

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007816.D
 Acq On : 23 Sep 2019 23:52
 Operator : HP/JU
 Sample : K4895-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDH8

Manual Integrations
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mohammad
 9/24/2019 8:33:36 AM

Quant Time: Sep 24 02:10:51 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	568633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2318148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1501368	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3203284	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3540676	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4009959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16226	1.08	ng/uL	0.01
5) Phenol-d5	6.86	99	312433	5.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	726072	23.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	777529	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	544858	13.20	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	471080	27.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	483455	30.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	952073	25.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1164007	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3491522	29.23	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3646084	26.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	126097	5.93	ng/ul	0.00
57) Fluorene-d10	15.31	176	2932840	28.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	478000	27.65	ng/ul	0.00
70) Anthracene-d10	17.16	188	5002001	31.37	ng/ul	0.00
78) Pyrene-d10	19.46	212	6097842	31.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6908911	33.11	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.89	94	59708	1.015	ng/ul	93
16) 4-Methylphenol	8.45	108	52286	1.143	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	68518m	1.401	ng/ul	
28) Naphthalene	10.51	128	1476795	11.297	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	566312	6.000	ng/ul	98
44) Dimethylphthalate	13.77	163	443288	3.640	ng/ul	99
49) Acenaphthene	14.38	153	1843992	18.188	ng/ul	97
53) Dibenzofuran	14.72	168	436623	2.969	ng/ul	100
58) Fluorene	15.37	166	742392	6.273	ng/ul	99
69) Phenanthrene	17.10	178	3027676	15.938	ng/ul	99
71) Anthracene	17.19	178	641439	3.374	ng/ul	99
74) Carbazole	17.46	167	609180	3.788	ng/ul	99
76) Fluoranthene	19.12	202	521537	2.503	ng/ul	99
79) Pyrene	19.49	202	469876	1.993	ng/ul	98

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

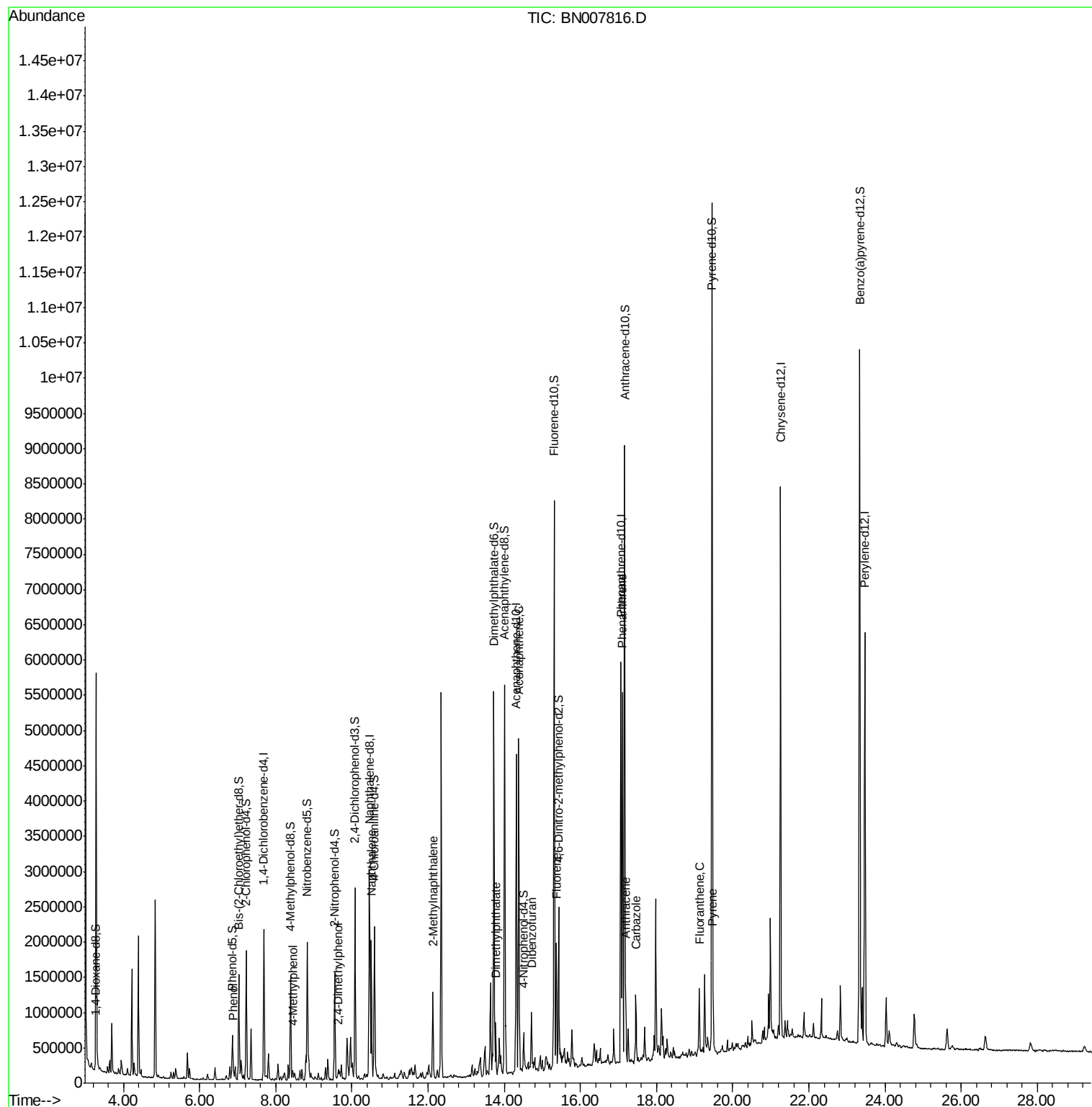
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007816.D
Acq On : 23 Sep 2019 23:52
Operator : HP/JU
Sample : K4895-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

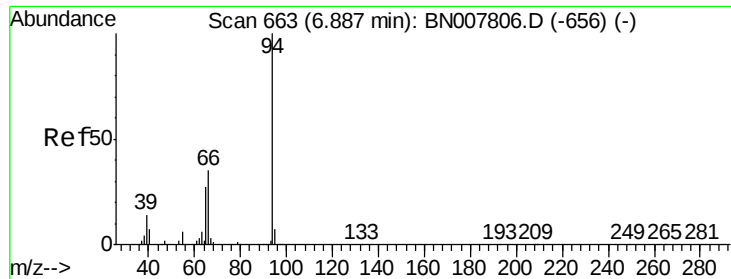
Instrument :
BNA_N
ClientSampled :
BFDH8

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Quant Time: Sep 24 02:10:51 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





#6

Phenol

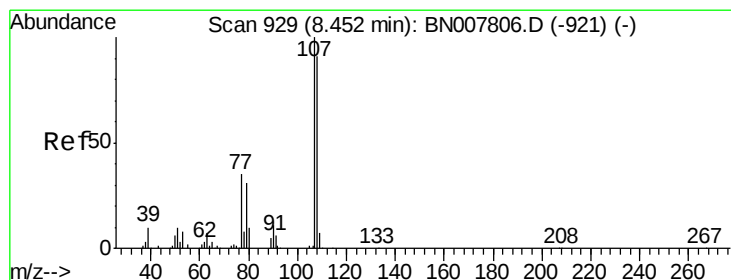
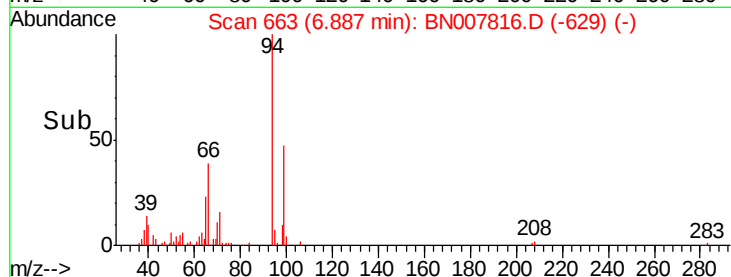
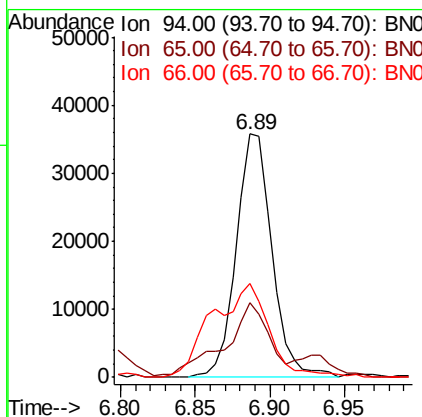
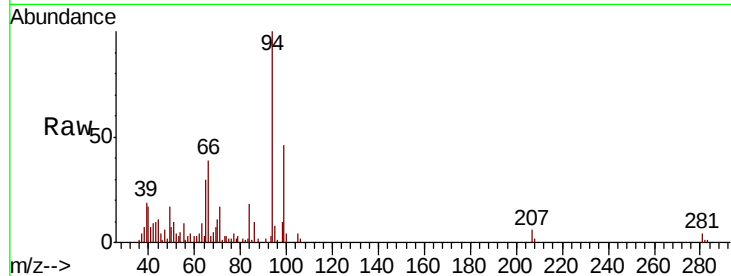
Concen: 1.015 ng/ul
 RT: 6.89 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BN007816.D
 Acq: 23 Sep 2019 23:52

Instrument :
 BNA_N
 ClientSampleId :
 BFDH8

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.4	20.7	31.1
66	38.5	28.6	42.8

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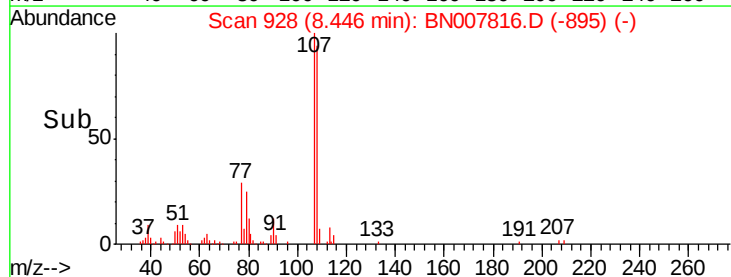
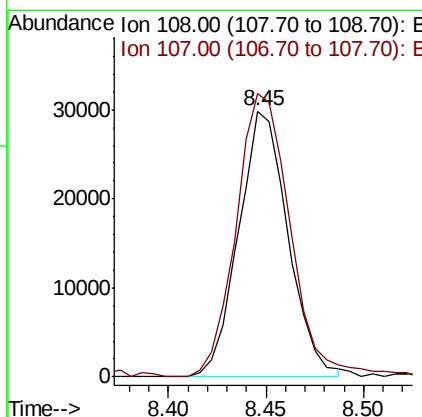
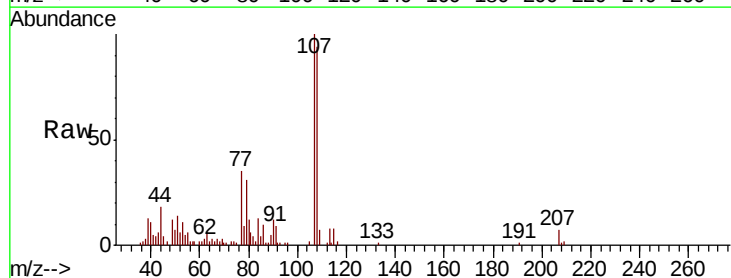


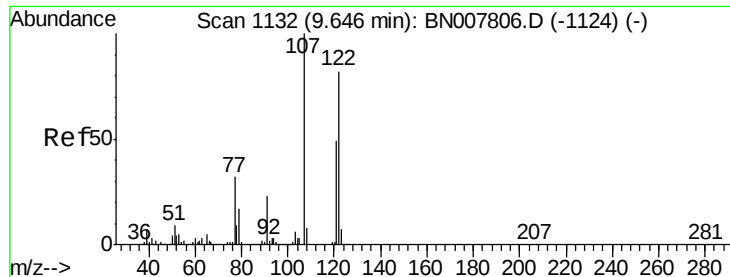
#16

4-Methylphenol

Concen: 1.143 ng/ul
 RT: 8.45 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BN007816.D
 Acq: 23 Sep 2019 23:52

Tgt Ion	Ratio	Lower	Upper
108	100		
107	106.5	88.0	132.0





#24

2,4-Dimethylphenol

Concen: 1.401 ng/ul m

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

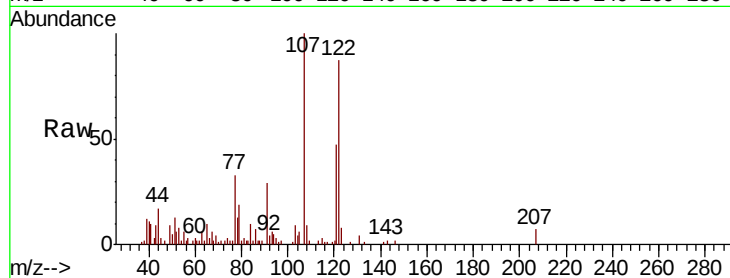
ClientSampleId :

BFDH8

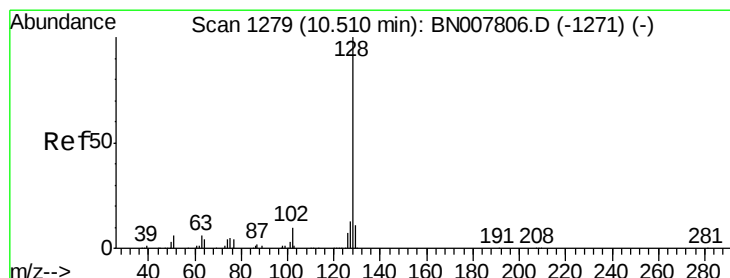
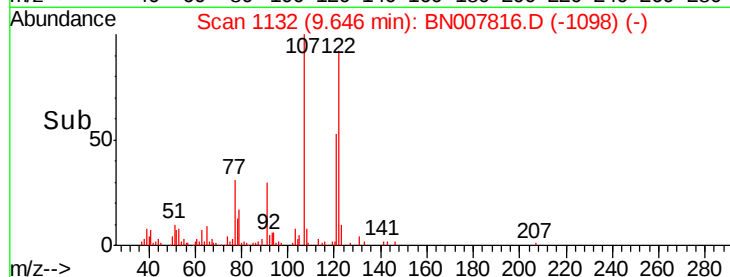
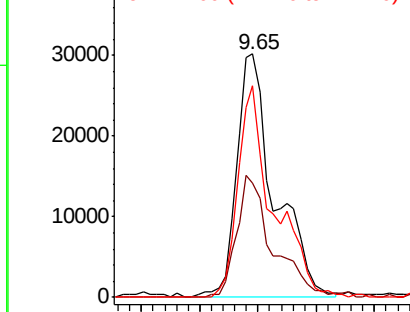
Tot Ion:	107	Resp:	68518
Ion Ratio	Lower	Upper	
107	100		
121	47.1	38.8	58.2
122	87.1	64.2	96.4

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 11.297 ng/ul

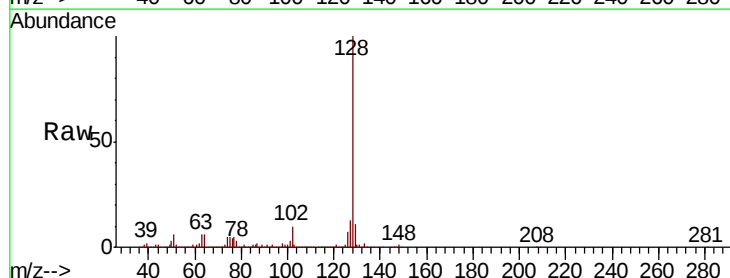
RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

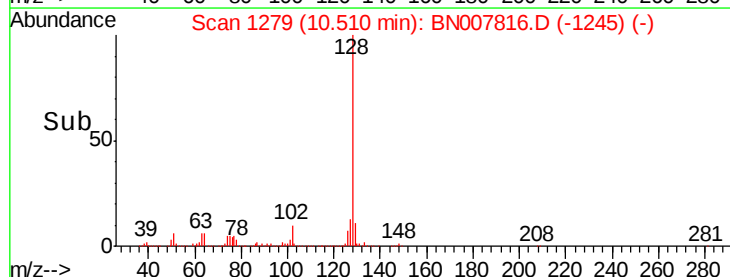
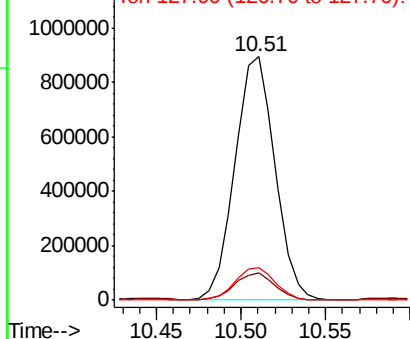
Lab File: BN007816.D

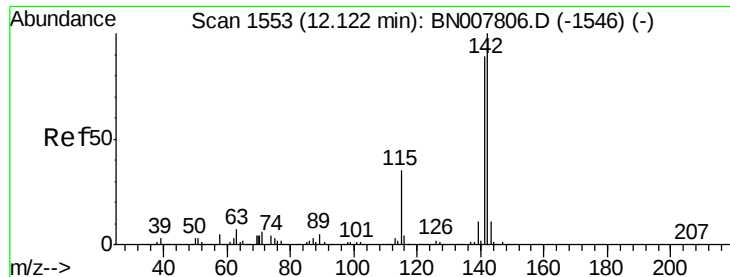
Acq: 23 Sep 2019 23:52

Tgt Ion:	128	Resp:	1476795
Ion Ratio	Lower	Upper	
128	100		
129	11.2	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





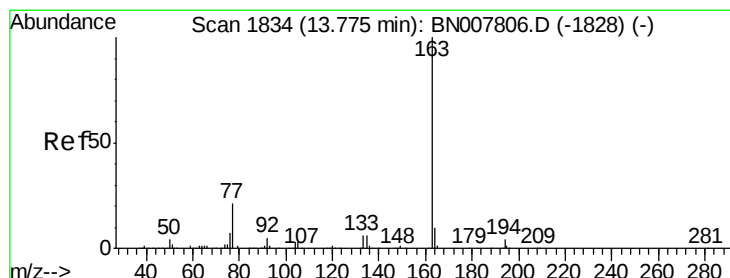
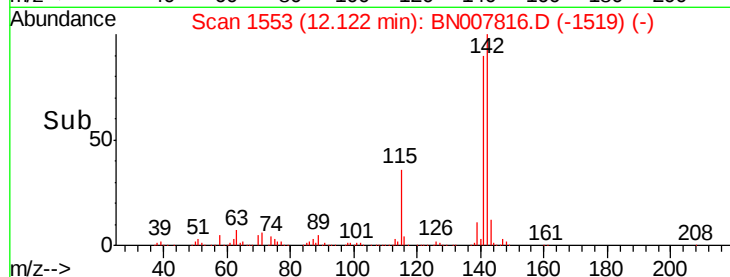
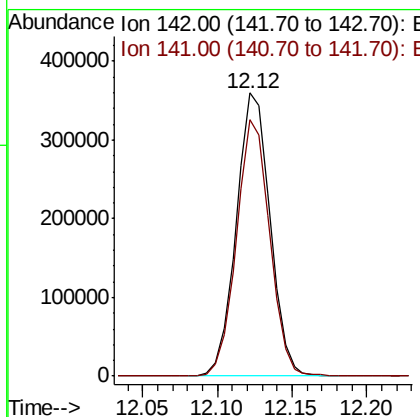
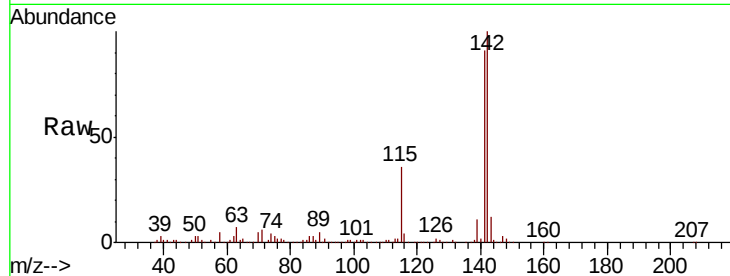
#34
2-Methylnaphthalene
Concen: 6.000 ng/ul
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN007816.D
Acq: 23 Sep 2019 23:52

Instrument :
BNA_N
ClientSampleId :
BFDH8

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.2	106.8

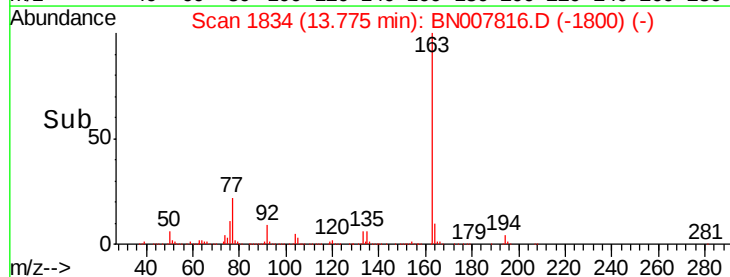
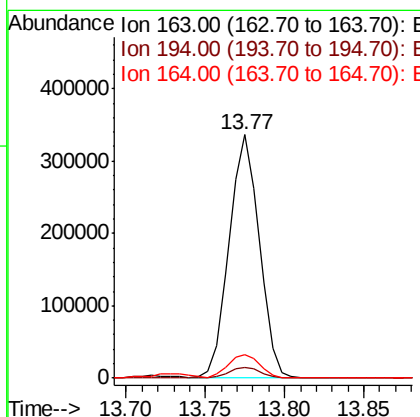
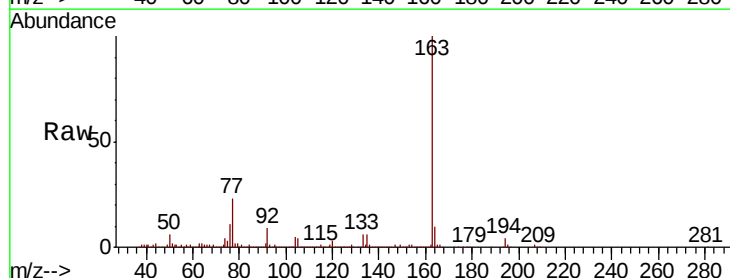
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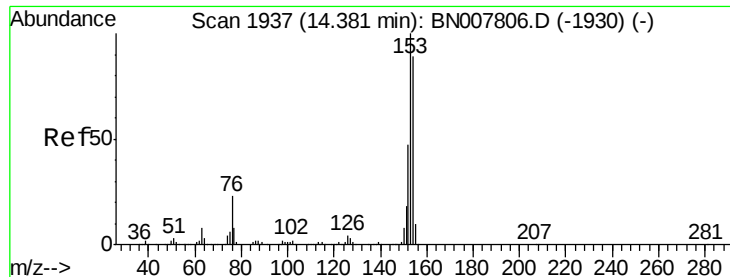
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#44
Dimethylphthalate
Concen: 3.640 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007816.D
Acq: 23 Sep 2019 23:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.4	12.6





#49

Acenaphthene

Concen: 18.188 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

BFDH8

Tot Ion:153 Resp: 1843992

Ion Ratio Lower Upper

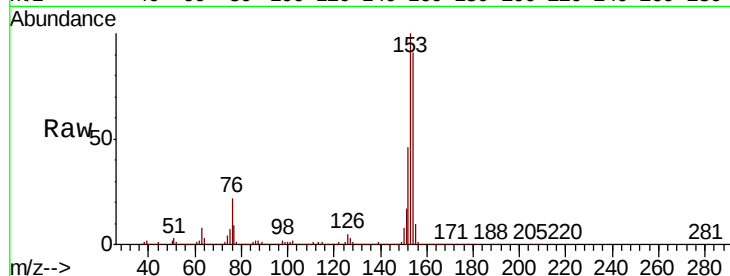
153 100

152 46.0 37.8 56.8

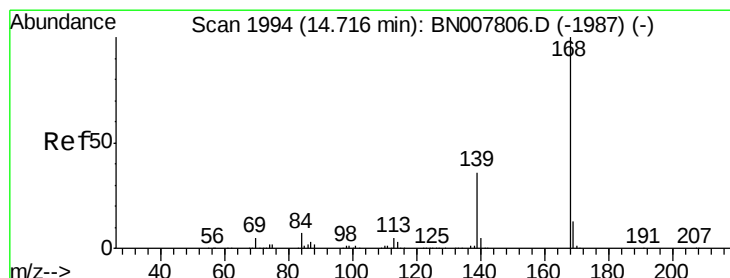
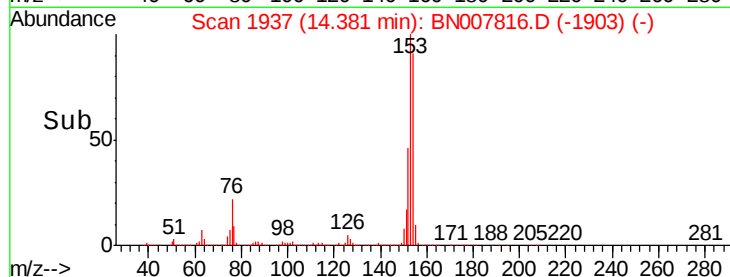
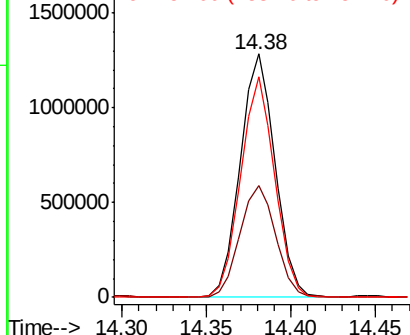
154 90.8 70.3 105.5

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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



#53

Dibenzofuran

Concen: 2.969 ng/ul

RT: 14.72 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BN007816.D

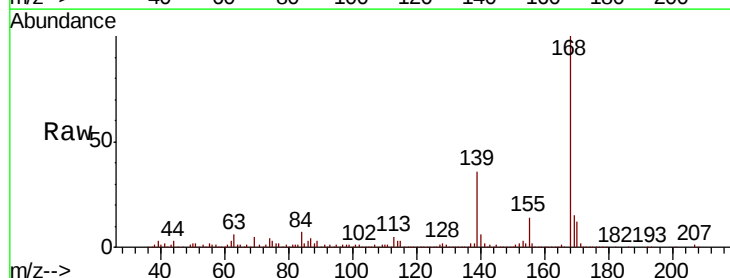
Acq: 23 Sep 2019 23:52

Tgt Ion:168 Resp: 436623

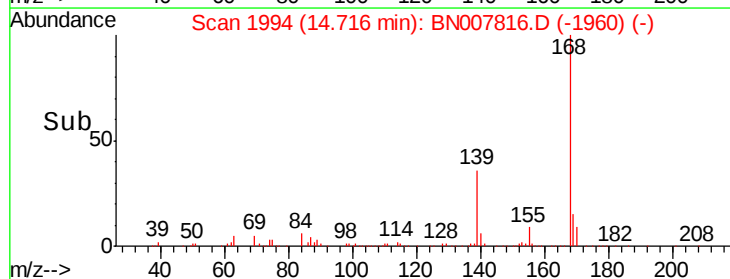
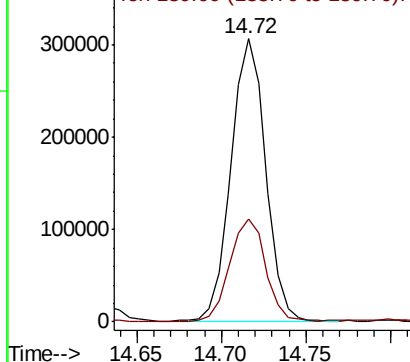
Ion Ratio Lower Upper

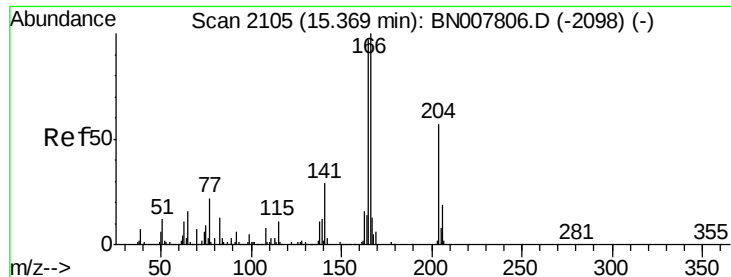
168 100

139 36.3 29.1 43.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





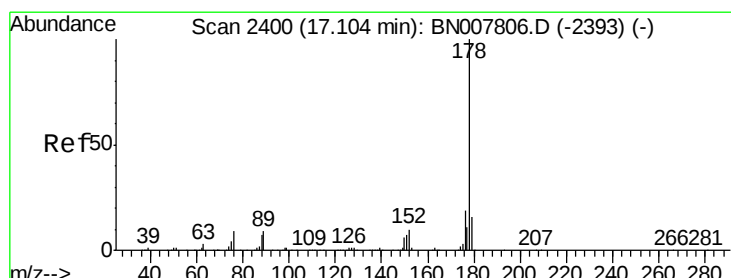
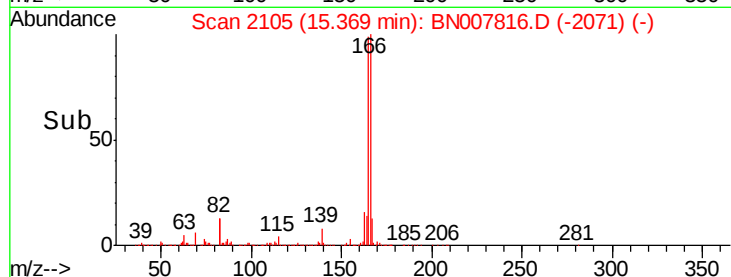
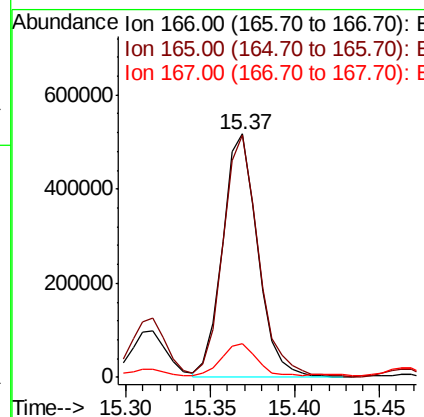
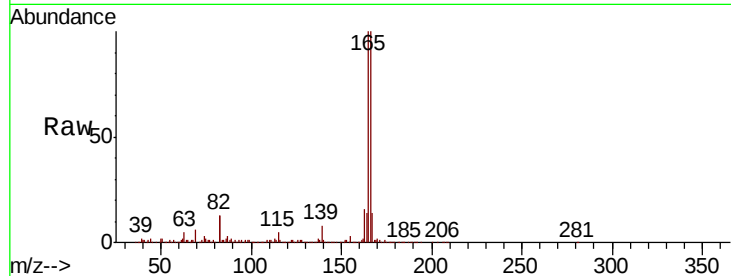
#58
 Fluorene
 Concen: 6.273 ng/ul
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN007816.D
 Acq: 23 Sep 2019 23:52

Instrument :
 BNA_N
 ClientSampleId :
 BFDH8

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	118.0
167	13.7	10.8	16.2

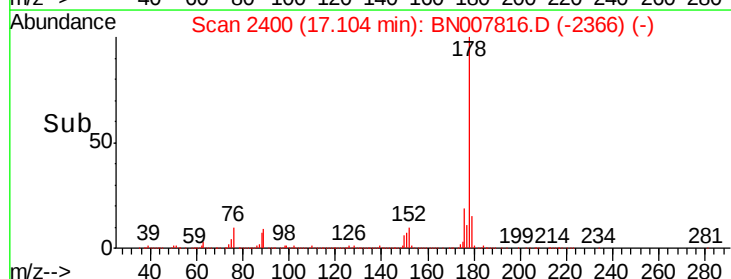
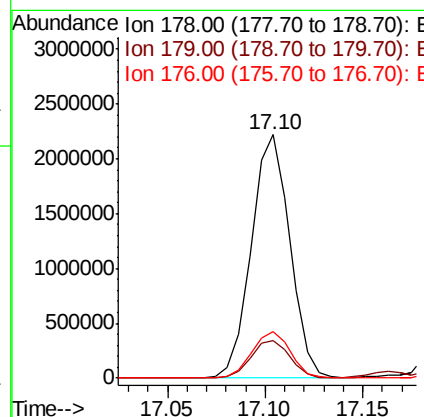
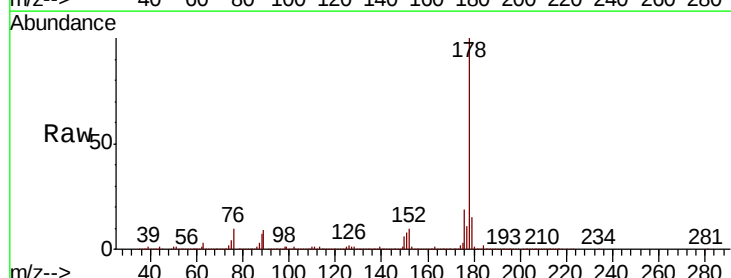
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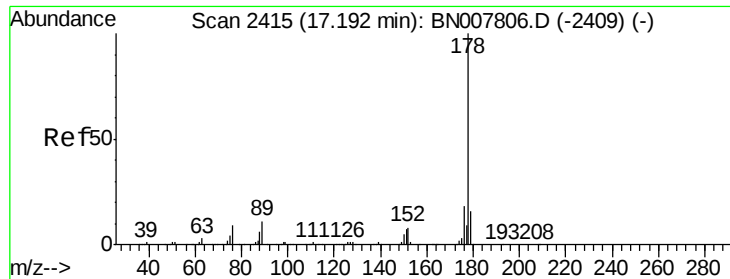
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#69
 Phenanthrene
 Concen: 15.938 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BN007816.D
 Acq: 23 Sep 2019 23:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.8	15.2	22.8





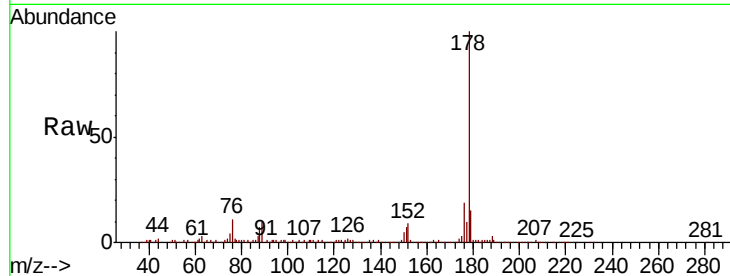
#71
 Anthracene
 Concen: 3.374 ng/ul
 RT: 17.19 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BN007816.D
 Acq: 23 Sep 2019 23:52

Instrument :
 BNA_N
 ClientSampleId :
 BFDH8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	18.6	15.1	22.7

Manual Integrations
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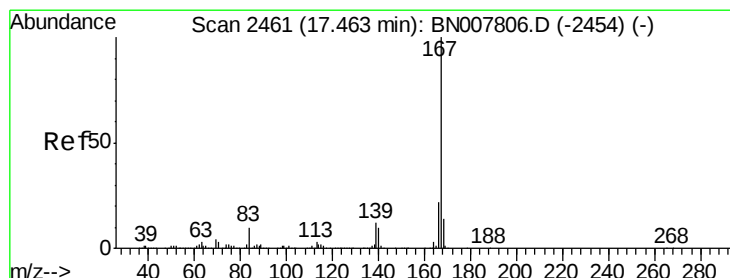
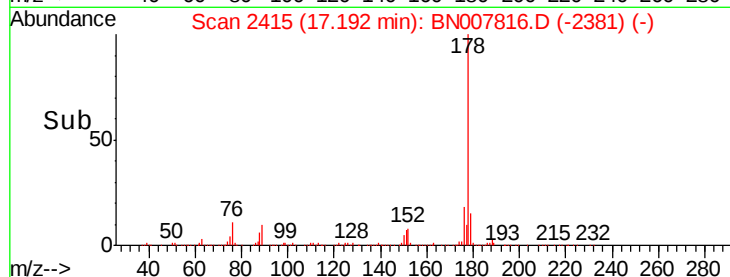
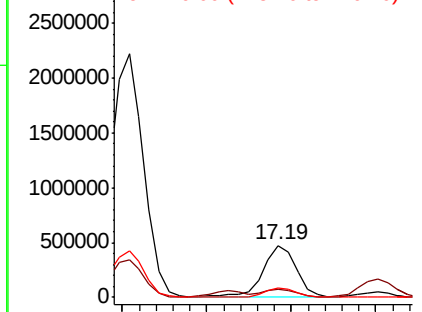


Abundance

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: 3.788 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BN007816.D
 Acq: 23 Sep 2019 23:52

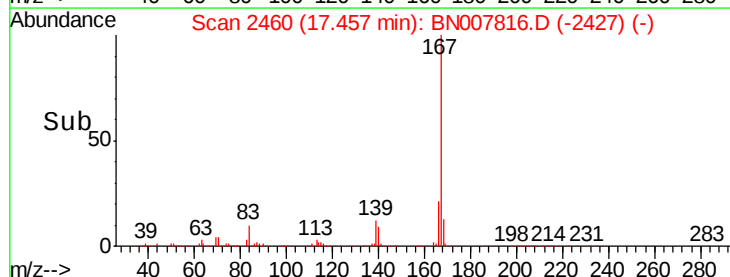
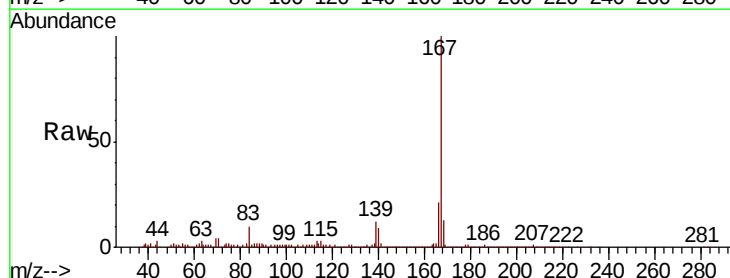
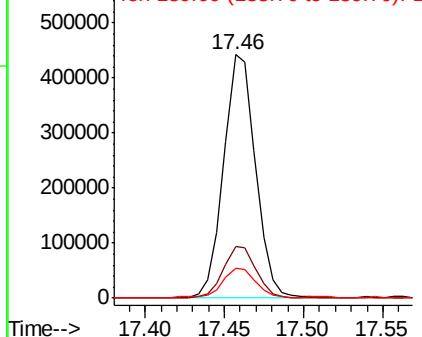
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.1	10.1	15.1

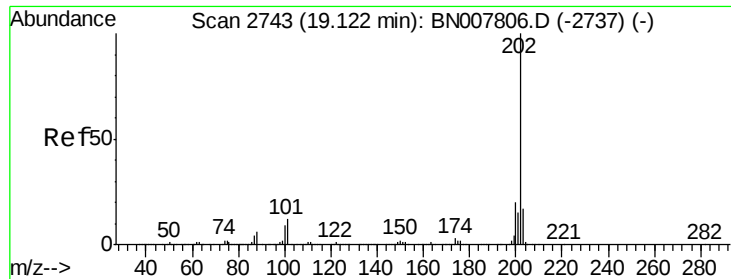
Abundance

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





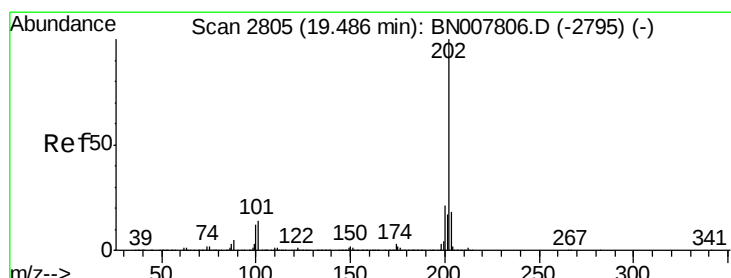
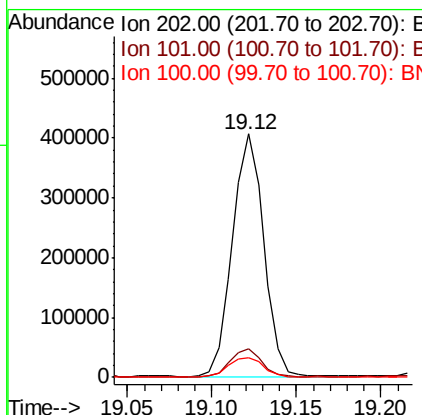
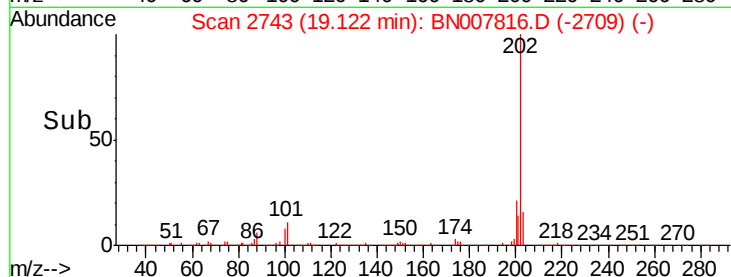
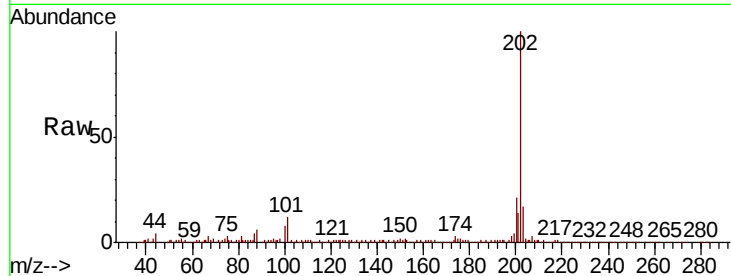
#76
Fluoranthene
Concen: 2.503 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BN007816.D
Acq: 23 Sep 2019 23:52

Instrument :
BNA_N
ClientSampled :
BFDH8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		521537		
101	11.7	9.4	14.2		
100	7.9	7.1	10.7		

Manual Integrations
APPROVED

mohammad
9/24/2019 8:33:36 AM



#79
Pyrene
Concen: 1.993 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BN007816.D
Acq: 23 Sep 2019 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		469876		
101	12.9	11.2	16.8		
100	11.0	9.4	14.0		

