

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
 Data File : BP004379.D
 Acq On : 19 Dec 2020 04:10
 Operator : CG/JU
 Sample : L5128-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8D4

Quant Time: Dec 19 06:22:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 05:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	271761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1139308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	710569	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1541395	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1609004	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1729353	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	25642	3.92	ng/uL	0.00
5) Phenol-d5	6.99	99	108278	4.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	235222	17.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	291682	15.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	202692	10.79	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	174978	17.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	192087	17.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	382457	19.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	429365	18.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	1219438	21.44	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1464430	20.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	40100	3.90	ng/ul	0.01
58) Fluorene-d10	15.47	176	988420	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	128377	12.91	ng/ul	0.00
71) Anthracene-d10	17.33	188	1580877	20.76	ng/ul	0.00
79) Pyrene-d10	19.57	212	1838915	21.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1998216	20.98	ng/ul	0.00

Target Compounds

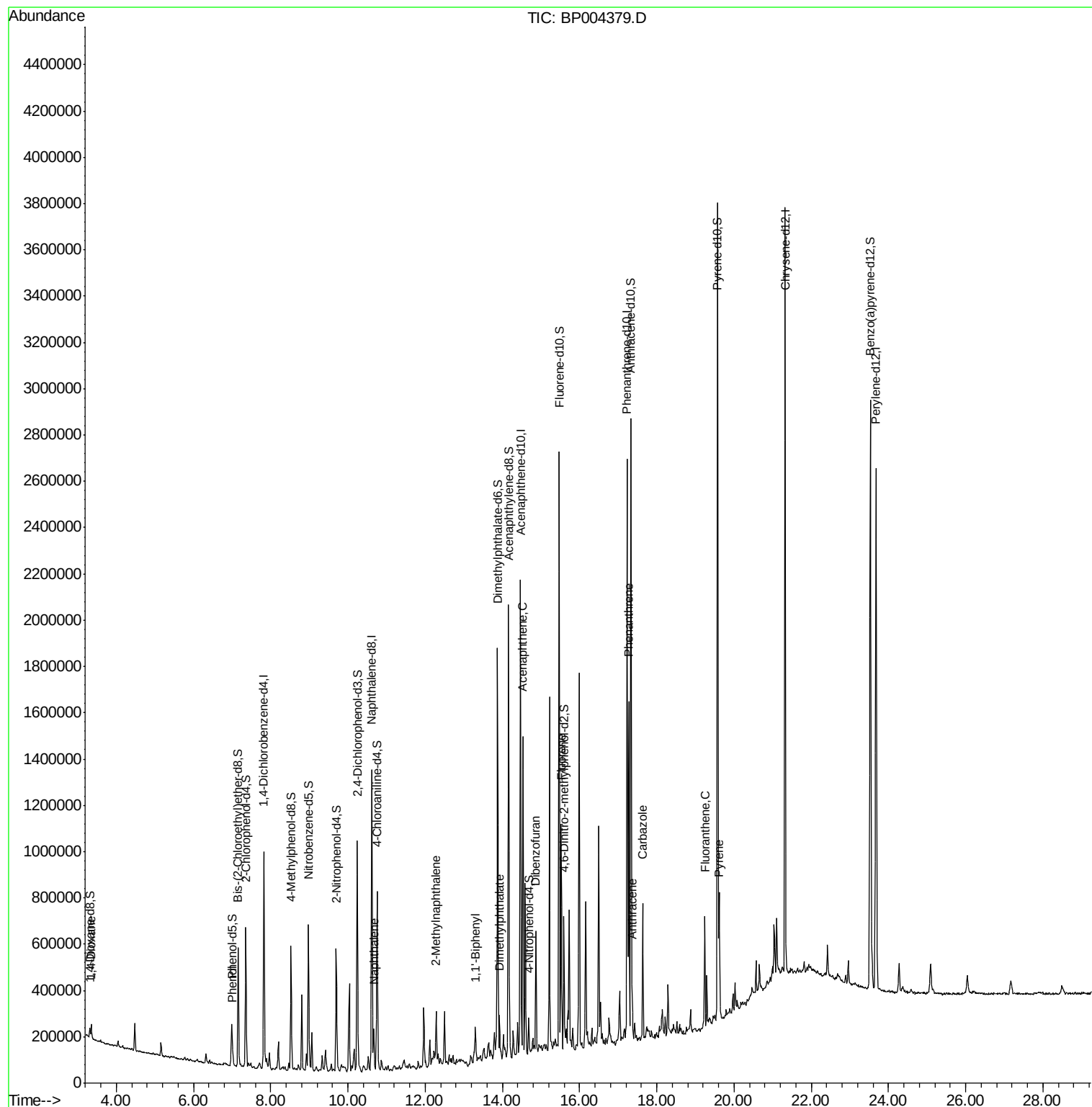
					Ovalue
2) 1,4-Dioxane	3.35	88	33981	5.089	ng/uL 94
6) Phenol	7.02	94	34585	1.457	ng/ul 97
28) Naphthalene	10.67	128	136239	2.129	ng/ul 100
34) 2-Methylnaphthalene	12.29	142	110895	2.512	ng/ul 99
41) 1,1'-Biphenyl	13.30	154	64477	1.111	ng/ul 100
45) Dimethylphthalate	13.92	163	128647	2.258	ng/ul 98
50) Acenaphthene	14.53	153	561245	11.609	ng/ul 99
54) Dibenzofuran	14.87	168	333388	4.898	ng/ul 99
59) Fluorene	15.52	166	448153	8.125	ng/ul 98
70) Phenanthrene	17.27	178	908675	10.151	ng/ul 100
72) Anthracene	17.36	178	141607	1.580	ng/ul 96
75) Carbazole	17.63	167	385392	5.200	ng/ul 98
77) Fluoranthene	19.24	202	280865	2.766	ng/ul 99
80) Pyrene	19.60	202	144998	1.323	ng/ul 100

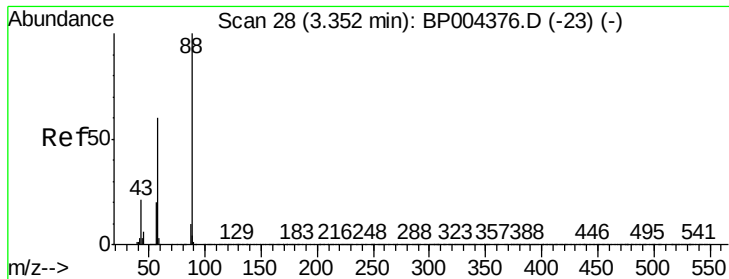
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.089 ng/uL

RT: 3.35 min Scan# 28

Delta R.T. -0.00 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Instrument :

BNA_P

ClientSampleId :

CB8D4

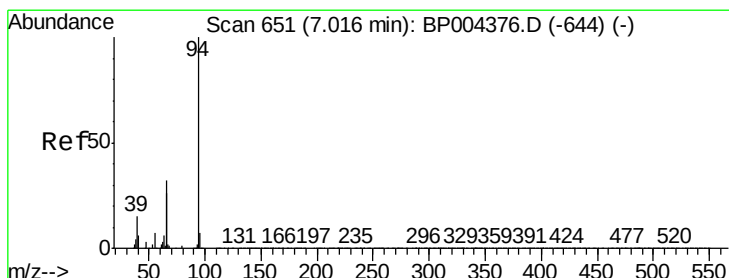
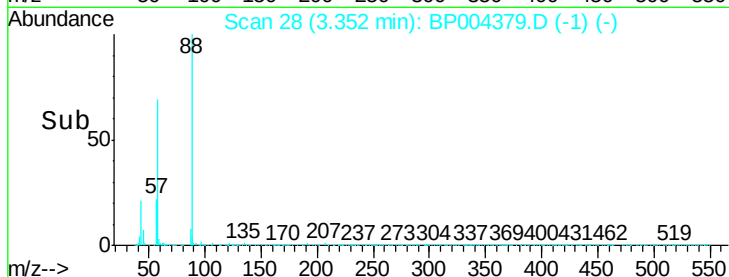
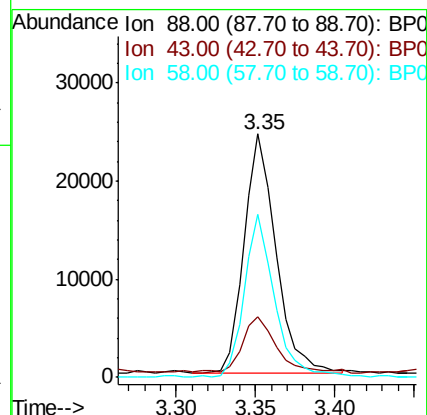
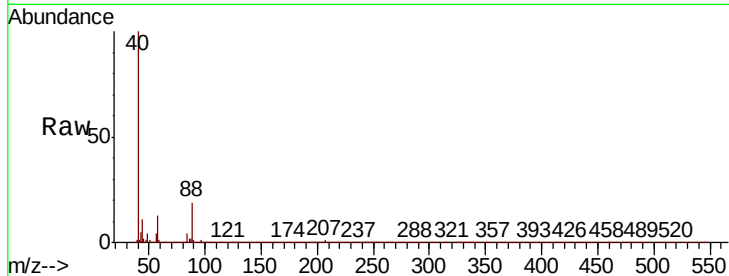
Tot Ion: 88 Resp: 33981

Ion Ratio Lower Upper

88 100

43 25.1 22.7 34.1

58 66.9 49.9 74.9



#6

Phenol

Concen: 1.457 ng/uL

RT: 7.02 min Scan# 651

Delta R.T. -0.00 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

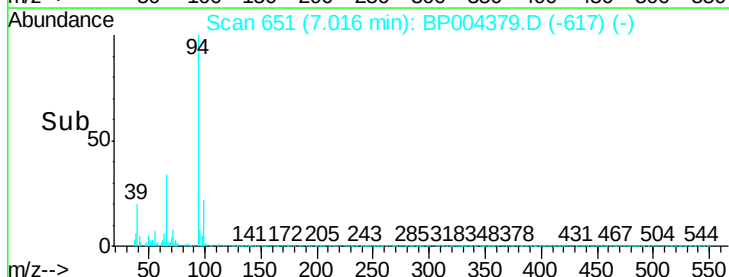
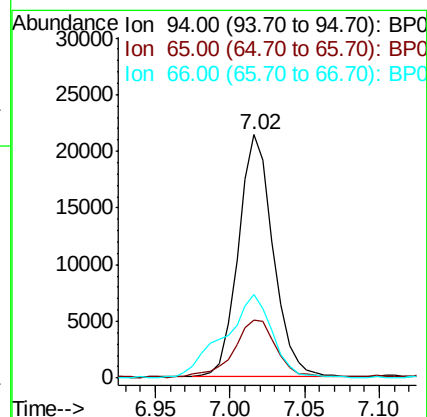
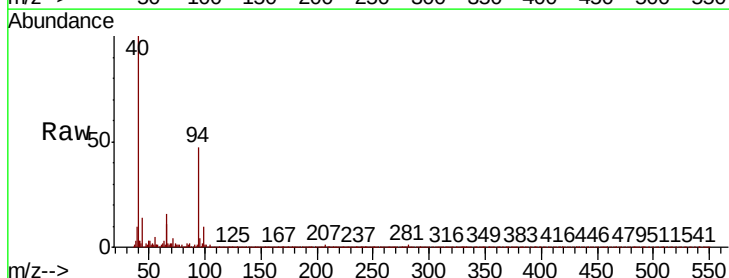
Tgt Ion: 94 Resp: 34585

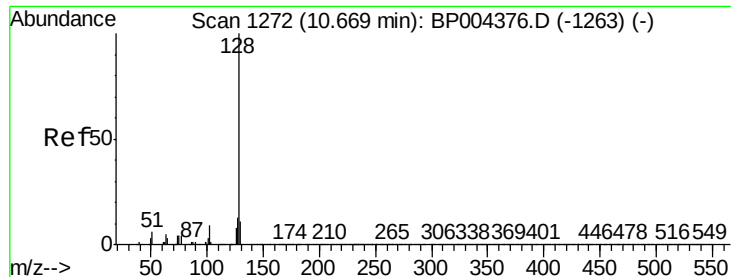
Ion Ratio Lower Upper

94 100

65 23.8 20.3 30.5

66 34.4 26.2 39.2

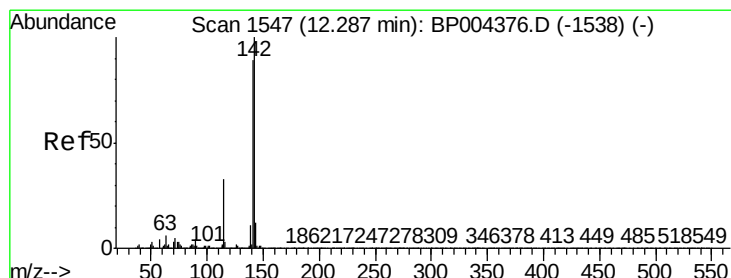
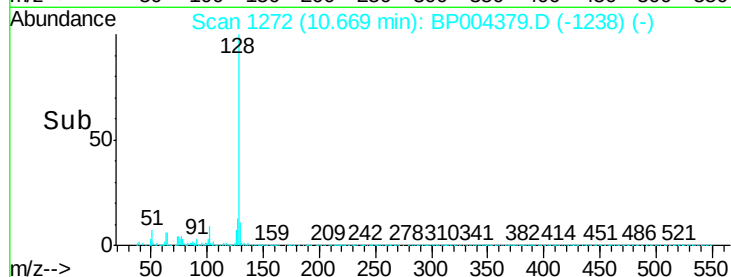
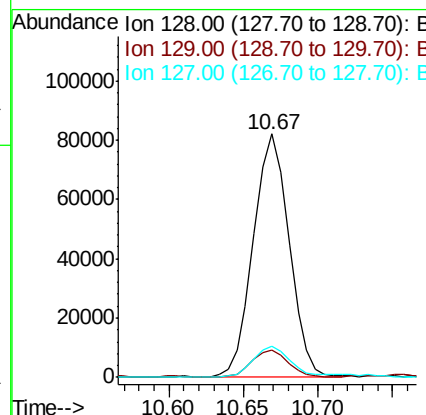
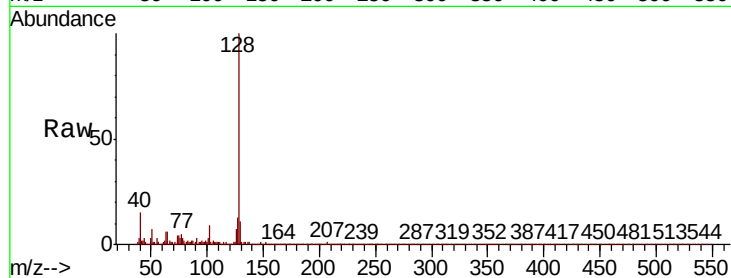




#28
Naphthalene
Concen: 2.129 ng/ul
RT: 10.67 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BP004379.D
Acq: 19 Dec 2020 04:10

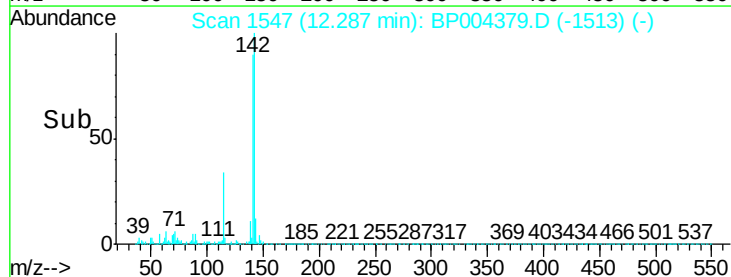
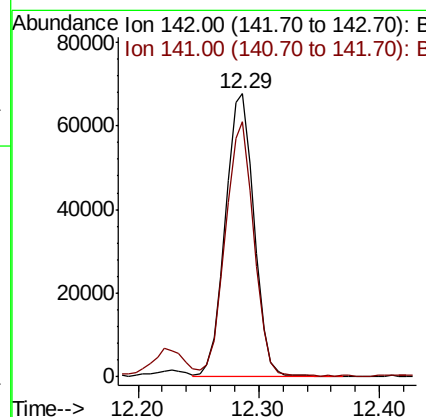
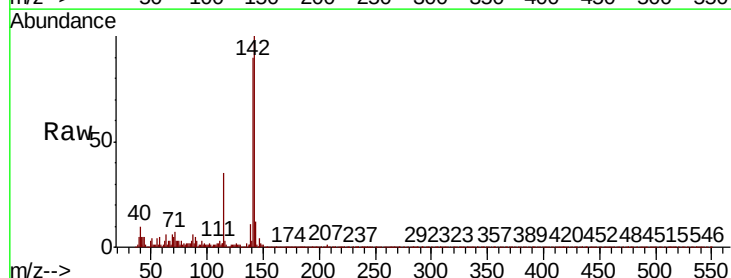
Instrument :
BNA_P
ClientSampleId :
CB8D4

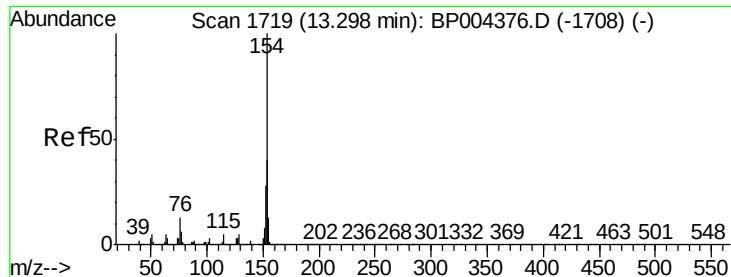
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6



#34
2-Methylnaphthalene
Concen: 2.512 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BP004379.D
Acq: 19 Dec 2020 04:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.2	106.8





#41

1,1'-Biphenyl

Concen: 1.111 ng/ul

RT: 13.30 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Instrument :

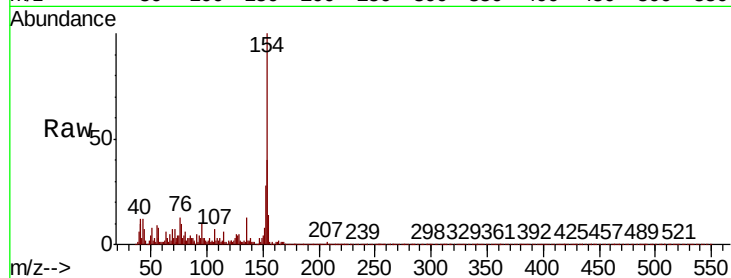
BNA_P

ClientSampled :

CB8D4

Tot Ion:154 Resp: 64477

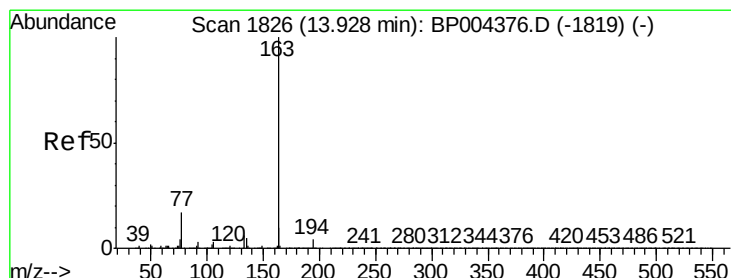
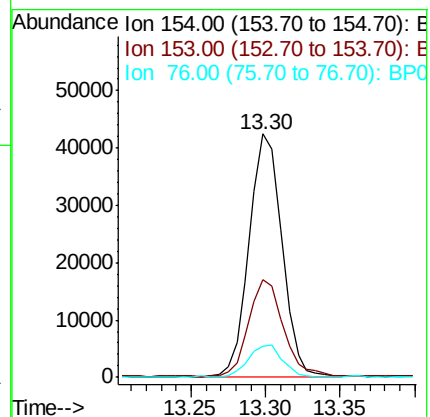
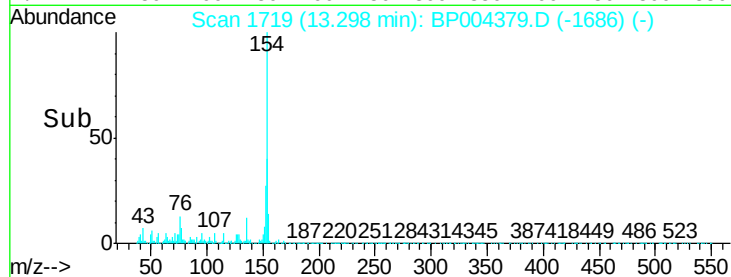
Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.4	48.6
76	12.7	10.0	15.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BP0



#45

Dimethylphthalate

Concen: 2.258 ng/ul

RT: 13.92 min Scan# 1825

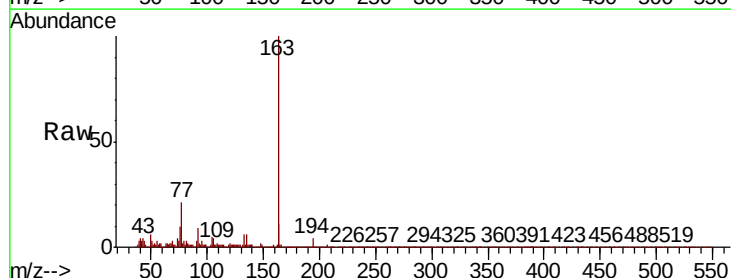
Delta R.T. -0.01 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Tgt Ion:163 Resp: 128647

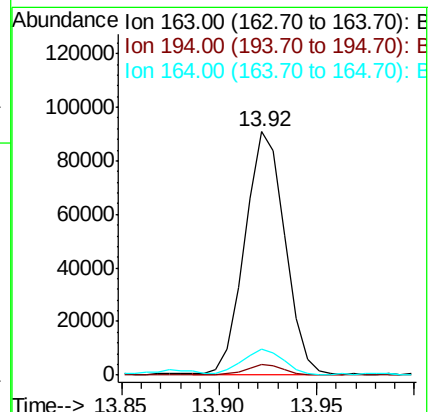
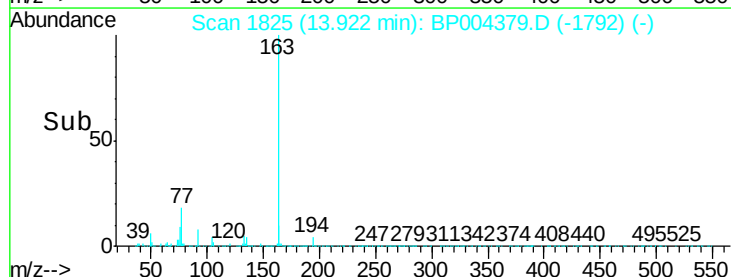
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	7.8	11.8

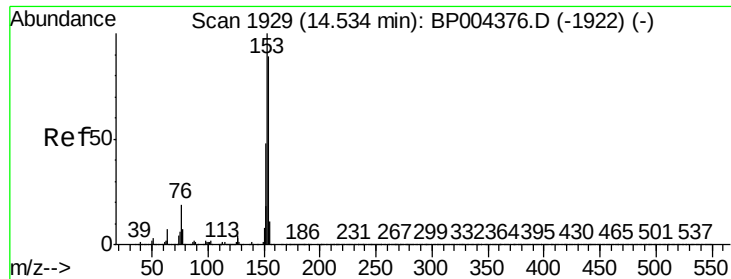


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 11.609 ng/ul

RT: 14.53 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Instrument :

BNA_P

ClientSampleId :

CB8D4

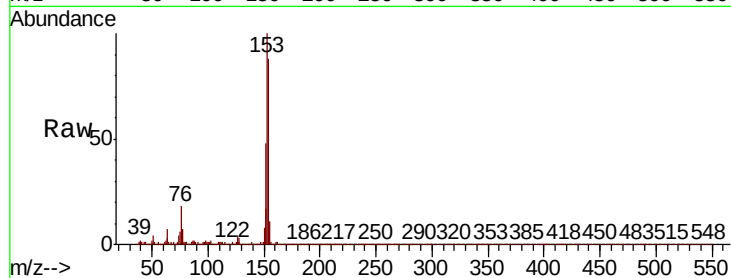
Tot Ion:153 Resp: 561245

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.8

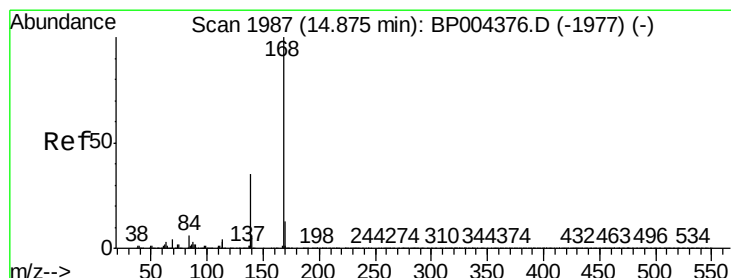
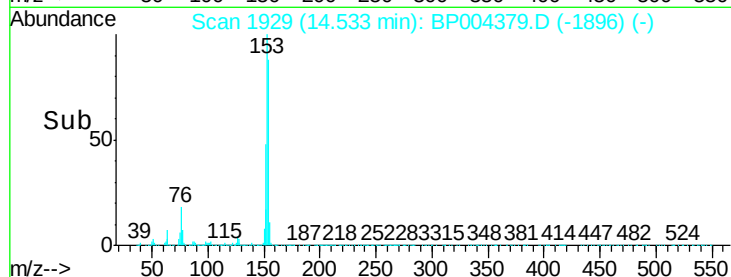
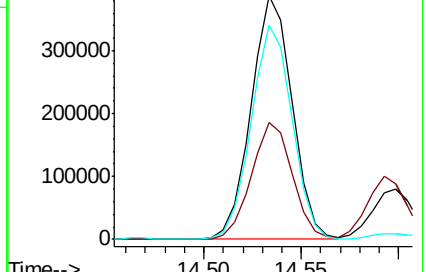
154 88.1 71.4 107.0



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: 4.898 ng/ul

RT: 14.87 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BP004379.D

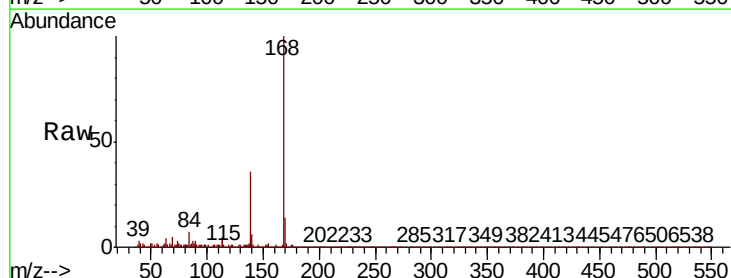
Acq: 19 Dec 2020 04:10

Tgt Ion:168 Resp: 333388

Ion Ratio Lower Upper

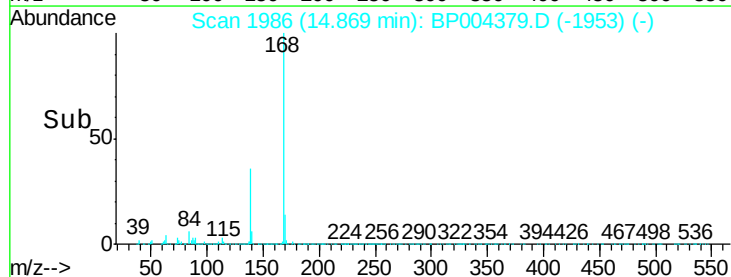
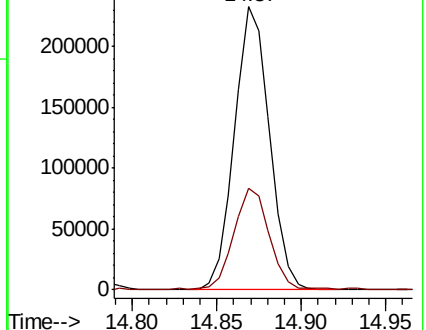
168 100

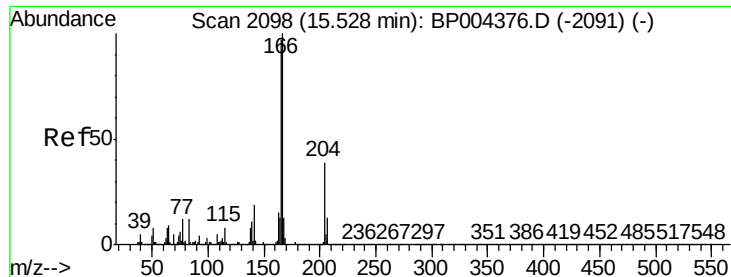
139 35.8 28.3 42.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 8.125 ng/ul

RT: 15.52 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Instrument :

BNA_P

ClientSampleId :

CB8D4

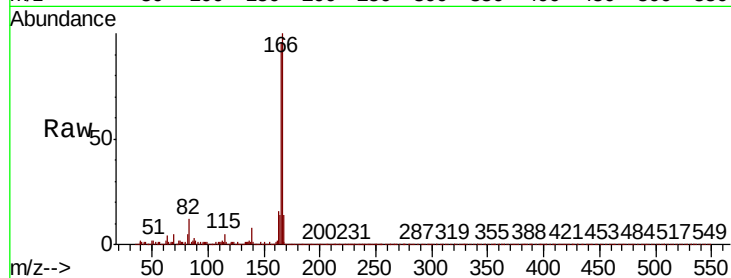
Tot Ion:166 Resp: 448153

Ion Ratio Lower Upper

166 100

165 96.5 79.2 118.8

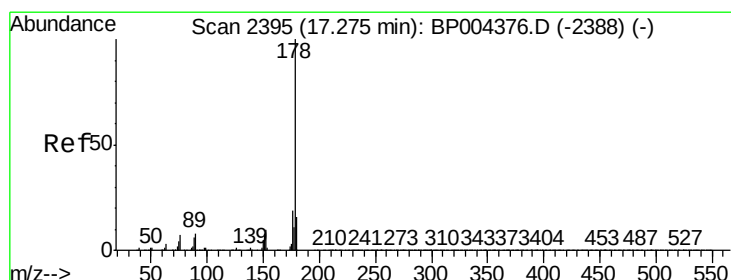
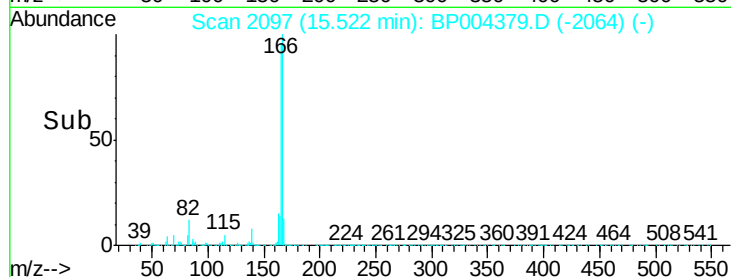
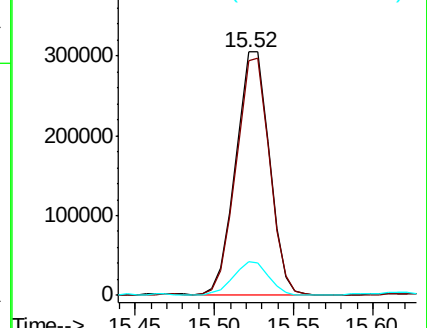
167 13.7 10.8 16.2



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



#70

Phenanthrene

Concen: 10.151 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

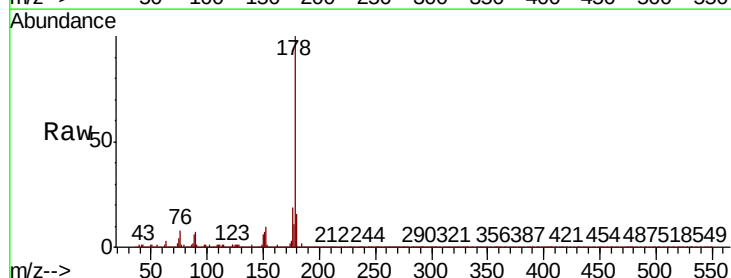
Tgt Ion:178 Resp: 908675

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

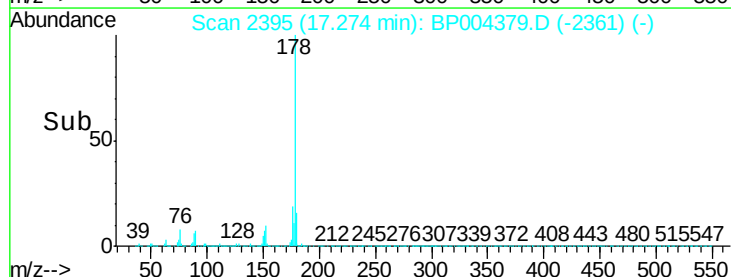
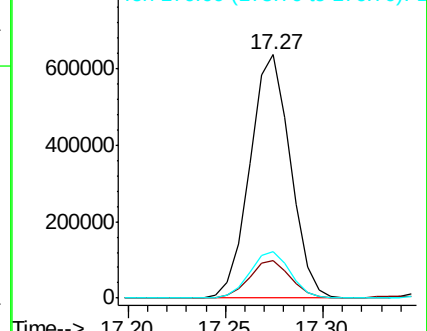
176 19.3 15.3 22.9

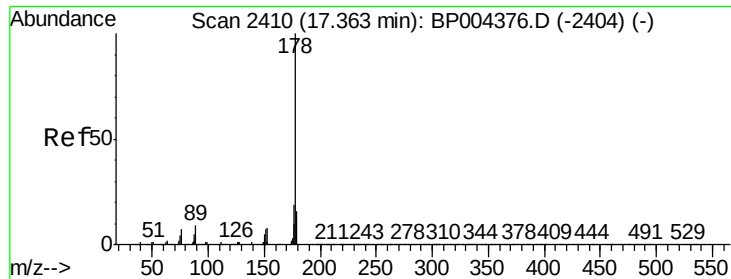


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.580 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Instrument :

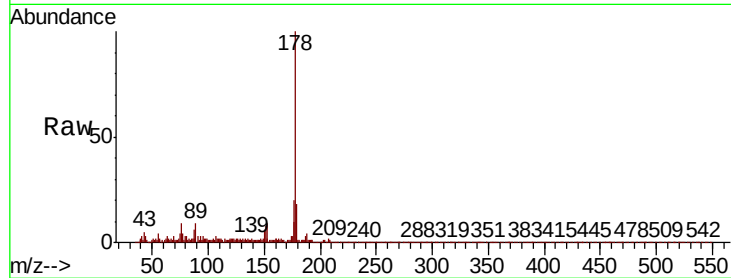
BNA_P

ClientSampleId :

CB8D4

Tot Ion:178 Resp: 141607

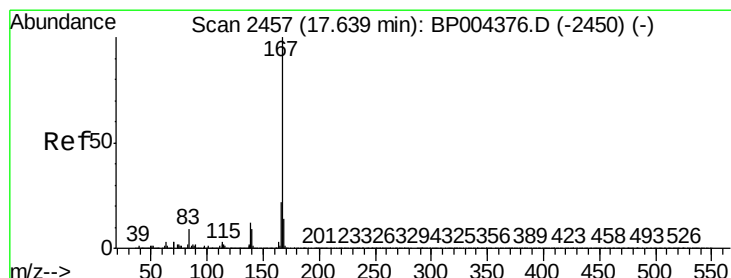
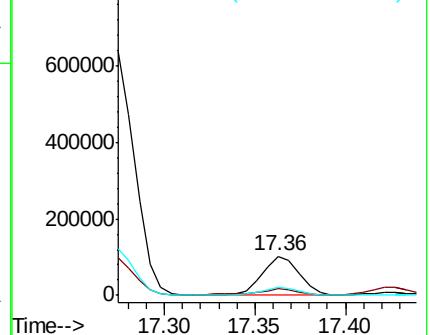
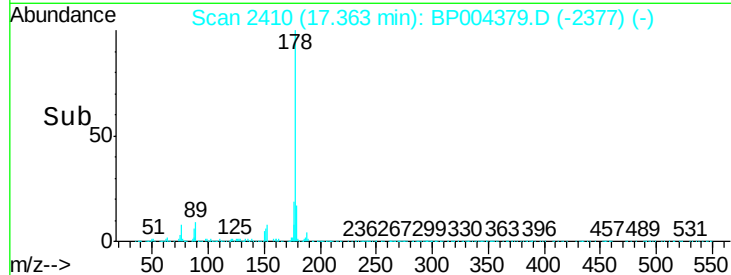
Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.4	18.6
176	19.9	15.0	22.4



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: 5.200 ng/ul

RT: 17.63 min Scan# 2456

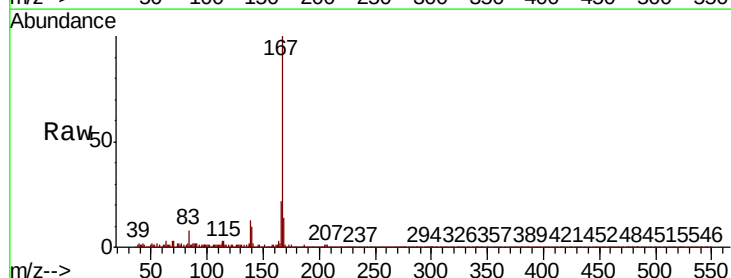
Delta R.T. -0.01 min

Lab File: BP004379.D

Acq: 19 Dec 2020 04:10

Tgt Ion:167 Resp: 385392

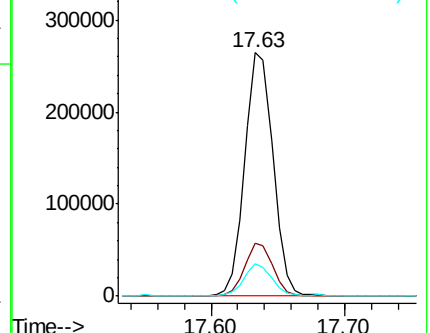
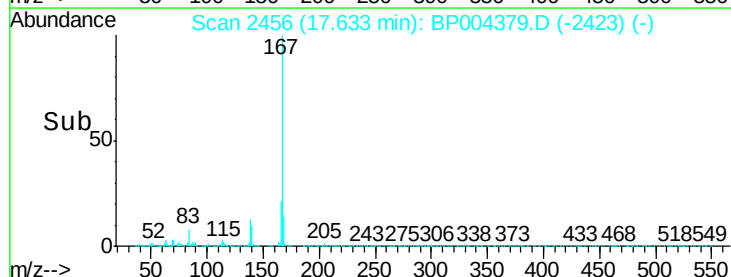
Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	13.1	9.5	14.3

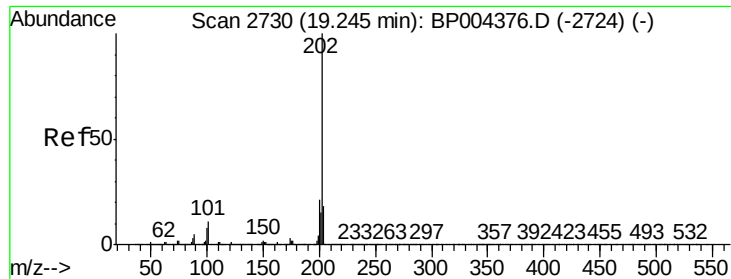


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

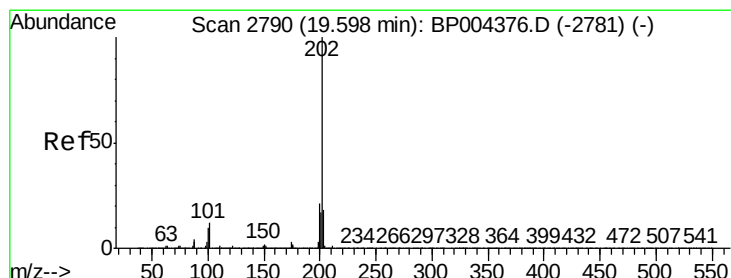
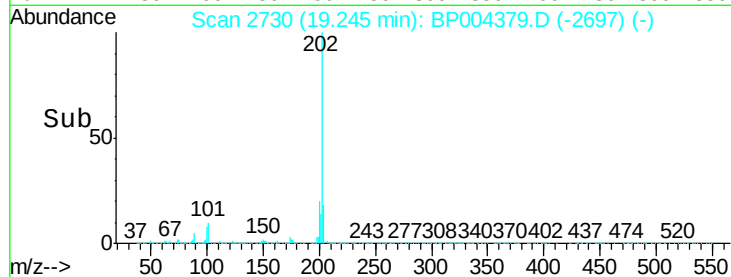
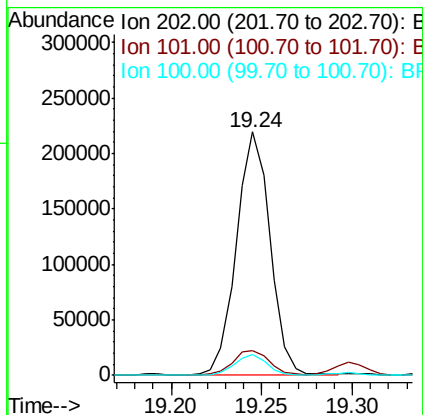
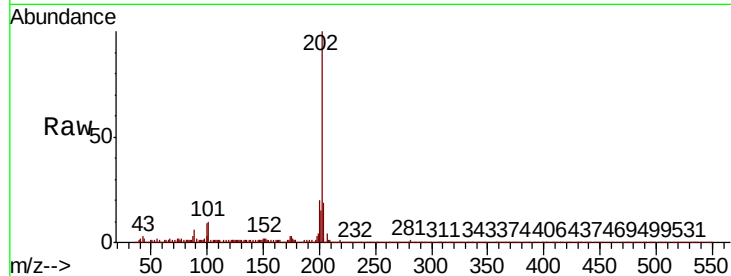




#77
Fluoranthene
Concen: 2.766 ng/ul
RT: 19.24 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BP004379.D
Acq: 19 Dec 2020 04:10

Instrument :
BNA_P
ClientSampled :
CB8D4

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
100	8.7	6.2	9.4



#80
Pyrene
Concen: 1.323 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BP004379.D
Acq: 19 Dec 2020 04:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	10.3	8.0	12.0

