

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007814.D
 Acq On : 23 Sep 2019 22:41
 Operator : HP/JU
 Sample : K4895-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDF9

Quant Time: Sep 24 01:15:34 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	549048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2248297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1438521	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3092640	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3406619	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3870938	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	15687	1.09	ng/uL	0.01
5) Phenol-d5	6.86	99	295666	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	677530	22.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	732936	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	521128	13.08	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	429857	26.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	444100	28.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	882097	24.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1005244	21.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3122564	27.28	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3334435	25.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	117691	5.78	ng/ul	0.00
57) Fluorene-d10	15.31	176	2622848	26.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	405992	24.33	ng/ul	0.00
70) Anthracene-d10	17.16	188	4496796	29.21	ng/ul	0.00
78) Pyrene-d10	19.46	212	5521241	30.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6128226	30.43	ng/ul	0.00

Target Compounds

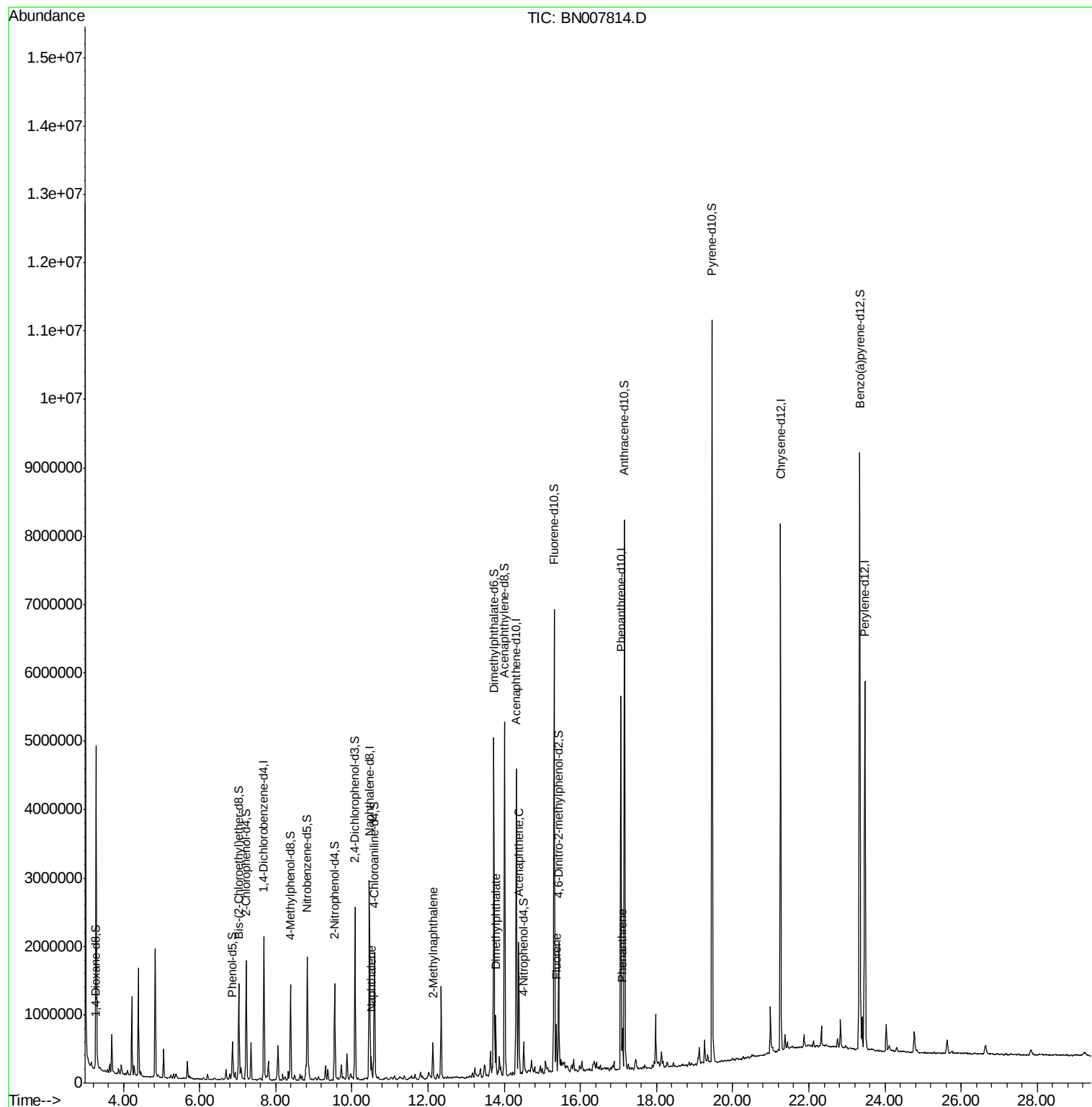
					Ovalue
28) Naphthalene	10.51	128	213911	1.687	ng/ul 98
34) 2-Methylnaphthalene	12.12	142	246260	2.690	ng/ul 99
44) Dimethylphthalate	13.77	163	544627	4.668	ng/ul 98
49) Acenaphthene	14.38	153	742062	7.639	ng/ul 99
58) Fluorene	15.37	166	280336	2.472	ng/ul 98
69) Phenanthrene	17.10	178	355670	1.939	ng/ul 98

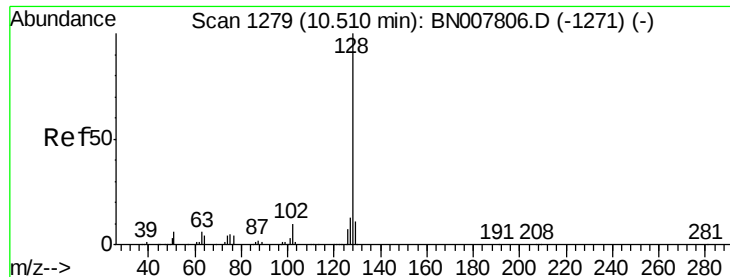
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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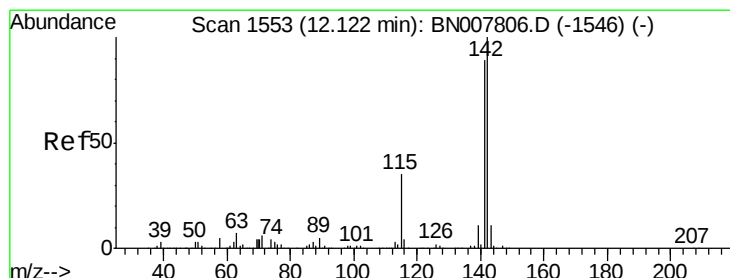
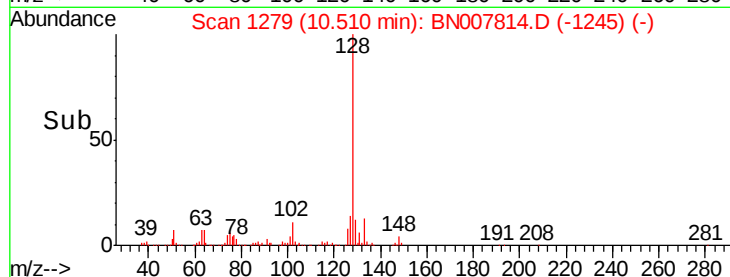
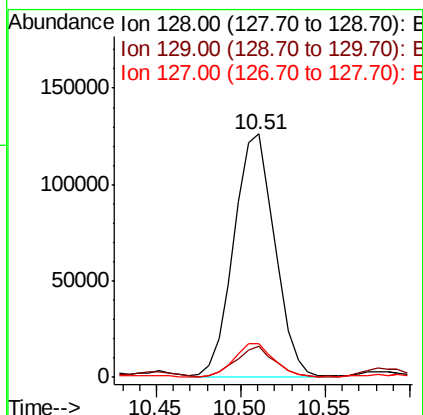
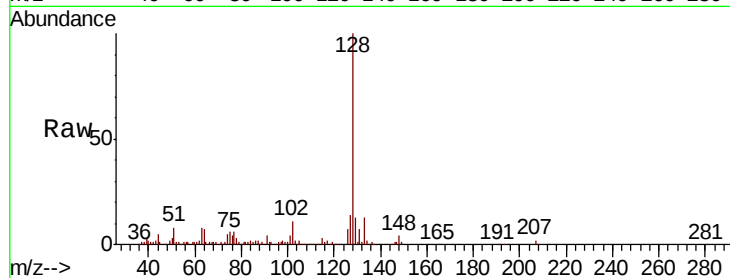




#28
Naphthalene
Concen: 1.687 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BN007814.D
Acq: 23 Sep 2019 22:41

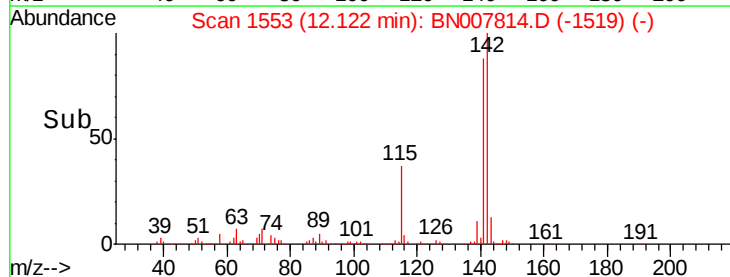
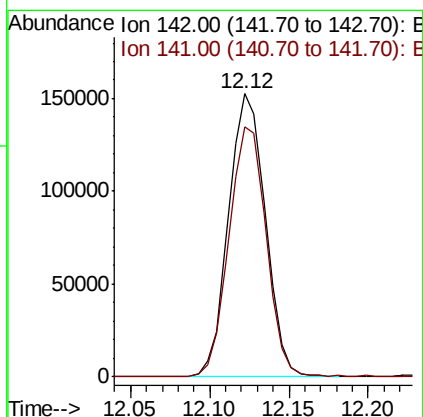
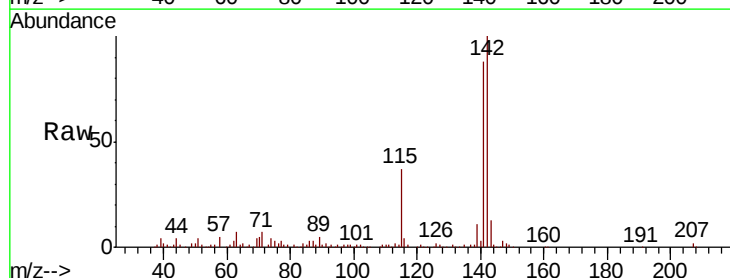
Instrument :
BNA_N
ClientSampleId :
BFDF9

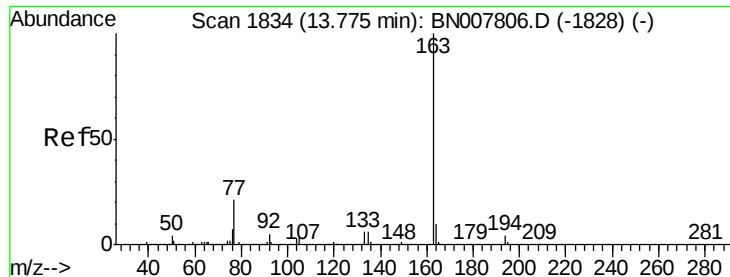
Tot Ion:128 Resp: 213911
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.4
127 14.1 11.0 16.4



#34
2-Methylnaphthalene
Concen: 2.690 ng/ul
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN007814.D
Acq: 23 Sep 2019 22:41

Tgt Ion:142 Resp: 246260
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8

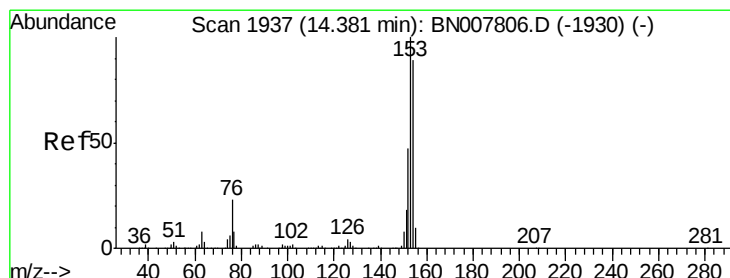
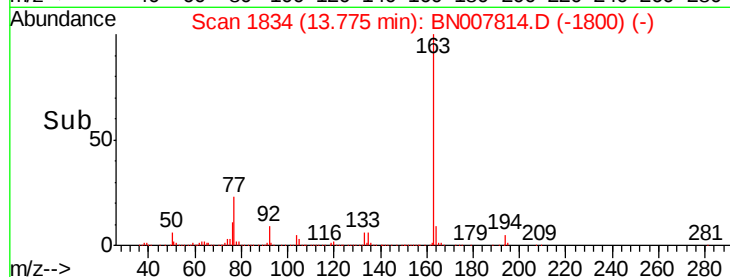
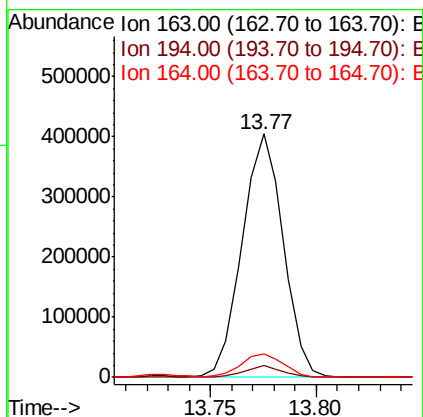
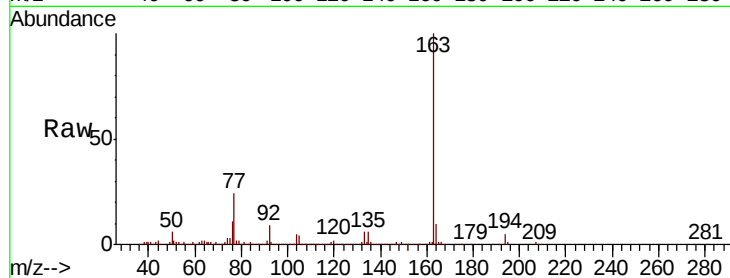




#44
Dimethylphthalate
Concen: 4.668 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007814.D
Acq: 23 Sep 2019 22:41

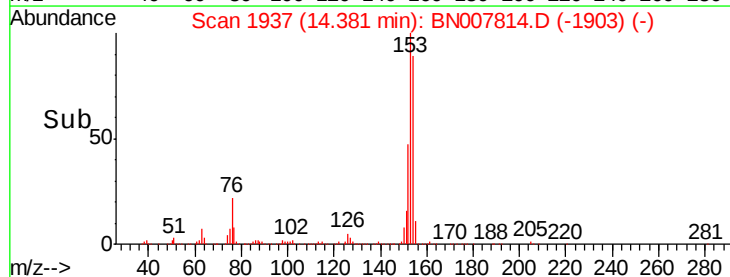
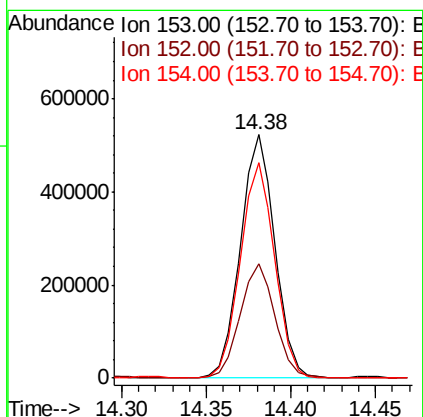
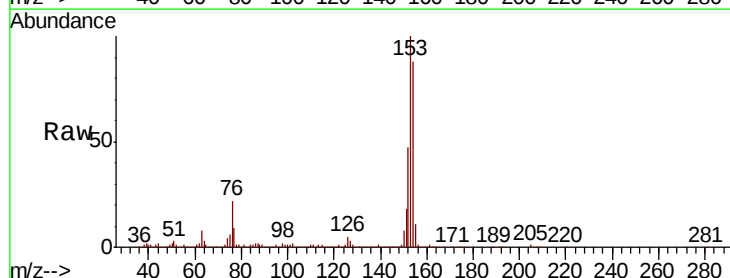
Instrument :
BNA_N
ClientSampleId :
BDF9

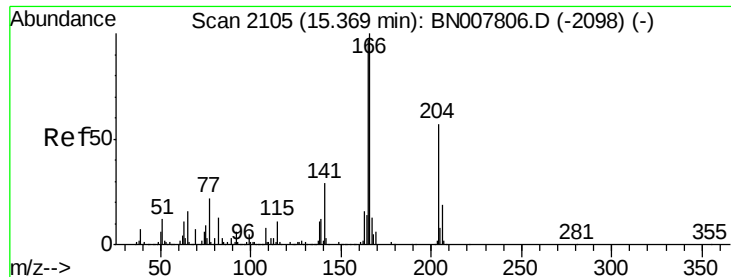
Tot Ion:163 Resp: 544627
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 9.6 8.4 12.6



#49
Acenaphthene
Concen: 7.639 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN007814.D
Acq: 23 Sep 2019 22:41

Tgt Ion:153 Resp: 742062
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.8
154 88.5 70.3 105.5





#58

Fluorene

Concen: 2.472 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN007814.D

Acq: 23 Sep 2019 22:41

Instrument :

BNA_N

ClientSampleId :

BDF9

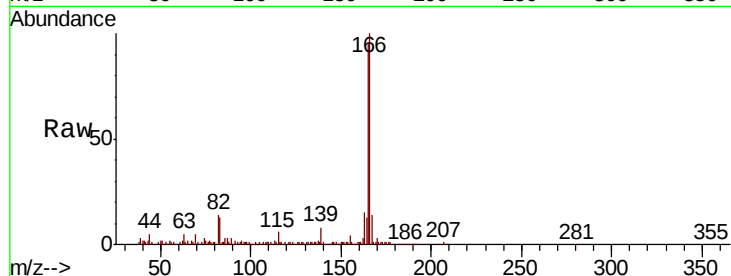
Tot Ion:166 Resp: 280336

Ion Ratio Lower Upper

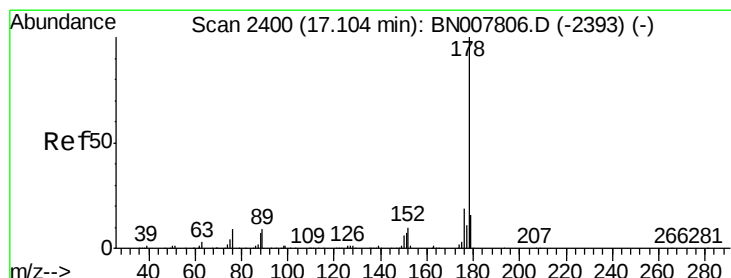
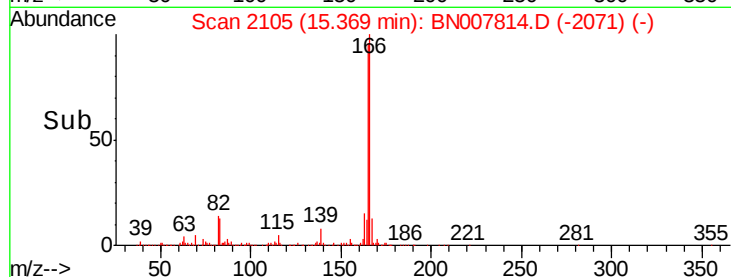
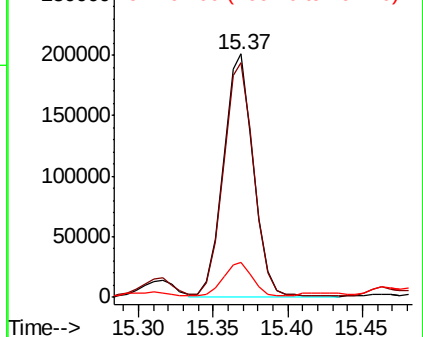
166 100

165 96.2 78.6 118.0

167 14.3 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: 1.939 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN007814.D

Acq: 23 Sep 2019 22:41

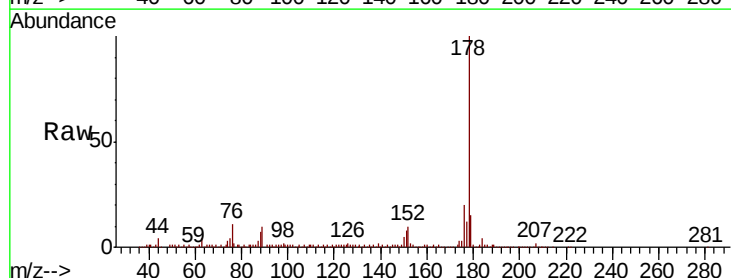
Tgt Ion:178 Resp: 355670

Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

176 19.9 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

