

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004235.D
 Acq On : 11 Dec 2020 19:11
 Operator : CG/JU
 Sample : L5000-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54B3

Quant Time: Dec 11 23:59:30 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	402202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1657772	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	990506	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2107593	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2157787	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2285340	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	23665	2.07	ng/uL	0.00
5) Phenol-d5	6.99	99	433428	13.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	287399	13.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	359650	14.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	286385	11.39	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	184660	13.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	166940	14.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	342796	13.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	359433	11.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1115493	14.74	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1438120	14.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	125640	9.83	ng/ul	0.00
58) Fluorene-d10	15.47	176	986105	14.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	101035	9.99	ng/ul	0.00
71) Anthracene-d10	17.33	188	1552282	15.11	ng/ul	0.00
79) Pyrene-d10	19.57	212	1868022	16.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1955635	16.24	ng/ul	0.00

Target Compounds

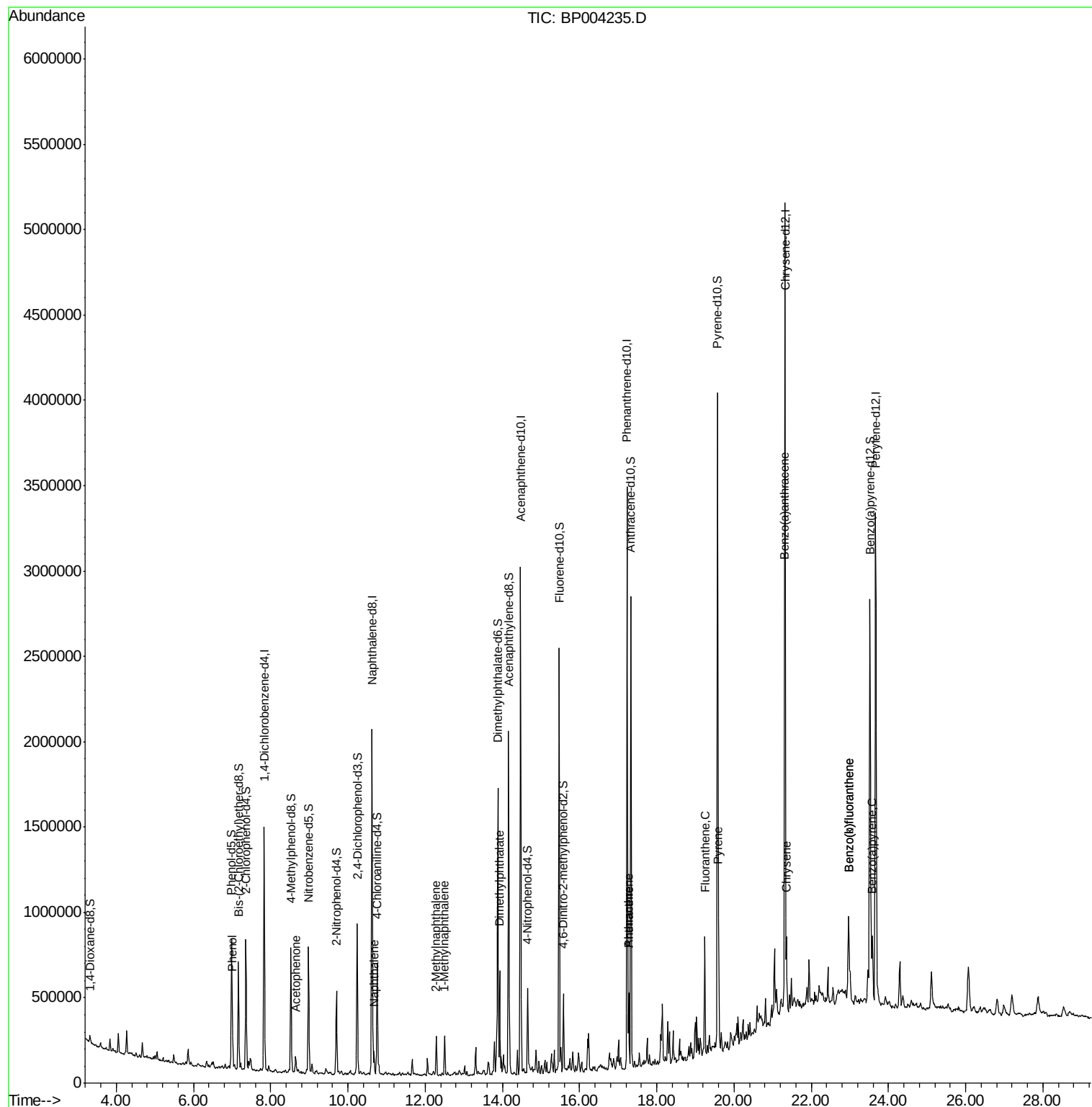
					Ovalue
6) Phenol	7.01	94	109622	3.156	ng/ul 99
14) Acetophenone	8.65	105	55962	1.408	ng/ul 98
28) Naphthalene	10.67	128	104825	1.115	ng/ul 99
34) 2-Methylnaphthalene	12.29	142	107186	1.695	ng/ul 96
35) 1-Methylnaphthalene	12.51	142	110010	1.498	ng/ul# 97
45) Dimethylphthalate	13.93	163	387200	5.022	ng/ul 100
70) Phenanthrene	17.27	178	276367	2.223	ng/ul 99
72) Anthracene	17.27	178	276691	2.249	ng/ul 99
77) Fluoranthene	19.24	202	348467	2.625	ng/ul 98
80) Pyrene	19.60	202	382037	2.625	ng/ul 100
83) Benzo(a)anthracene	21.30	228	213416	1.500	ng/ul 95
85) Chrysene	21.36	228	252638	1.811	ng/ul 97
88) Benzo(b)fluoranthene	22.96	252	297554	2.053	ng/ul 98
89) Benzo(k)fluoranthene	22.96	252	297554	1.999	ng/ul# 98
91) Benzo(a)pyrene	23.57	252	194277	1.437	ng/ul 97

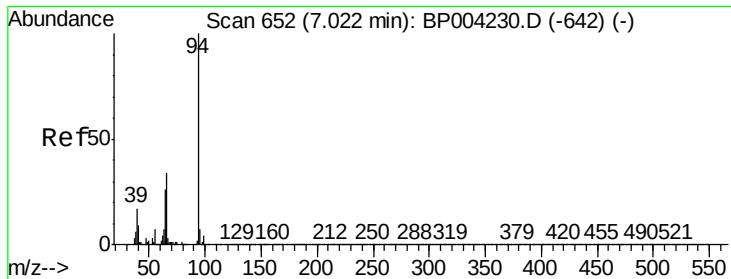
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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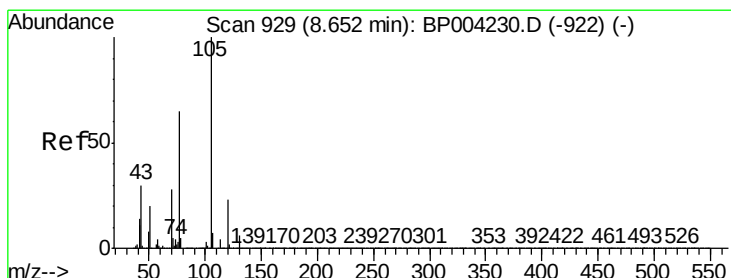
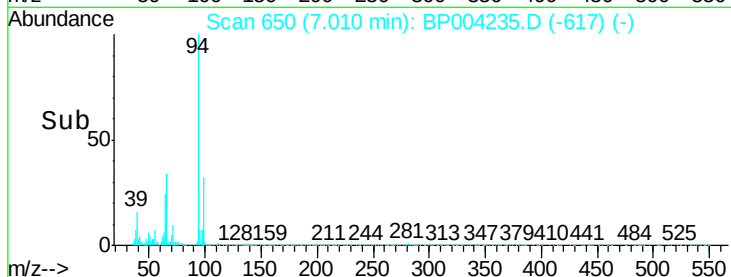
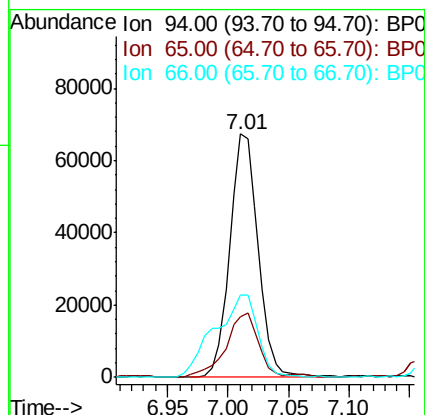
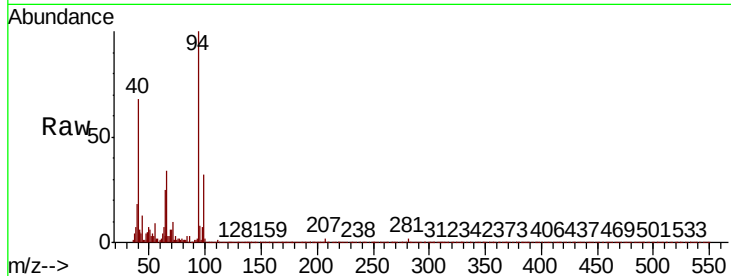




#6
Phenol
Concen: 3.156 ng/ul
RT: 7.01 min Scan# 650
Delta R.T. -0.01 min
Lab File: BP004235.D
Acq: 11 Dec 2020 19:11

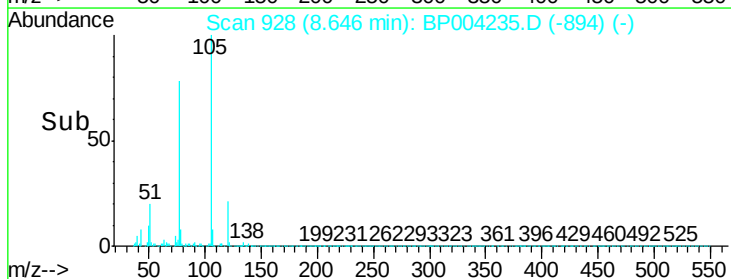
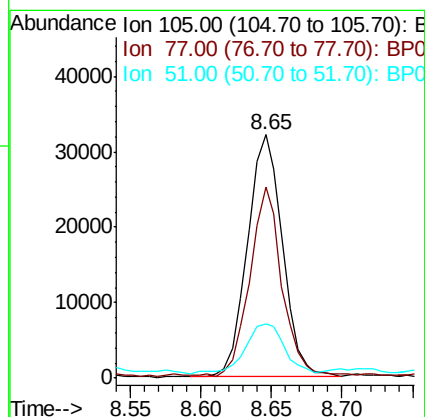
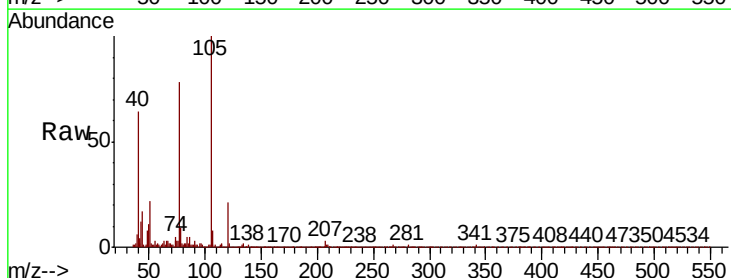
Instrument :
BNA_P
ClientSampleId :
A54B3

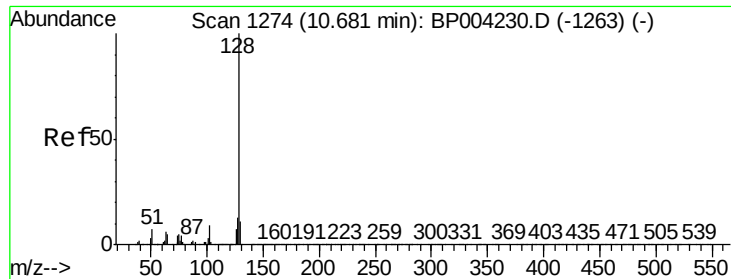
Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	25.1	20.8	31.2	
66	33.6	26.5	39.7	



#14
Acetophenone
Concen: 1.408 ng/ul
RT: 8.65 min Scan# 928
Delta R.T. -0.00 min
Lab File: BP004235.D
Acq: 11 Dec 2020 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
77	78.4	61.1	91.7	
51	22.3	18.5	27.7	





#28

Naphthalene

Concen: 1.115 ng/ul

RT: 10.67 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Instrument :

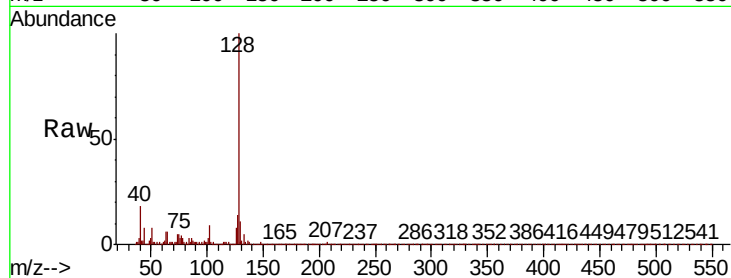
BNA_P

ClientSampleId :

A54B3

Tot Ion:128 Resp: 104825

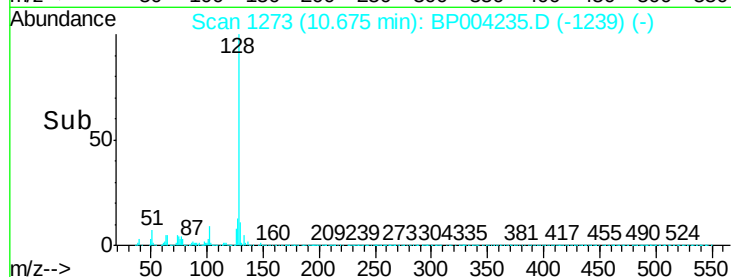
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.6	16.0



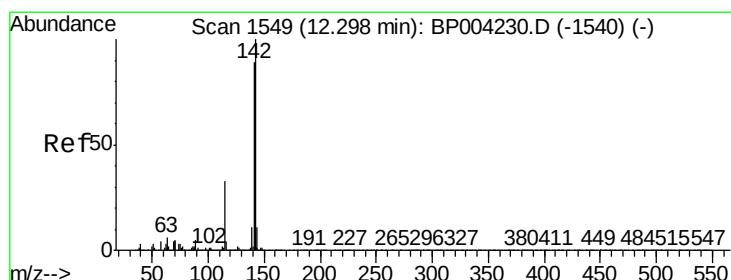
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#34

2-Methylnaphthalene

Concen: 1.695 ng/ul

RT: 12.29 min Scan# 1547

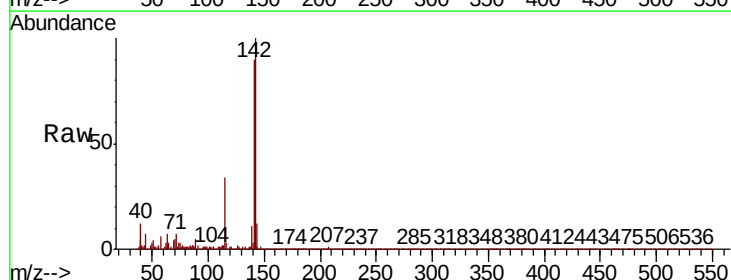
Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

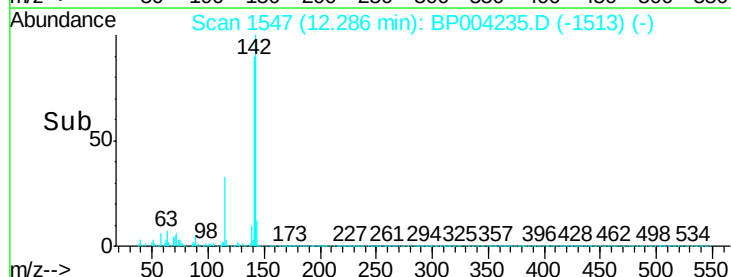
Tgt Ion:142 Resp: 107186

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.7	104.5

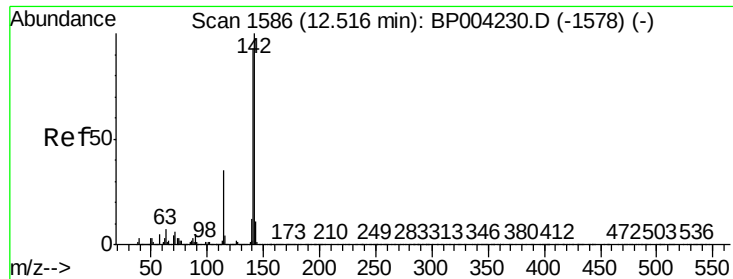


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#35

1-Methylnaphthalene

Concen: 1.498 ng/ul

RT: 12.51 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Instrument :

BNA_P

ClientSampleId :

A54B3

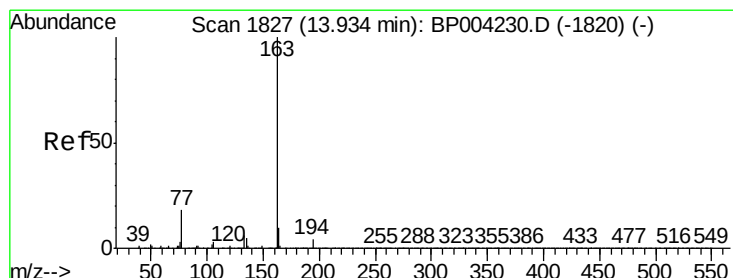
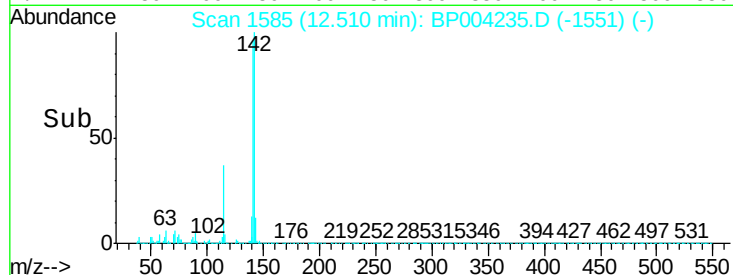
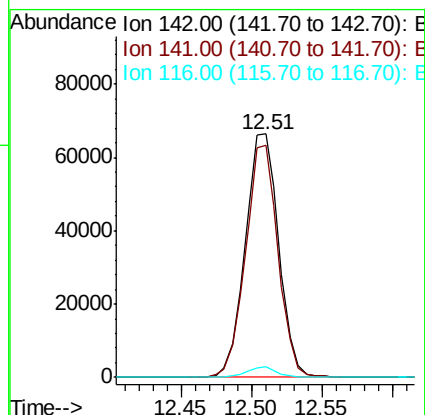
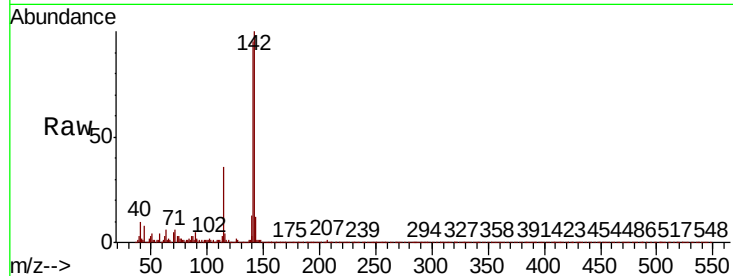
Tot Ion:142 Resp: 110010

Ion Ratio Lower Upper

142 100

141 95.4 73.8 110.8

116 4.4 2.8 4.2#



#45

Dimethylphthalate

Concen: 5.022 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

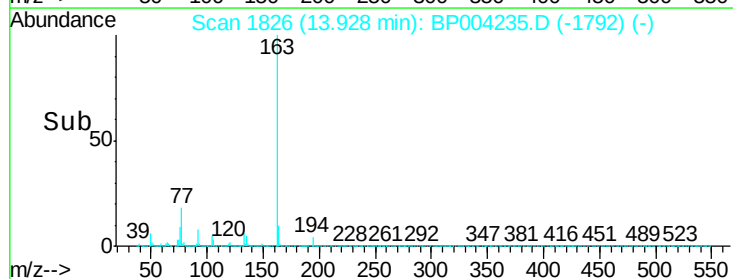
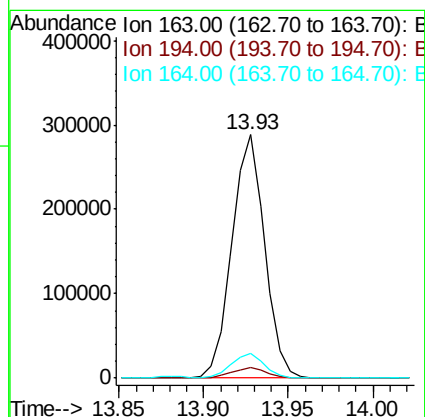
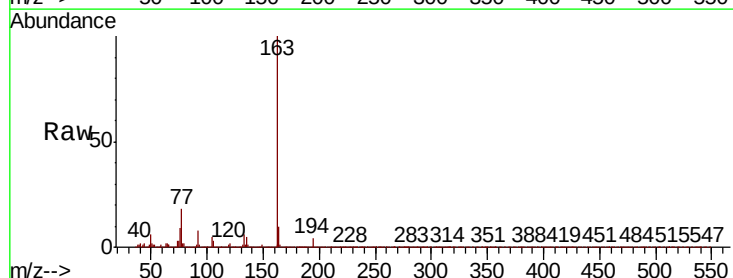
Tgt Ion:163 Resp: 387200

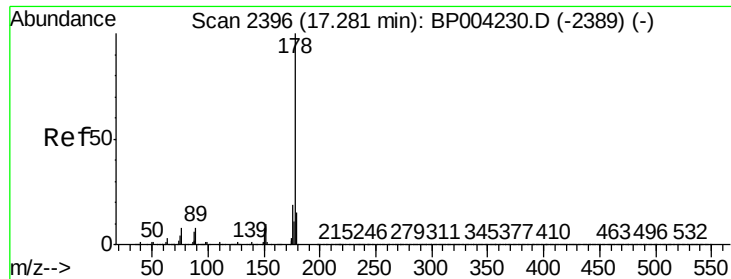
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.4 12.6





#70

Phenanthrene

Concen: 2.223 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Instrument :

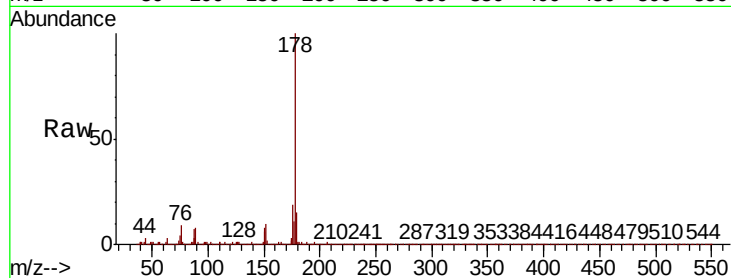
BNA_P

ClientSampleId :

A54B3

Tot Ion:178 Resp: 276367

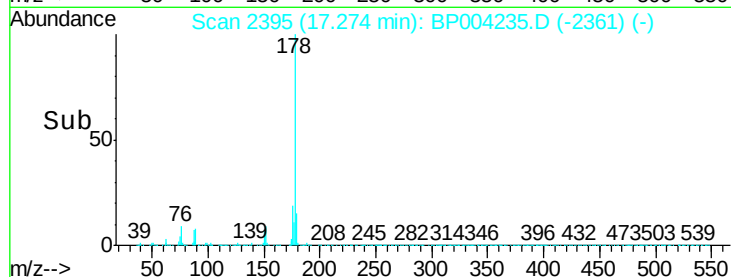
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.0	15.4	23.0



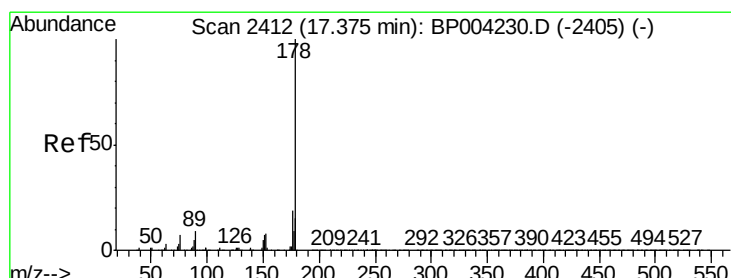
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.25 17.30



#72

Anthracene

Concen: 2.249 ng/ul

RT: 17.27 min Scan# 2395

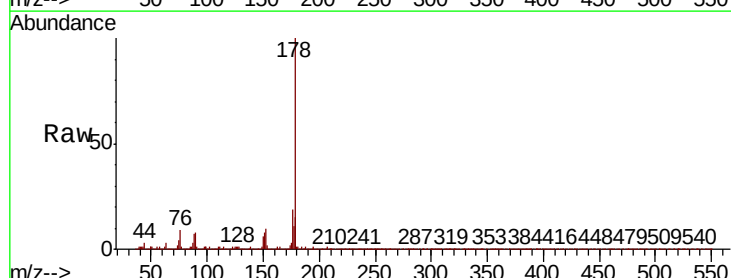
Delta R.T. -0.09 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Tgt Ion:178 Resp: 276691

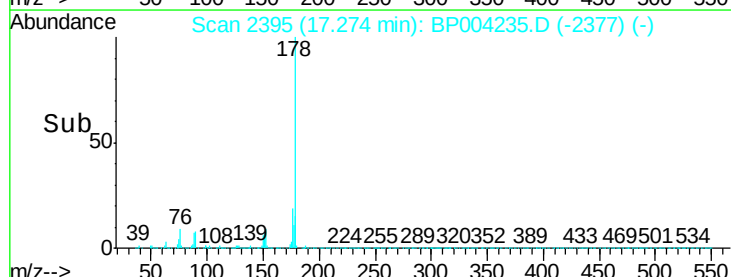
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.0	14.9	22.3



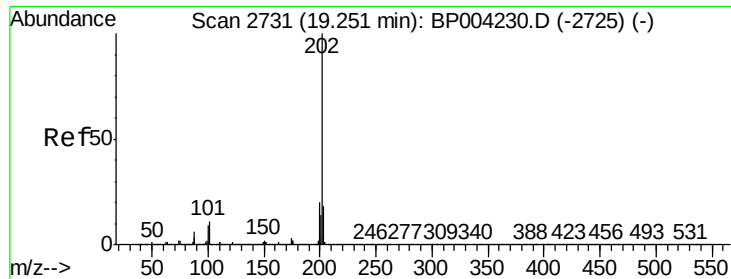
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.25 17.30



#77

Fluoranthene

Concen: 2.625 ng/ul

RT: 19.24 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Instrument :

BNA_P

ClientSampleId :

A54B3

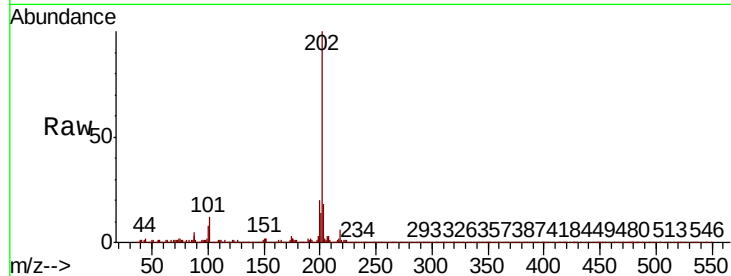
Tot Ion:202 Resp: 348467

Ion Ratio Lower Upper

202 100

101 11.9 9.1 13.7

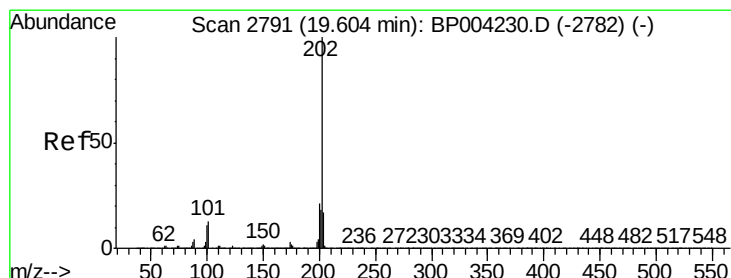
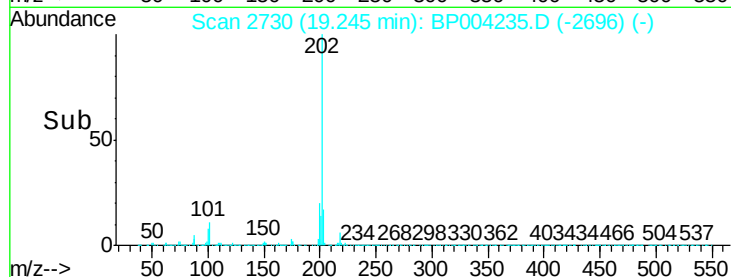
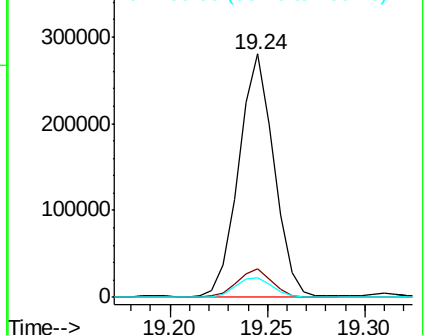
100 7.8 7.1 10.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 2.625 ng/ul

RT: 19.60 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

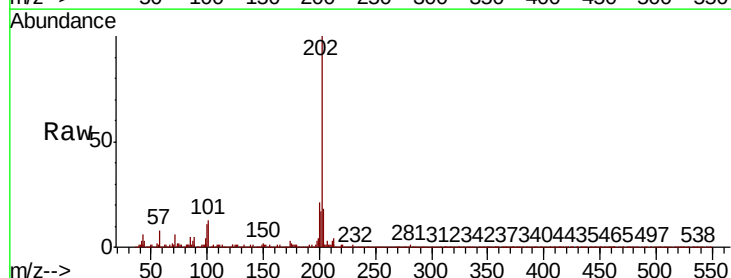
Tgt Ion:202 Resp: 382037

Ion Ratio Lower Upper

202 100

101 13.3 10.6 15.8

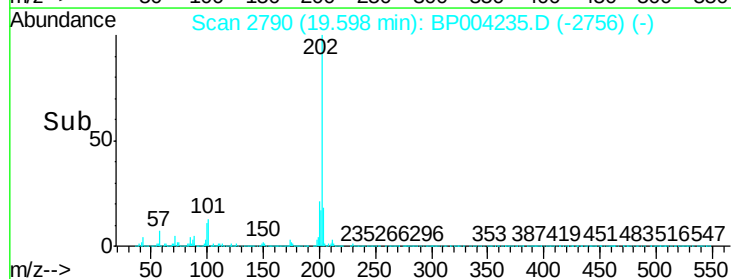
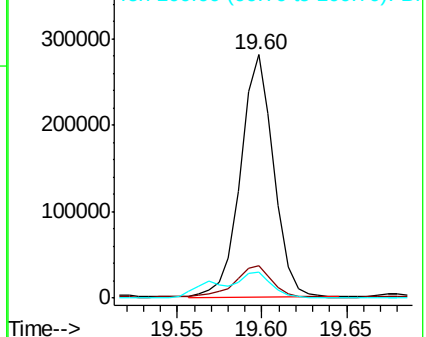
100 10.8 8.6 12.8

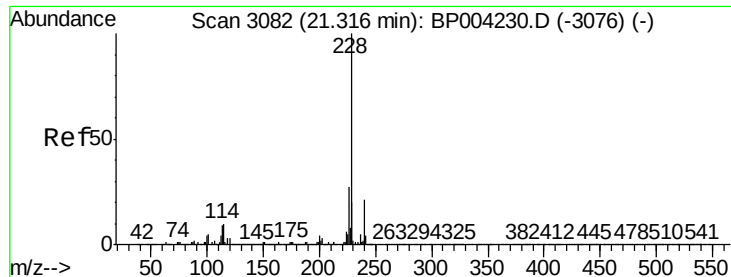


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

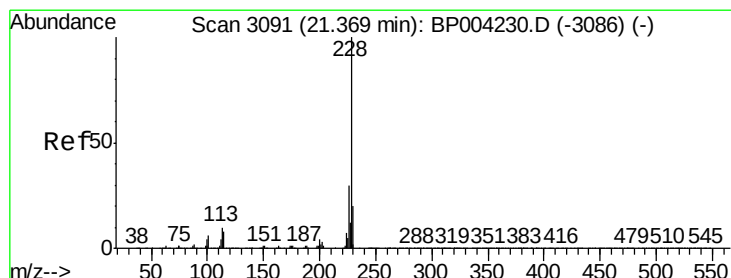
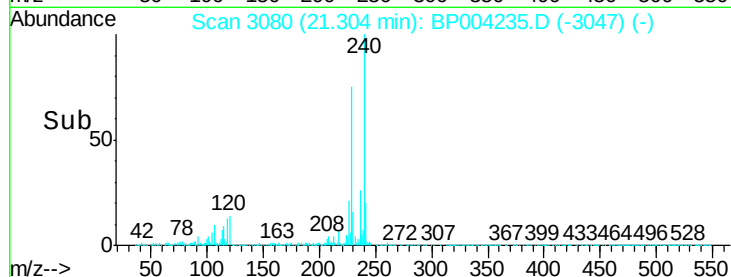
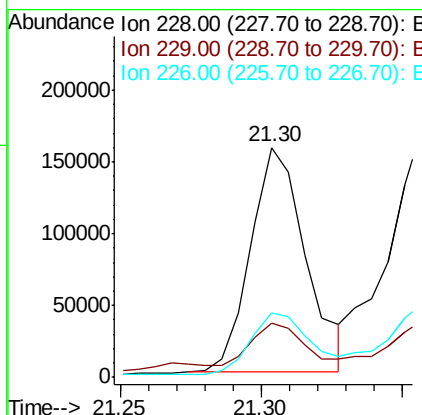
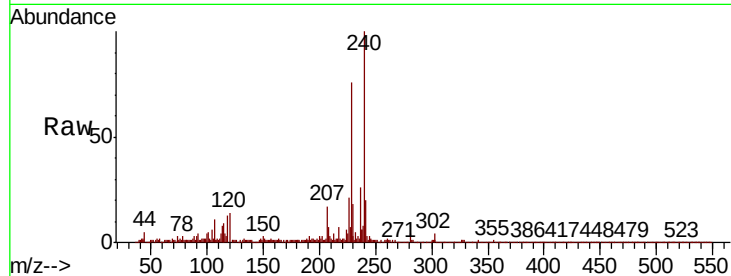




#83
Benzo(a)anthracene
Concen: 1.500 ng/ul
RT: 21.30 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP004235.D
Acq: 11 Dec 2020 19:11

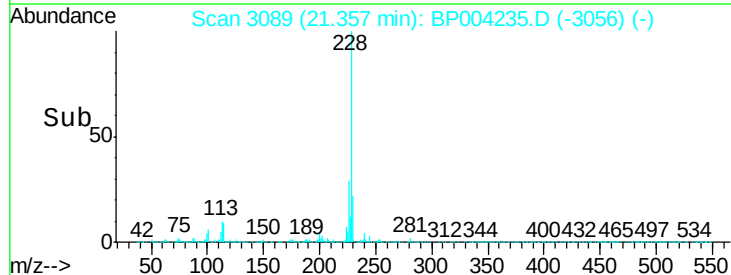
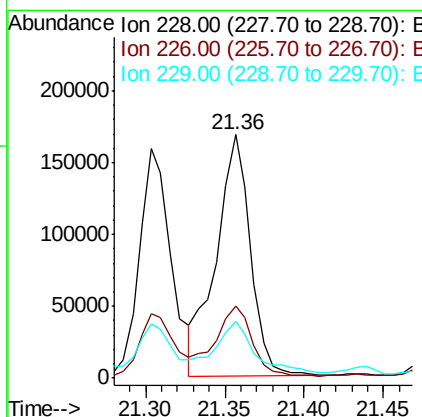
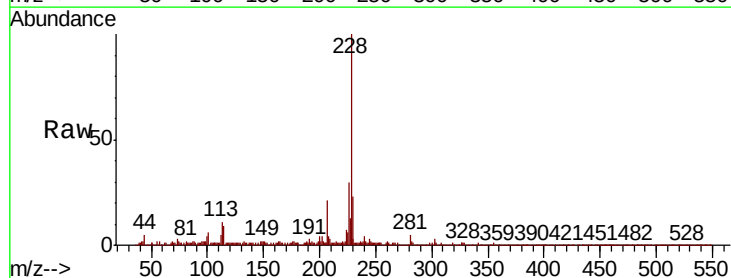
Instrument :
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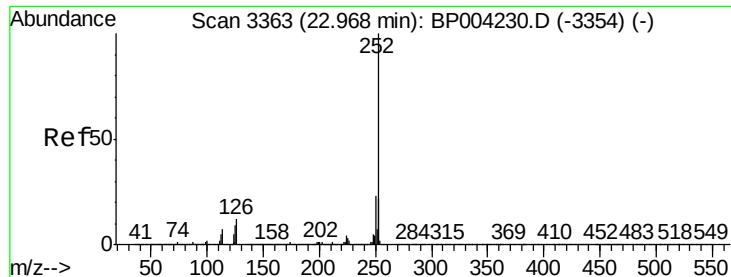
Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.8	23.8
226	28.2	21.7	32.5



#85
Chrysene
Concen: 1.811 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004235.D
Acq: 11 Dec 2020 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	23.1	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 2.053 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Instrument :

BNA_P

ClientSampleId :

A54B3

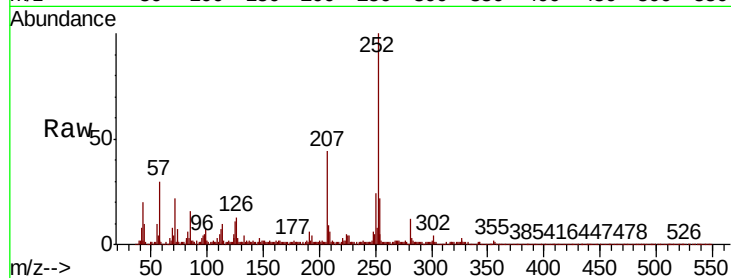
Tot Ion:252 Resp: 297554

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

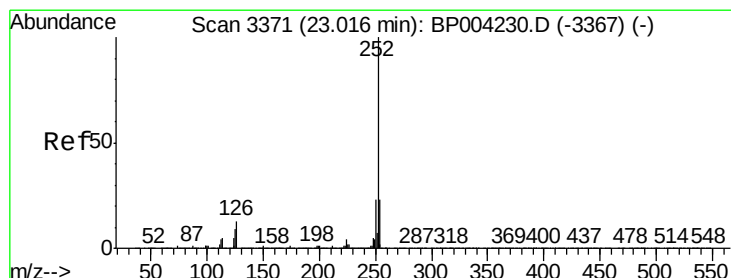
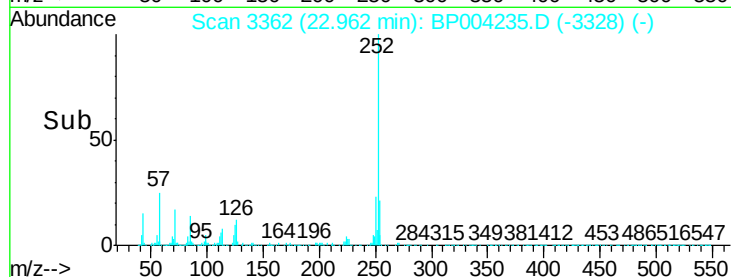
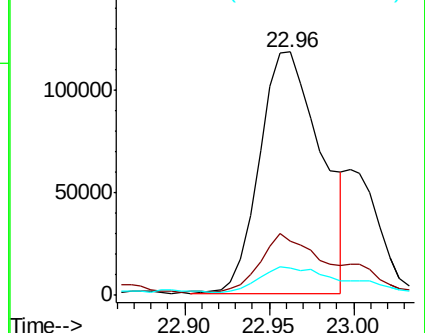
125 11.3 7.7 11.5



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



#89

Benzo(k)fluoranthene

Concen: 1.999 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

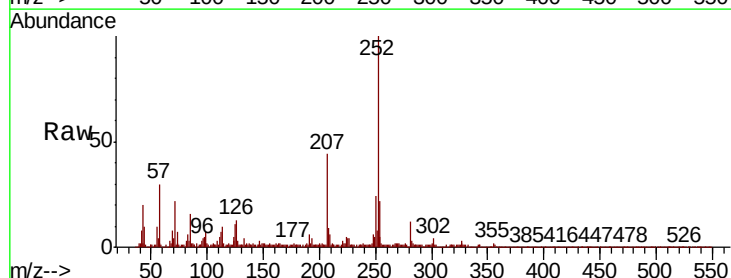
Tgt Ion:252 Resp: 297554

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

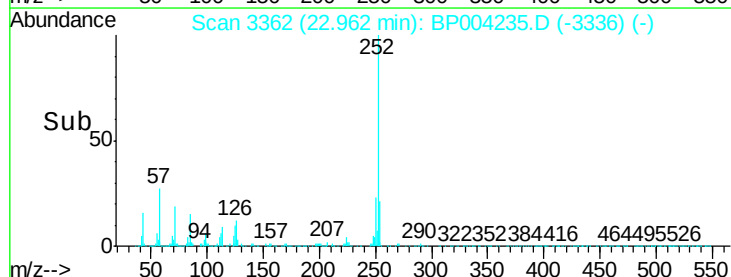
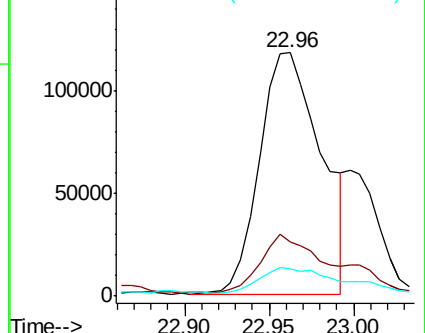
125 11.3 7.3 10.9#

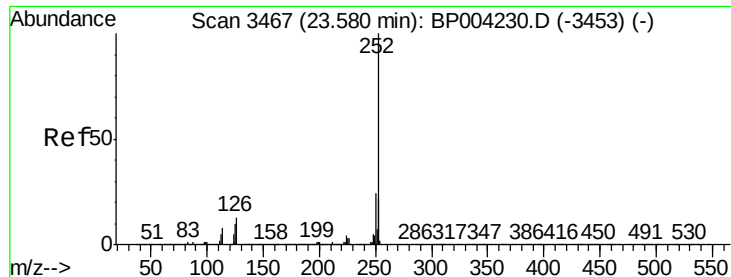


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.437 ng/ul

RT: 23.57 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BP004235.D

Acq: 11 Dec 2020 19:11

Instrument :

BNA_P

ClientSampleId :

A54B3

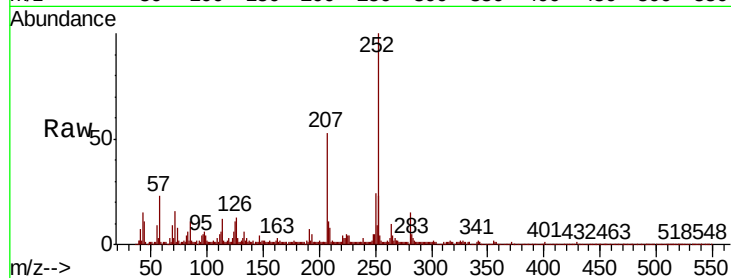
Tot Ion:252 Resp: 194277

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.3 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

