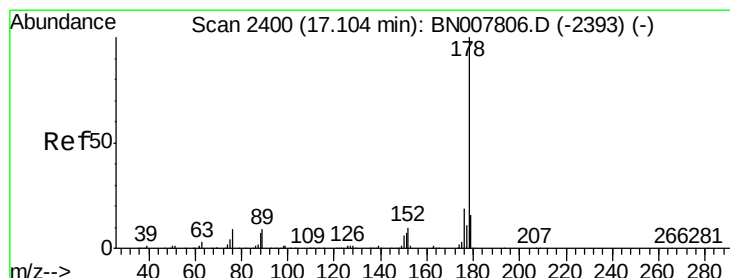
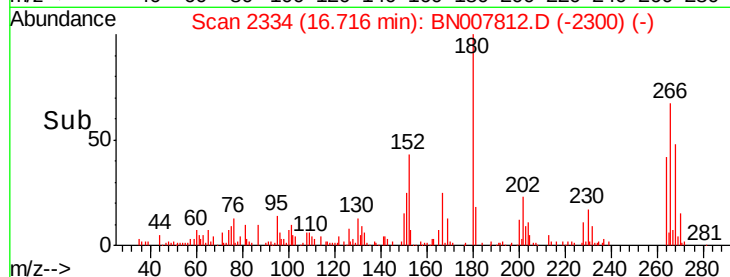
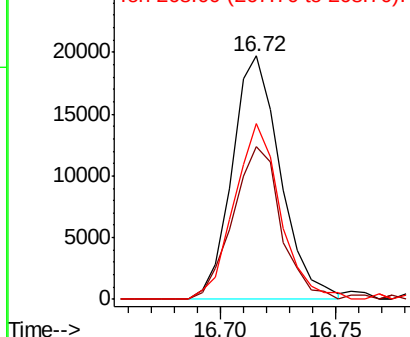
266 100

264 62.8 49.4 74.2

268 72.2 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 1.458 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BN007812.D

Acq: 23 Sep 2019 21:29

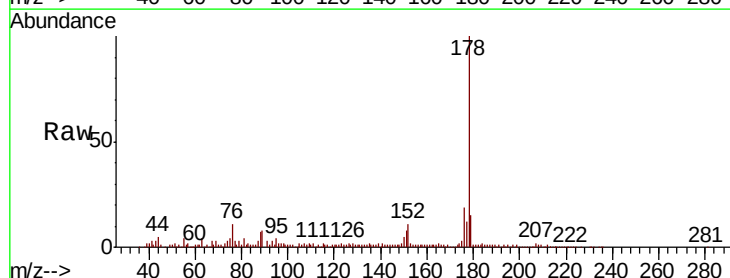
Tgt Ion:178 Resp: 278252

Ion Ratio Lower Upper

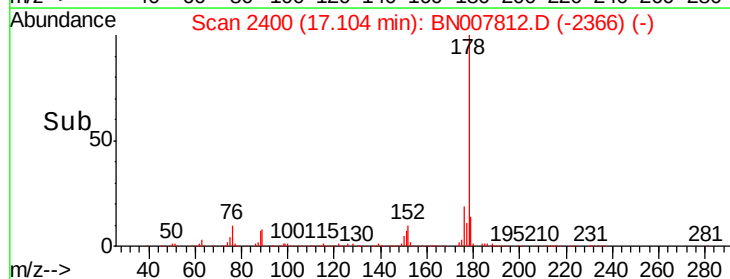
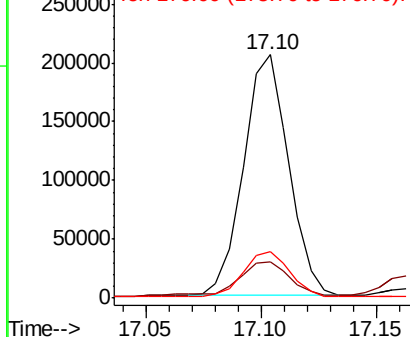
178 100

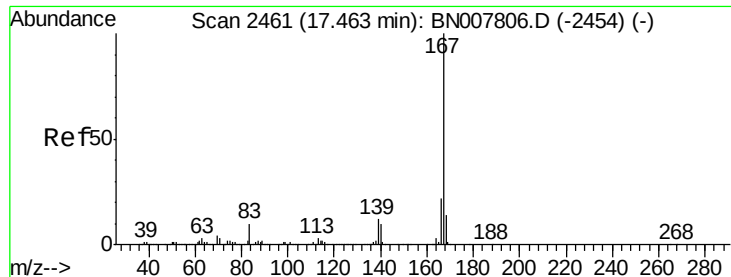
179 15.2 11.9 17.9

176 19.0 15.2 22.8



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





#74

Carbazole

Concen: 1.296 ng/ul

RT: 17.46 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BN007812.D

Acq: 23 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

BPDF7

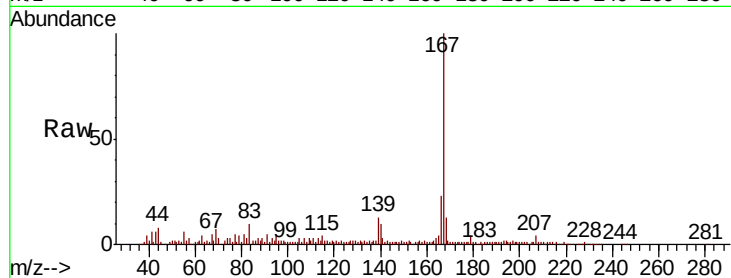
Tot Ion:167 Resp: 209307

Ion Ratio Lower Upper

167 100

166 22.8 17.0 25.4

139 12.6 10.1 15.1



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

