

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000763.D
 Acq On : 15 Oct 2019 14:09
 Operator : JU
 Sample : K5175-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPF9

Quant Time: Oct 16 04:19:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 02:22:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	214825	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	847056	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	493855	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	952802	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	823776	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	814896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.35	96	34541	6.67	ng/uL	-0.04
5) Phenol-d5	6.39	99	582051	35.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	303713	36.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	509152	36.47	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	435818	34.42	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	253440	39.36	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	273402	39.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	472224	35.99	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	616395	42.24	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1387779	40.14	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1611644	37.90	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	179788	33.76	ng/ul	0.00
58) Fluorene-d10	10.32	176	1149557	38.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	141968	31.29	ng/ul	0.00
71) Anthracene-d10	11.35	188	1667058	37.77	ng/ul	0.00
79) Pyrene-d10	12.74	212	1834153	39.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1659245	41.24	ng/ul	0.00

Target Compounds

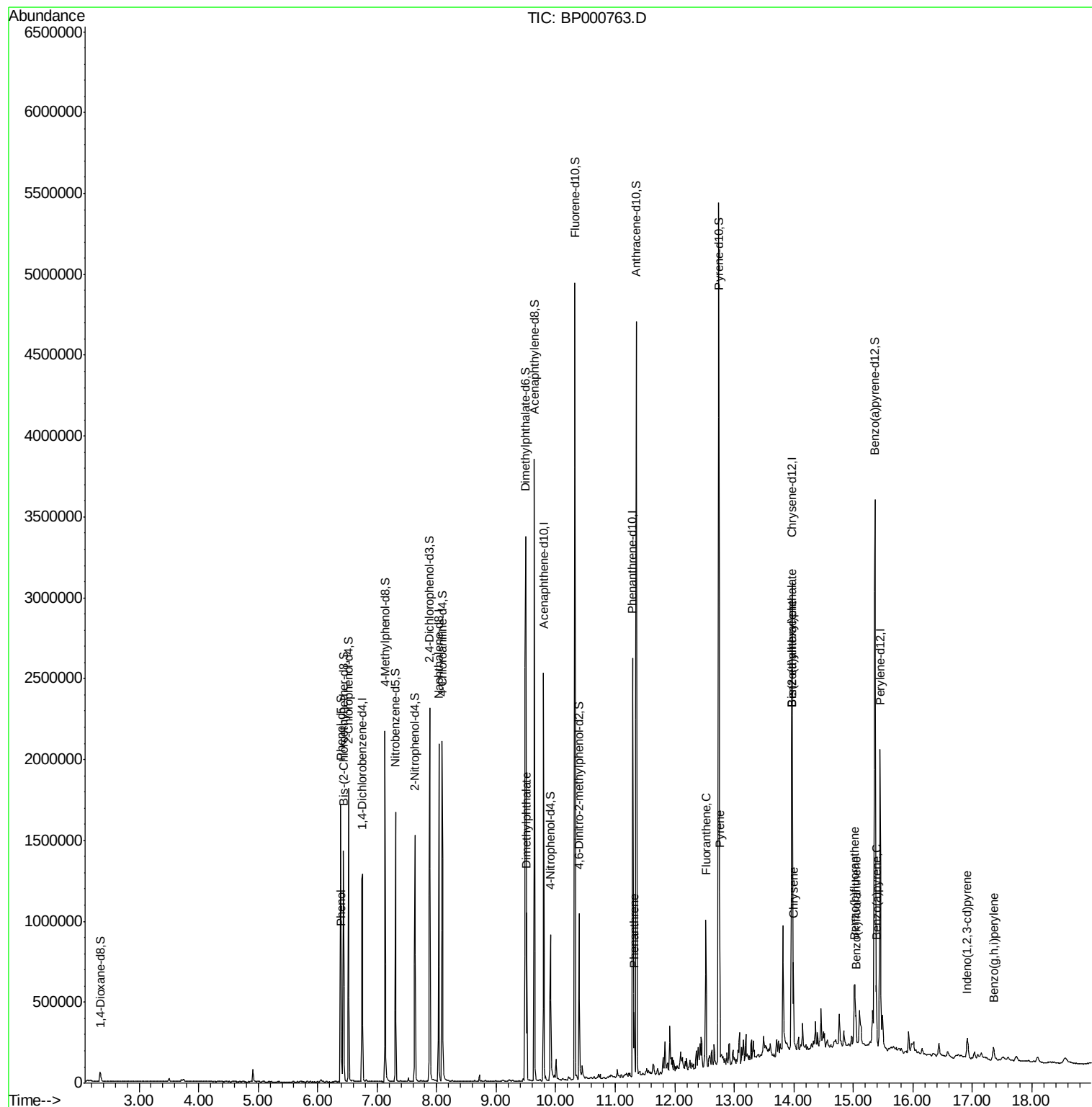
					Ovalue
6) Phenol	6.40	94	67538	4.043	ng/ul 98
45) Dimethylphthalate	9.51	163	376765	10.938	ng/ul 100
70) Phenanthrene	11.32	178	136167	2.622	ng/ul 100
77) Fluoranthene	12.52	202	335490	6.305	ng/ul 98
80) Pyrene	12.76	202	356197	6.094	ng/ul 99
83) Benzo(a)anthracene	13.96	228	195722	3.540	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	13.96	149	67099	2.113	ng/ul 99
85) Chrysene	13.99	228	189621	3.690	ng/ul 98
88) Benzo(b)fluoranthene	15.02	252	210730	4.334	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	53968	1.166	ng/ul 97
91) Benzo(a)pyrene	15.39	252	146618	3.185	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	74474	1.411	ng/ul 98
94) Benzo(g,h,i)perylene	17.36	276	62396	1.420	ng/ul 97

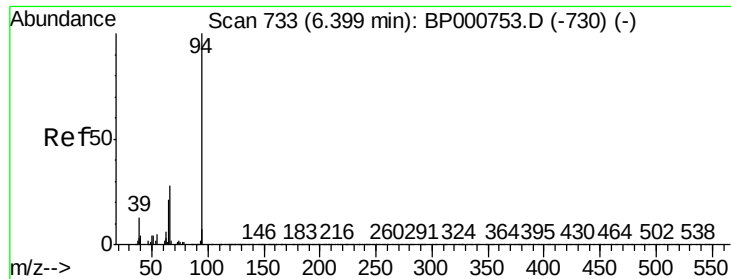
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 4.043 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Instrument :

BNA_P

ClientSampleId :

BEPF9

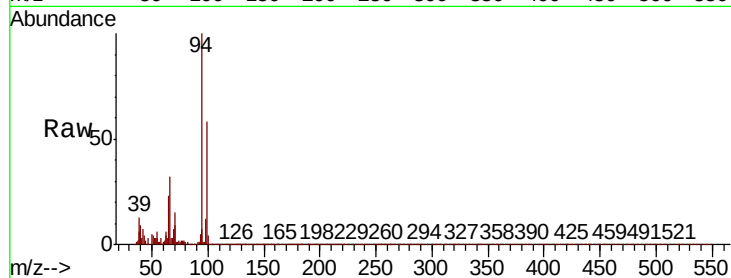
Tot Ion: 94 Resp: 67538

Ion Ratio Lower Upper

94 100

65 22.6 19.2 28.8

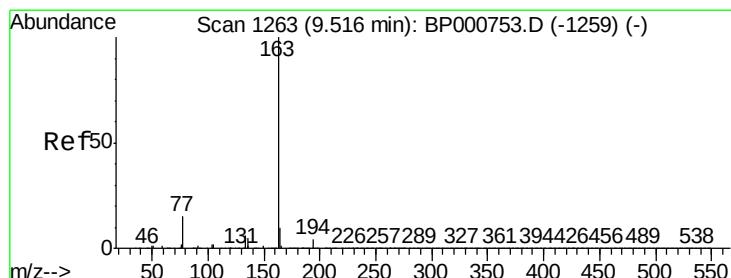
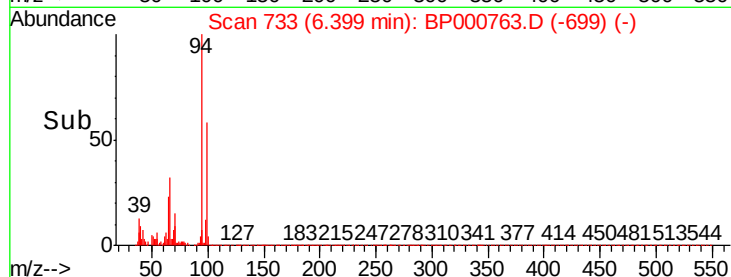
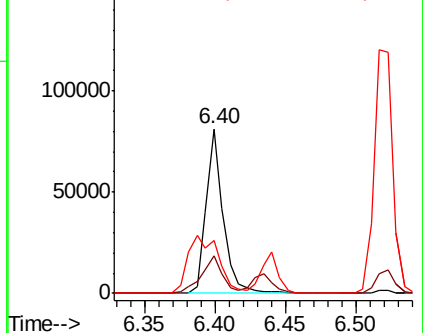
66 31.8 25.7 38.5



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



#45

Dimethylphthalate

Concen: 10.938 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

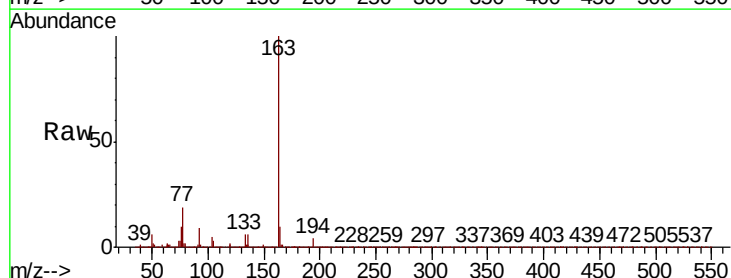
Tgt Ion: 163 Resp: 376765

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

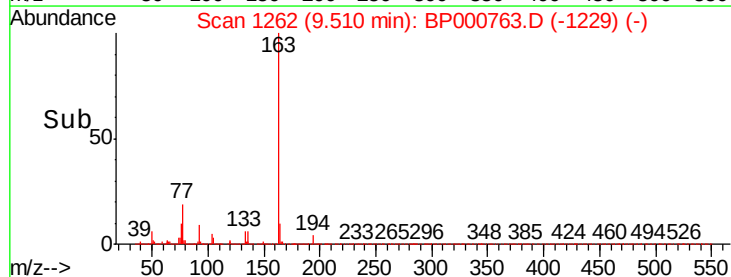
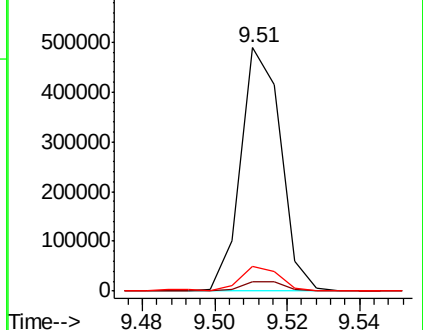
164 10.3 8.1 12.1

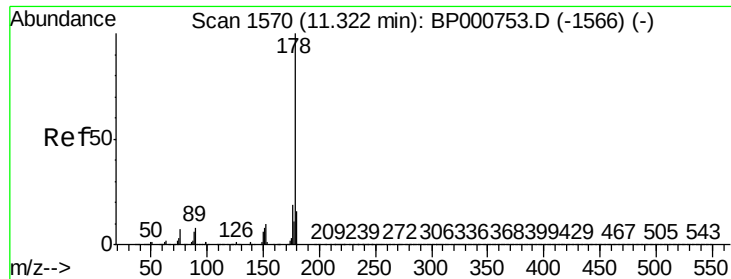


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.622 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Instrument :

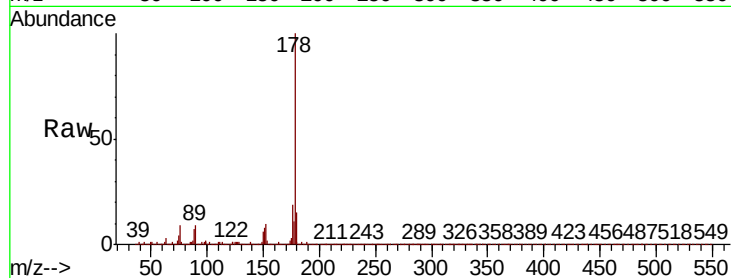
BNA_P

ClientSampleId :

BEPF9

Tot Ion:178 Resp: 136167

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.4	15.4	23.2

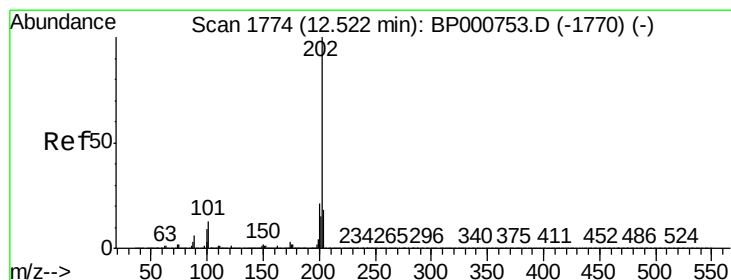
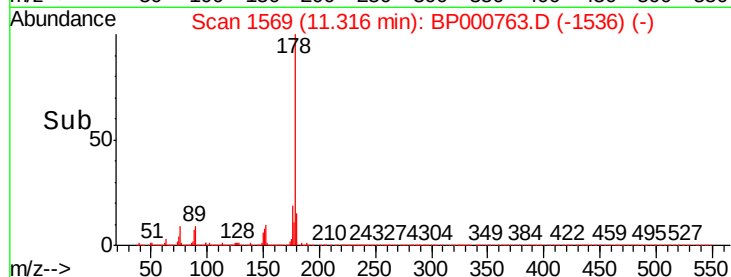
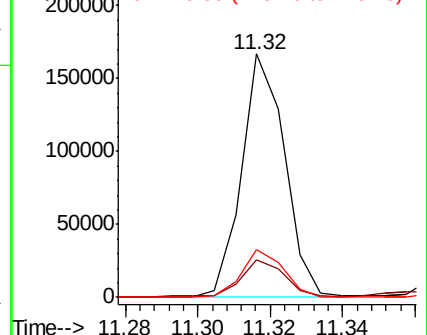


Abundance

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



#77

Fluoranthene

Concen: 6.305 ng/ul

RT: 12.52 min Scan# 1774

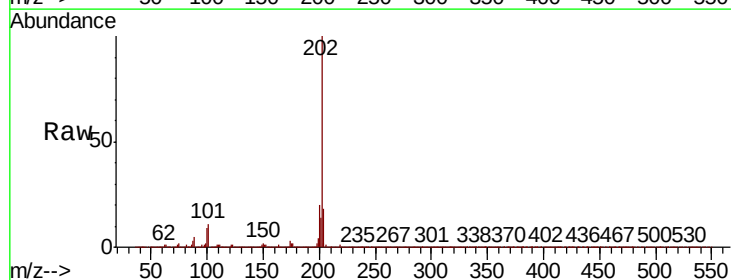
Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Tgt Ion:202 Resp: 335490

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.6
100	8.5	7.2	10.8

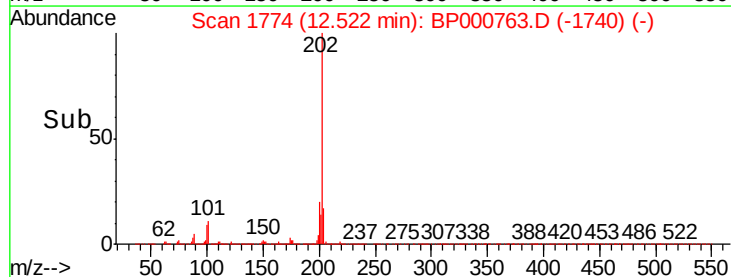
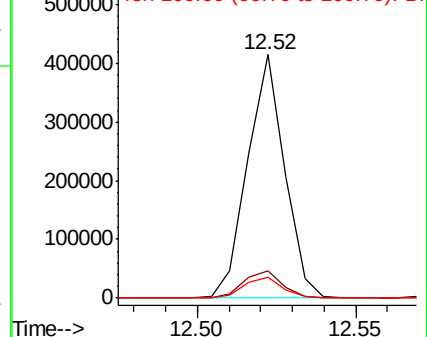


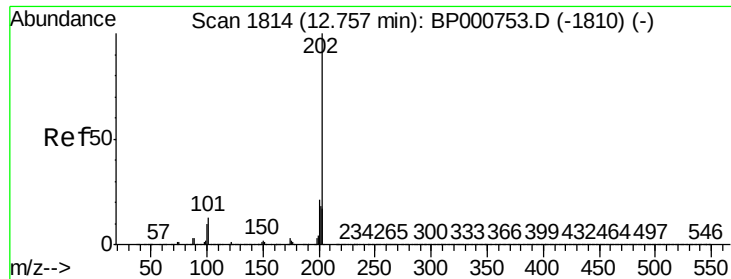
Abundance

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): E

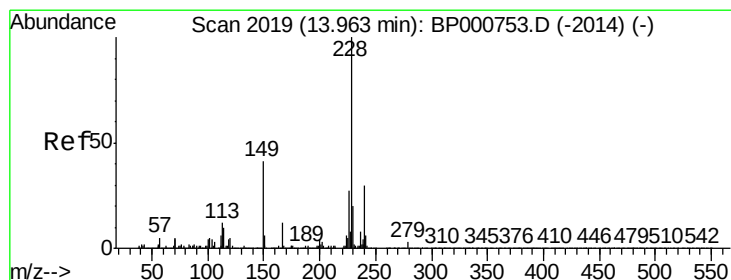
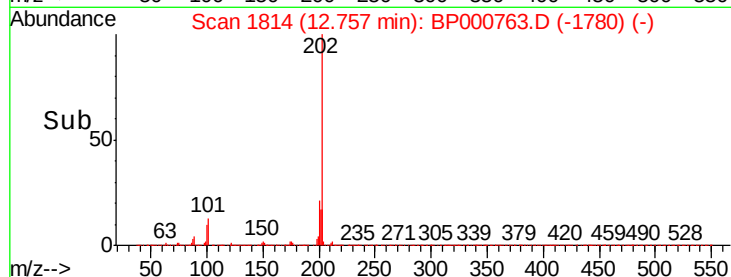
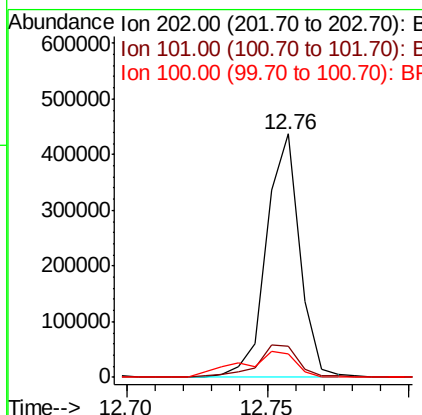
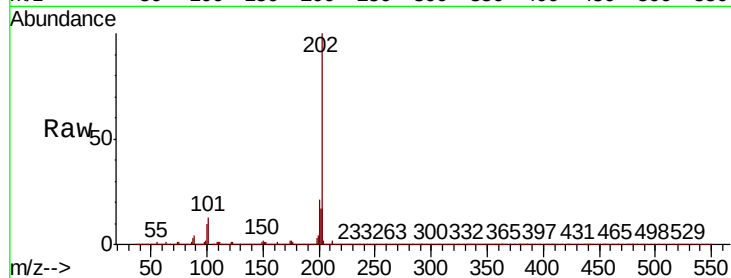




#80
Pvrene
Concen: 6.094 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BP000763.D
Acq: 15 Oct 2019 14:09

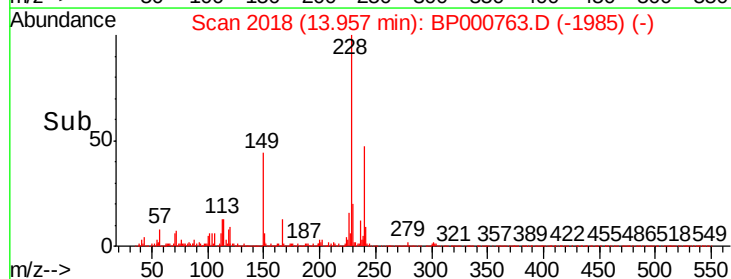
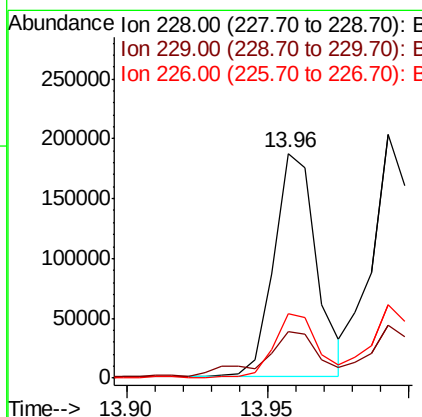
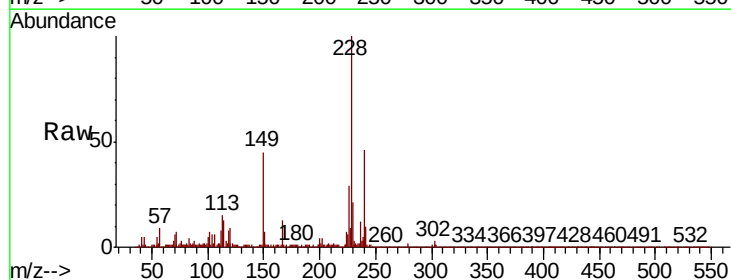
Instrument :
BNA_P
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BEPF9

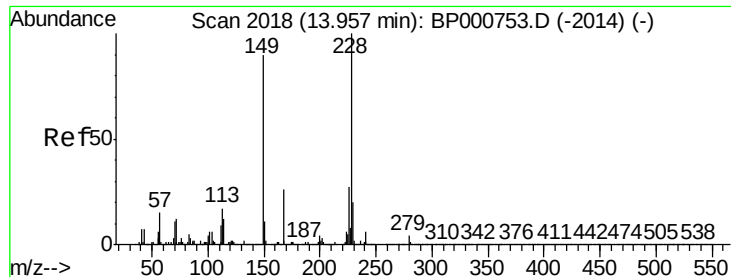
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.9	7.8	11.8



#83
Benzo(a)anthracene
Concen: 3.540 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000763.D
Acq: 15 Oct 2019 14:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.0	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.113 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Instrument :

BNA_P

ClientSampled :

BEPF9

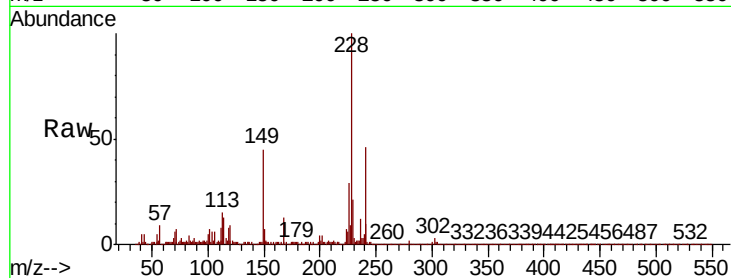
Tot Ion:149 Resp: 67099

Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

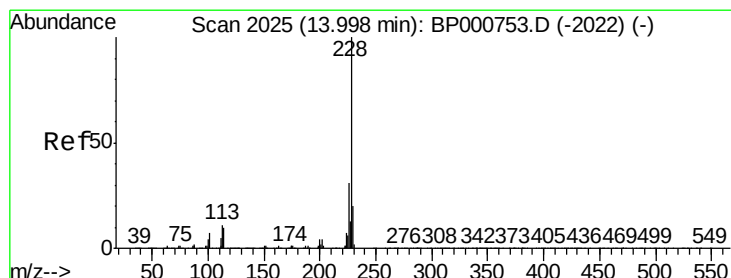
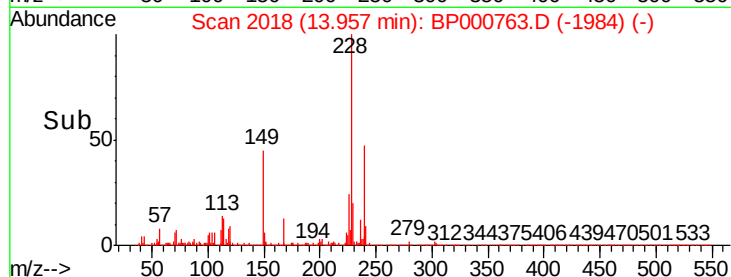
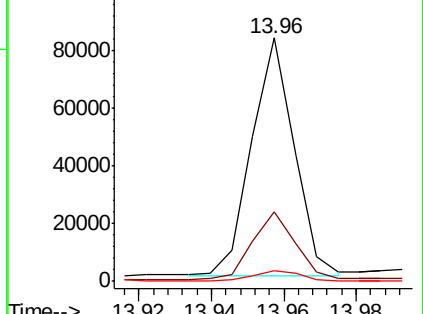
279 4.6 3.2 4.8



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: 3.690 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

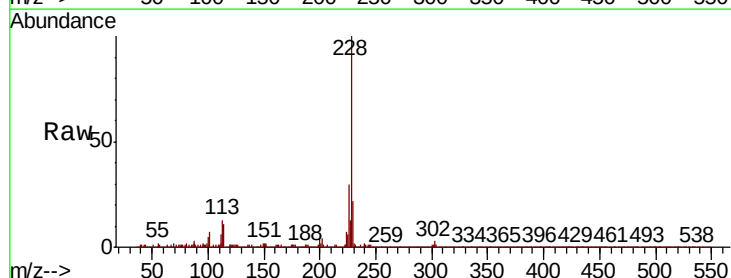
Tgt Ion:228 Resp: 189621

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

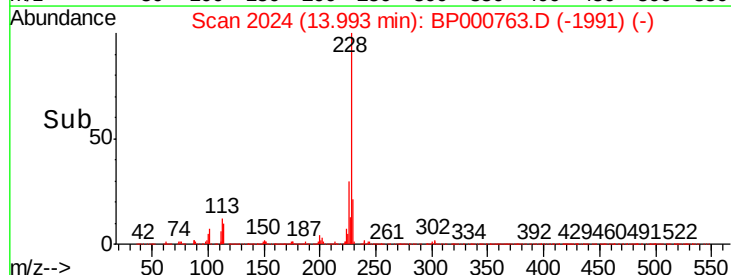
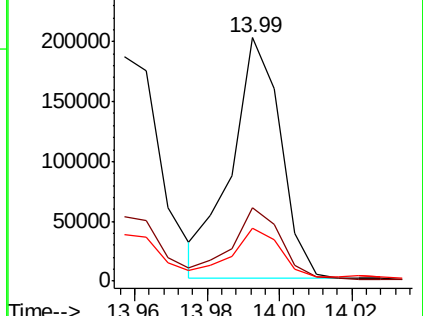
229 21.9 15.8 23.6

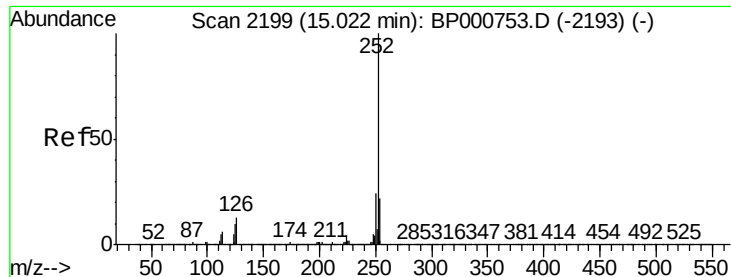


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.334 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Instrument :

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ClientSampleId :

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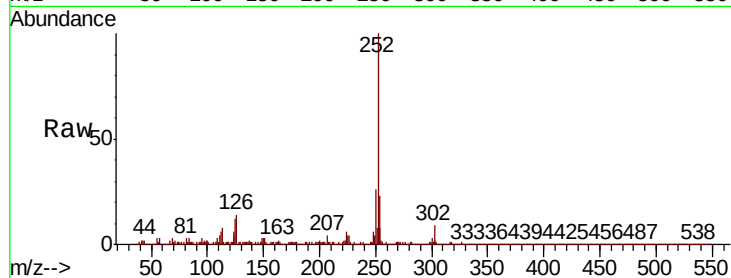
Tot Ion:252 Resp: 210730

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

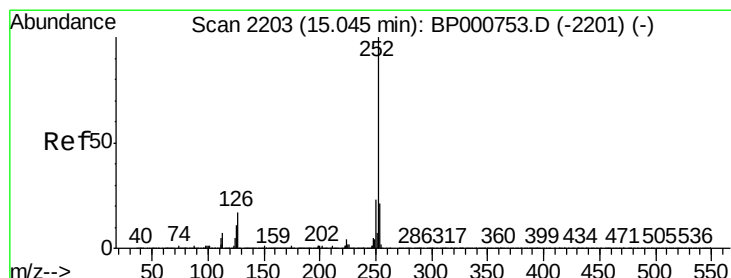
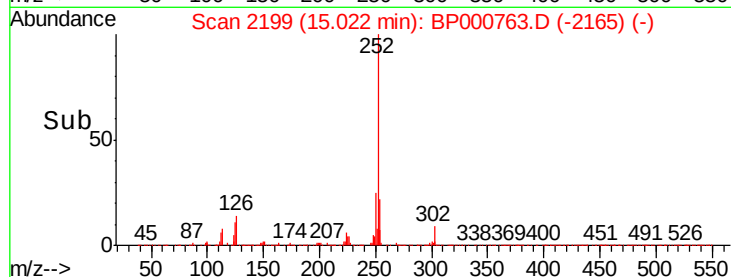
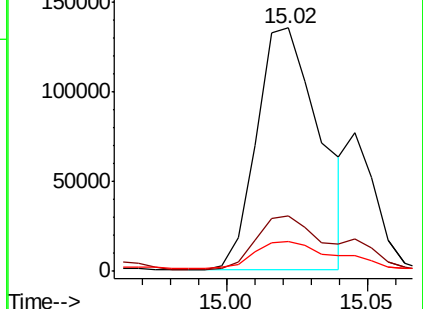
125 12.2 8.7 13.1



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



#89

Benzo(k)fluoranthene

Concen: 1.166 ng/ul

RT: 15.05 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

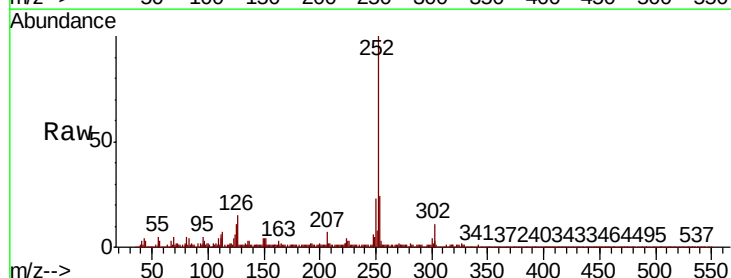
Tgt Ion:252 Resp: 53968

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

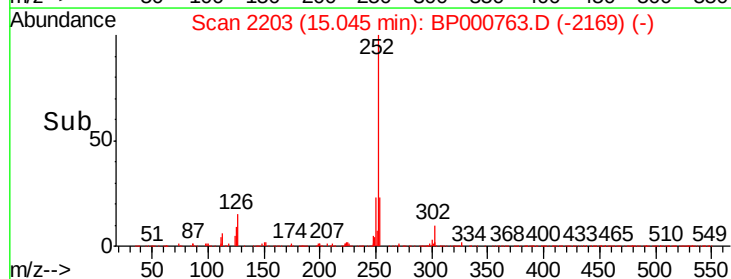
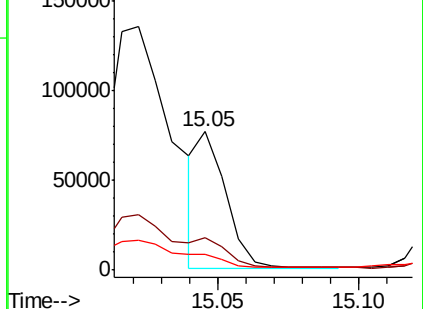
125 11.0 8.2 12.4

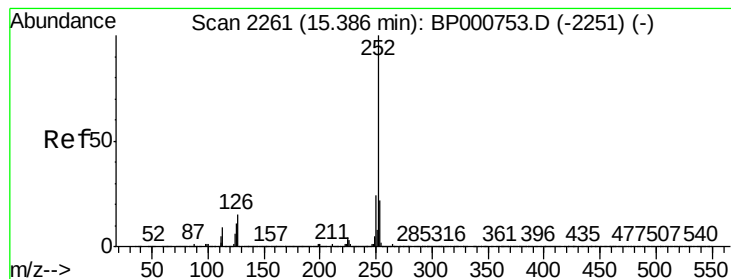


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.185 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Instrument :

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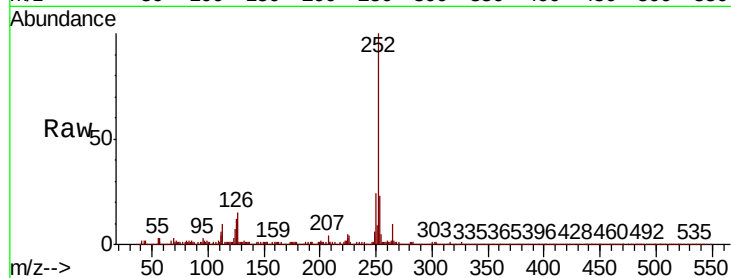
Tot Ion:252 Resp: 146618

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

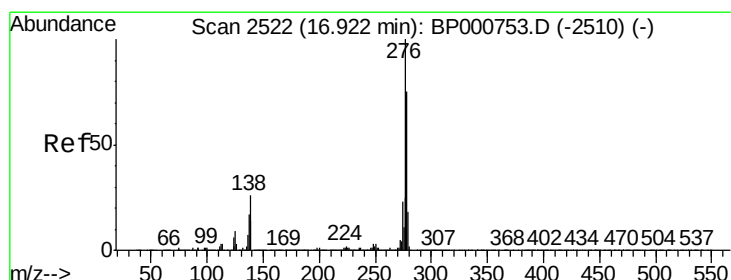
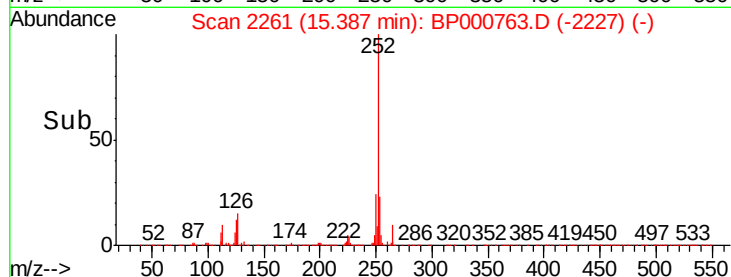
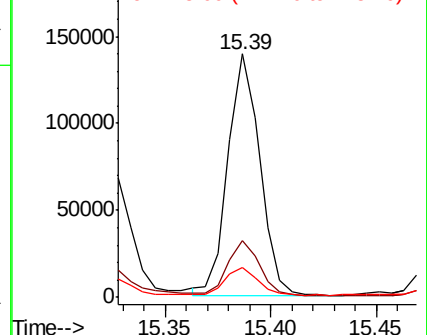
125 12.5 9.7 14.5



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: 1.411 ng/ul

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

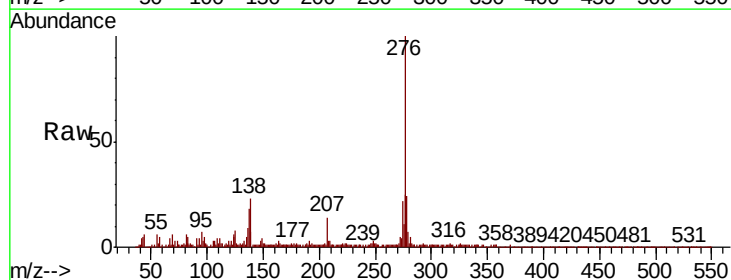
Tgt Ion:276 Resp: 74474

Ion Ratio Lower Upper

276 100

138 23.4 20.0 30.0

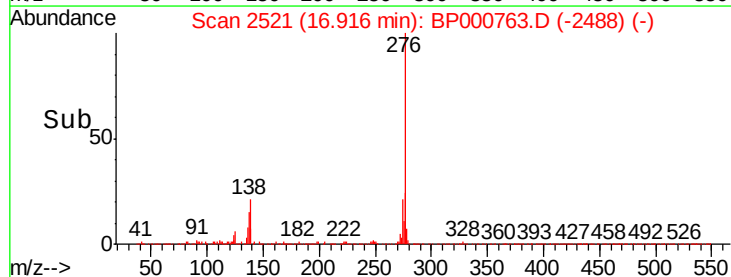
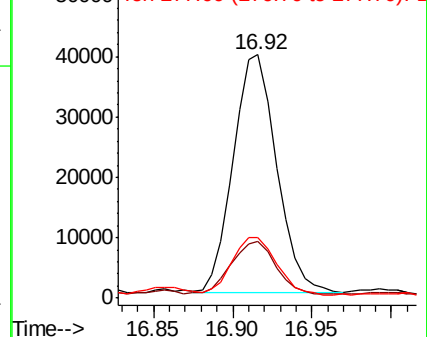
277 25.0 19.8 29.8

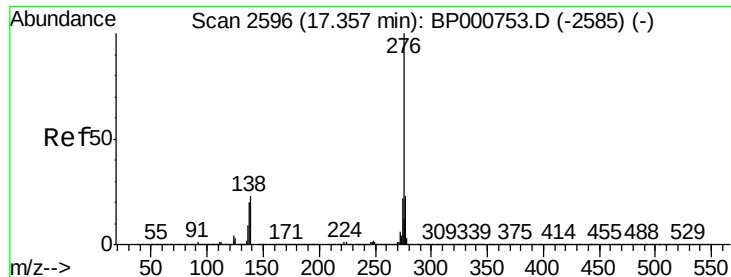


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.420 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP000763.D

Acq: 15 Oct 2019 14:09

Instrument :

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ClientSampleId :

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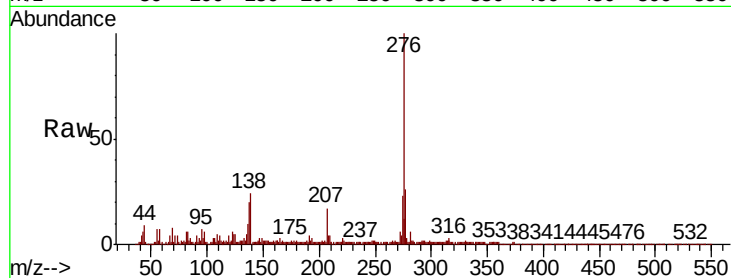
Tot Ion: 276 Resp: 62396

Ion Ratio Lower Upper

276 100

138 23.8 18.4 27.6

277 26.3 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

