

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
 Data File : BP004395.D
 Acq On : 19 Dec 2020 15:38
 Operator : CG/JU
 Sample : L5151-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AE5

Quant Time: Dec 21 02:57:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:36:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	251201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1042277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	645075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1396826	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1381839	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1487599	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	20293	3.36	ng/uL	0.00
5) Phenol-d5	6.99	99	406732	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	231395	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	333802	18.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	312234	17.98	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	166272	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	184708	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	340169	18.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	398841	19.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	1019048	19.74	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1319040	20.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	134626	14.43	ng/ul	0.00
58) Fluorene-d10	15.47	176	896985	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	88966	9.87	ng/ul	0.00
71) Anthracene-d10	17.33	188	1446778	20.97	ng/ul	0.00
79) Pyrene-d10	19.57	212	1654721	22.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1773865	21.65	ng/ul	0.00

Target Compounds

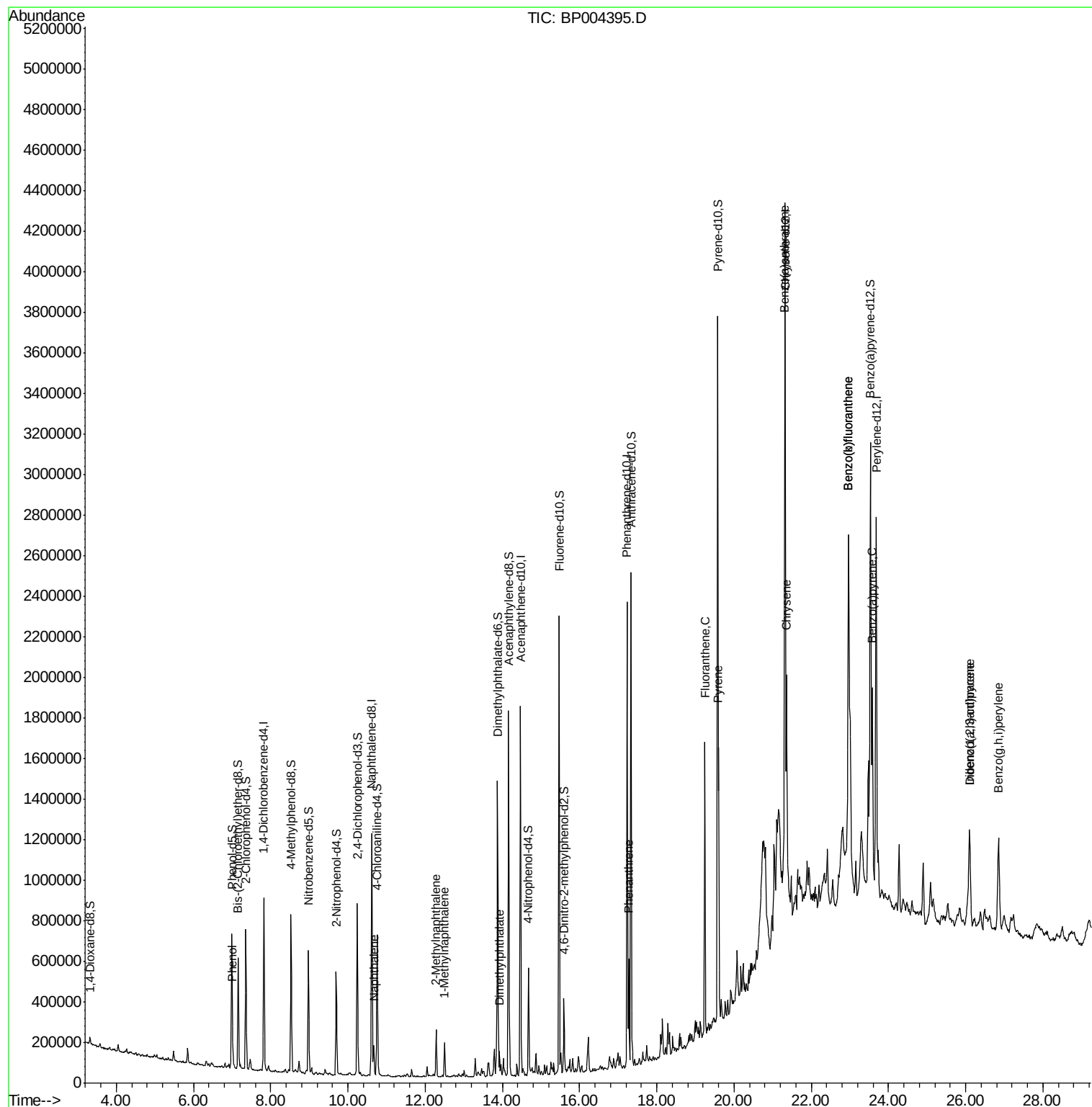
					Ovalue
6) Phenol	7.02	94	39025	1.779 ng/ul#	90
28) Naphthalene	10.67	128	118378	2.022 ng/ul	99
34) 2-Methylnaphthalene	12.29	142	115345	2.856 ng/ul	99
35) 1-Methylnaphthalene	12.50	142	81263	1.728 ng/ul	98
45) Dimethylphthalate	13.92	163	75324	1.456 ng/ul	99
70) Phenanthrene	17.27	178	331379	4.085 ng/ul	99
77) Fluoranthene	19.25	202	857471	9.319 ng/ul	99
80) Pyrene	19.60	202	767033	8.151 ng/ul	100
83) Benzo(a)anthracene	21.31	228	537675	5.773 ng/ul	97
85) Chrysene	21.36	228	594973	6.617 ng/ul	97
88) Benzo(b)fluoranthene	22.97	252	949659	9.787 ng/ul	98
89) Benzo(k)fluoranthene	22.97	252	949659	10.088 ng/ul	97
91) Benzo(a)pyrene	23.58	252	647132	7.231 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.10	276	515427	4.558 ng/ul	96
93) Dibenzo(a,h)anthracene	26.10	278	131756	1.399 ng/ul#	78
94) Benzo(g,h,i)perylene	26.84	276	432815	4.562 ng/ul	99

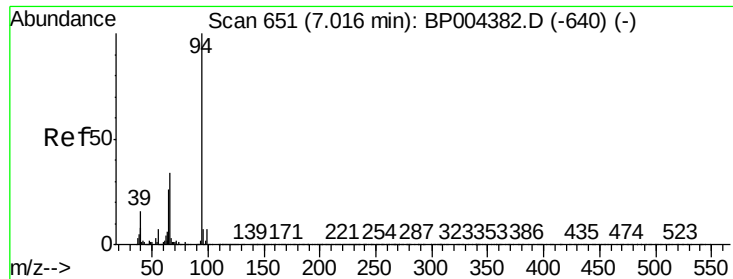
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.779 ng/ul

RT: 7.02 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Instrument :

BNA_P

ClientSampleId :

C0AE5

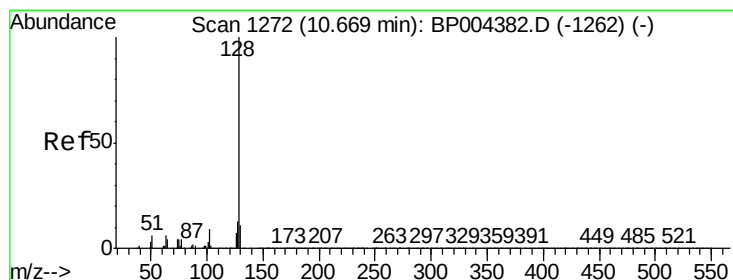
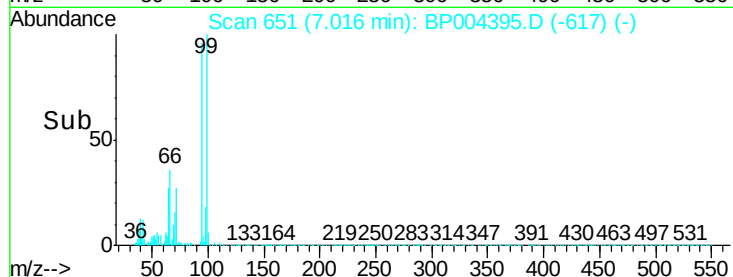
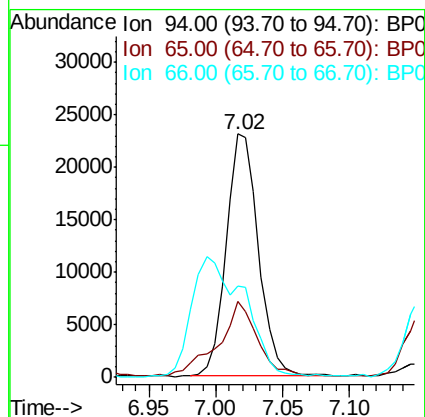
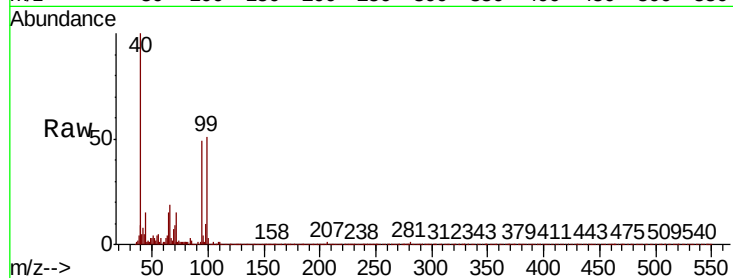
Tot Ion: 94 Resp: 39025

Ion Ratio Lower Upper

94 100

65 31.0 20.3 30.5#

66 37.7 26.2 39.2



#28

Naphthalene

Concen: 2.022 ng/ul

RT: 10.67 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

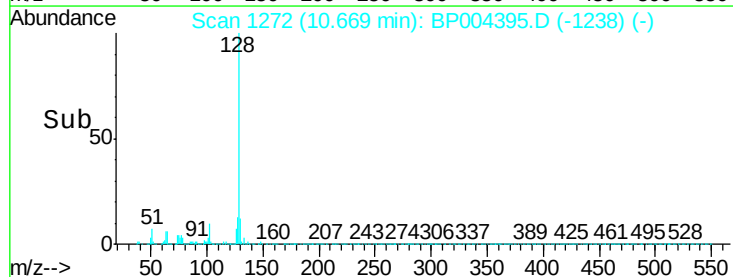
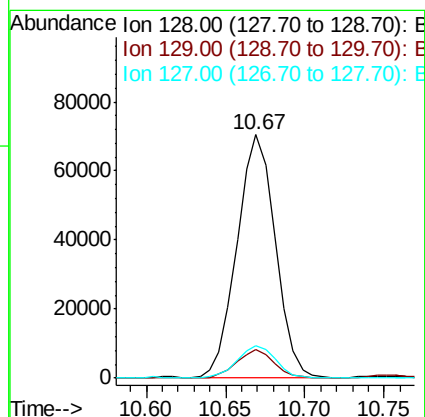
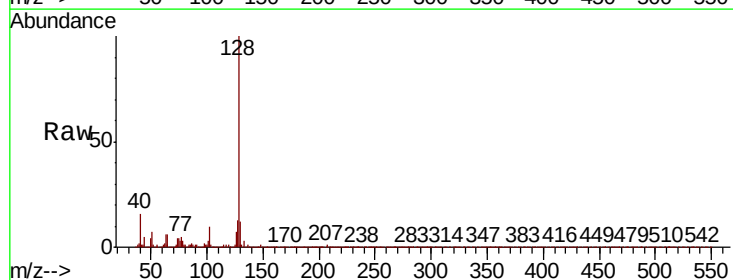
Tgt Ion: 128 Resp: 118378

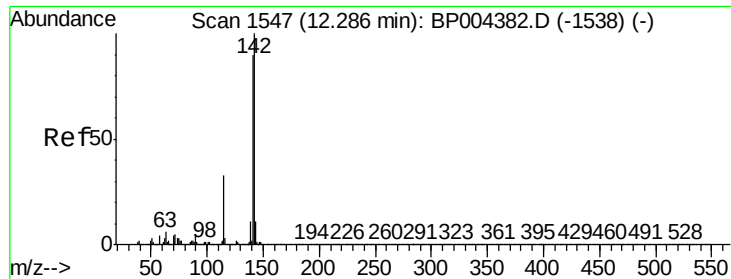
Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.1 10.4 15.6

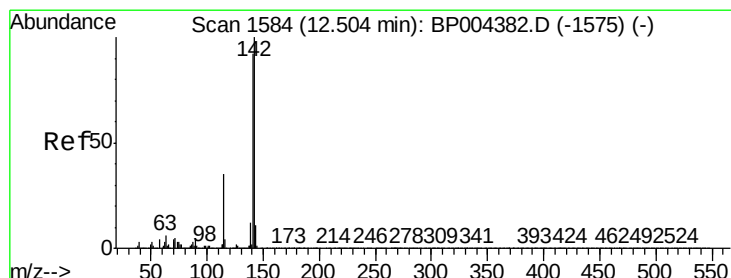
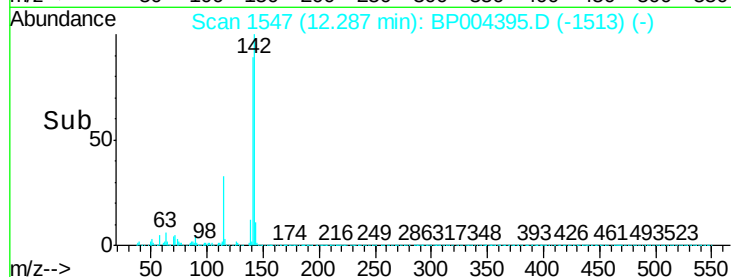
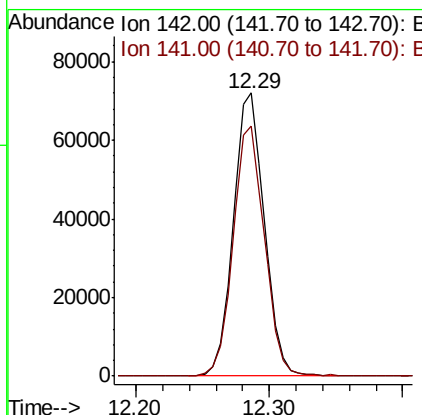
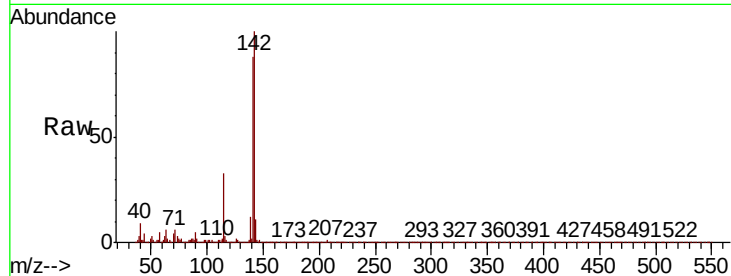




#34
2-Methylnaphthalene
Concen: 2.856 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BP004395.D
Acq: 19 Dec 2020 15:38

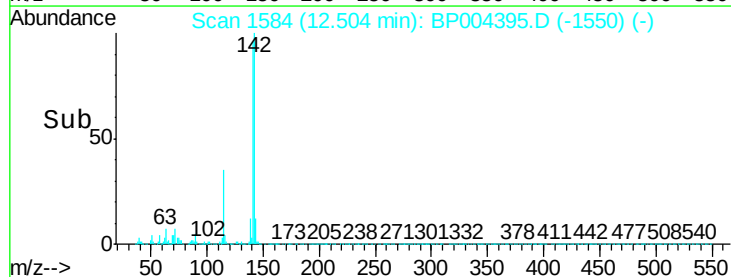
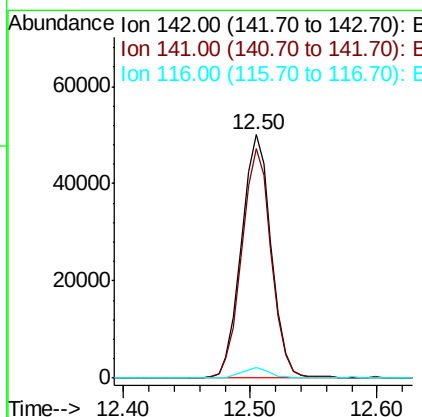
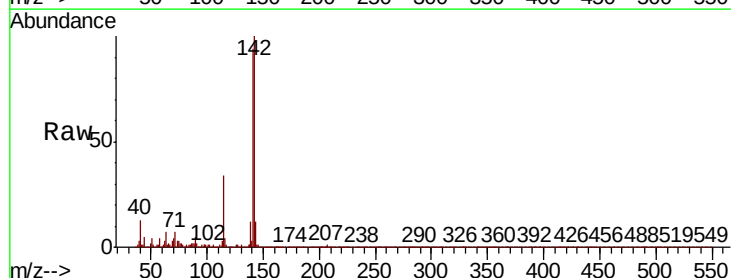
Instrument :
BNA_P
ClientSampleId :
C0AE5

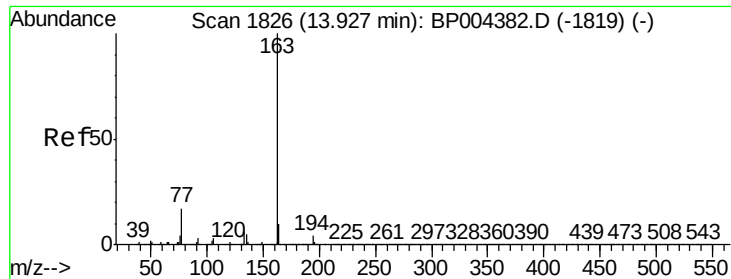
Tot Ion:142 Resp: 115345
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8



#35
1-Methylnaphthalene
Concen: 1.728 ng/ul
RT: 12.50 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BP004395.D
Acq: 19 Dec 2020 15:38

Tgt Ion:142 Resp: 81263
Ion Ratio Lower Upper
142 100
141 94.3 73.5 110.3
116 4.2 2.9 4.3

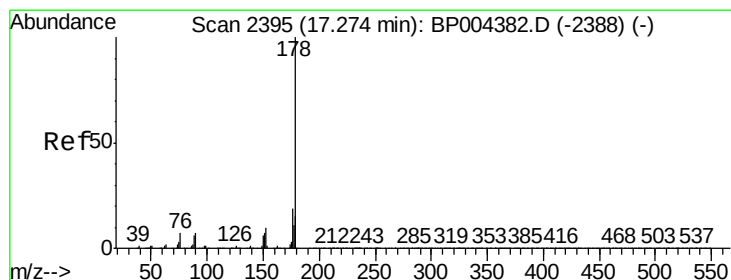
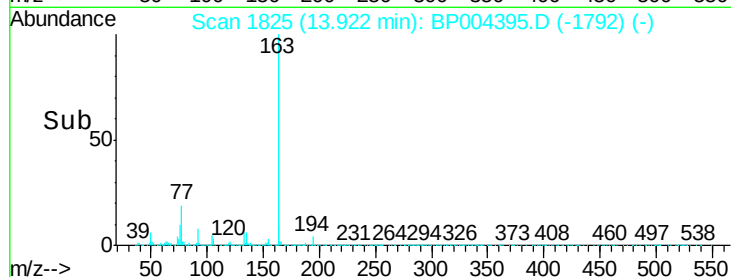
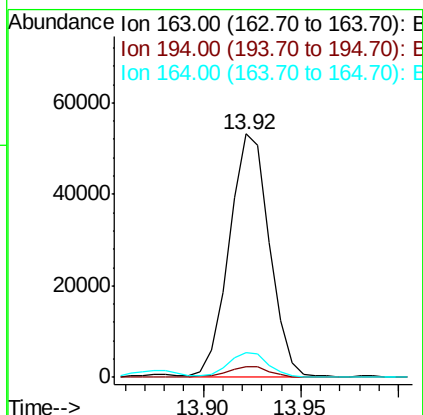
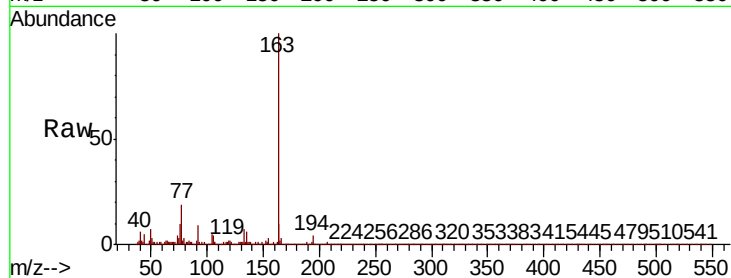




#45
Dimethylphthalate
Concen: 1.456 ng/ul
RT: 13.92 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BP004395.D
Acq: 19 Dec 2020 15:38

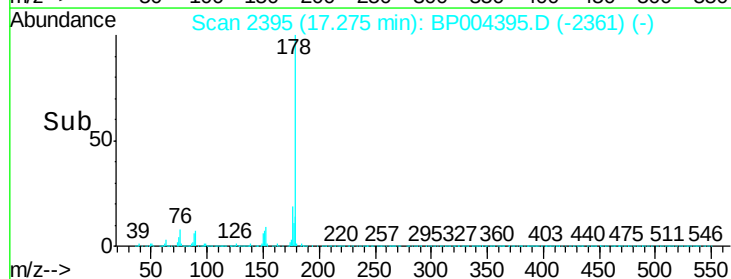
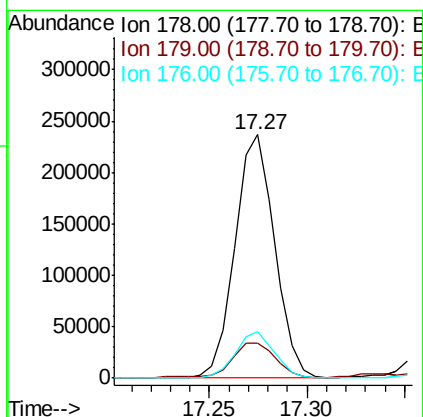
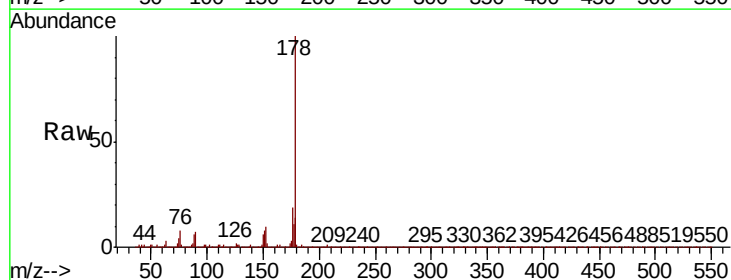
Instrument :
BNA_P
ClientSampleId :
C0AE5

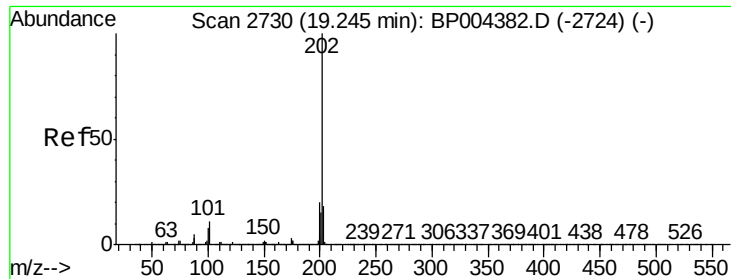
Tot Ion:163 Resp: 75324
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 7.8 11.8



#70
Phenanthrene
Concen: 4.085 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BP004395.D
Acq: 19 Dec 2020 15:38

Tgt Ion:178 Resp: 331379
Ion Ratio Lower Upper
178 100
179 14.5 12.4 18.6
176 19.3 15.3 22.9

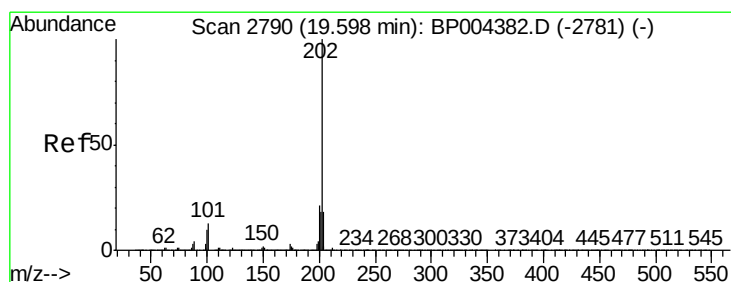
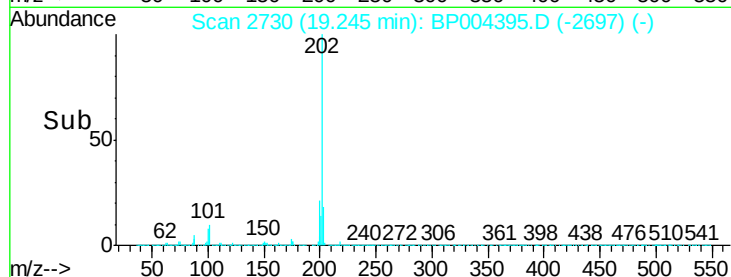
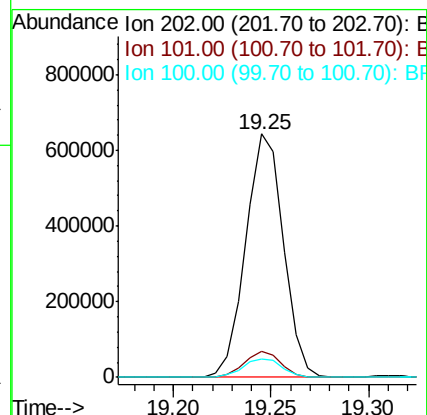
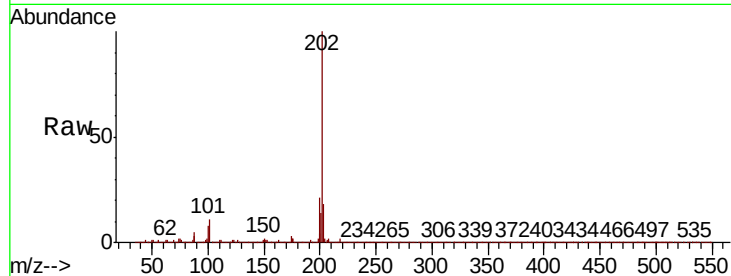




#77
Fluoranthene
Concen: 9.319 ng/ul
RT: 19.25 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BP004395.D
Acq: 19 Dec 2020 15:38

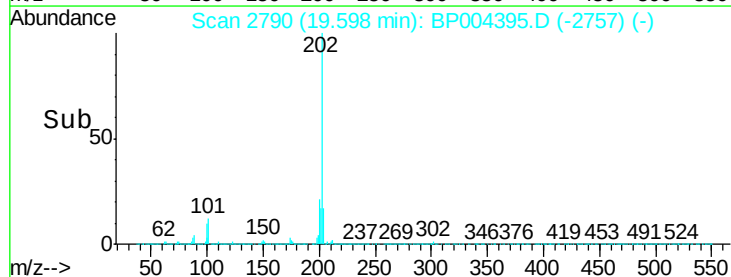
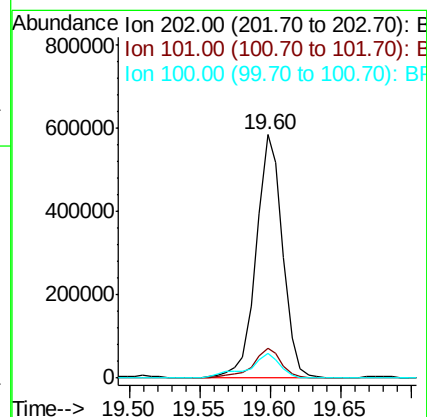
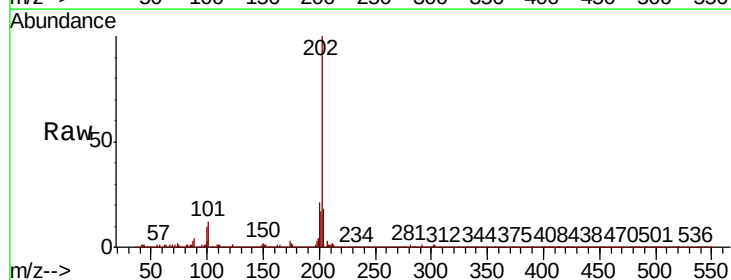
Instrument :
BNA_P
ClientSampleId :
C0AE5

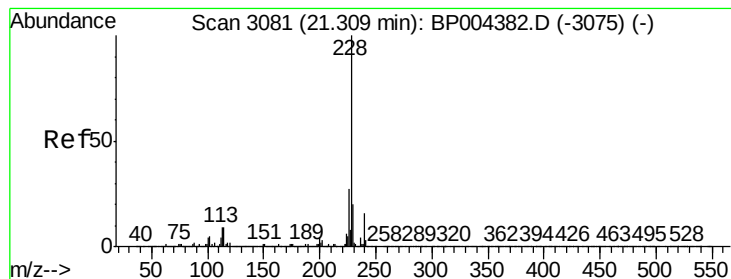
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.0	12.0
100	7.7	6.2	9.4



#80
Pyrene
Concen: 8.151 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BP004395.D
Acq: 19 Dec 2020 15:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.2	8.0	12.0





#83

Benzo(a)anthracene

Concen: 5.773 ng/ul

RT: 21.31 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Instrument :

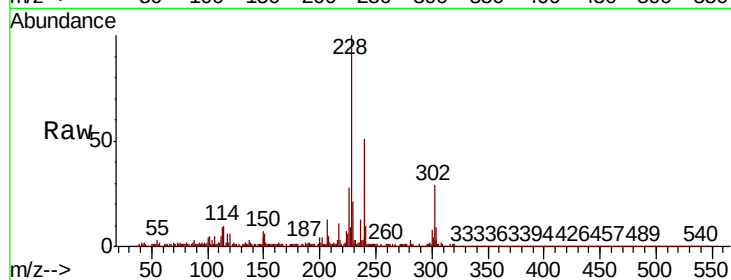
BNA_P

ClientSampleId :

C0AE5

Tot Ion:228 Resp: 537675

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.2
226	27.9	21.6	32.4

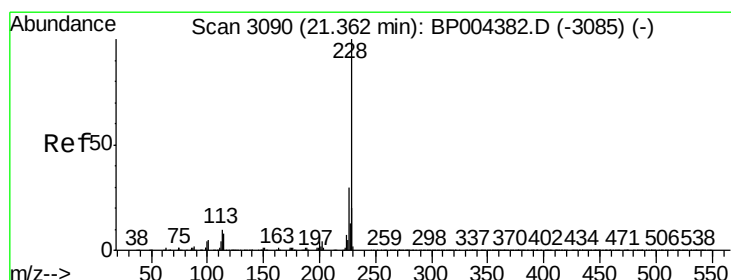
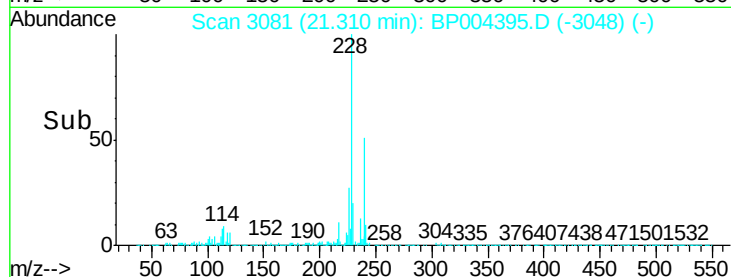
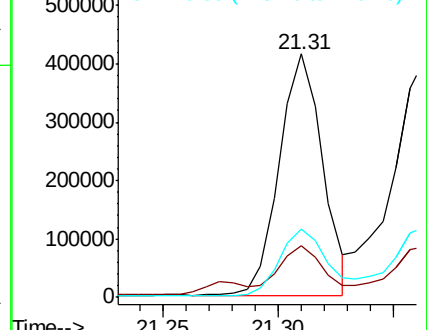


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 6.617 ng/ul

RT: 21.36 min Scan# 3090

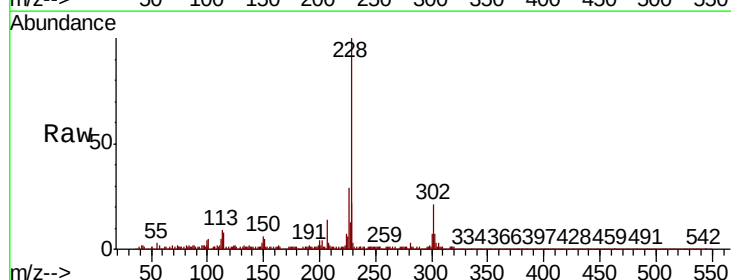
Delta R.T. 0.00 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Tgt Ion:228 Resp: 594973

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.6	15.8	23.6

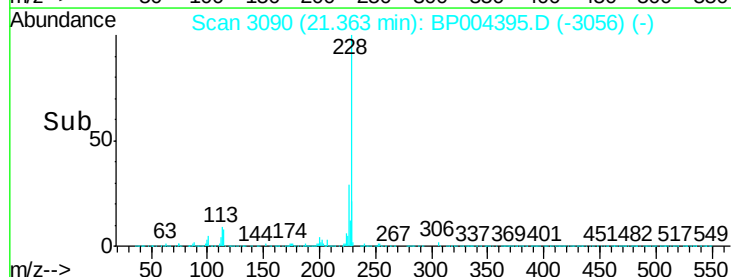
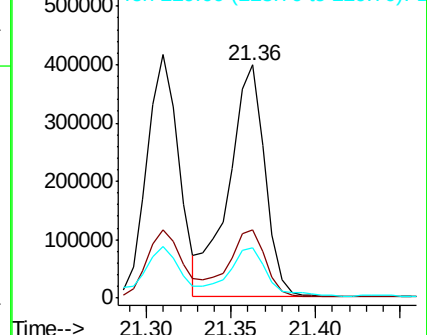


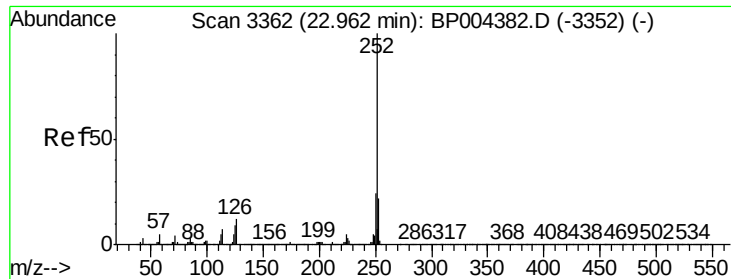
Abundance

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: 9.787 ng/ul

RT: 22.97 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Instrument :

BNA_P

ClientSampleId :

C0AE5

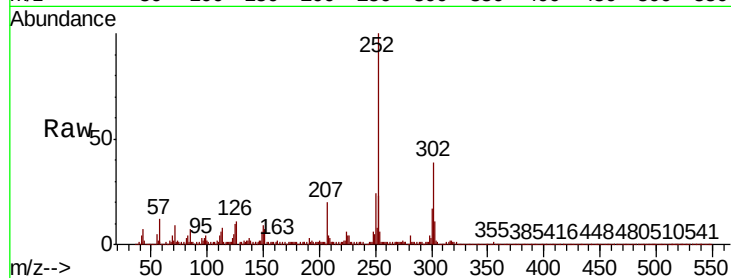
Tot Ion:252 Resp: 949659

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

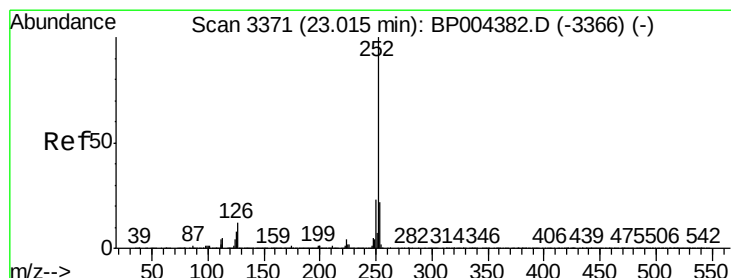
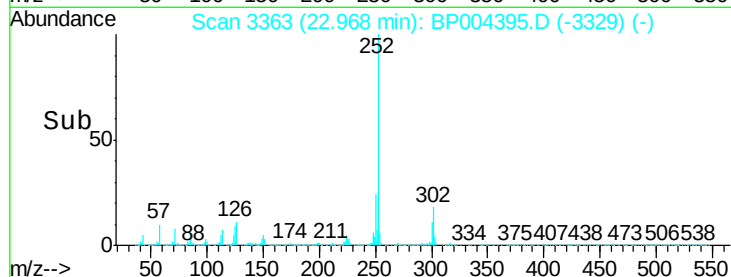
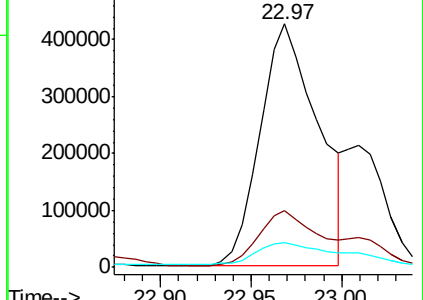
125 10.3 7.2 10.8



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: 10.088 ng/ul

RT: 22.97 min Scan# 3363

Delta R.T. -0.05 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

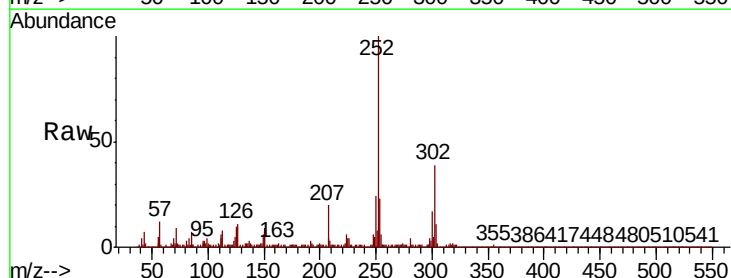
Tgt Ion:252 Resp: 949659

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

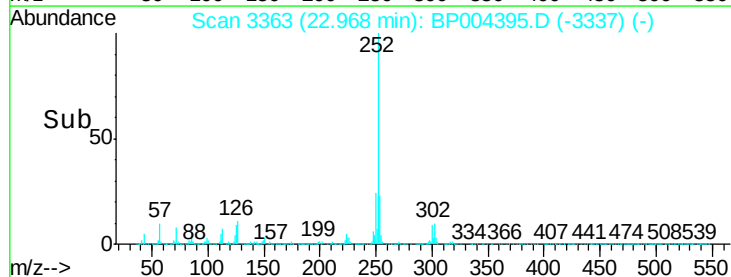
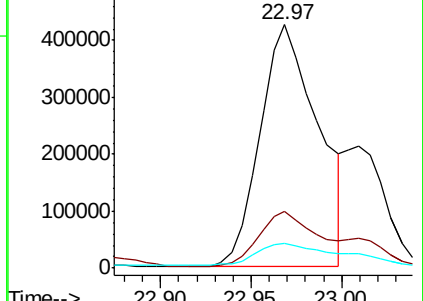
125 10.3 7.2 10.8

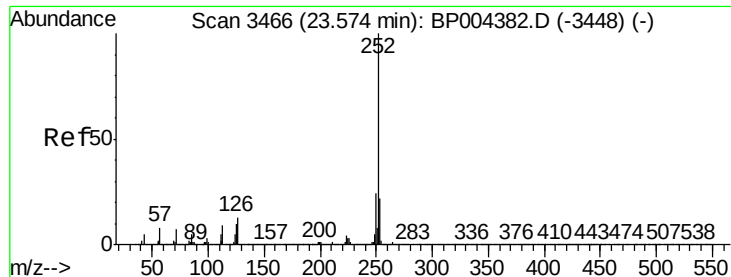


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 7.231 ng/ul

RT: 23.58 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Instrument :

BNA_P

ClientSampleId :

C0AE5

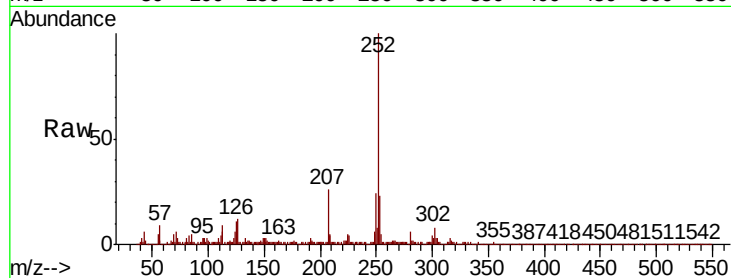
Tot Ion:252 Resp: 647132

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

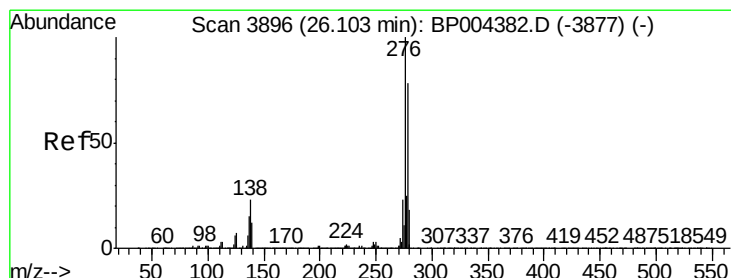
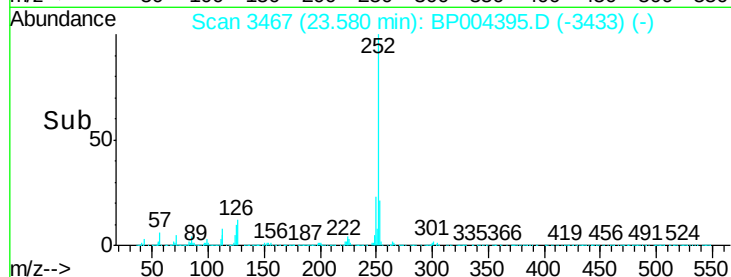
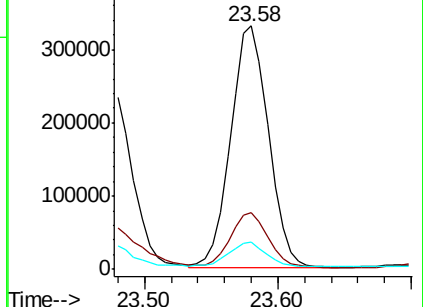
125 11.0 8.1 12.1



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: 4.558 ng/ul

RT: 26.10 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

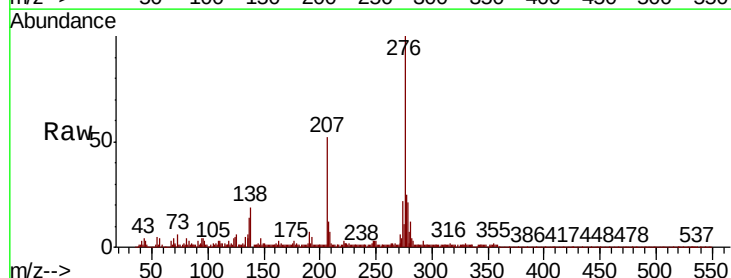
Tgt Ion:276 Resp: 515427

Ion Ratio Lower Upper

276 100

138 19.5 17.9 26.9

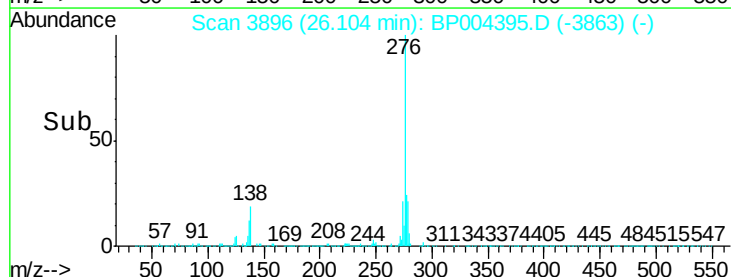
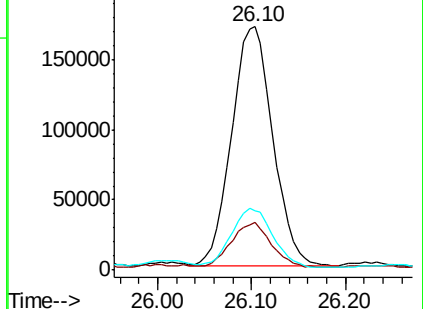
277 24.6 20.3 30.5

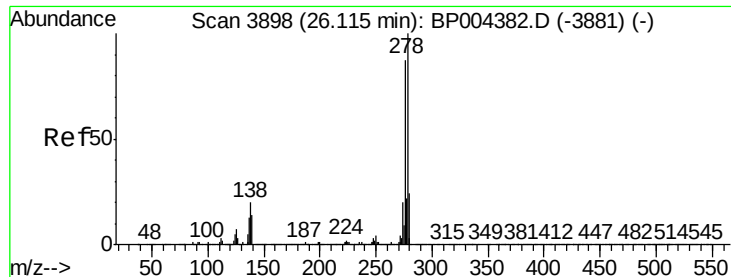


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.399 ng/ul

RT: 26.10 min Scan# 3896

Delta R.T. -0.02 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Instrument :

BNA_P

ClientSampleId :

C0AE5

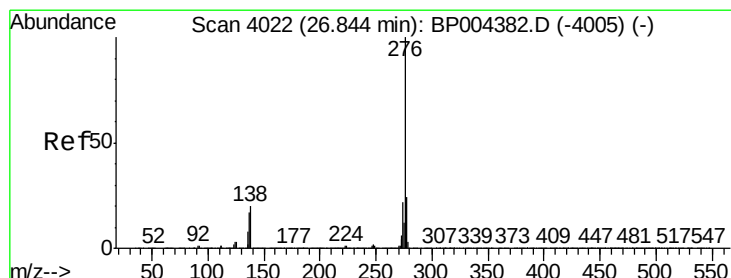
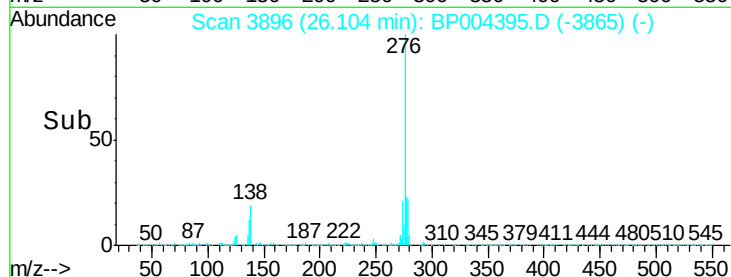
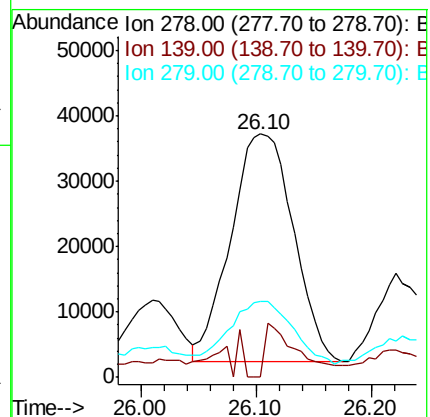
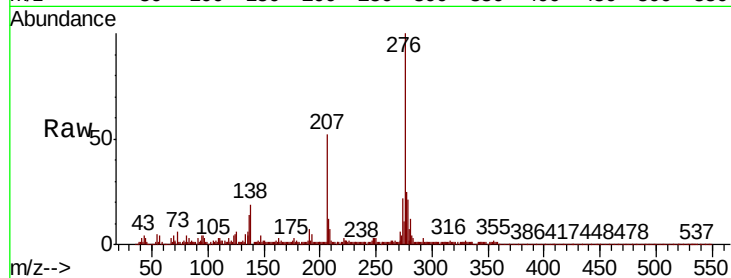
Tot Ion:278 Resp: 131756

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.2#

279 31.0 19.1 28.7#



#94

Benzo(g,h,i)perylene

Concen: 4.562 ng/ul

RT: 26.84 min Scan# 4022

Delta R.T. -0.01 min

Lab File: BP004395.D

Acq: 19 Dec 2020 15:38

Tgt Ion:276 Resp: 432815

Ion Ratio Lower Upper

276 100

138 20.0 15.8 23.6

277 24.0 18.7 28.1

