

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004237.D
 Acq On : 11 Dec 2020 20:19
 Operator : CG/JU
 Sample : L5000-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A9

Quant Time: Dec 12 00:00:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	397700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1602224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	958475	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2035641	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2088531	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2231000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	18880	1.67	ng/uL	0.00
5) Phenol-d5	6.99	99	318201	9.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	233301	11.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	280318	11.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	238233	9.58	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	147397	11.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	118668	10.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	255139	10.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	231918	7.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	836431	11.42	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1150020	12.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	31738	2.57	ng/ul	0.00
58) Fluorene-d10	15.47	176	780647	11.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	48621	4.98	ng/ul	0.00
71) Anthracene-d10	17.33	188	1266585	12.77	ng/ul	0.00
79) Pyrene-d10	19.57	212	1507505	13.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1581597	13.46	ng/ul	0.00

Target Compounds

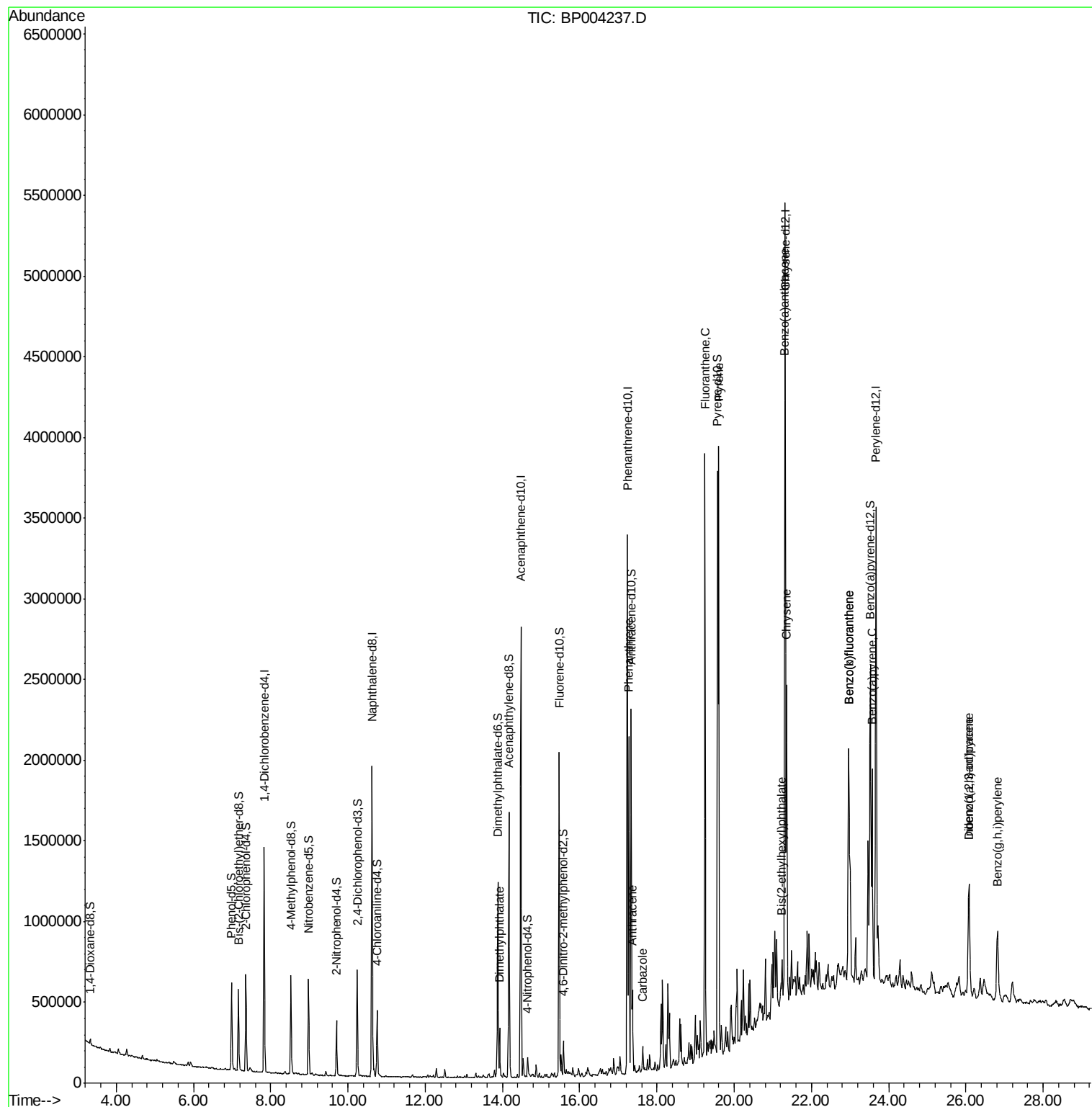
					Ovalue	
45) Dimethylphthalate	13.93	163	197118	2.642	ng/ul	99
70) Phenanthrene	17.27	178	1300333	10.828	ng/ul	100
72) Anthracene	17.36	178	321933	2.709	ng/ul	99
75) Carbazole	17.63	167	102414	1.059	ng/ul	97
77) Fluoranthene	19.25	202	2073307	16.168	ng/ul	99
80) Pyrene	19.60	202	2219890	15.757	ng/ul	99
83) Benzo(a)anthracene	21.30	228	1093219	7.941	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.24	149	88013	1.398	ng/ul	99
85) Chrysene	21.36	228	1082904	8.018	ng/ul	99
88) Benzo(b)fluoranthene	22.96	252	1338222	9.459	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	1338222	9.210	ng/ul	98
91) Benzo(a)pyrene	23.57	252	989754	7.497	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.07	276	648461	3.916	ng/ul	97
93) Dibenzo(a,h)anthracene	26.09	278	159907	1.152	ng/ul#	82
94) Benzo(g,h,i)perylene	26.82	276	590528	4.251	ng/ul	98

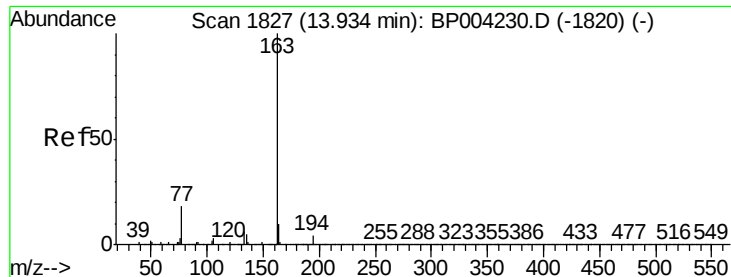
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

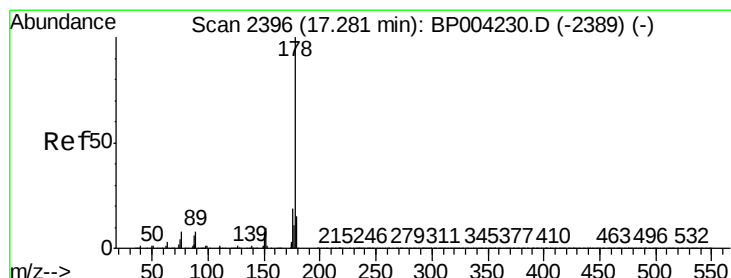
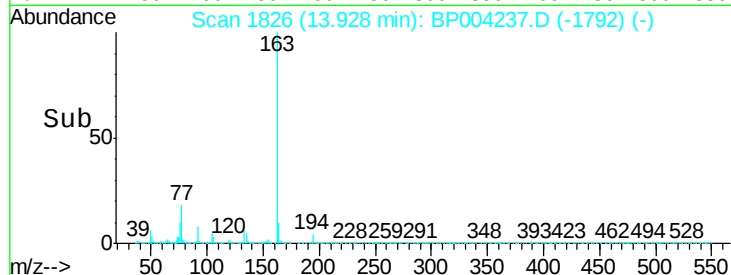
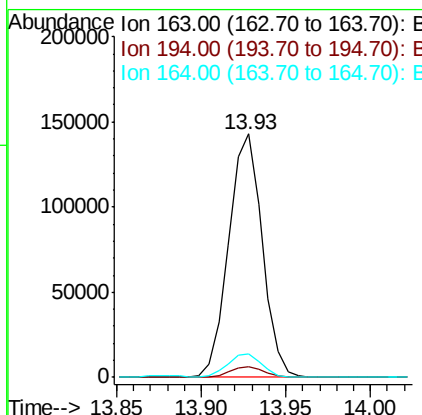
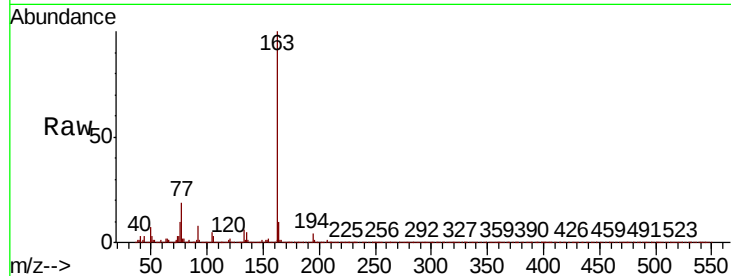




#45
Dimethylphthalate
Concen: 2.642 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BP004237.D
Acq: 11 Dec 2020 20:19

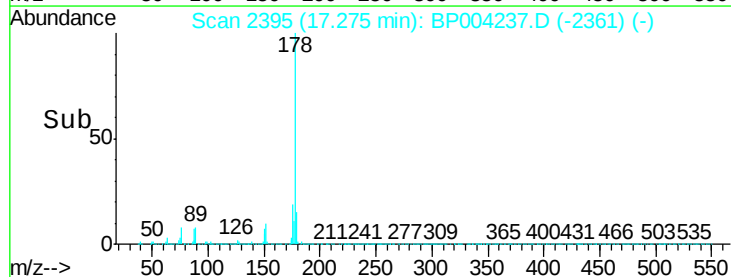
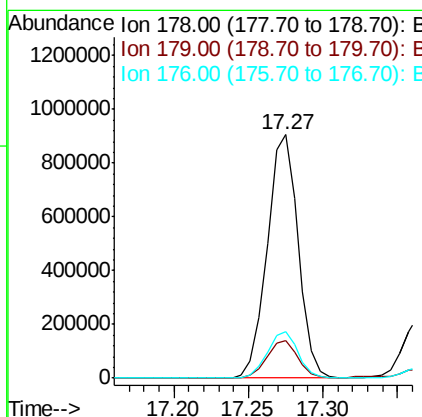
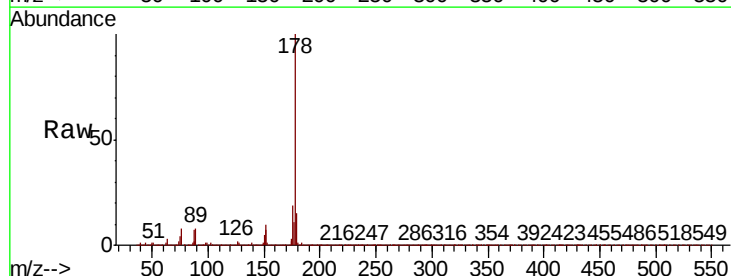
Instrument :
BNA_P
ClientSampleId :
A54A9

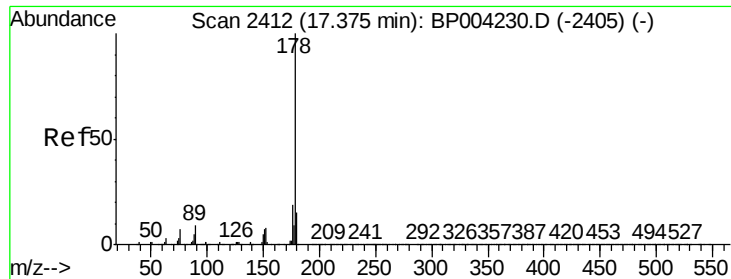
Tot Ion:163	Resp:	197118
Ion	Ratio	Lower Upper
163	100	
194	4.2	3.4 5.2
164	9.8	8.4 12.6



#70
Phenanthrene
Concen: 10.828 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BP004237.D
Acq: 11 Dec 2020 20:19

Tgt Ion:178	Resp:	1300333
Ion	Ratio	Lower Upper
178	100	
179	15.3	12.4 18.6
176	19.0	15.4 23.0





#72

Anthracene

Concen: 2.709 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

Instrument :

BNA_P

ClientSampled :

A54A9

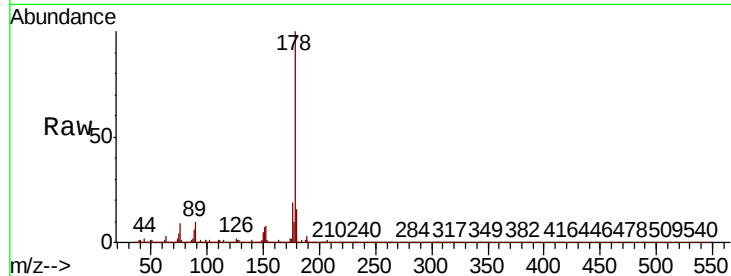
Tot Ion:178 Resp: 321933

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

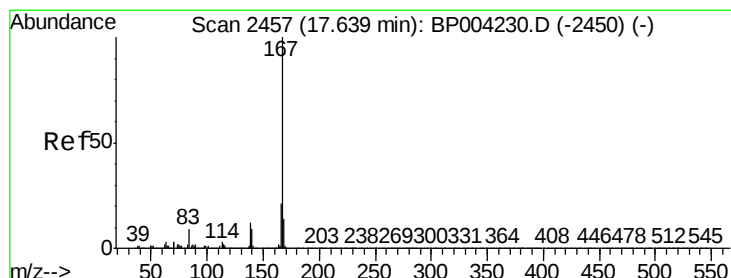
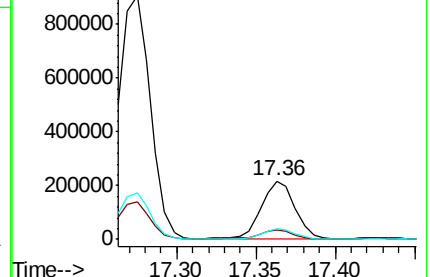
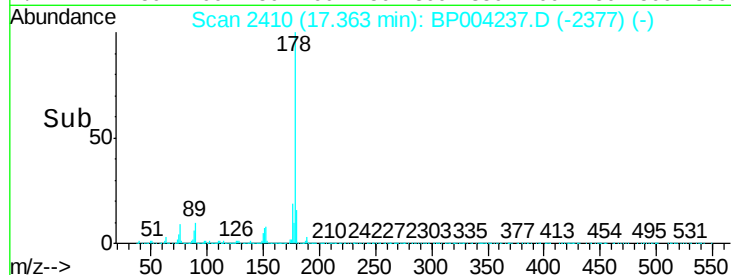
176 19.1 14.9 22.3



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: 1.059 ng/ul

RT: 17.63 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

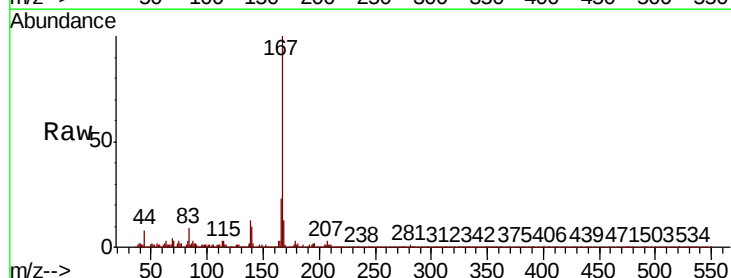
Tgt Ion:167 Resp: 102414

Ion Ratio Lower Upper

167 100

166 22.9 17.1 25.7

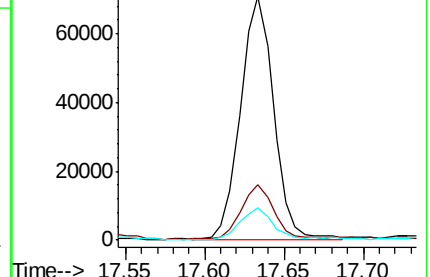
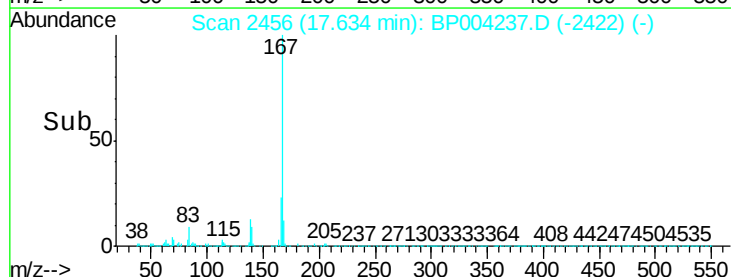
139 13.3 9.8 14.6

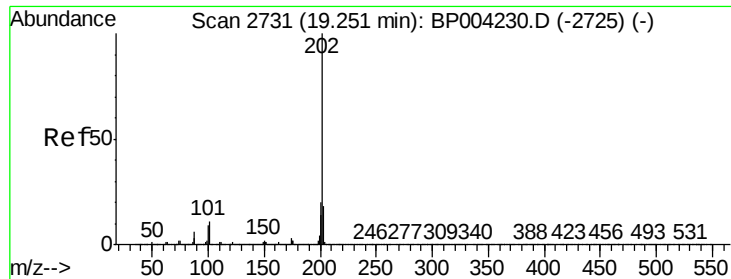


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

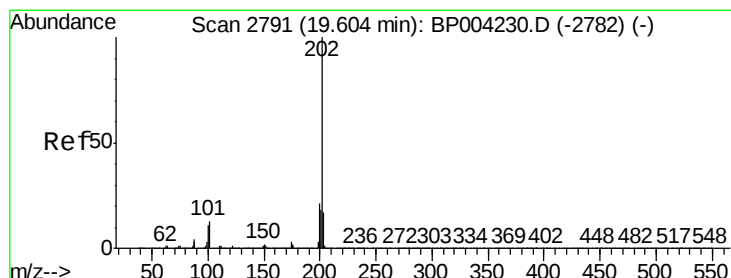
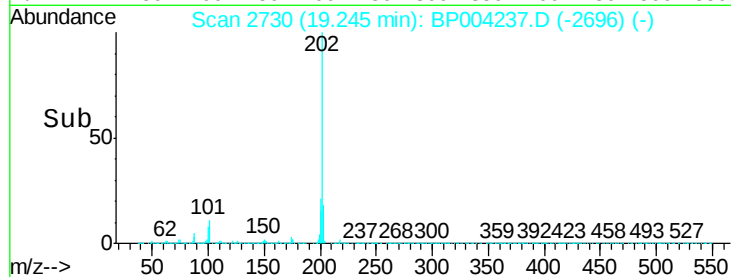
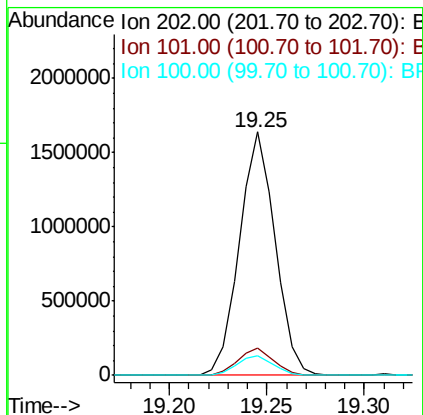
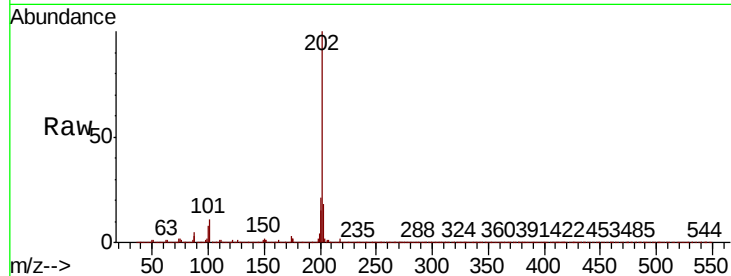




#77
 Fluoranthene
 Concen: 16.168 ng/ul
 RT: 19.25 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BP004237.D
 Acq: 11 Dec 2020 20:19

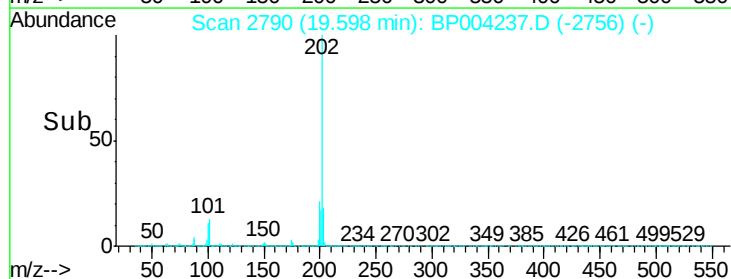
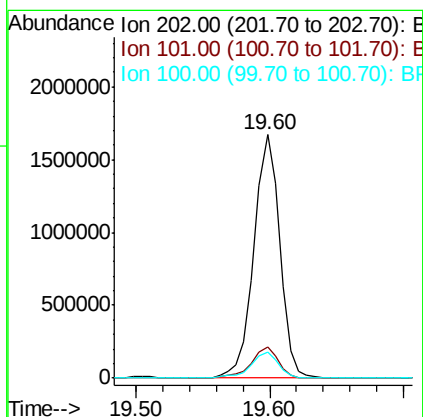
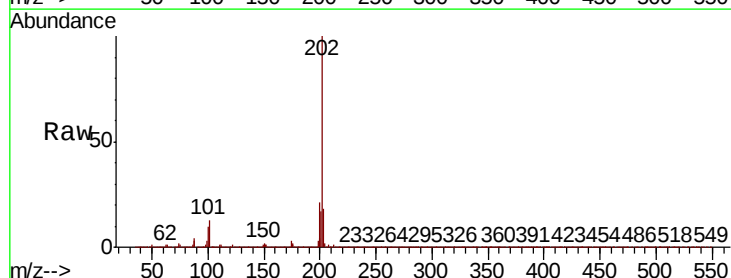
Instrument :
 BNA_P
 ClientSampleId :
 A54A9

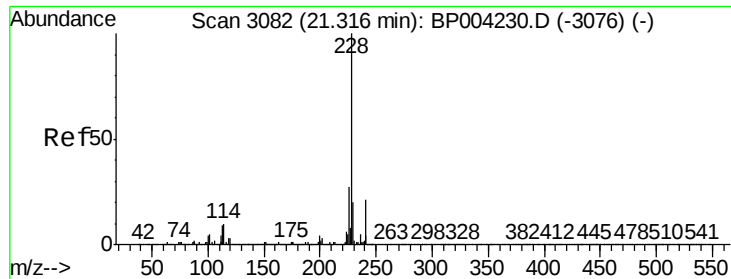
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	8.3	7.1	10.7



#80
 Pyrene
 Concen: 15.757 ng/ul
 RT: 19.60 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: BP004237.D
 Acq: 11 Dec 2020 20:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.6	15.8
100	10.5	8.6	12.8

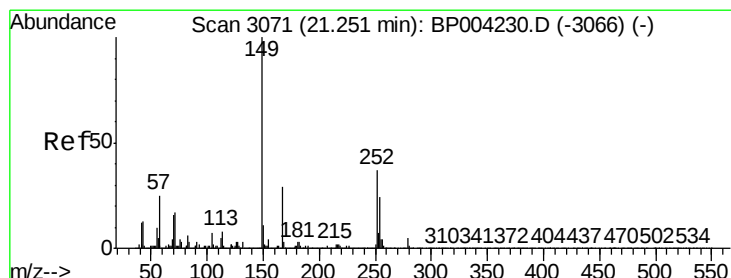
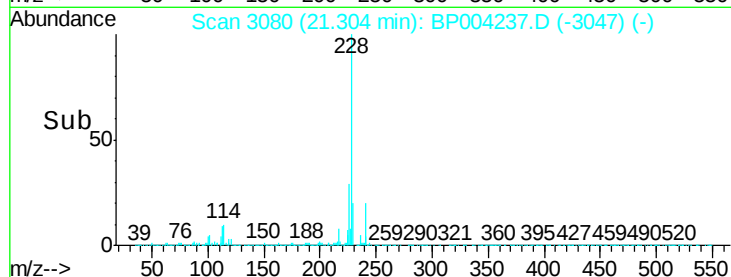
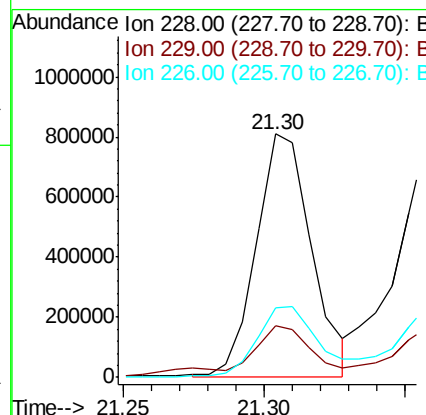
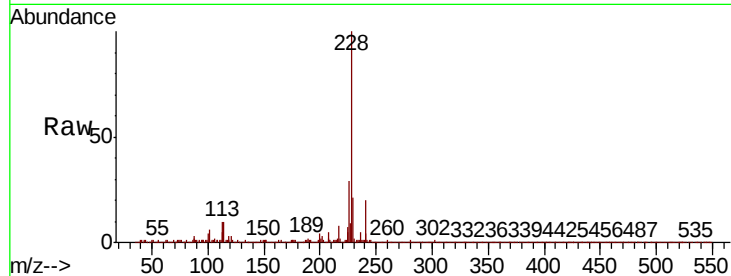




#83
Benzo(a)anthracene
Concen: 7.941 ng/ul
RT: 21.30 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP004237.D
Acq: 11 Dec 2020 20:19

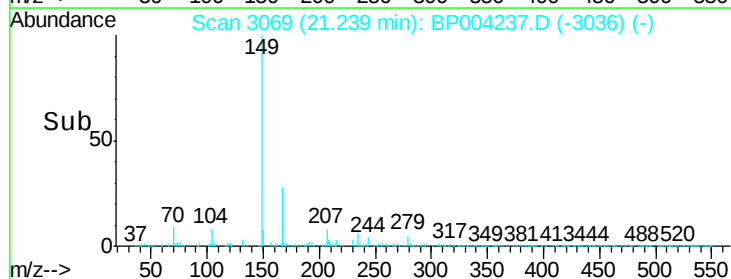
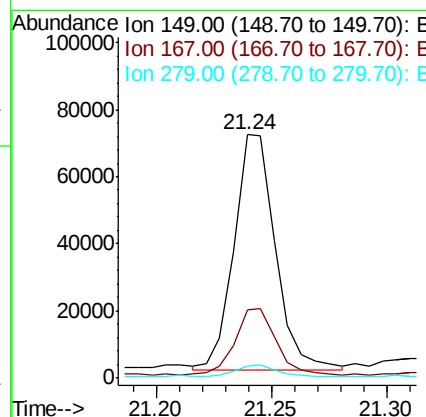
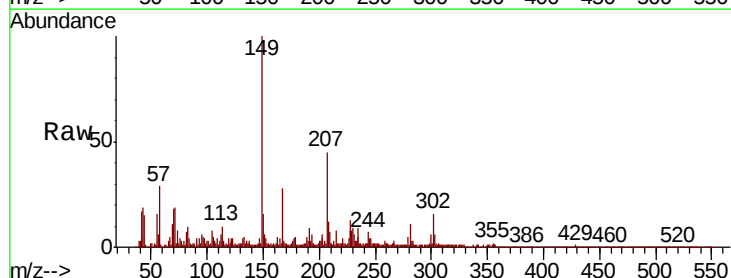
Instrument :
BNA_P
ClientSampleId :
A54A9

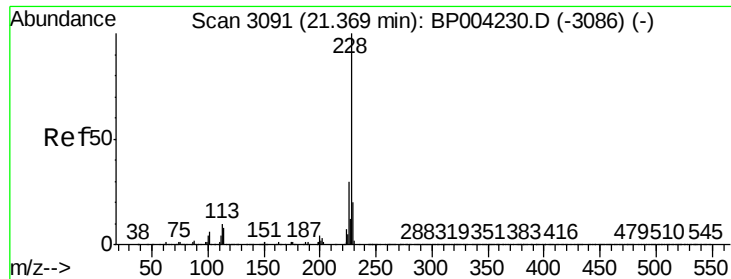
Tot Ion:228 Resp: 1093219
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 28.8 21.7 32.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.398 ng/ul
RT: 21.24 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BP004237.D
Acq: 11 Dec 2020 20:19

Tgt Ion:149 Resp: 88013
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 5.1 3.6 5.4





#85

Chrysene

Concen: 8.018 ng/ul

RT: 21.36 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

Instrument :

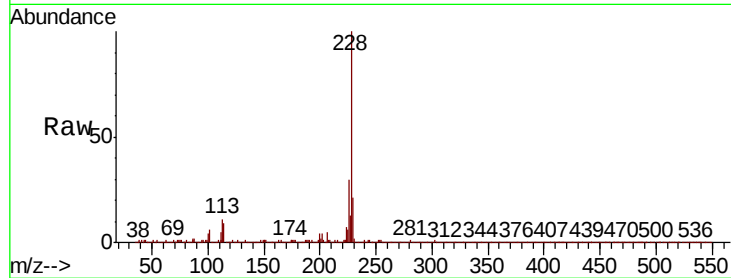
BNA_P

ClientSampleId :

A54A9

Tot Ion:228 Resp: 1082904

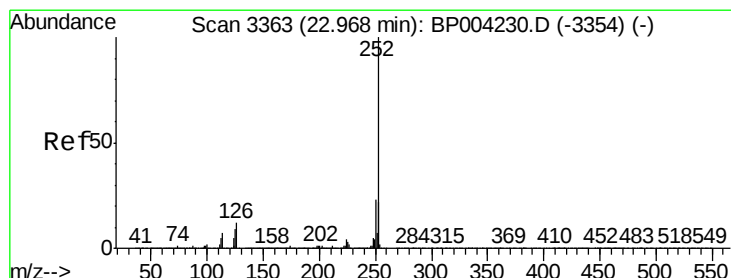
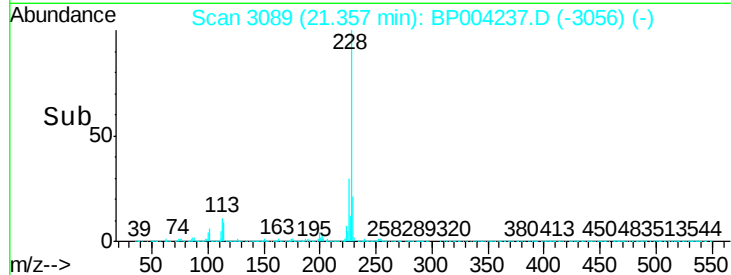
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	21.2	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 9.459 ng/ul

RT: 22.96 min Scan# 3362

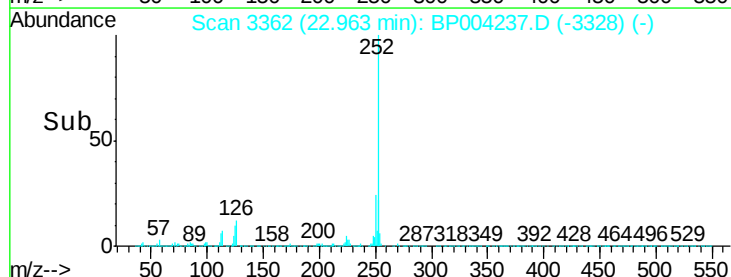
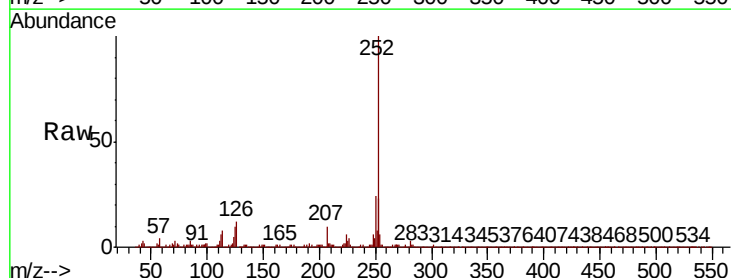
Delta R.T. 0.00 min

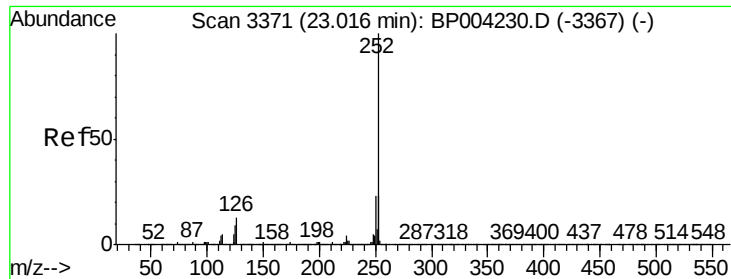
Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

Tgt Ion:252 Resp: 1338222

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.2	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 9.210 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

Instrument :

BNA_P

ClientSampleId :

A54A9

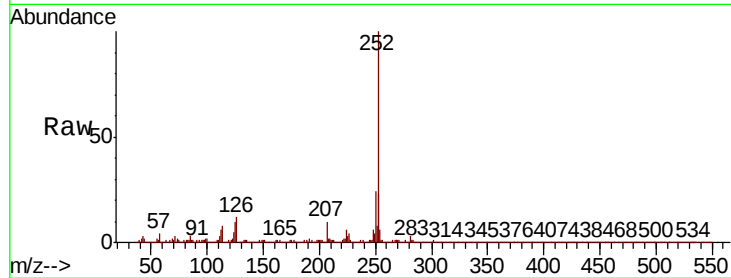
Tot Ion:252 Resp: 1338222

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

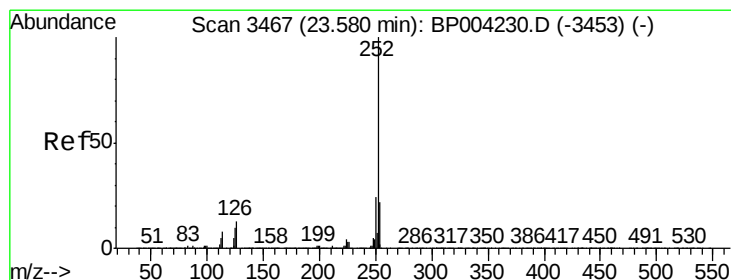
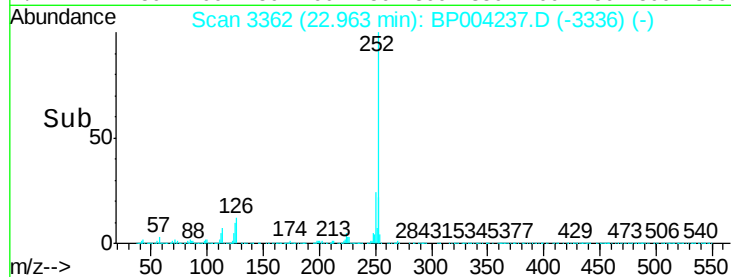
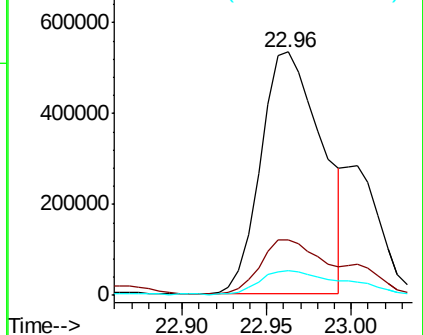
125 10.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 7.497 ng/ul

RT: 23.57 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

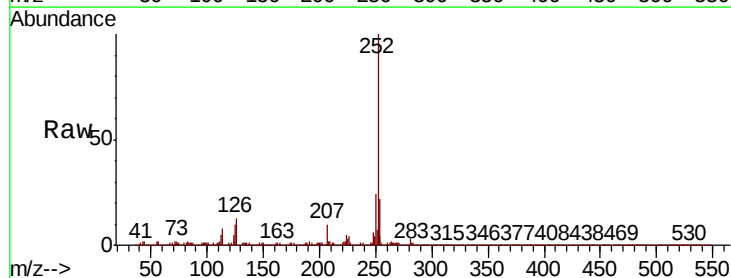
Tgt Ion:252 Resp: 989754

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

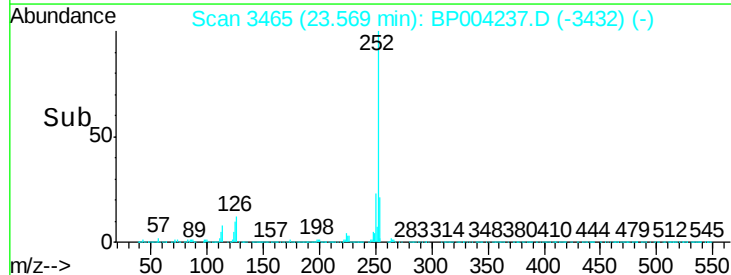
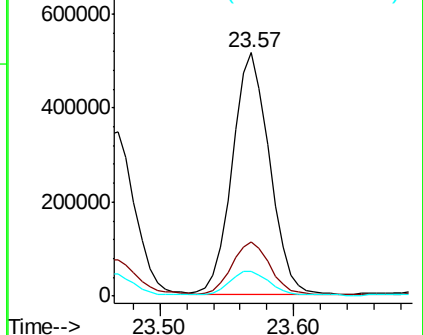
125 10.3 7.8 11.6

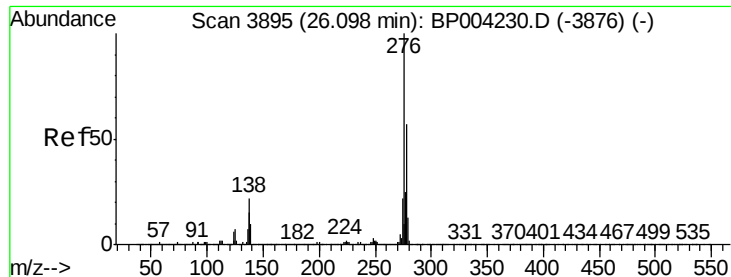


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



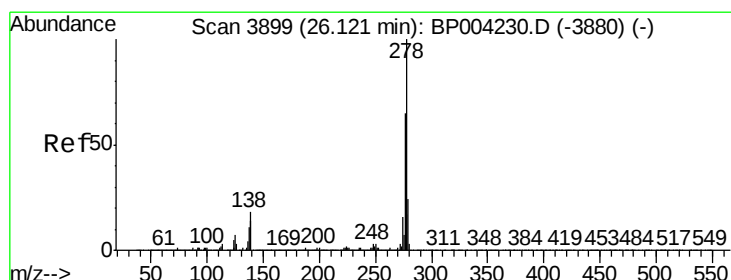
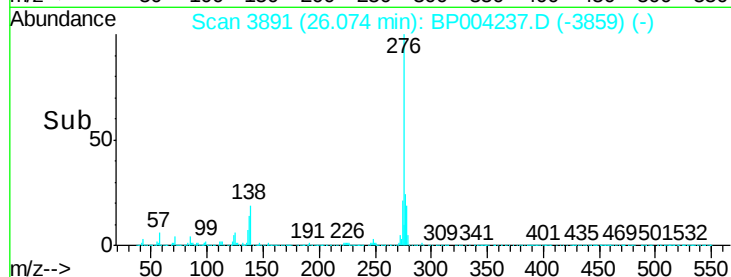
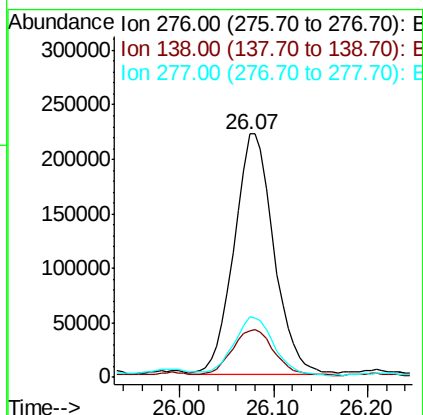
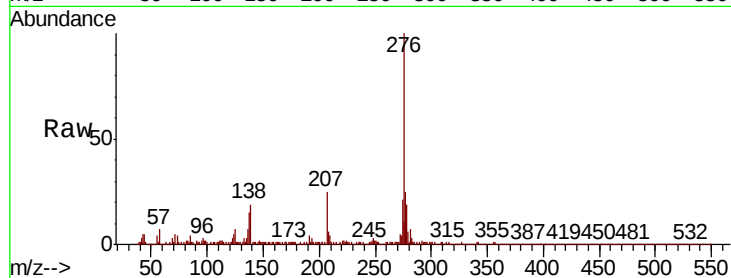


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.916 ng/ul
RT: 26.07 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BP004237.D
Acq: 11 Dec 2020 20:19

Instrument :
BNA_P
ClientSampleId :
A54A9

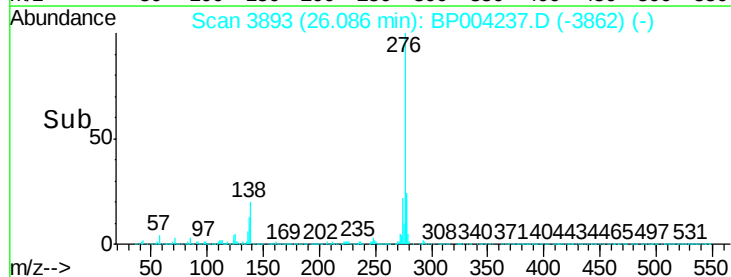
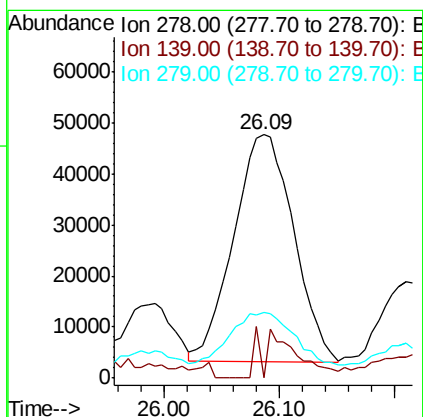
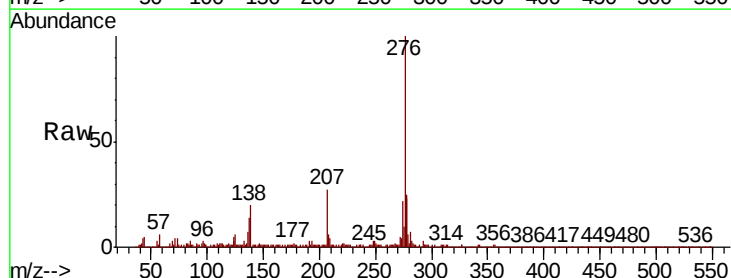
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.8	26.6
277	25.0	19.8	29.6

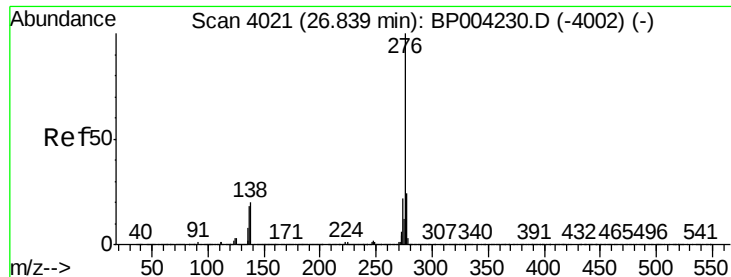


#93

Dibenzo(a,h)anthracene
Concen: 1.152 ng/ul
RT: 26.09 min Scan# 3893
Delta R.T. -0.02 min
Lab File: BP004237.D
Acq: 11 Dec 2020 20:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	26.8	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 4.251 ng/ul

RT: 26.82 min Scan# 4018

Delta R.T. -0.01 min

Lab File: BP004237.D

Acq: 11 Dec 2020 20:19

Instrument :

BNA_P

ClientSampleId :

A54A9

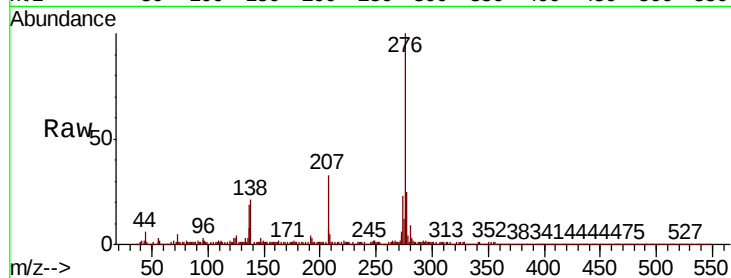
Tot Ion:276 Resp: 590528

Ion Ratio Lower Upper

276 100

138 21.0 16.6 25.0

277 24.6 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

