

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004277.D
 Acq On : 14 Dec 2020 16:53
 Operator : CG/JU
 Sample : L5000-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54B9

Quant Time: Dec 15 00:00:43 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	7.84	152	291049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1229884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	786989	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1684750	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	1616920	20.00	ng/ul	0.02
86) Perylene-d12	23.72	264	1812353	20.00	ng/ul	0.04

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	16102	1.94	ng/uL	0.00
5) Phenol-d5	7.00	99	437408	18.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	225618	15.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	353938	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	333700	18.34	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	179585	17.83	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	201552	24.26	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	395923	21.67	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	335206	14.80	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1185507	19.71	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1544743	20.12	ng/ul	0.02
52) 4-Nitrophenol-d4	14.69	143	160743	15.82	ng/ul	0.03
58) Fluorene-d10	15.49	176	1083894	19.90	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.61	200	39438	4.88	ng/ul	0.03
71) Anthracene-d10	17.35	188	1695912	20.65	ng/ul	0.01
79) Pyrene-d10	19.59	212	1827172	21.69	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2039456	21.36	ng/ul	0.04

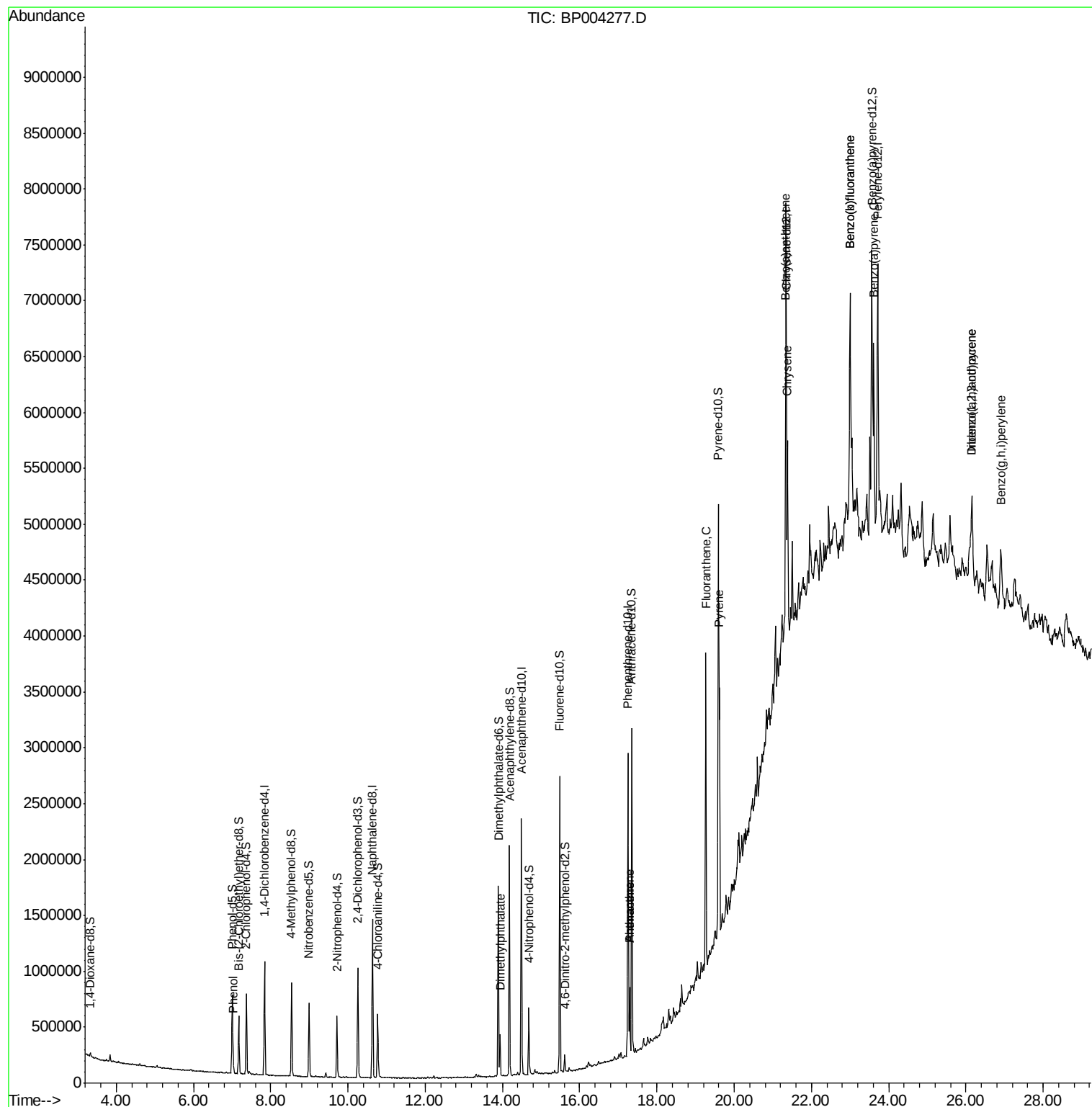
Target Compounds				Ovalue		
6) Phenol	7.03	94	59801	2.379	ng/ul	99
45) Dimethylphthalate	13.94	163	241741	3.946	ng/ul	99
70) Phenanthrene	17.29	178	381811	3.841	ng/ul	99
72) Anthracene	17.29	178	381439	3.879	ng/ul	99
77) Fluoranthene	19.26	202	1713994	16.150	ng/ul	96
80) Pyrene	19.62	202	1446174	13.259	ng/ul	96
83) Benzo(a)anthracene	21.33	228	716623	6.724	ng/ul	96
85) Chrysene	21.38	228	982126	9.393	ng/ul	96
88) Benzo(b)fluoranthene	23.00	252	1491473	12.977	ng/ul#	92
89) Benzo(k)fluoranthene	23.00	252	1491473	12.636	ng/ul#	92
91) Benzo(a)pyrene	23.62	252	870987	8.121	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.16	276	825521	6.138	ng/ul#	92
93) Dibenzo(a,h)anthracene	26.16	278	192600	1.709	ng/ul#	58
94) Benzo(g,h,i)perylene	26.91	276	697772	6.184	ng/ul#	91

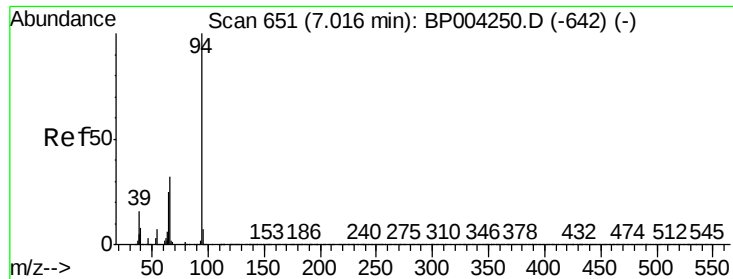
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.379 ng/ul

RT: 7.03 min Scan# 654

Delta R.T. 0.02 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

Instrument :

BNA_P

ClientSampleId :

A54B9

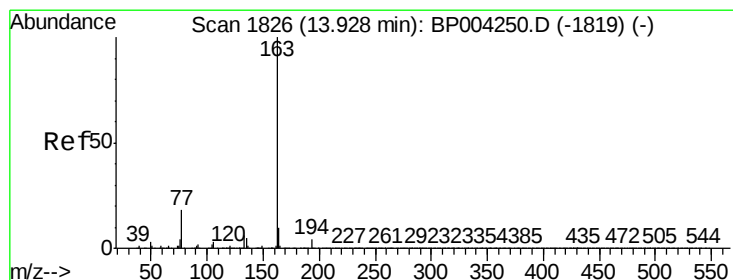
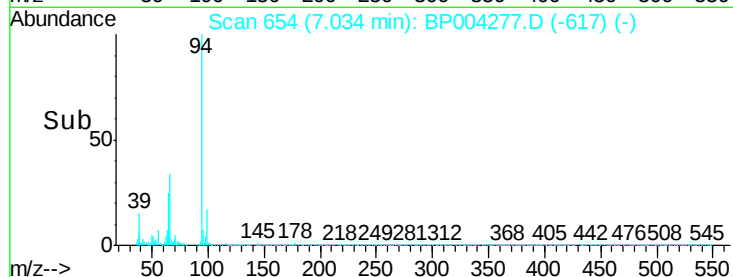
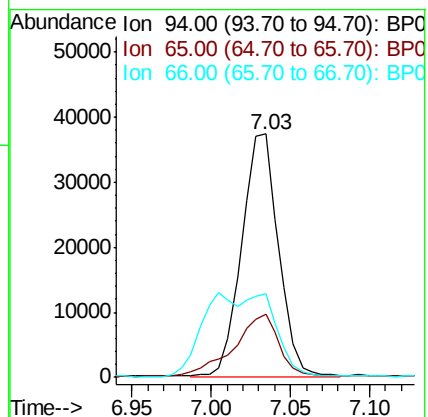
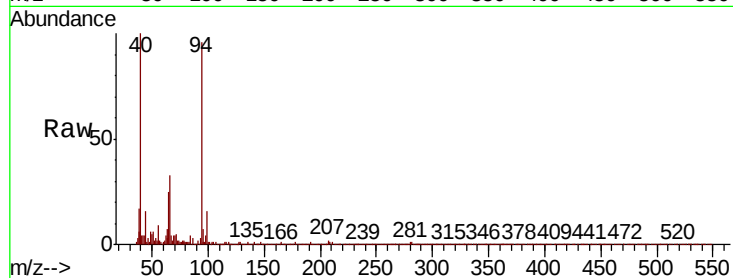
Tot Ion: 94 Resp: 59801

Ion Ratio Lower Upper

94 100

65 25.9 20.8 31.2

66 34.4 26.5 39.7



#45

Dimethylphthalate

Concen: 3.946 ng/ul

RT: 13.94 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

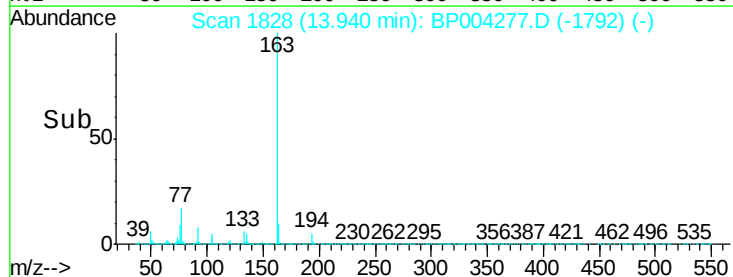
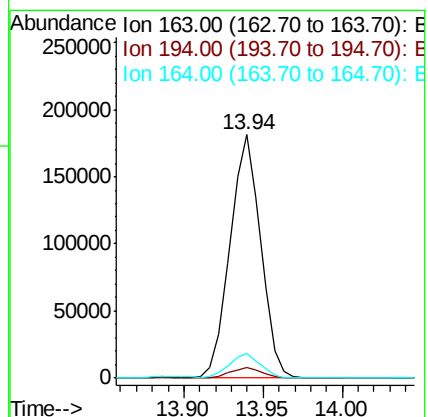
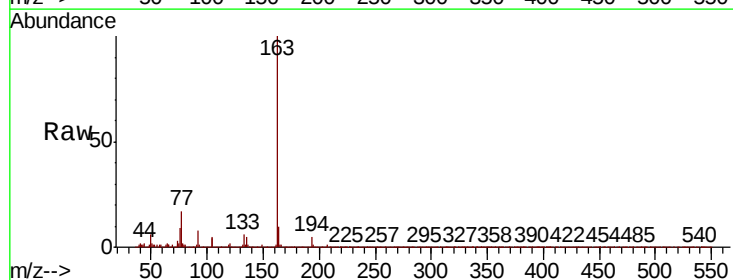
Tgt Ion: 163 Resp: 241741

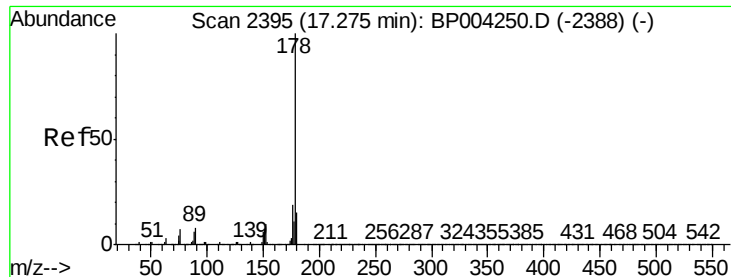
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 10.3 8.4 12.6





#70

Phenanthrene

Concen: 3.841 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. 0.02 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

Instrument :

BNA_P

ClientSampleId :

A54B9

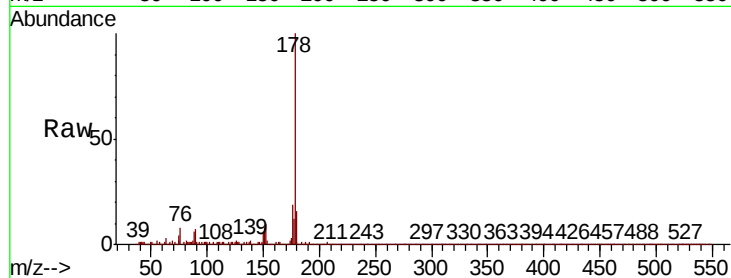
Tot Ion:178 Resp: 381811

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

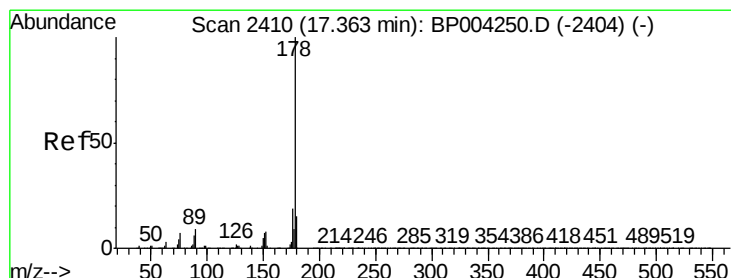
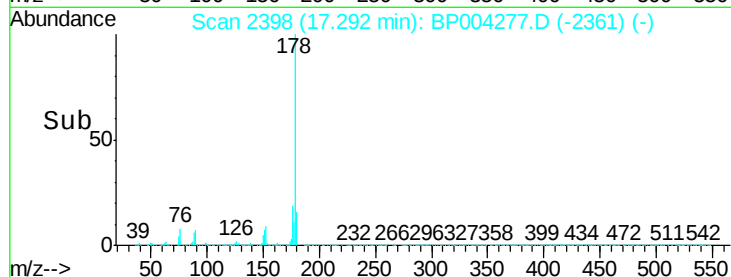
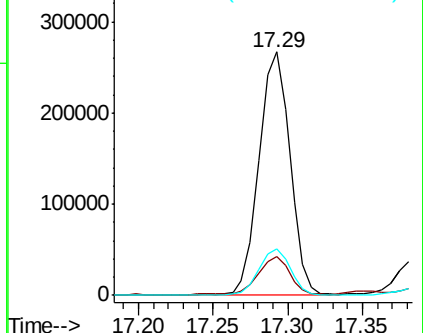
176 19.0 15.4 23.0



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



#72

Anthracene

Concen: 3.879 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.08 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

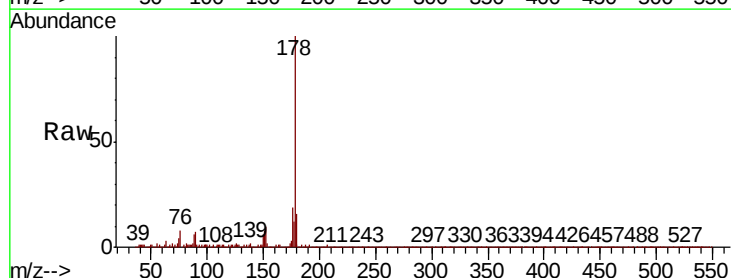
Tgt Ion:178 Resp: 381439

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

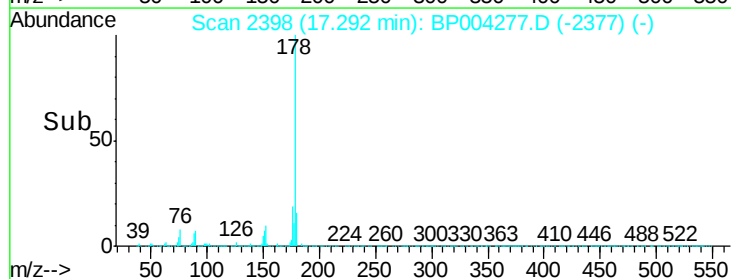
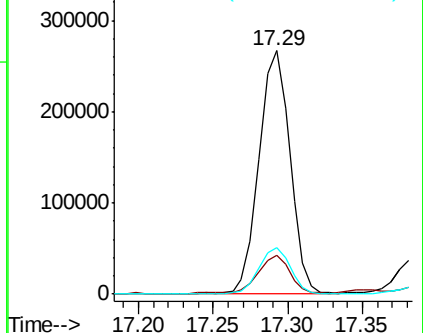
176 19.0 14.9 22.3

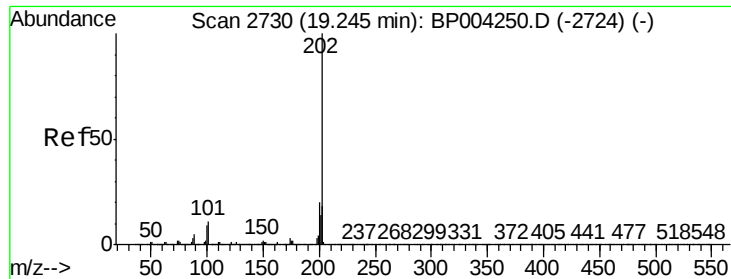


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

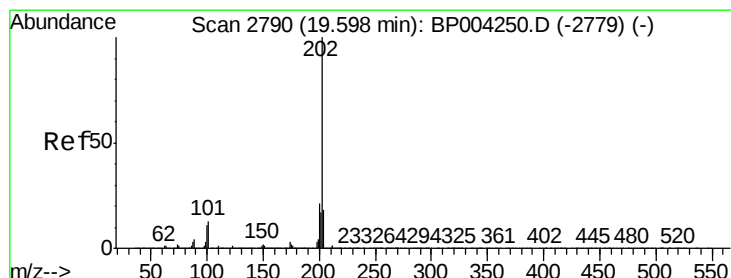
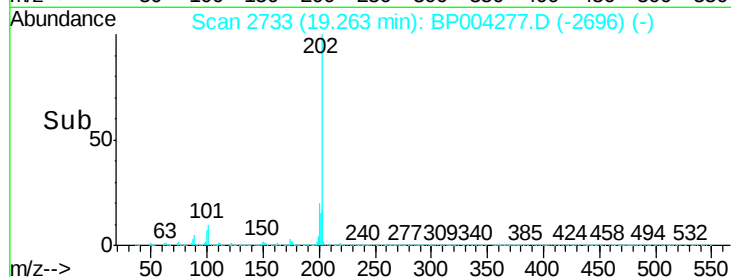
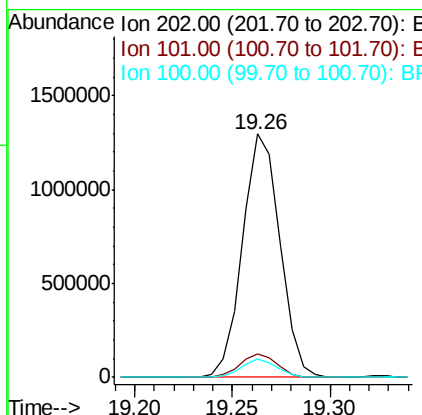
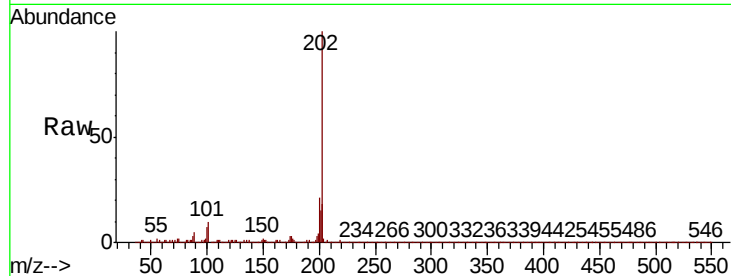




#77
 Fluoranthene
 Concen: 16.150 ng/ul
 RT: 19.26 min Scan# 2733
 Delta R.T. 0.02 min
 Lab File: BP004277.D
 Acq: 14 Dec 2020 16:53

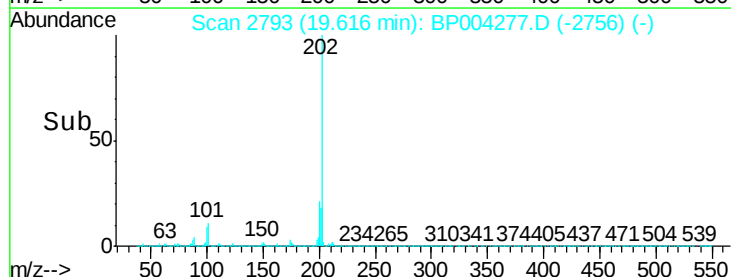
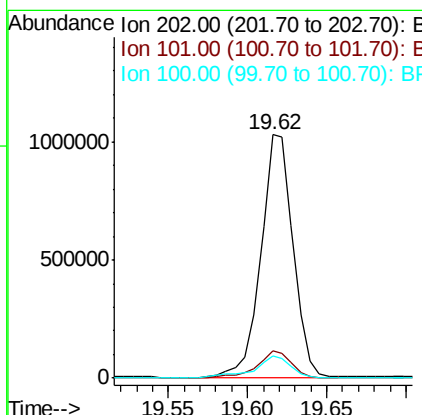
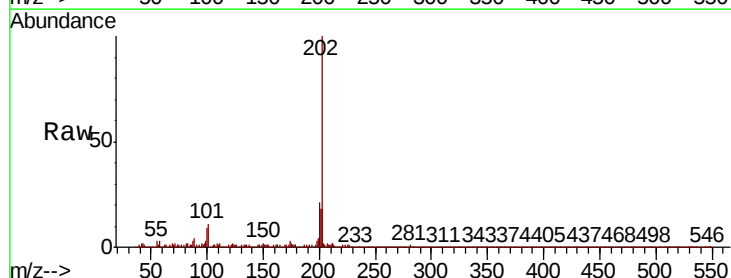
Instrument :
 BNA_P
 ClientSampleId :
 A54B9

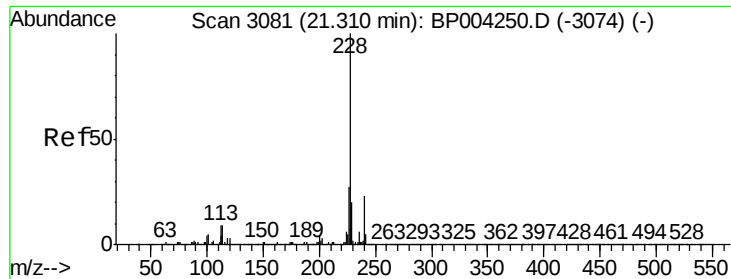
Tot Ion:202 Resp: 1713994
 Ion Ratio Lower Upper
 202 100
 101 9.8 9.1 13.7
 100 7.3 7.1 10.7



#80
 Pyrene
 Concen: 13.259 ng/ul
 RT: 19.62 min Scan# 2793
 Delta R.T. 0.02 min
 Lab File: BP004277.D
 Acq: 14 Dec 2020 16:53

Tgt Ion:202 Resp: 1446174
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.6 15.8
 100 9.3 8.6 12.8





#83

Benzo(a)anthracene

Concen: 6.724 ng/ul

RT: 21.33 min Scan# 3084

Delta R.T. 0.02 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

Instrument :

BNA_P

ClientSampleId :

A54B9

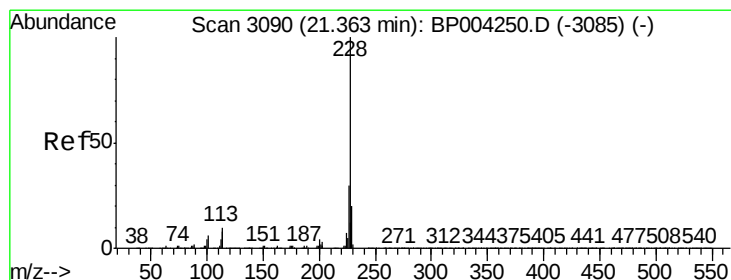
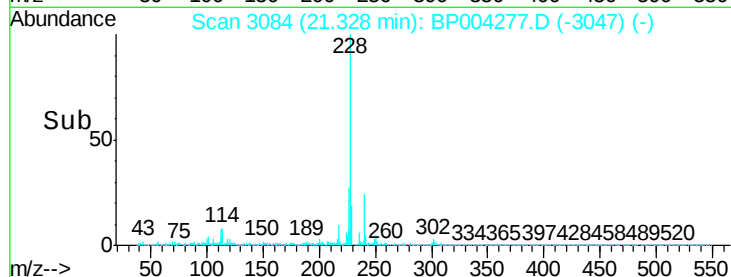
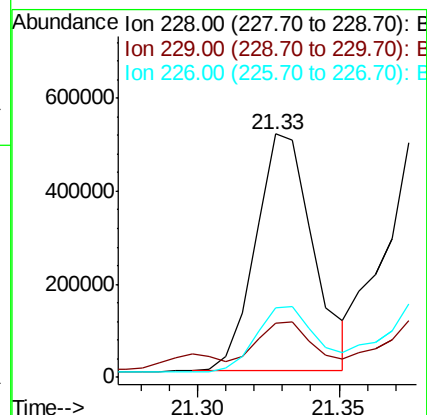
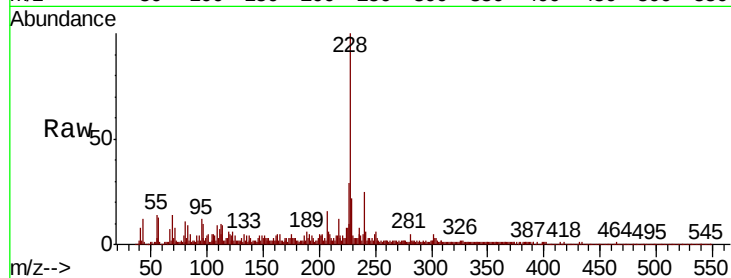
Tot Ion:228 Resp: 716623

Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.8

226 28.7 21.7 32.5



#85

Chrysene

Concen: 9.393 ng/ul

RT: 21.38 min Scan# 3093

Delta R.T. 0.02 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

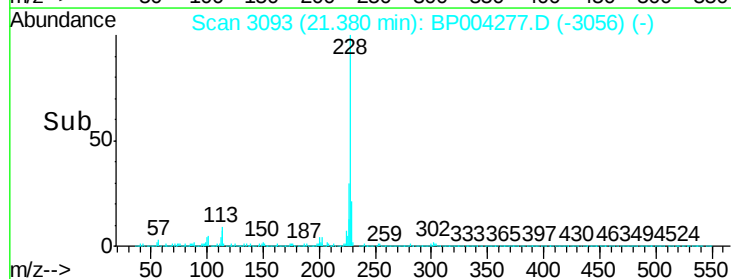
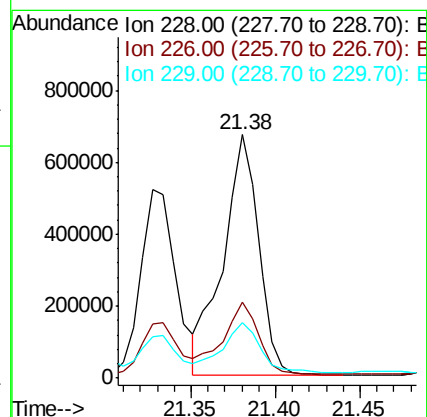
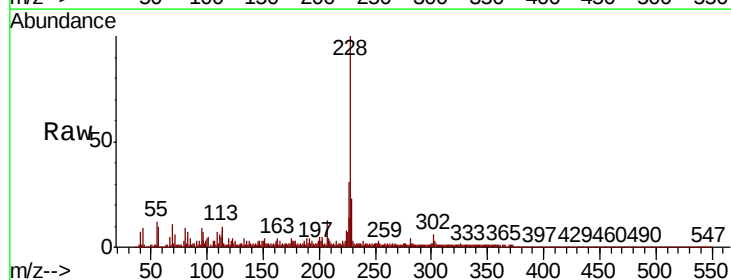
Tgt Ion:228 Resp: 982126

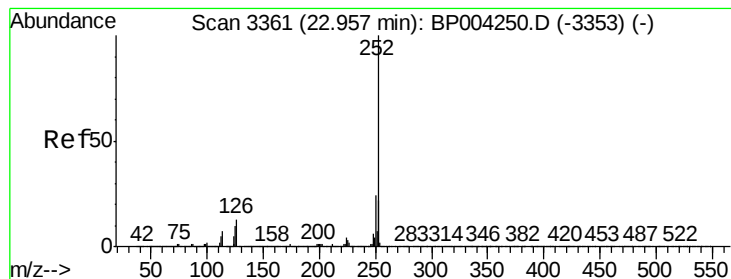
Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

229 23.0 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 12.977 ng/uI

RT: 23.00 min Scan# 3368

Delta R.T. 0.04 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

Instrument :

BNA_P

ClientSampleId :

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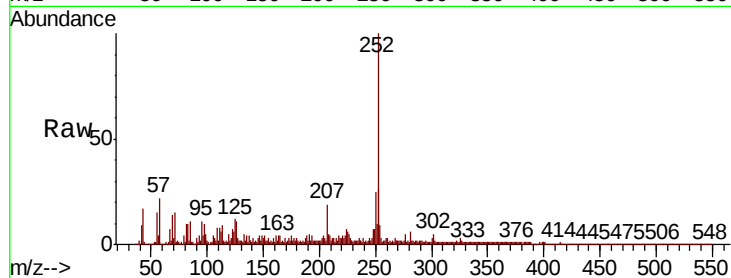
Tot Ion:252 Resp: 1491473

Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

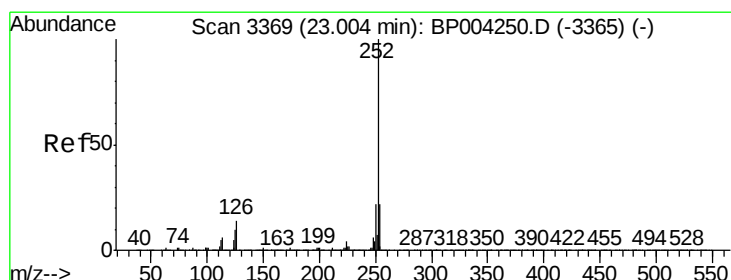
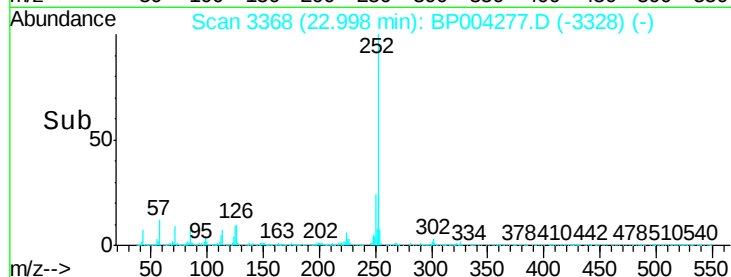
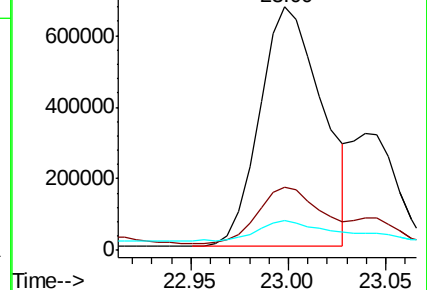
125 12.1 7.7 11.5#



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: 12.636 ng/uI

RT: 23.00 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

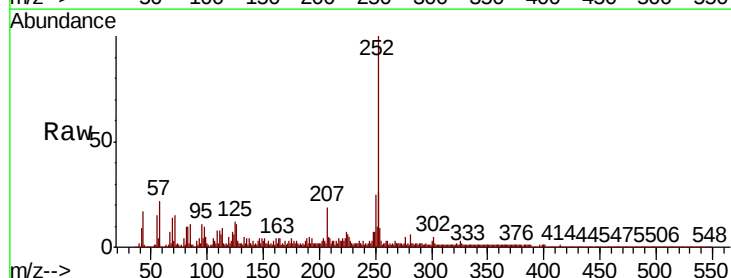
Tgt Ion:252 Resp: 1491473

Ion Ratio Lower Upper

252 100

253 25.8 17.4 26.2

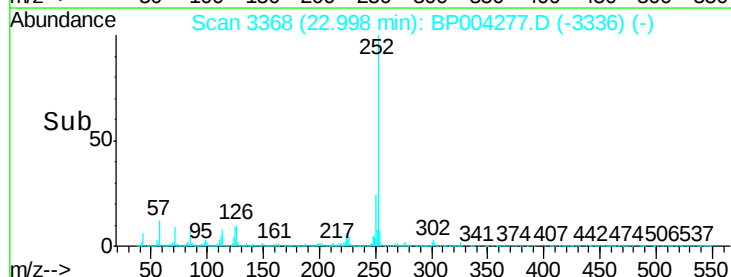
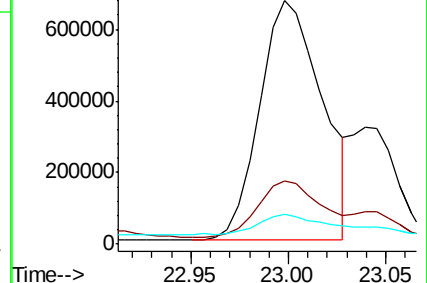
125 12.1 7.3 10.9#

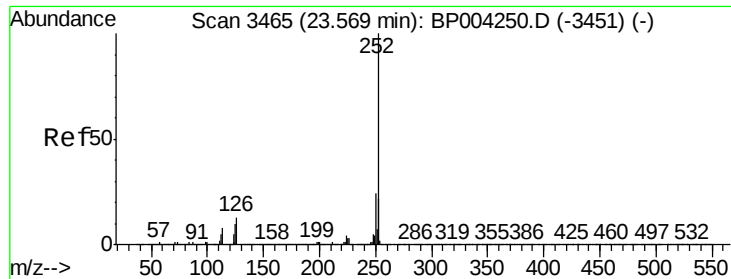


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 8.121 ng/ul

RT: 23.62 min Scan# 3473

Delta R.T. 0.04 min

Lab File: BP004277.D

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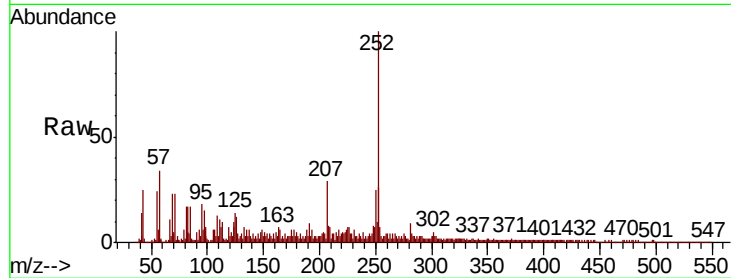
Tot Ion:252 Resp: 870987

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

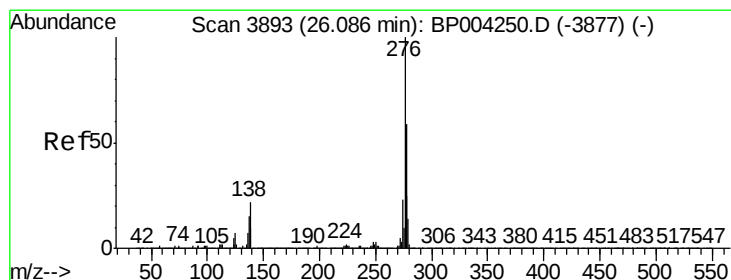
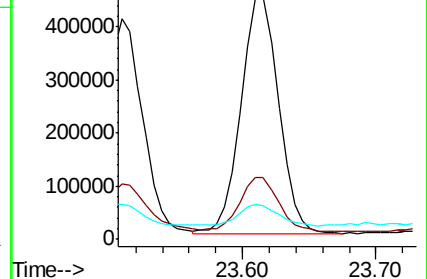
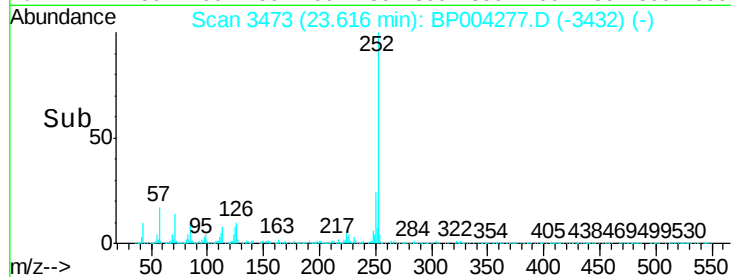
125 13.6 7.8 11.6#



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: 6.138 ng/ul

RT: 26.16 min Scan# 3905

Delta R.T. 0.07 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

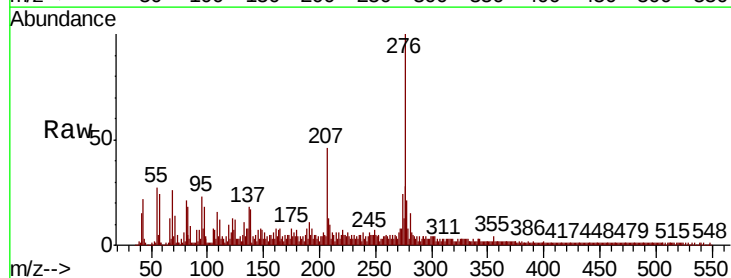
Tgt Ion:276 Resp: 825521

Ion Ratio Lower Upper

276 100

138 17.3 17.8 26.6#

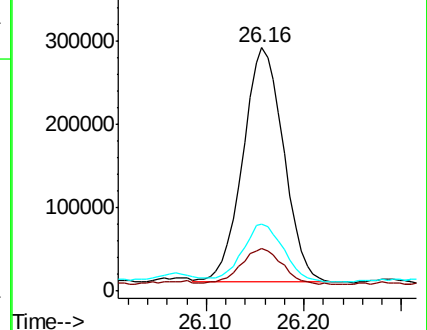
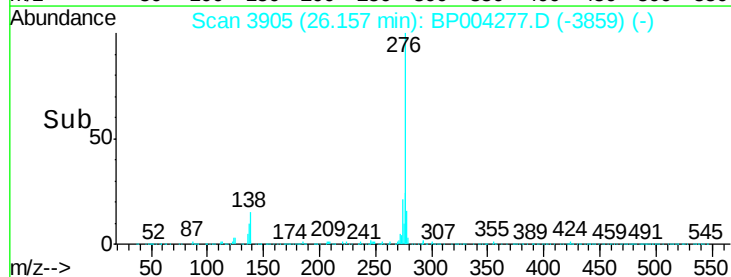
277 27.5 19.8 29.6

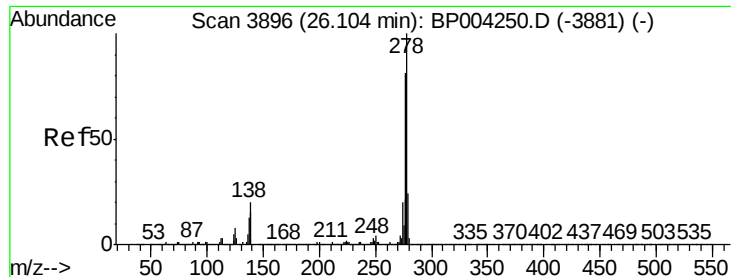


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.709 ng/ul

RT: 26.16 min Scan# 3906

Delta R.T. 0.06 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

Instrument :

BNA_P

ClientSampleId :

A54B9

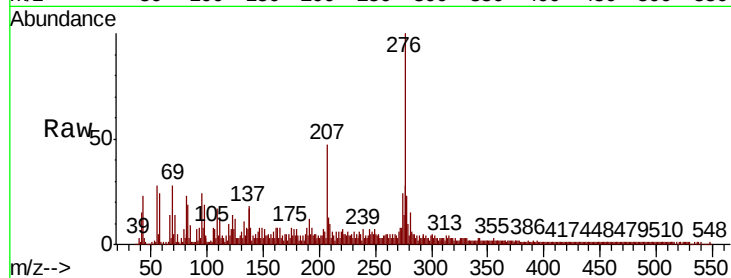
Tot Ion:278 Resp: 192600

Ion Ratio Lower Upper

278 100

139 33.5 11.9 17.9#

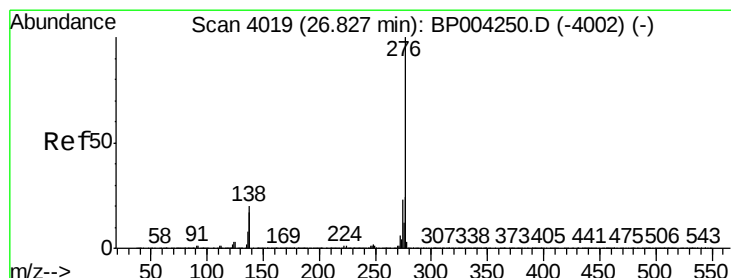
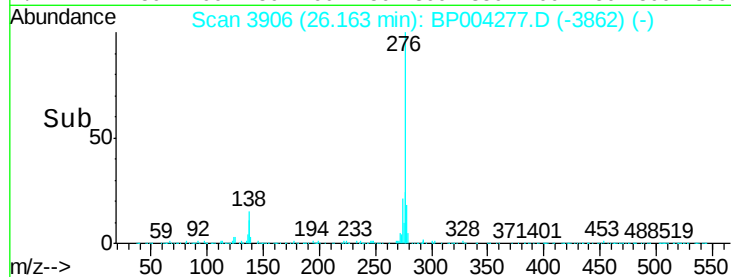
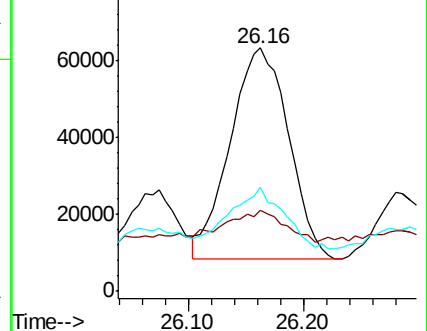
279 42.7 18.6 28.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 6.184 ng/ul

RT: 26.91 min Scan# 4033

Delta R.T. 0.08 min

Lab File: BP004277.D

Acq: 14 Dec 2020 16:53

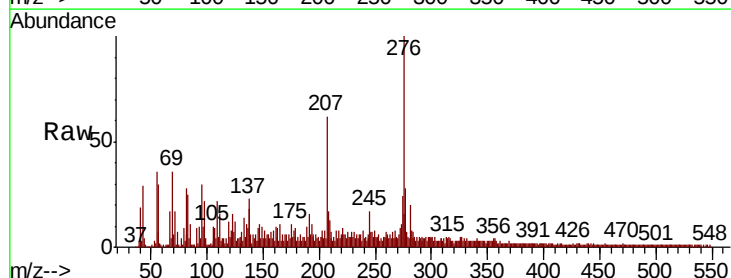
Tgt Ion:276 Resp: 697772

Ion Ratio Lower Upper

276 100

138 17.6 16.6 25.0

277 28.0 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

