

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004236.D
 Acq On : 11 Dec 2020 19:45
 Operator : CG/JU
 Sample : L5000-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A7

Quant Time: Dec 11 23:59:45 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	458589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1854430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	1105874	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2346158	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2392902	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2529038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26218	2.01	ng/uL	0.00
5) Phenol-d5	6.99	99	494680	13.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	315824	13.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	400616	13.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	377021	13.15	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	203985	13.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	184951	14.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	376738	13.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	478612	14.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1174765	13.90	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1554985	14.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	106720	7.48	ng/ul	0.00
58) Fluorene-d10	15.47	176	1043478	13.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	88013	7.82	ng/ul	0.00
71) Anthracene-d10	17.33	188	1618145	14.15	ng/ul	0.00
79) Pyrene-d10	19.57	212	1942805	15.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2029122	15.23	ng/ul	0.00

Target Compounds

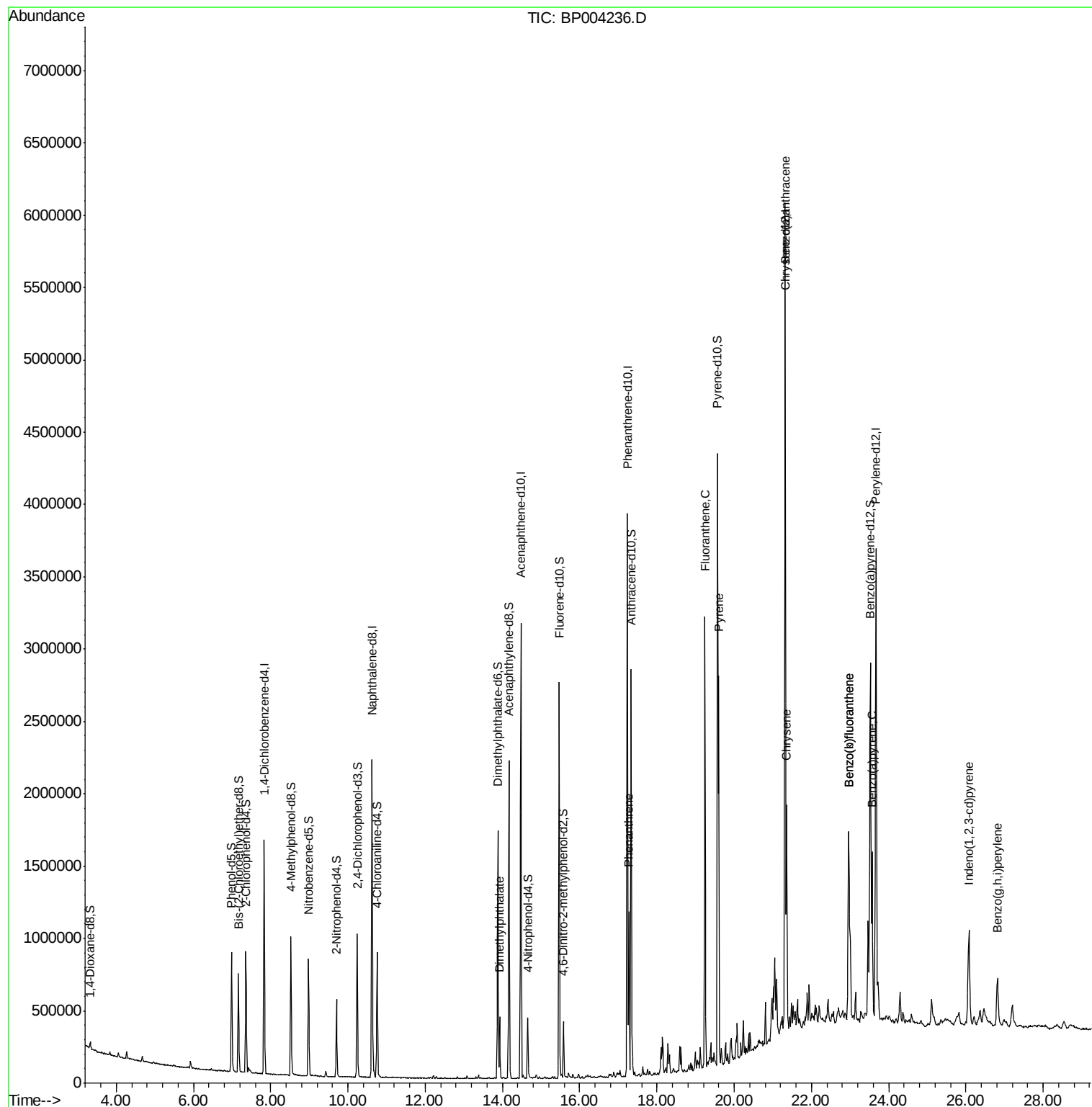
					Ovalue
45) Dimethylphthalate	13.93	163	277099	3.219	ng/ul 99
70) Phenanthrene	17.27	178	684231	4.943	ng/ul 99
77) Fluoranthene	19.25	202	1829050	12.376	ng/ul 99
80) Pyrene	19.60	202	1605572	9.947	ng/ul 99
83) Benzo(a)anthracene	21.31	228	785421	4.980	ng/ul 94
85) Chrysene	21.36	228	872124	5.636	ng/ul 98
88) Benzo(b)fluoranthene	22.96	252	1186949	7.401	ng/ul 99
89) Benzo(k)fluoranthene	22.96	252	1186949	7.206	ng/ul 99
91) Benzo(a)pyrene	23.57	252	798866	5.338	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.08	276	563786	3.004	ng/ul 96
94) Benzo(g,h,i)perylene	26.82	276	449002	2.851	ng/ul 97

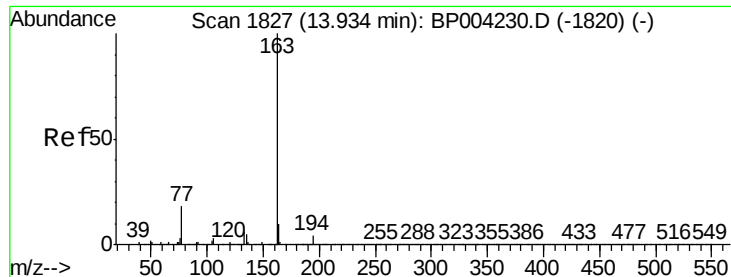
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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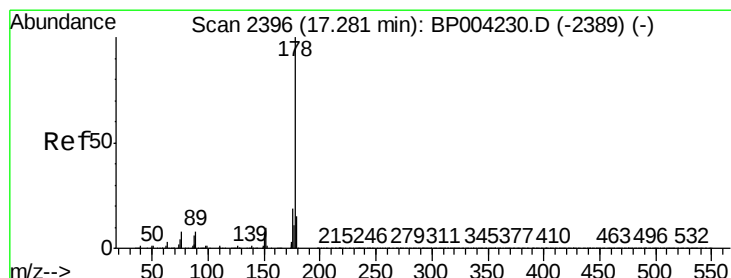
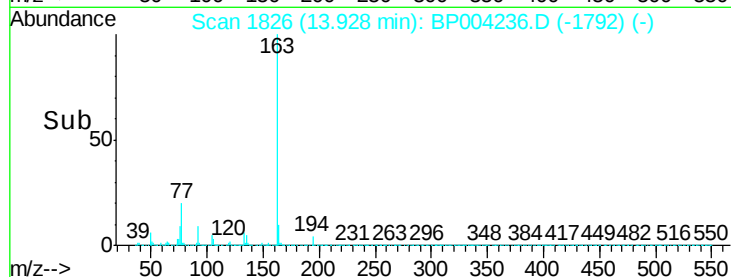
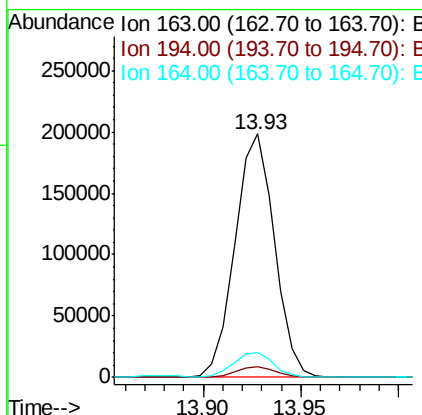
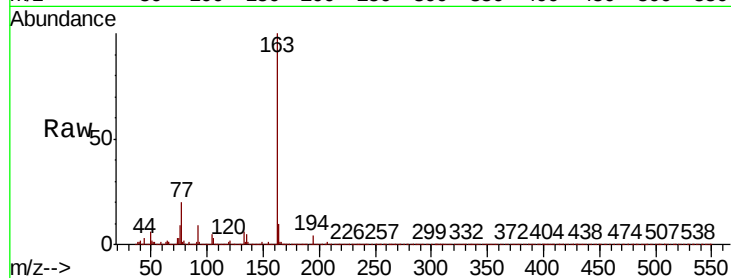




#45
Dimethylphthalate
Concen: 3.219 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

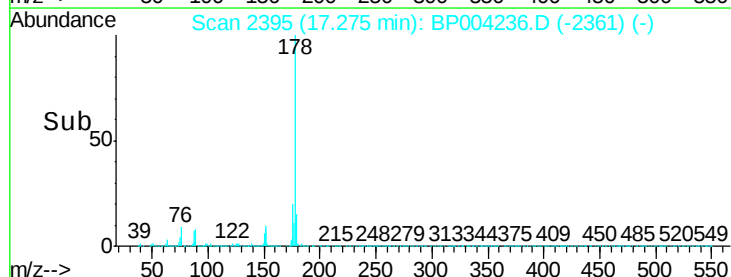
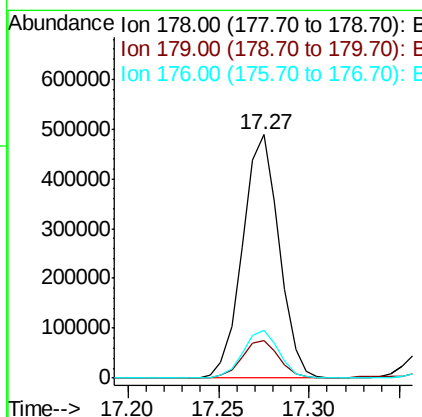
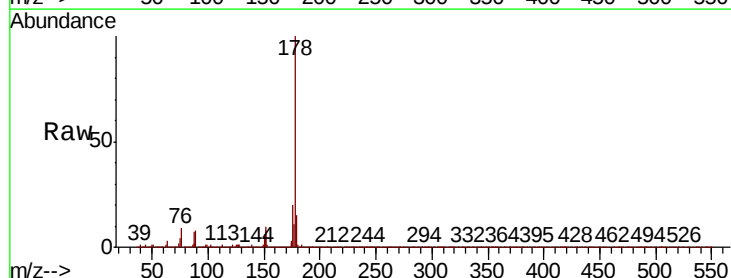
Instrument :
BNA_P
ClientSampleId :
A54A7

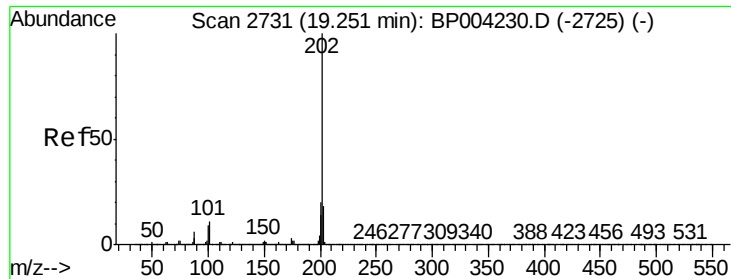
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.4	12.6



#70
Phenanthrene
Concen: 4.943 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.6	15.4	23.0

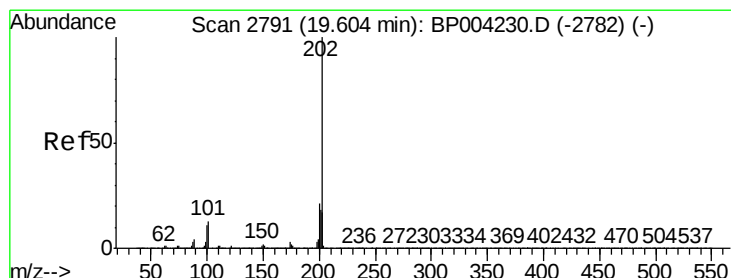
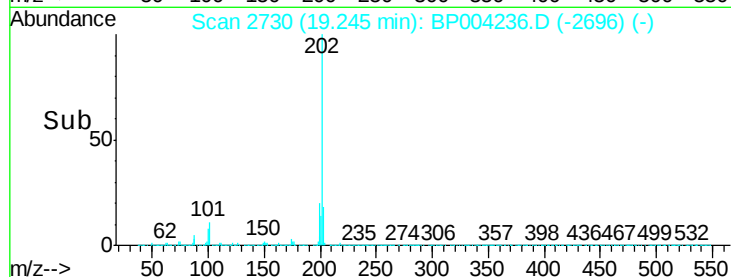
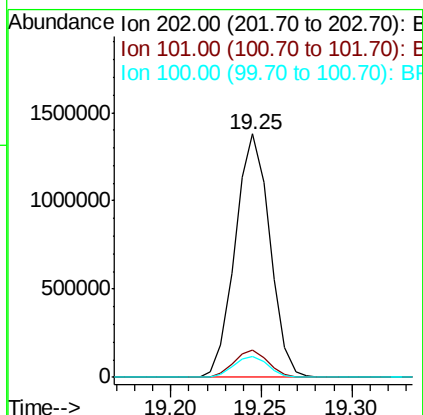
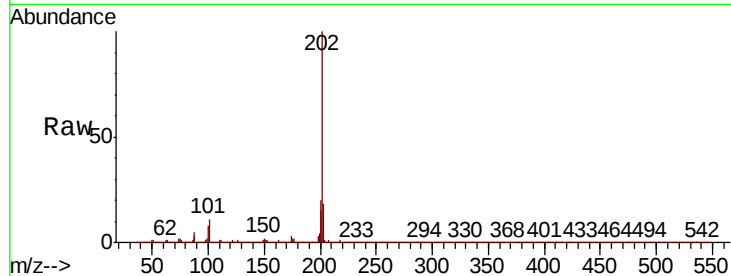




#77
 Fluoranthene
 Concen: 12.376 ng/ul
 RT: 19.25 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BP004236.D
 Acq: 11 Dec 2020 19:45

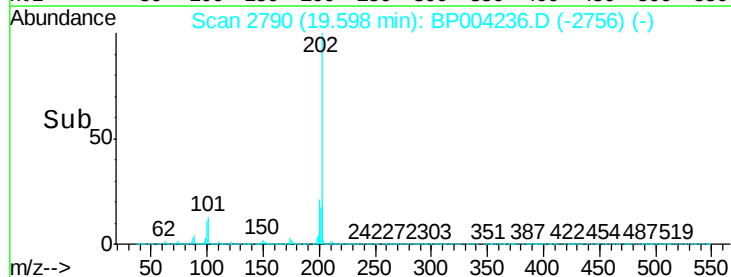
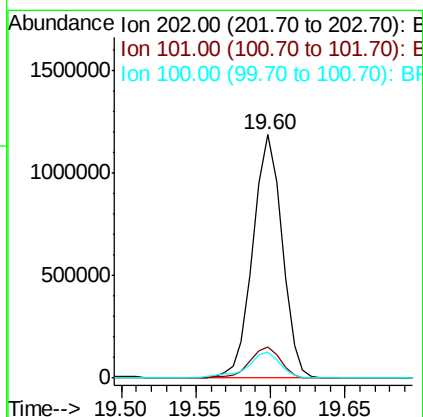
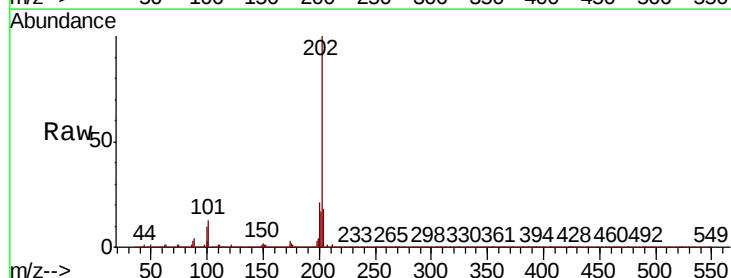
Instrument :
 BNA_P
 ClientSampleId :
 A54A7

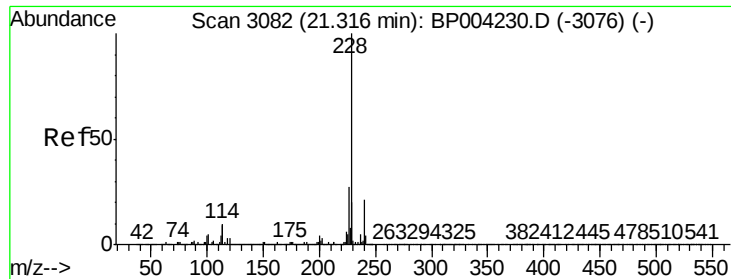
Tot Ion:202 Resp: 1829050
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.1 13.7
 100 8.5 7.1 10.7



#80
 Pyrene
 Concen: 9.947 ng/ul
 RT: 19.60 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: BP004236.D
 Acq: 11 Dec 2020 19:45

Tgt Ion:202 Resp: 1605572
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.6 15.8
 100 10.5 8.6 12.8

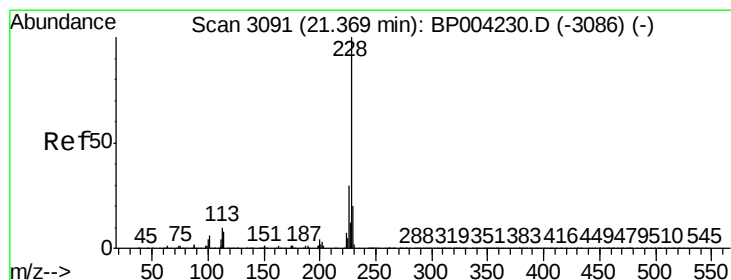
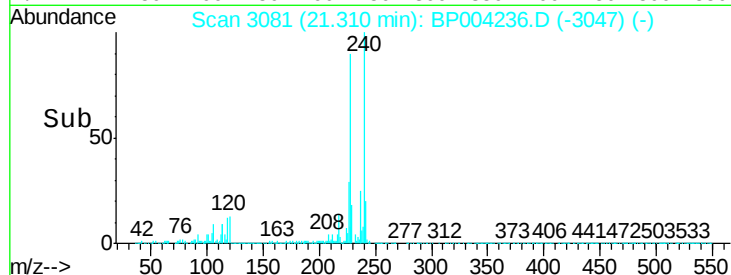
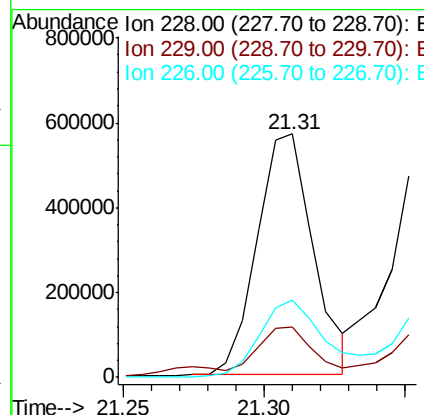
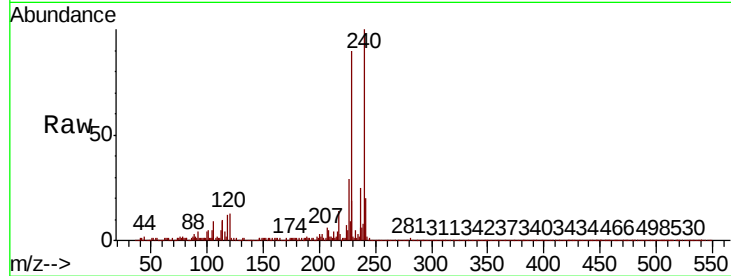




#83
Benzo(a)anthracene
Concen: 4.980 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

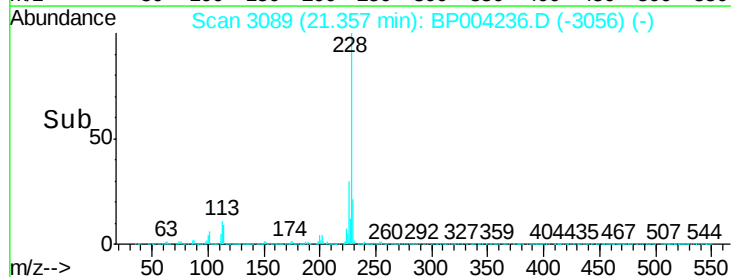
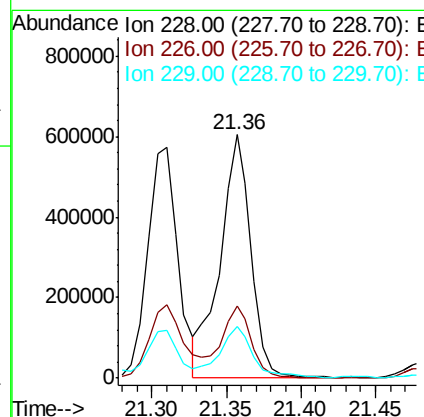
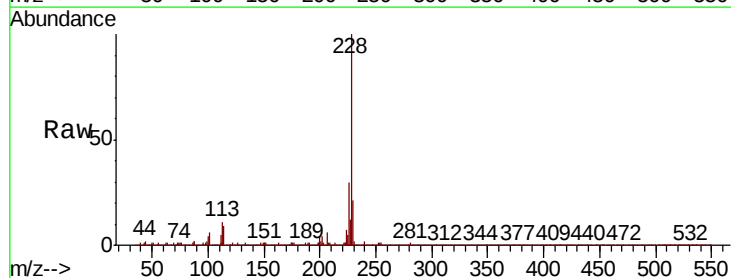
Instrument :
BNA_P
ClientSampleId :
A54A7

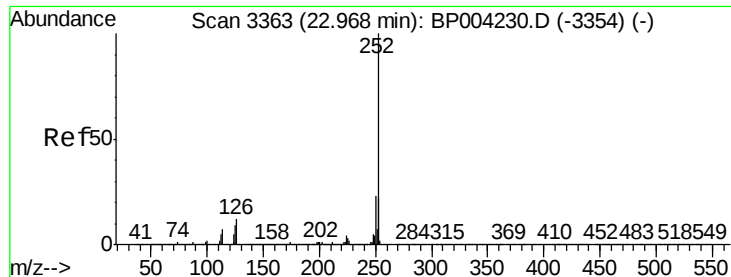
Tot Ion:228 Resp: 785421
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 31.9 21.7 32.5



#85
Chrysene
Concen: 5.636 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Tgt Ion:228 Resp: 872124
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 21.2 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 7.401 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BP004236.D

Acq: 11 Dec 2020 19:45

Instrument :

BNA_P

ClientSampleId :

A54A7

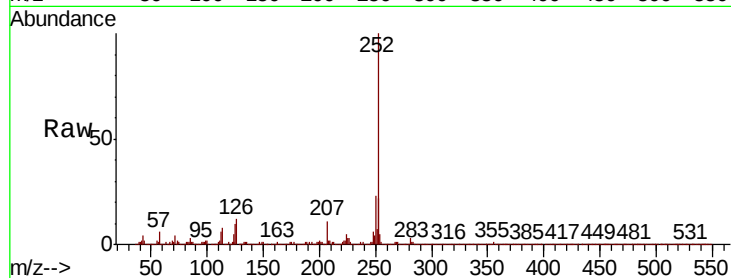
Tot Ion:252 Resp: 1186949

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.7 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

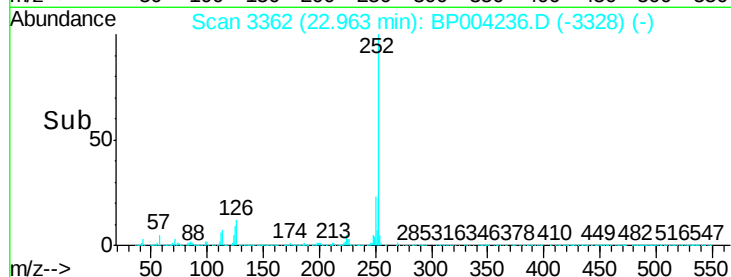
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

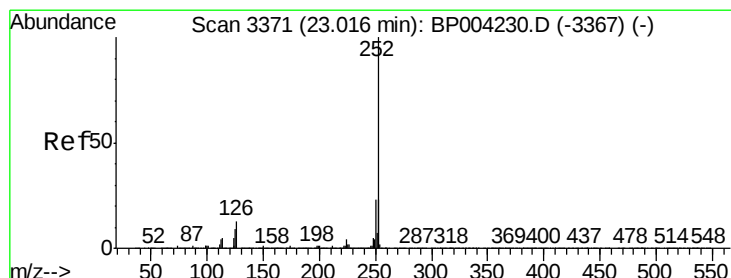
22.96

22.95

23.00



Time-->



#89

Benzo(k)fluoranthene

Concen: 7.206 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BP004236.D

Acq: 11 Dec 2020 19:45

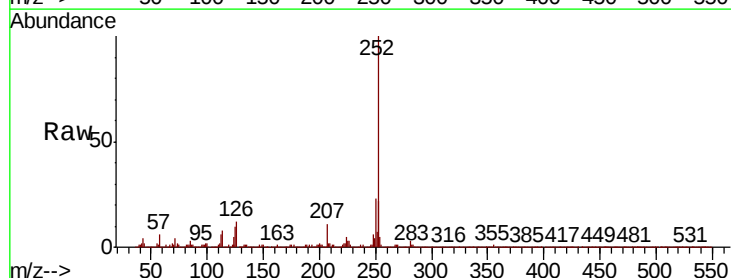
Tgt Ion:252 Resp: 1186949

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 9.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

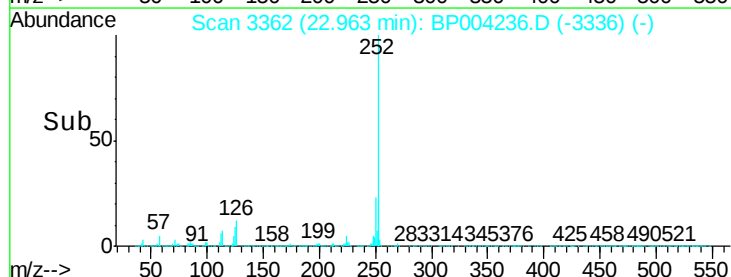
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

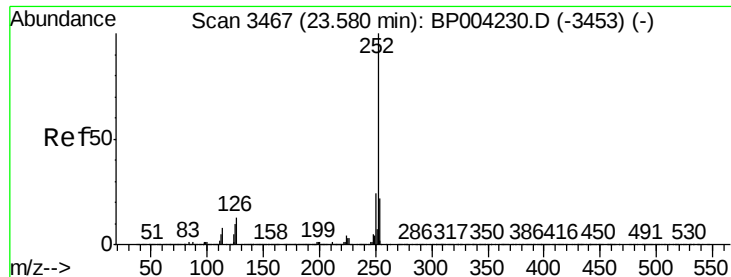
22.96

22.95

23.00



Time-->



#91

Benzo(a)pyrene

Concen: 5.338 ng/ul

RT: 23.57 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BP004236.D

Acq: 11 Dec 2020 19:45

Instrument :

BNA_P

ClientSampled :

A54A7

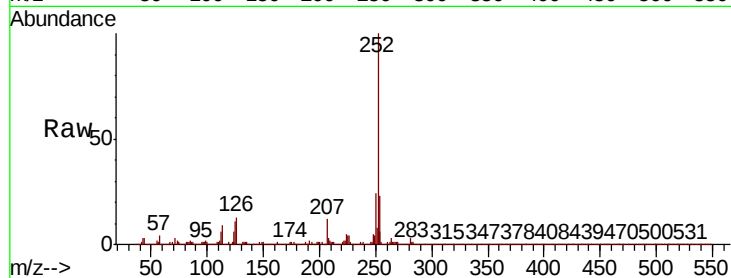
Tot Ion:252 Resp: 798866

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

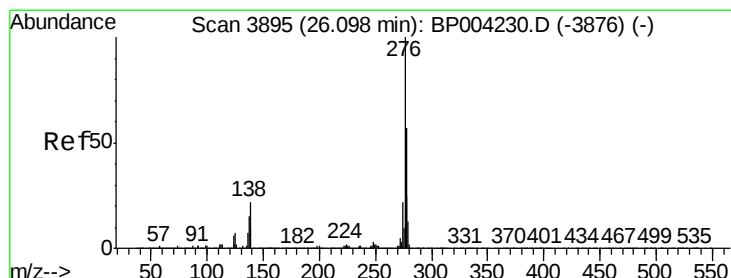
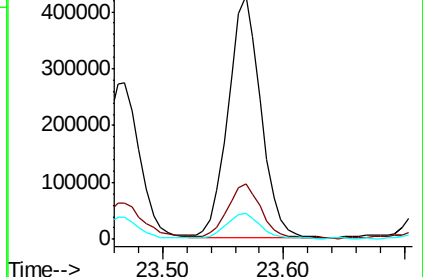
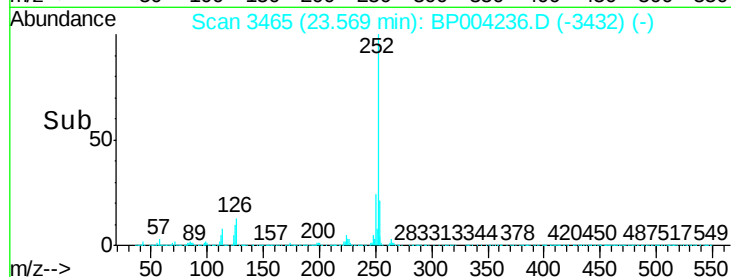
125 10.6 7.8 11.6



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: 3.004 ng/ul

RT: 26.08 min Scan# 3892

Delta R.T. -0.01 min

Lab File: BP004236.D

Acq: 11 Dec 2020 19:45

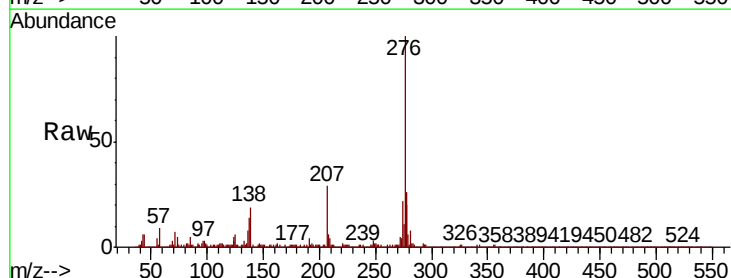
Tgt Ion:276 Resp: 563786

Ion Ratio Lower Upper

276 100

138 19.4 17.8 26.6

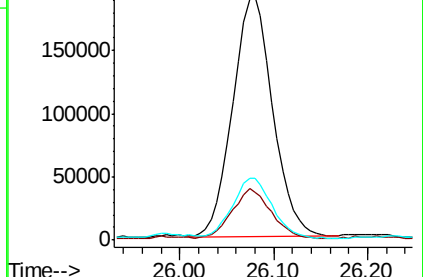
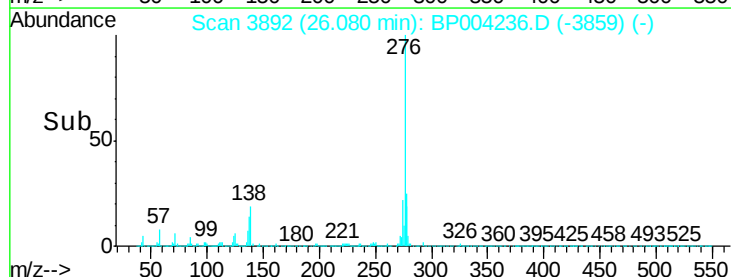
277 25.6 19.8 29.6

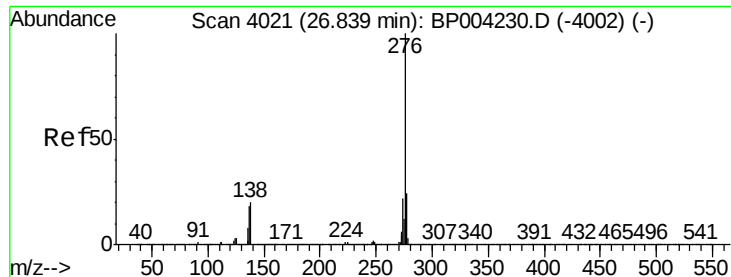


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.851 ng/ul

RT: 26.82 min Scan# 4017

Delta R.T. -0.01 min

Lab File: BP004236.D

Acq: 11 Dec 2020 19:45

Instrument :

BNA_P

ClientSampleId :

A54A7

Tot Ion:276 Resp: 449002

Ion Ratio Lower Upper

276 100

138 19.6 16.6 25.0

277 25.2 18.5 27.7

