

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101719\
 Data File : BP000802.D
 Acq On : 16 Oct 2019 10:53
 Operator : JU
 Sample : K5199-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPH0

Quant Time: Oct 17 08:15:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 07:55:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	175060	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	651606	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	363160	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	675257	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	560107	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	612328	20.00	ng/ul	0.00

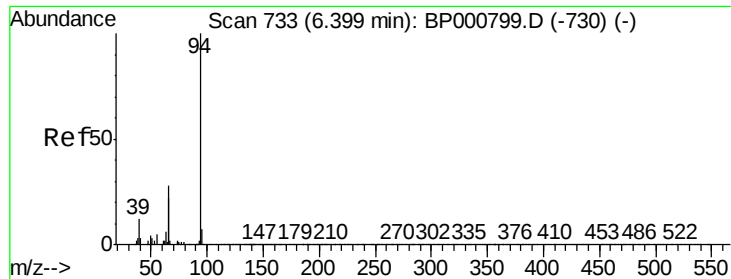
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	16079	3.81	ng/uL	0.01
5) Phenol-d5	6.39	99	284480	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	163884	24.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	259219	22.78	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	209679	20.32	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	129594	26.16	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	139432	26.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	246147	24.38	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	237746	21.18	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	736450	28.97	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	856576	27.39	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	54031	13.80	ng/ul	0.00
58) Fluorene-d10	10.32	176	608931	28.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	47104	14.65	ng/ul	0.00
71) Anthracene-d10	11.35	188	891853	28.51	ng/ul	0.00
79) Pyrene-d10	12.74	212	951940	30.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	903689	29.89	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	23821	1.750	ng/ul 94
45) Dimethylphthalate	9.51	163	223159	8.810	ng/ul 100
70) Phenanthrene	11.32	178	222011	6.033	ng/ul 99
72) Anthracene	11.37	178	46888	1.255	ng/ul 97
77) Fluoranthene	12.52	202	469238	12.444	ng/ul 99
80) Pyrene	12.76	202	434995	10.946	ng/ul 99
83) Benzo(a)anthracene	13.96	228	229698	6.110	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	13.96	149	54976	2.547	ng/ul 99
85) Chrysene	14.00	228	241135	6.901	ng/ul 98
87) Di-n-octyl phthalate	14.58	149	115149	3.280	ng/ul 100
88) Benzo(b)fluoranthene	15.02	252	284642	7.791	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	103852	2.985	ng/ul 96
91) Benzo(a)pyrene	15.39	252	208579	6.030	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	133615	3.370	ng/ul 97
93) Dibenzo(a,h)anthracene	16.93	278	35612	1.096	ng/ul# 89
94) Benzo(g,h,i)perylene	17.36	276	104074	3.153	ng/ul 99

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



#6

Phenol

Concen: 1.750 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Instrument :

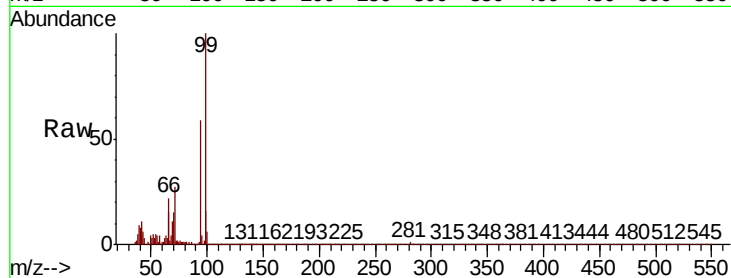
BNA_P

ClientSampleId :

BEPH0

Tot Ion: 94 Resp: 23821

Ion	Ratio	Lower	Upper
94	100		
65	25.0	19.2	28.8
66	37.0	25.7	38.5



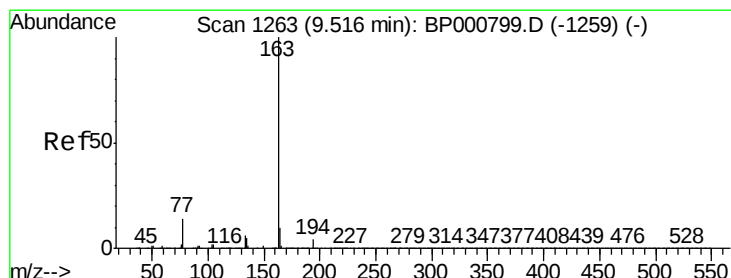
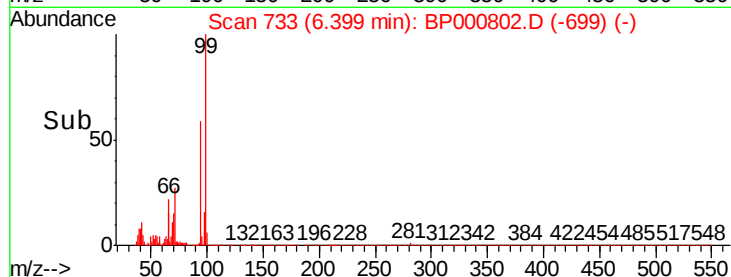
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Time-->



#45

Dimethylphthalate

Concen: 8.810 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Tgt Ion:163 Resp: 223159

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.1	12.1

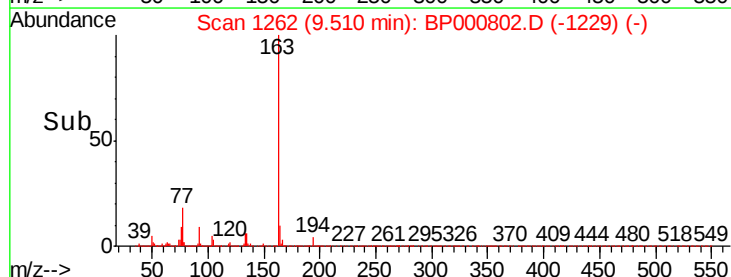
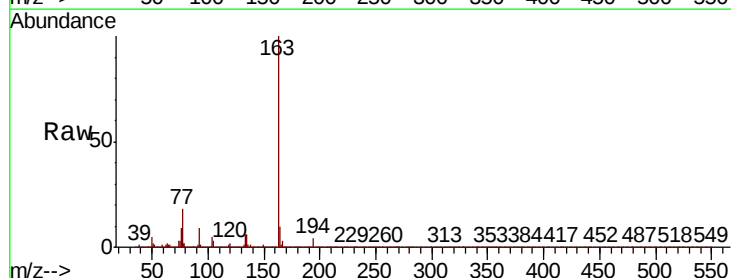
Abundance

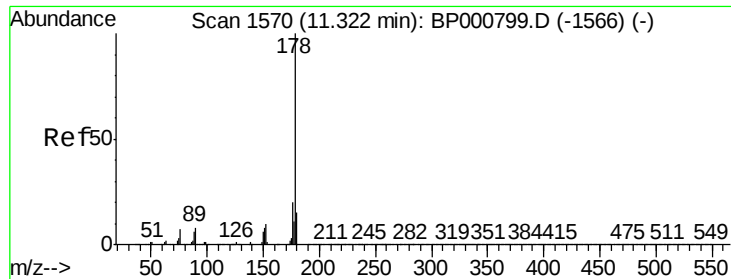
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->





#70

Phenanthrene

Concen: 6.033 ng/ul

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Instrument :

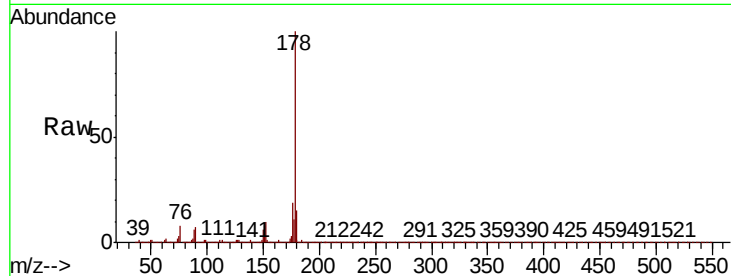
BNA_P

ClientSampleId :

BEPH0

Tot Ion:178 Resp: 222011

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	19.2	15.4	23.2

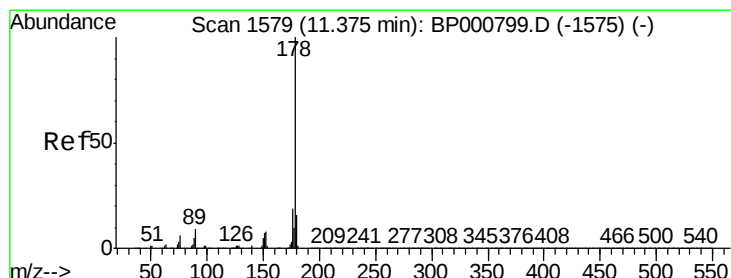
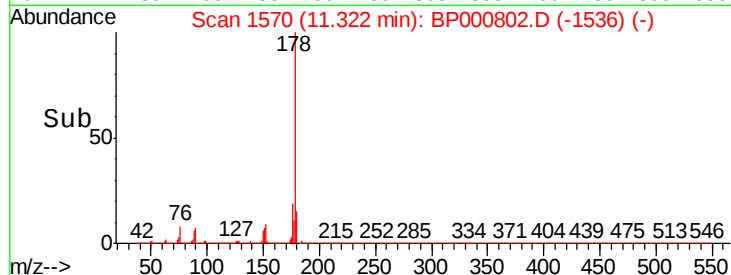
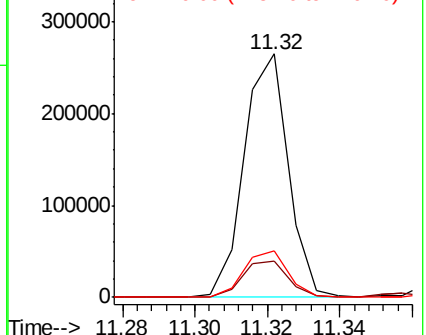


Abundance

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: 1.255 ng/ul

RT: 11.37 min Scan# 1578

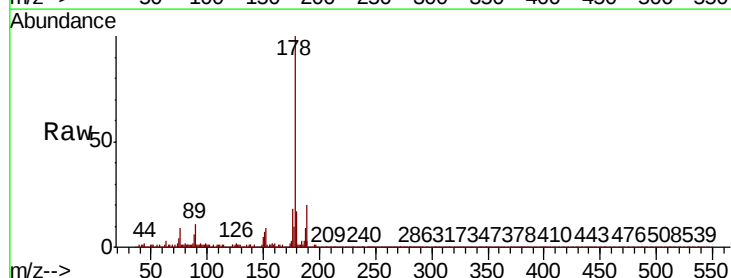
Delta R.T. -0.01 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Tgt Ion:178 Resp: 46888

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	17.6	15.1	22.7

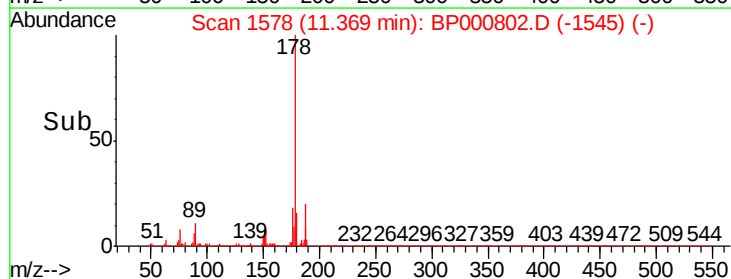
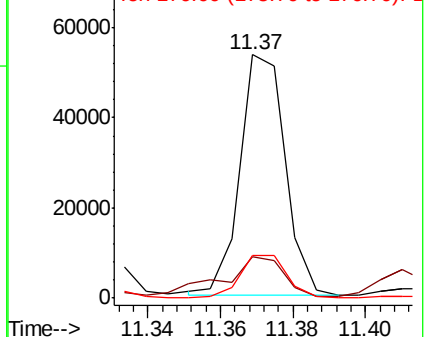


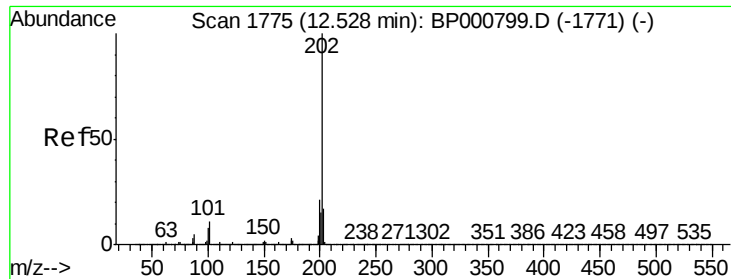
Abundance

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: 12.444 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Instrument :

BNA_P

ClientSampleId :

BEPH0

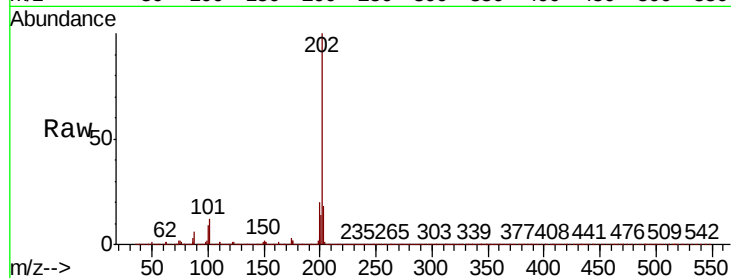
Tot Ion:202 Resp: 469238

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.6

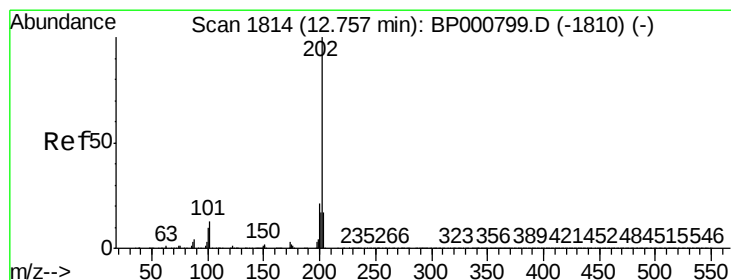
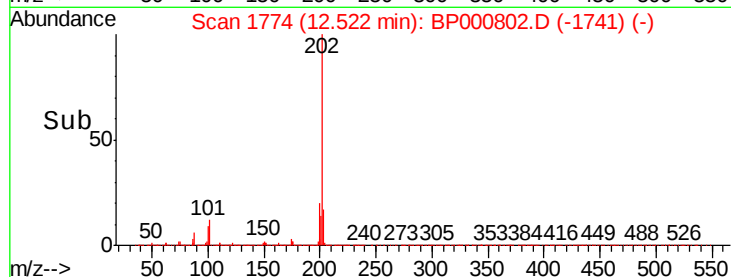
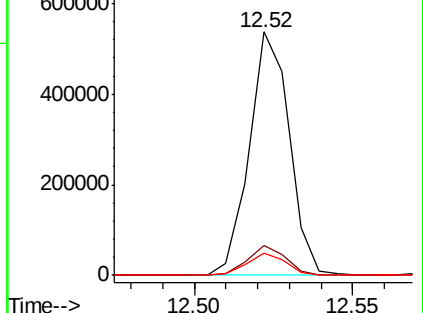
100 9.3 7.2 10.8



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): BF



#80

Pyrene

Concen: 10.946 ng/ul

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

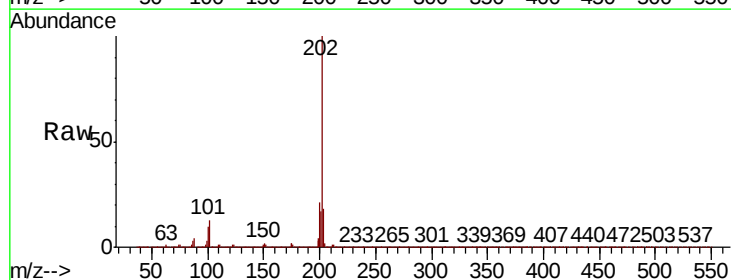
Tgt Ion:202 Resp: 434995

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

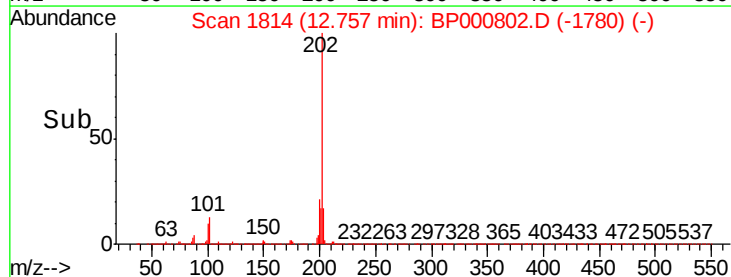
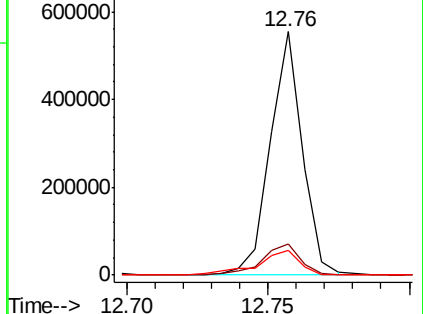
100 10.2 7.8 11.8

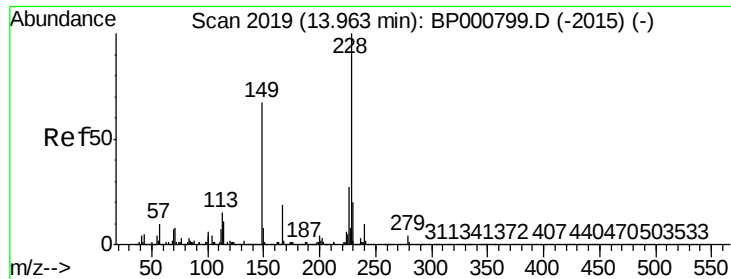


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF





#83

Benzo(a)anthracene

Concen: 6.110 ng/ul

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Instrument :

BNA_P

ClientSampleId :

BEPH0

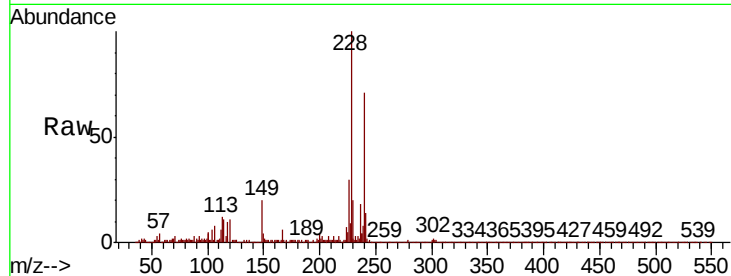
Tot Ion:228 Resp: 229698

Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

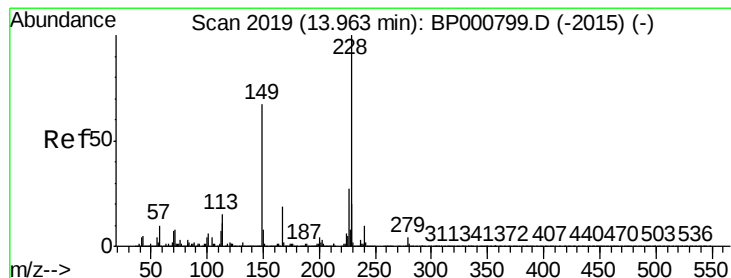
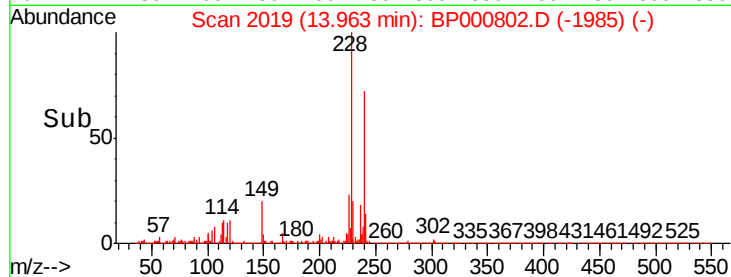
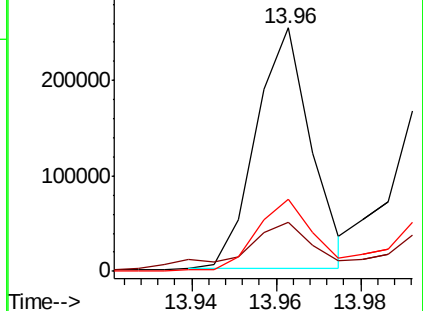
226 29.7 21.8 32.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.547 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

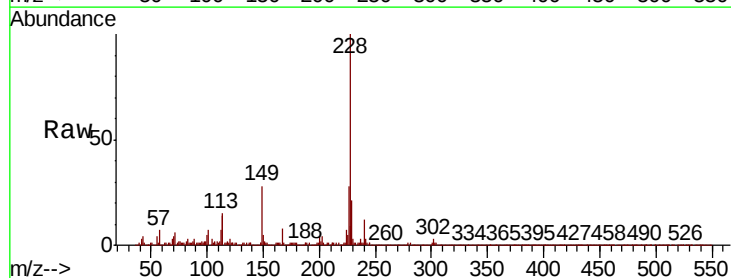
Tgt Ion:149 Resp: 54976

Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

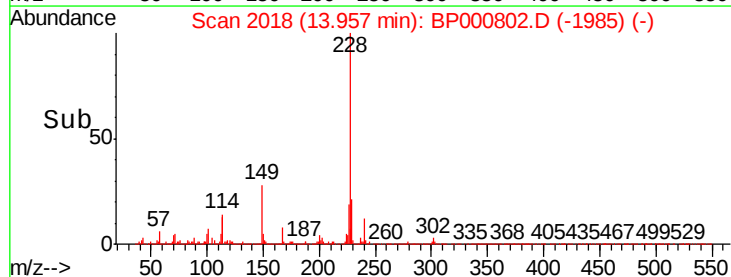
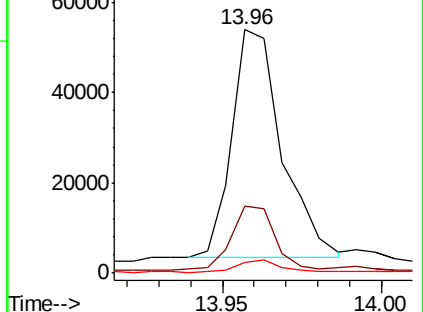
279 4.1 3.2 4.8

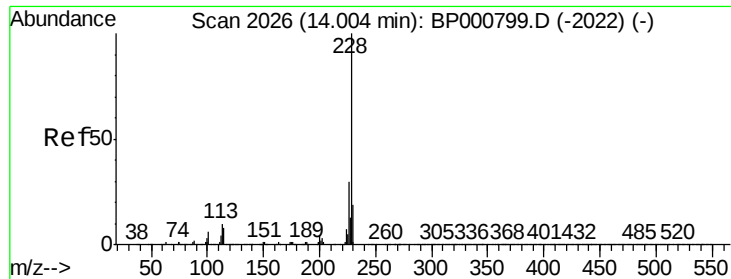


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

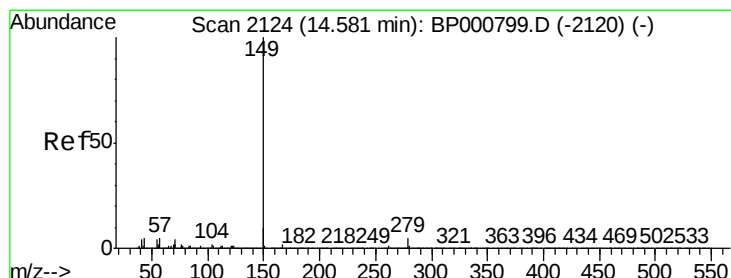
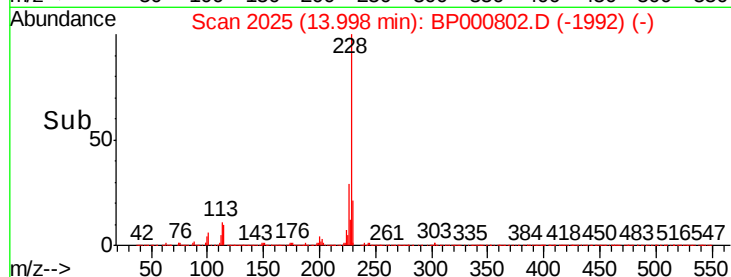
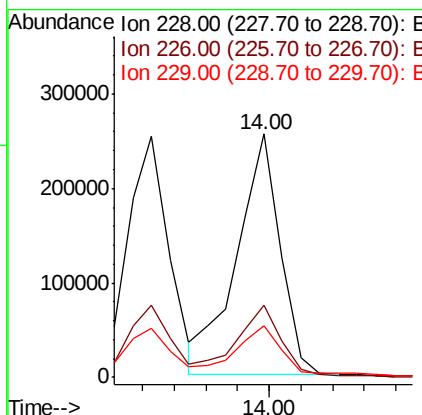
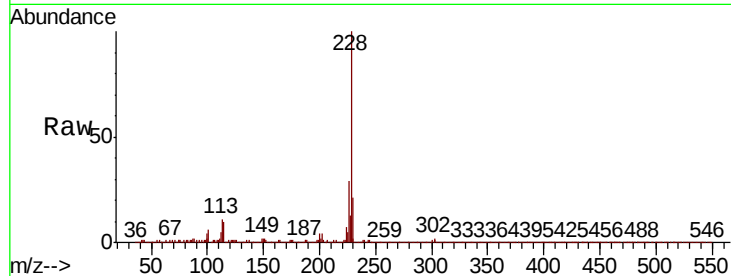




#85
Chrysene
Concen: 6.901 ng/ul
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000802.D
Acq: 16 Oct 2019 10:53

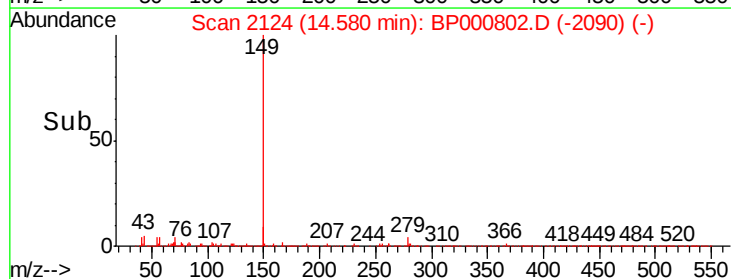
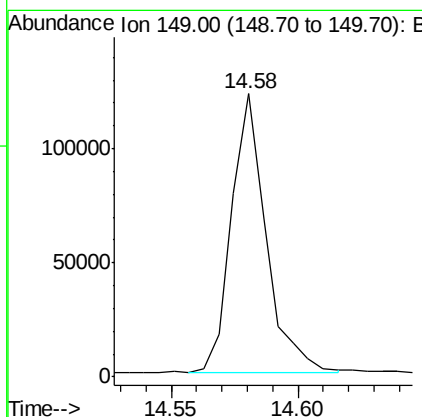
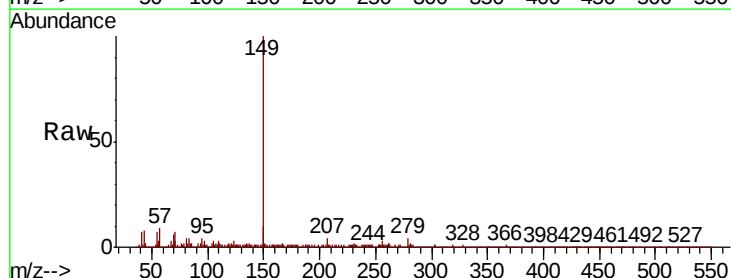
Instrument :
BNA_P
ClientSampleId :
BEPH0

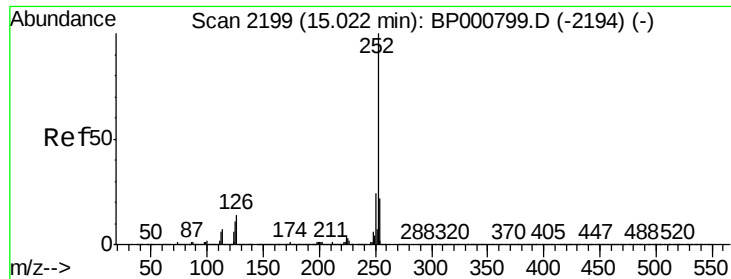
Tot Ion:228 Resp: 241135
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 21.1 15.8 23.6



#87
Di-n-octyl phthalate
Concen: 3.280 ng/ul
RT: 14.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BP000802.D
Acq: 16 Oct 2019 10:53

Tgt Ion:149 Resp: 115149

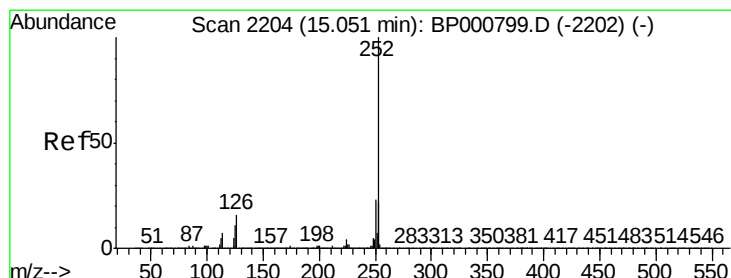
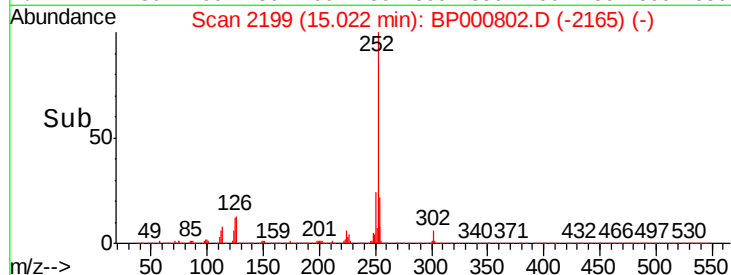
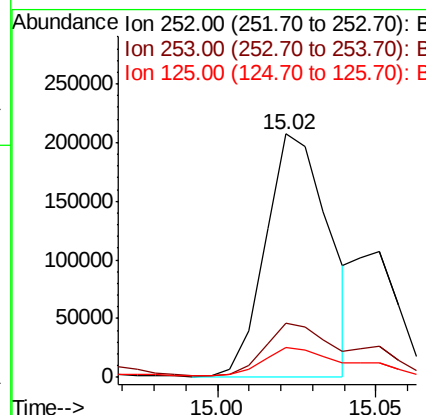
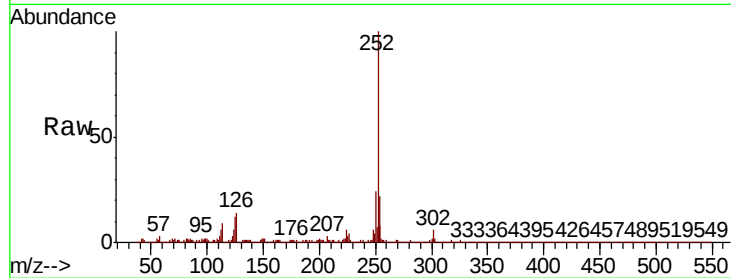




#88
Benzo(b)fluoranthene
Concen: 7.791 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BP000802.D
Acq: 16 Oct 2019 10:53

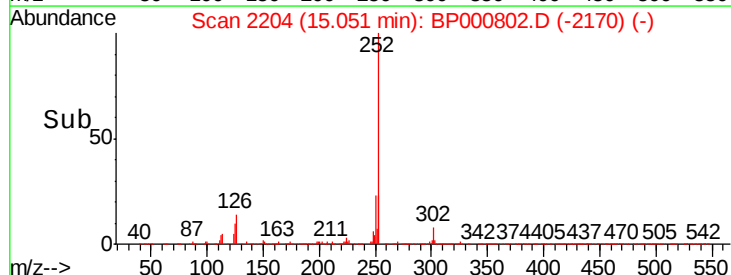
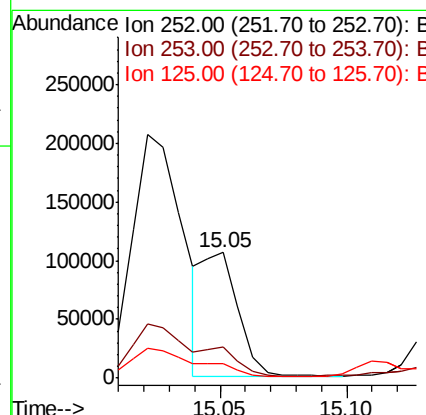
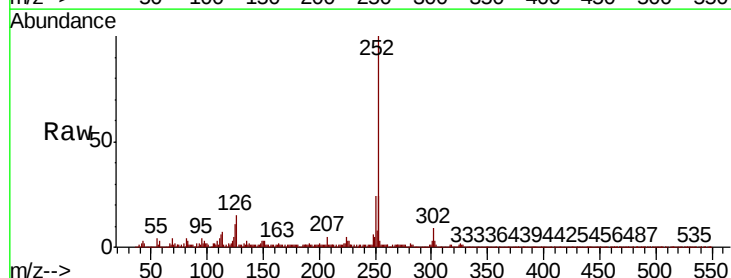
Instrument :
BNA_P
ClientSampled :
BEPH0

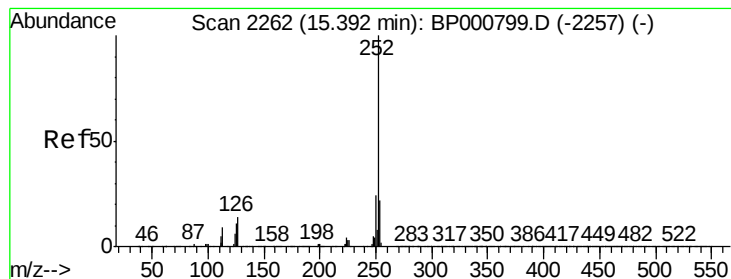
Tot Ion:252 Resp: 284642
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 12.3 8.7 13.1



#89
Benzo(k)fluoranthene
Concen: 2.985 ng/ul
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BP000802.D
Acq: 16 Oct 2019 10:53

Tgt Ion:252 Resp: 103852
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 11.3 8.2 12.4





#91

Benzo(a)pyrene

Concen: 6.030 ng/ul

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Instrument :

BNA_P

ClientSampleID :

BEPH0

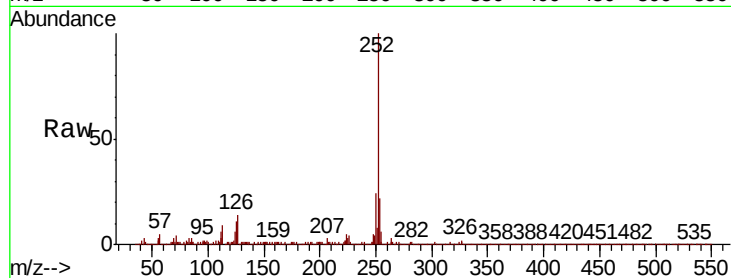
Tot Ion:252 Resp: 208579

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

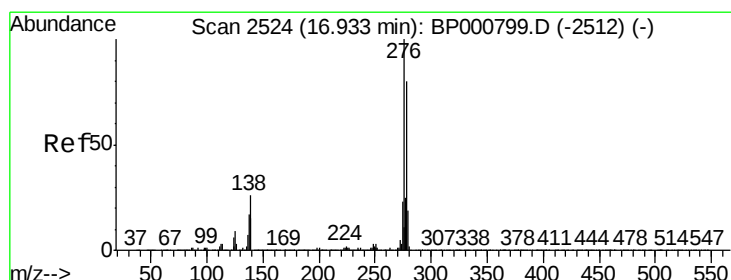
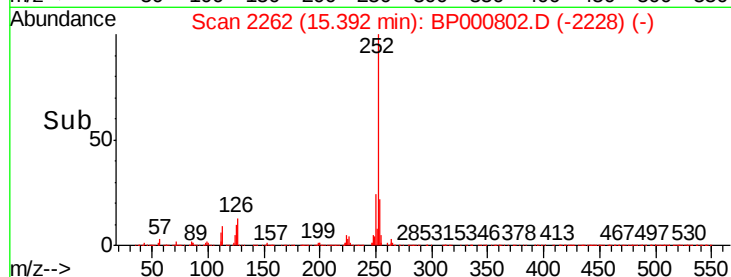
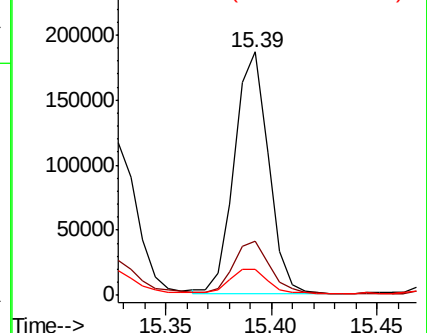
125 10.7 9.7 14.5



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.370 ng/ul

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

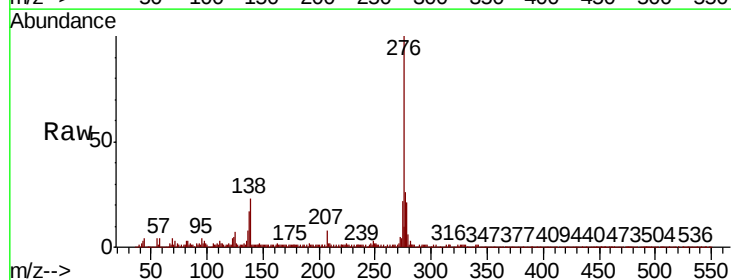
Tgt Ion:276 Resp: 133615

Ion Ratio Lower Upper

276 100

138 23.0 20.0 30.0

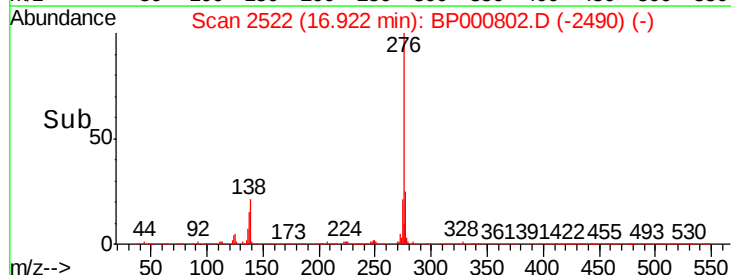
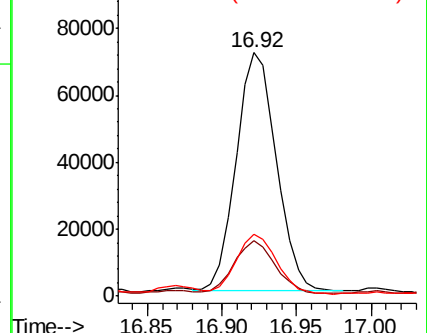
277 25.6 19.8 29.8

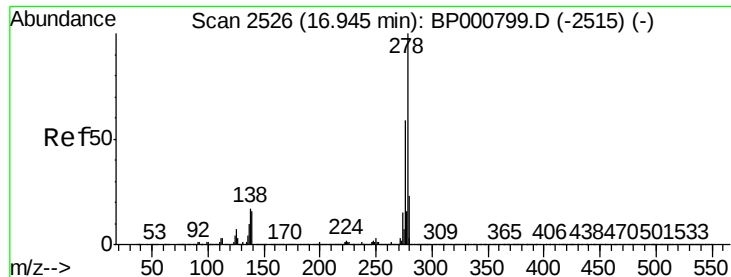


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.096 ng/ul

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

Instrument :

BNA_P

ClientSampleId :

BEPH0

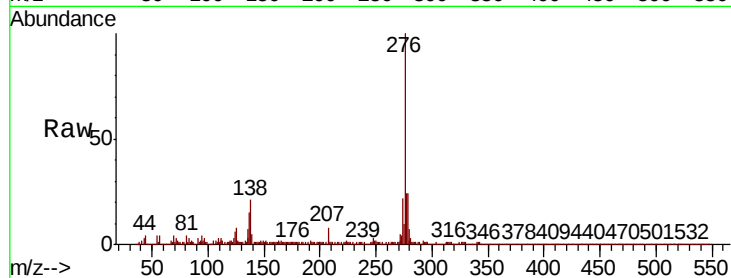
Tot Ion:278 Resp: 35612

Ion Ratio Lower Upper

278 100

139 22.4 14.2 21.4#

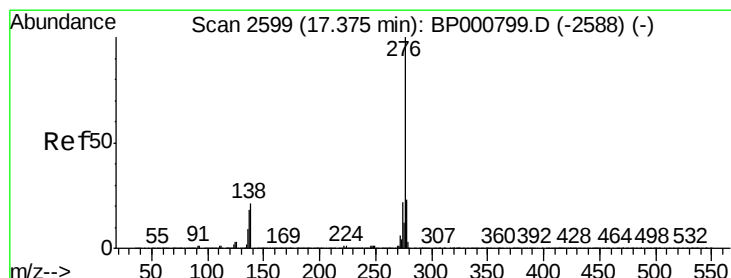
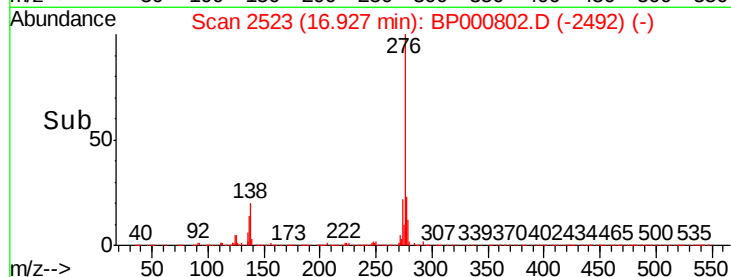
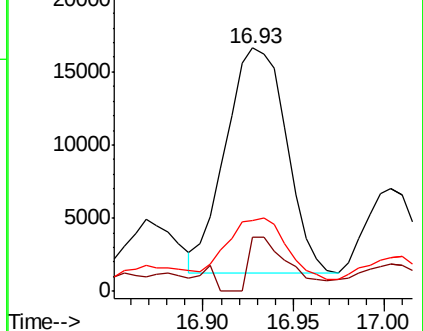
279 29.3 19.2 28.8#



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: 3.153 ng/ul

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP000802.D

Acq: 16 Oct 2019 10:53

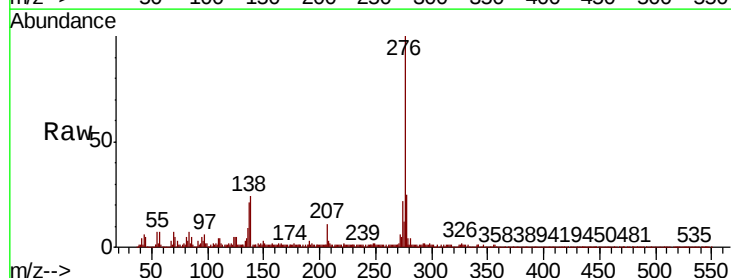
Tgt Ion:276 Resp: 104074

Ion Ratio Lower Upper

276 100

138 23.6 18.4 27.6

277 25.0 19.4 29.0



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

