

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007820.D
 Acq On : 24 Sep 2019 02:16
 Operator : HP/JU
 Sample : K4895-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDH9

Quant Time: Sep 24 04:01:36 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	586681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2399440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1526430	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3244877	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3445789	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3987861	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16899	1.09	ng/uL	0.00
5) Phenol-d5	6.86	99	363242	6.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	698060	22.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	785671	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	584291	13.72	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	443080	25.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	472973	28.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	917667	23.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1149331	22.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3204530	26.38	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3536799	25.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	157845	7.31	ng/ul	0.00
57) Fluorene-d10	15.31	176	2861853	27.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	454768	25.97	ng/ul	0.00
70) Anthracene-d10	17.16	188	4713472	29.18	ng/ul	0.00
78) Pyrene-d10	19.46	212	5663435	30.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6319579	30.46	ng/ul	0.00

Target Compounds

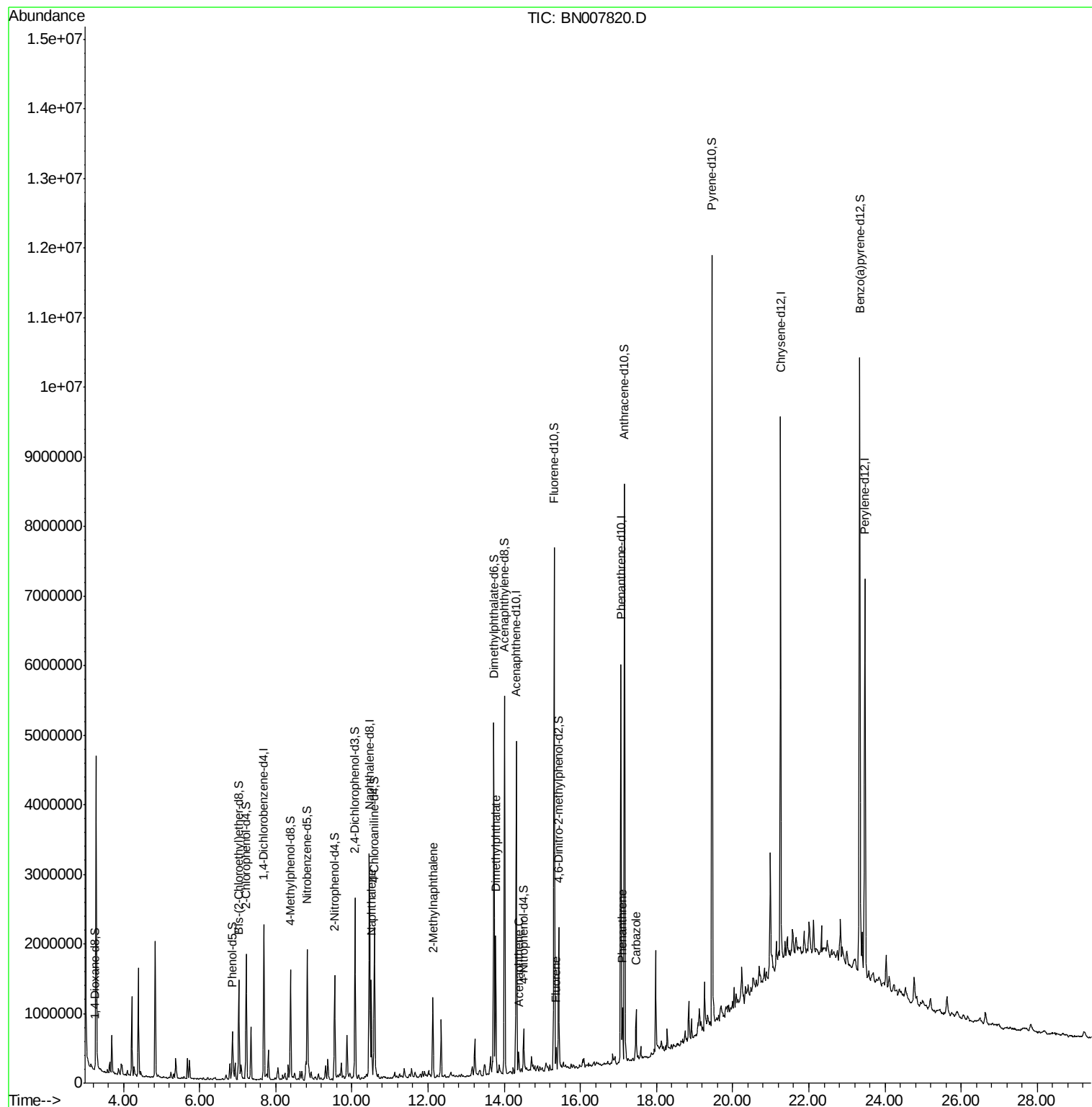
					Ovalue
28) Naphthalene	10.50	128	1049293	7.755	ng/ul 99
34) 2-Methylnaphthalene	12.12	142	521766	5.341	ng/ul 98
44) Dimethylphthalate	13.77	163	1184830	9.570	ng/ul 99
49) Acenaphthene	14.38	153	114197	1.108	ng/ul 98
58) Fluorene	15.37	166	128373	1.067	ng/ul 95
69) Phenanthrene	17.10	178	459398	2.387	ng/ul 99
74) Carbazole	17.46	167	416027	2.554	ng/ul 99

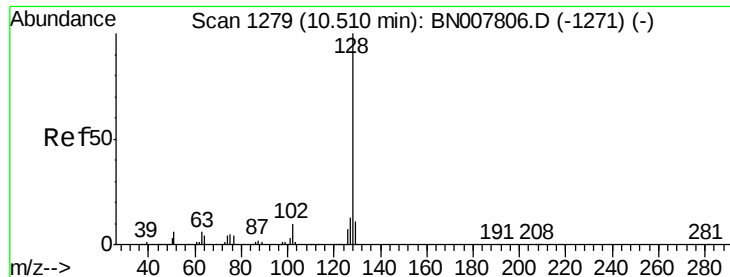
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 7.755 ng/ul

RT: 10.50 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BN007820.D

Acq: 24 Sep 2019 02:16

Instrument :

BNA_N

ClientSampleId :

BFDH9

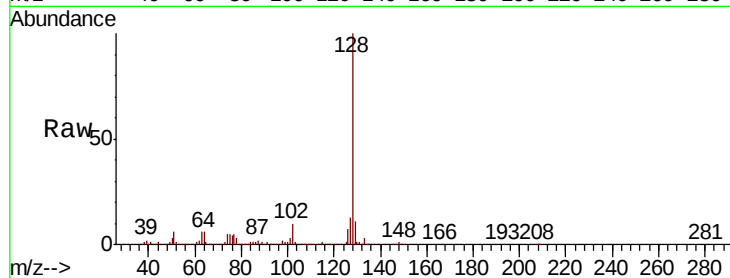
Tot Ion:128 Resp: 1049293

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

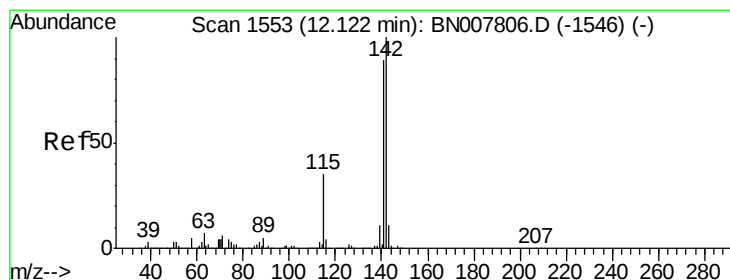
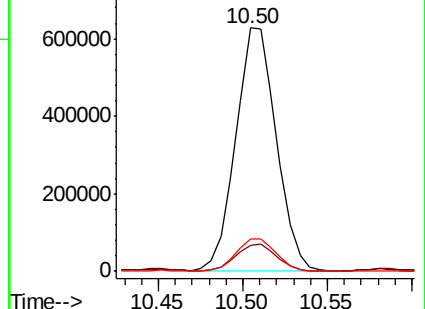
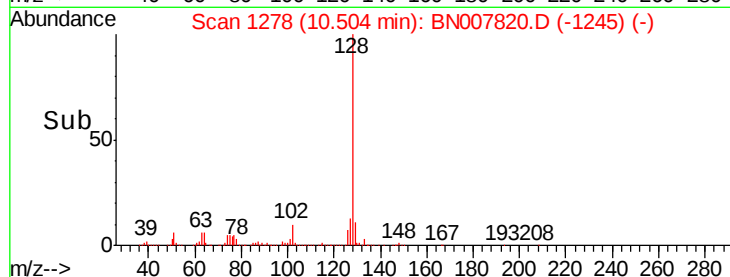
127 13.1 11.0 16.4



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: 5.341 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN007820.D

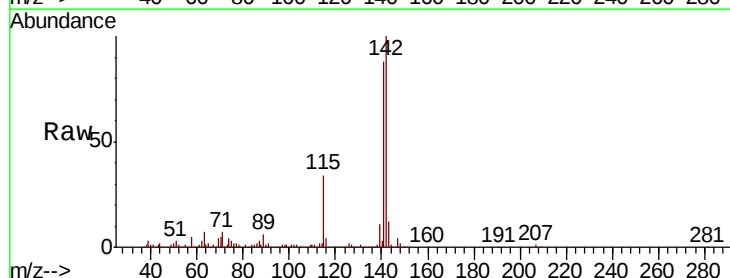
Acq: 24 Sep 2019 02:16

Tgt Ion:142 Resp: 521766

Ion Ratio Lower Upper

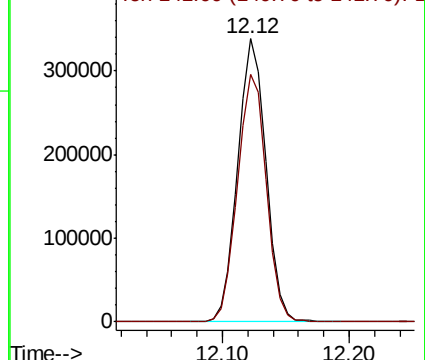
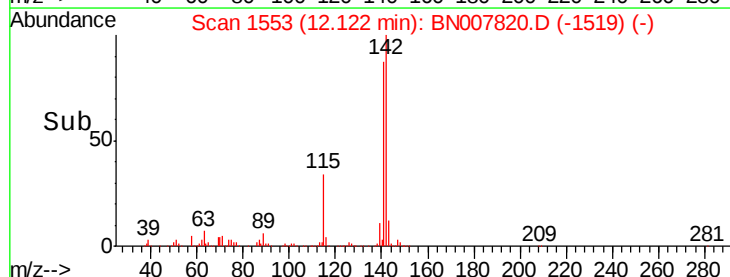
142 100

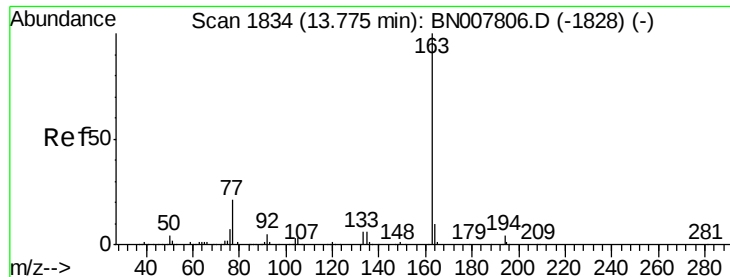
141 87.5 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

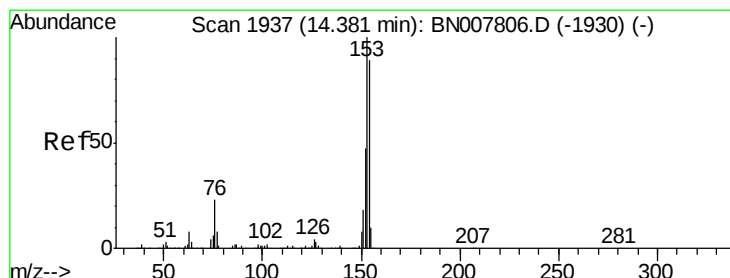
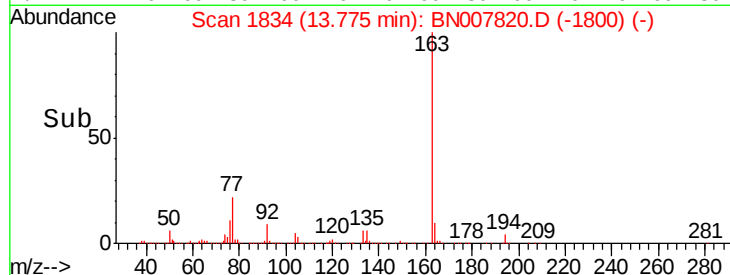
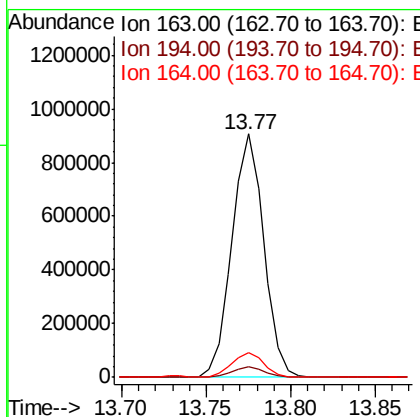
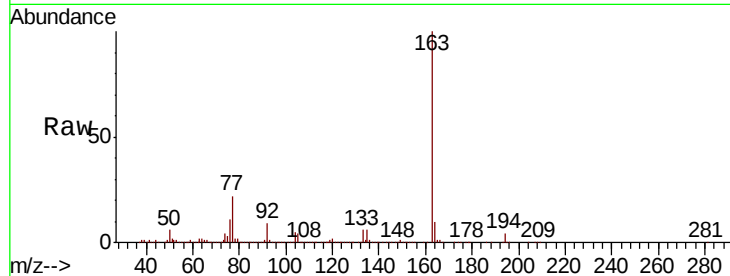




#44
Dimethylphthalate
Concen: 9.570 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

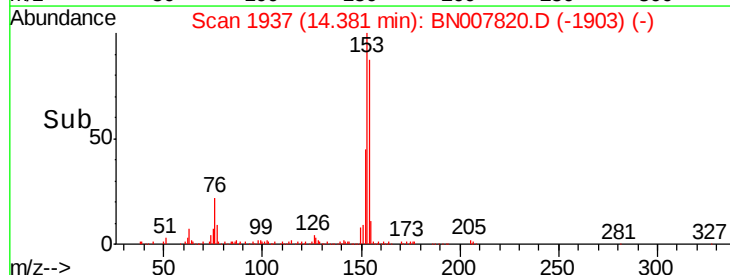
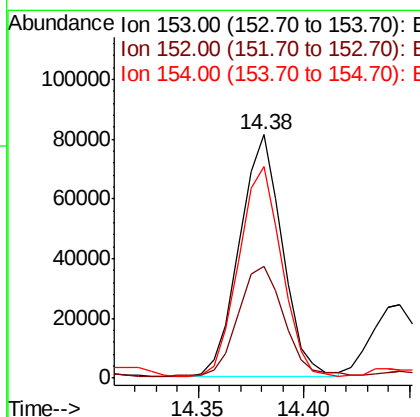
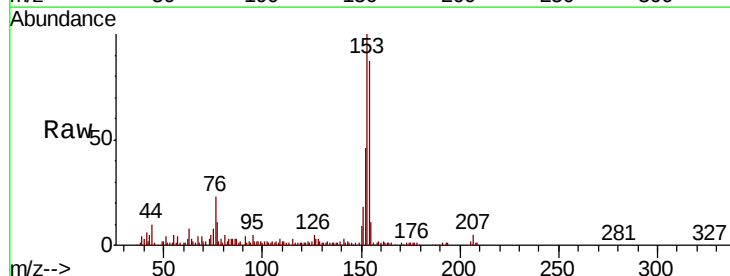
Instrument :
BNA_N
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BFDH9

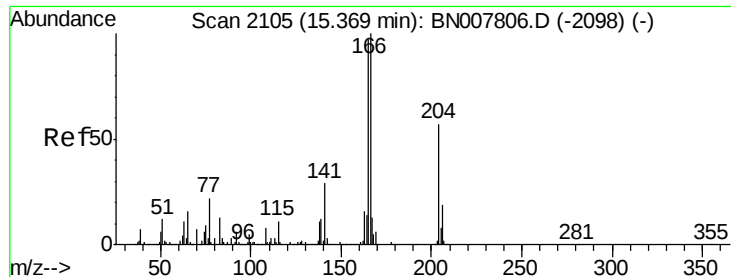
Tot Ion:163 Resp: 1184830
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.4 12.6



#49
Acenaphthene
Concen: 1.108 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Tgt Ion:153 Resp: 114197
Ion Ratio Lower Upper
153 100
152 45.8 37.8 56.8
154 86.9 70.3 105.5





#58

Fluorene

Concen: 1.067 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN007820.D

Acq: 24 Sep 2019 02:16

Instrument :

BNA_N

ClientSampleId :

BFDH9

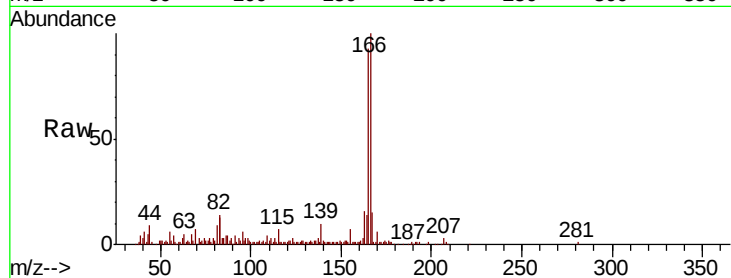
Tot Ion:166 Resp: 128373

Ion Ratio Lower Upper

166 100

165 92.8 78.6 118.0

167 14.5 10.8 16.2

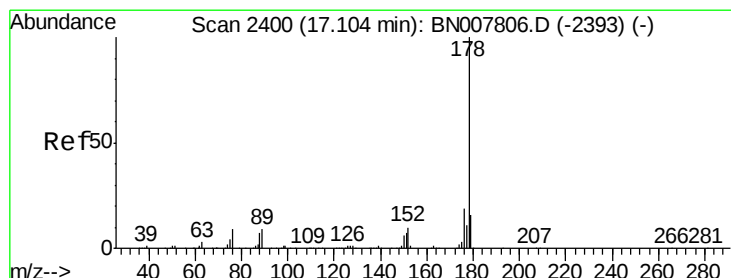
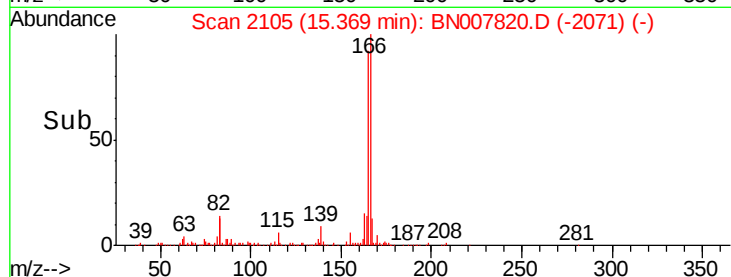
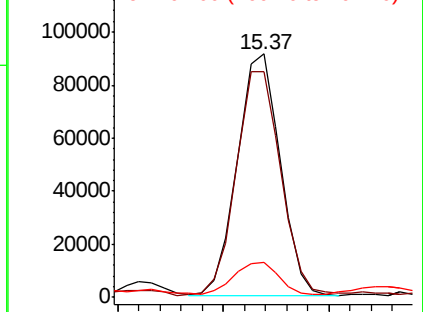


Abundance

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



#69

Phenanthrene

Concen: 2.387 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN007820.D

Acq: 24 Sep 2019 02:16

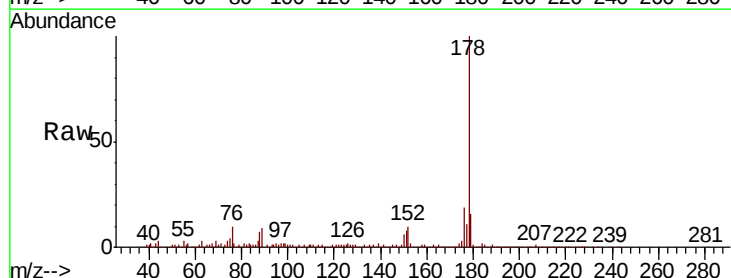
Tgt Ion:178 Resp: 459398

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

176 19.3 15.2 22.8

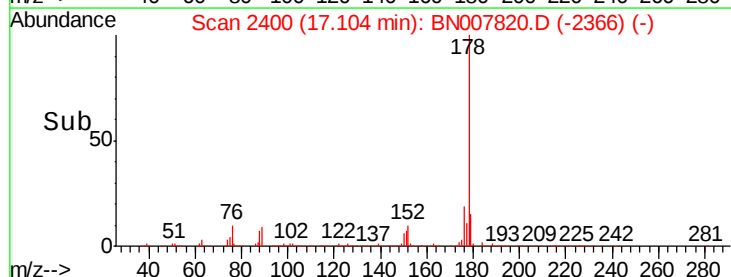
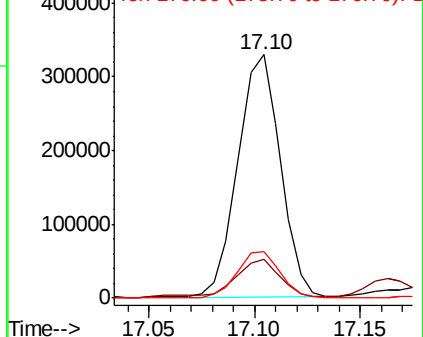


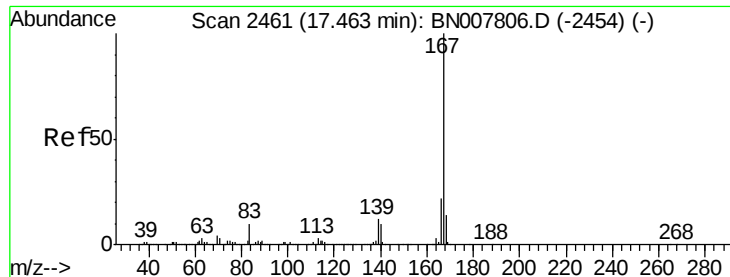
Abundance

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: 2.554 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BN007820.D

Acq: 24 Sep 2019 02:16

Instrument :

BNA_N

ClientSampleId :

BFDH9

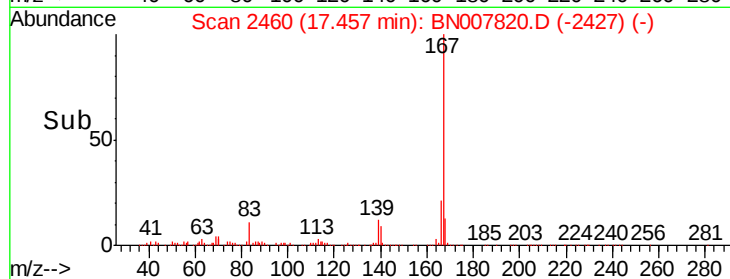
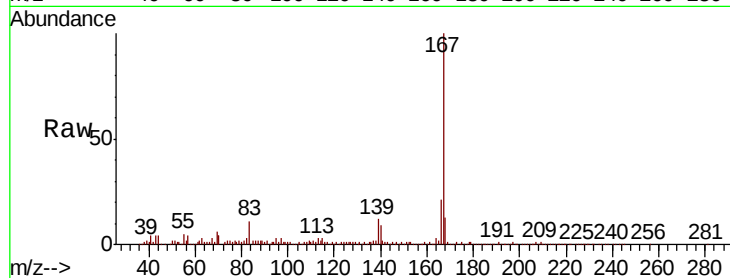
Tot Ion:167 Resp: 416027

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.3 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

