Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000755.D
Acq On : 15 Oct 2019 10:56
Operator : JU
Sample : K5175-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEP84

Quant Time: Oct 16 02:25:13 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	218588	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	845560	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	490512	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	918428	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	806133	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	809839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.35	96	25098	4.76	ng/uL	-0.03
5) Phenol-d5	6.38	99	424635	25.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	244837	29.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	389341	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	262434	20.37	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	195920	30.48	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	211706	30.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	354596	27.07	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	453119	31.10	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1083014	31.54	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1274574	30.17	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	109563	20.72	ng/ul	0.00
58) Fluorene-d10	10.32	176	900908	30.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	86531	19.78	ng/ul	0.00
71) Anthracene-d10	11.35	188	1285441	30.22	ng/ul	0.00
79) Pyrene-d10	12.74	212	1476024	32.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1331671	33.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.40	94	30486	1.793	ng/ul	99
45) Dimethylphthalate	9.51	163	460336	13.455	ng/ul	99
70) Phenanthrene	11.32	178	110858	2.215	ng/ul	99
77) Fluoranthene	12.52	202	271114	5.286	ng/ul	98
80) Pyrene	12.75	202	273066	4.774	ng/ul#	91
83) Benzo(a)anthracene	13.96	228	165034	3.050	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	80505	2.591	ng/ul	99
85) Chrysene	13.99	228	157337	3.129	ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	169450	3.507	ng/ul	98
89) Benzo(k)fluoranthene	15.05	252	65550	1.425	ng/ul	96
91) Benzo(a)pyrene	15.39	252	125862	2.751	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.91	276	63535	1.212	ng/ul	98
94) Benzo(g,h,i)perylene	17.35	276	49804	1.141	ng/ul	96

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BEP84

Quant Time: Oct 16 02:25:13 2019
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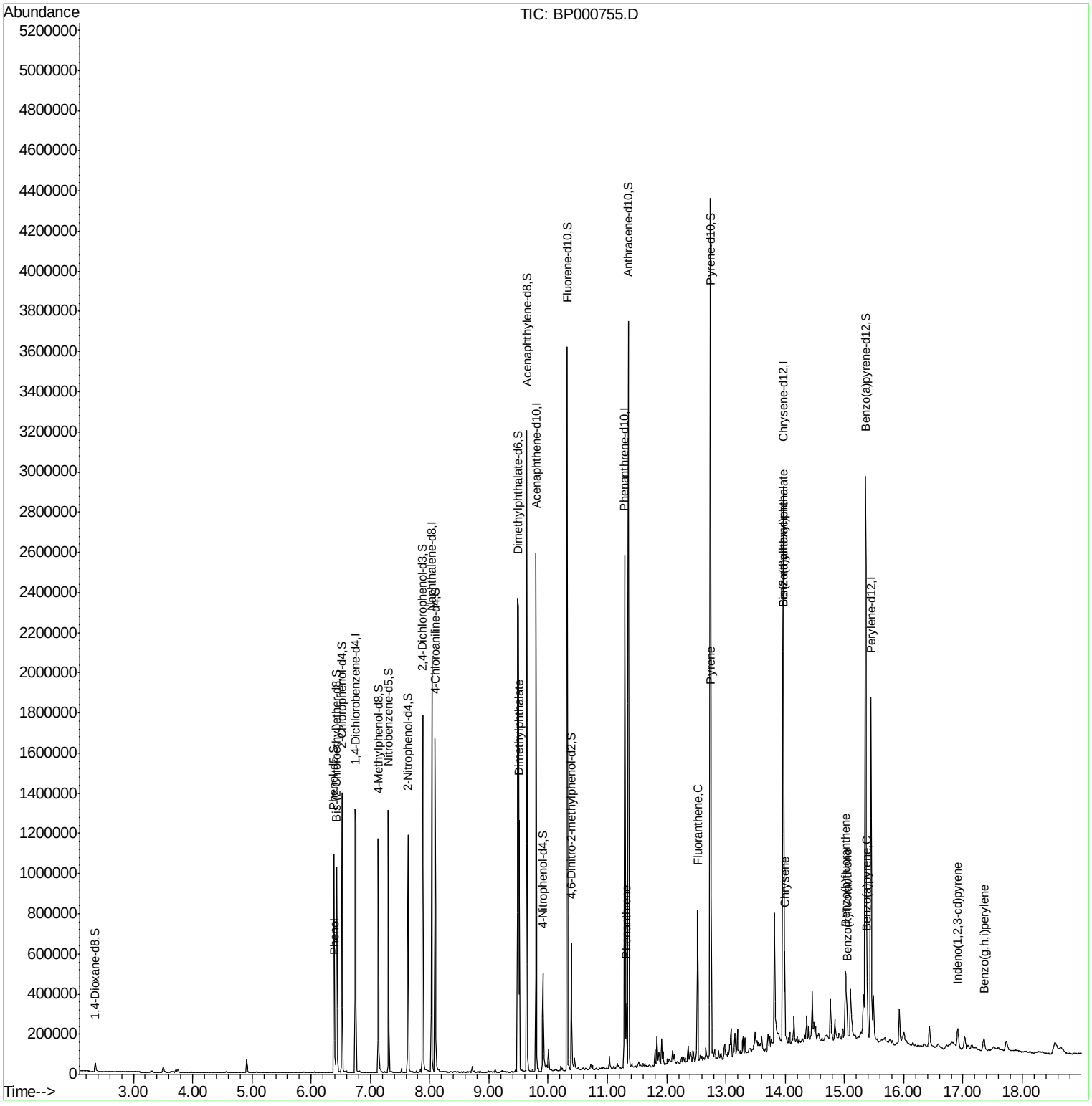
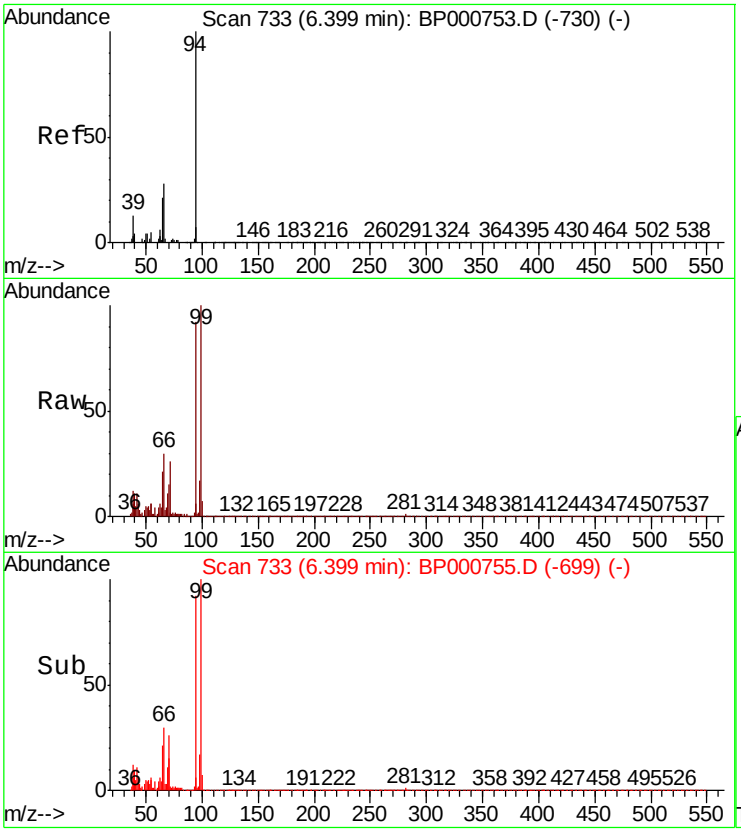
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
Response via : Initial Calibration



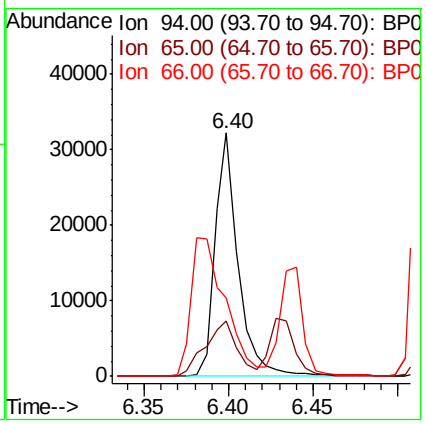


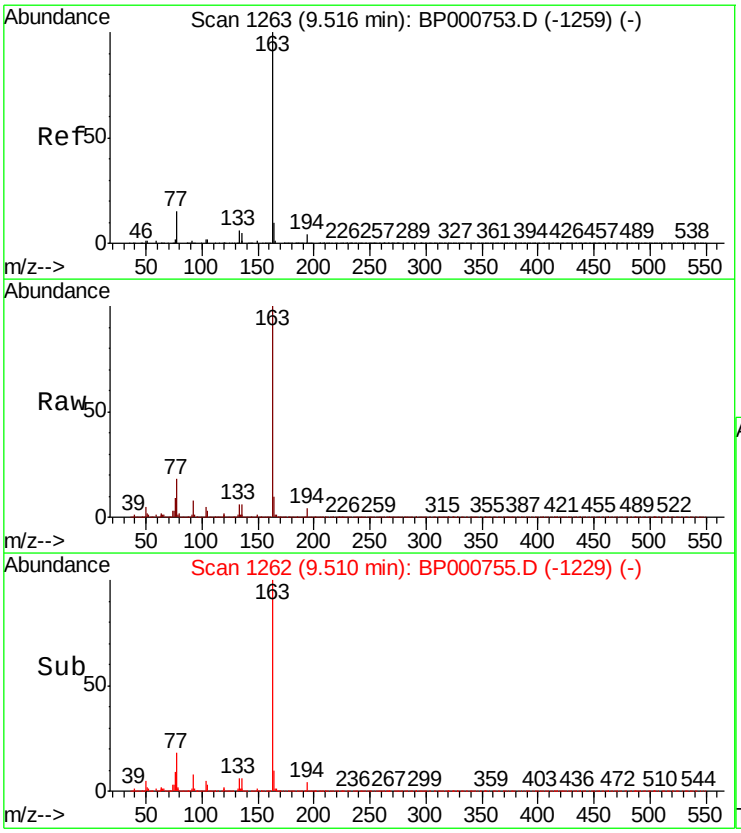
#6
Phenol
Concen: 1.793 ng/ul
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion: 94 Resp: 30486

Ion	Ratio	Lower	Upper
94	100		
65	22.8	19.2	28.8
66	32.3	25.7	38.5

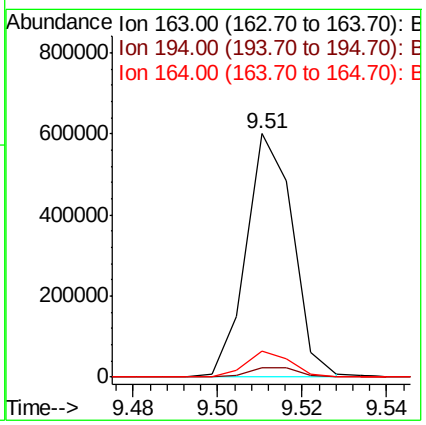


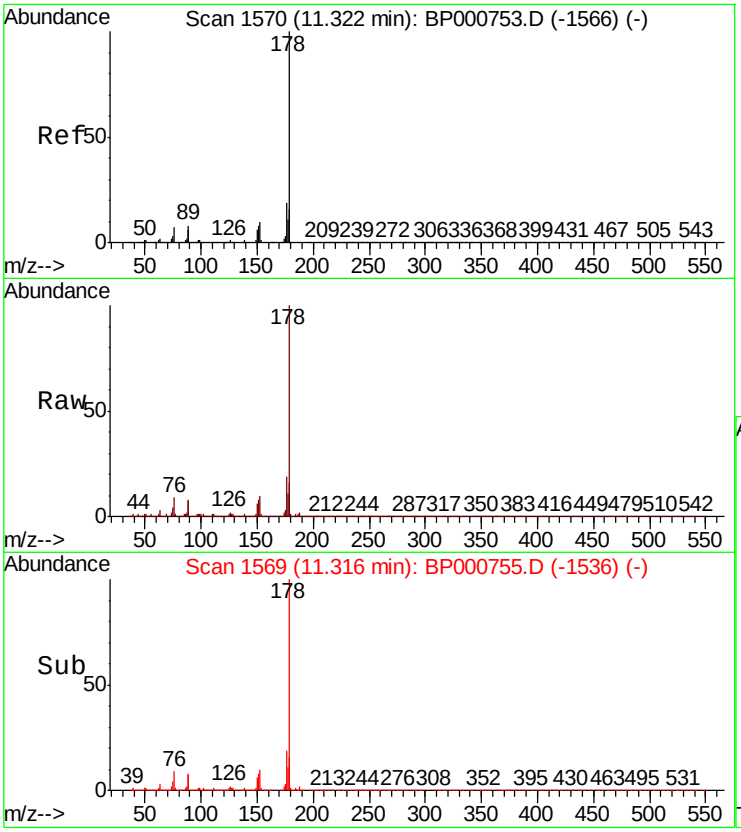


#45
Dimethylphthalate
Concen: 13.455 ng/ul
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Tgt Ion:163 Resp: 460336

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.1	12.1



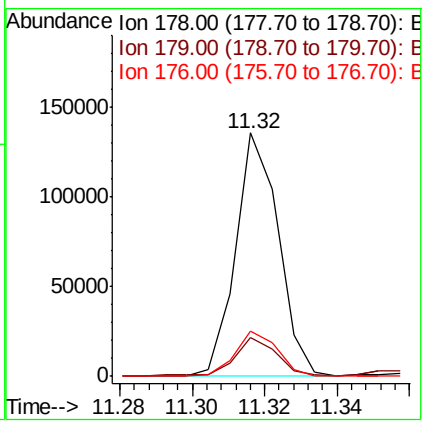


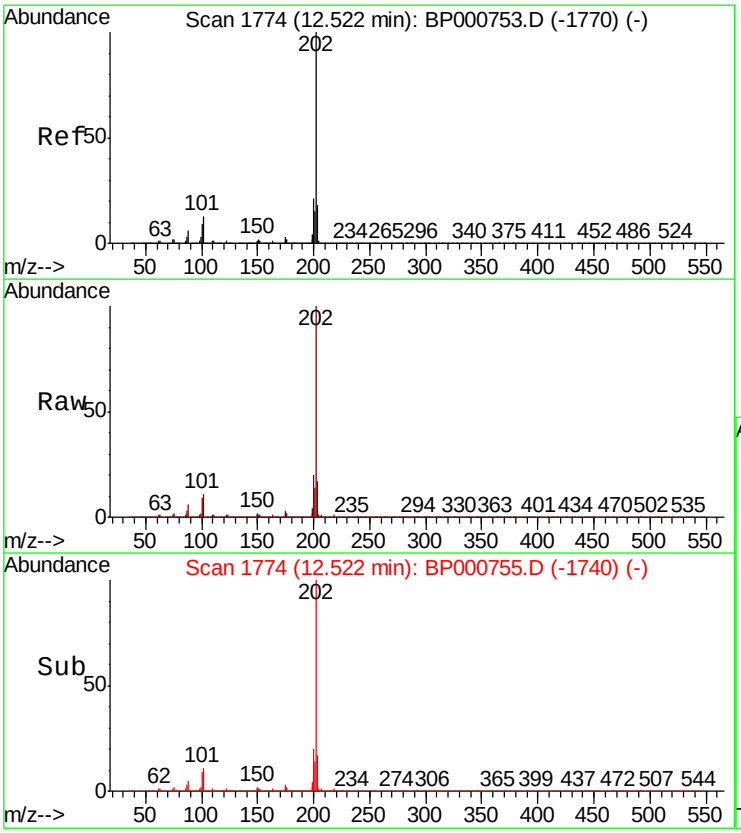
#70
Phenanthrene
Concen: 2.215 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion:178 Resp: 110858

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.7	15.4	23.2

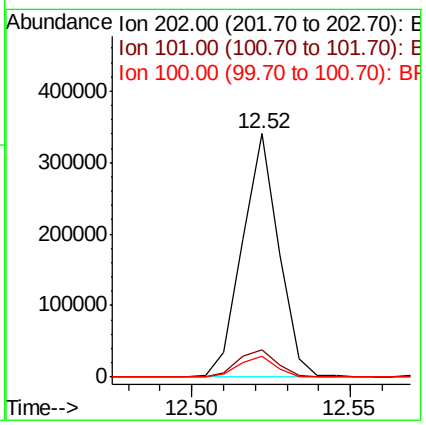


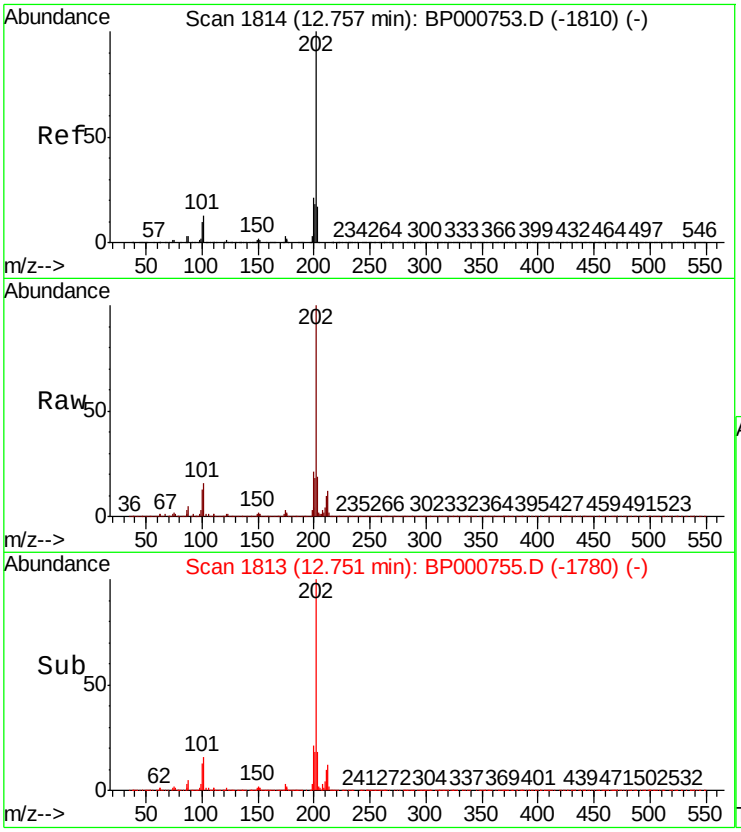


#77
Fluoranthene
Concen: 5.286 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Tgt Ion:202 Resp: 271114

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.6
100	8.7	7.2	10.8



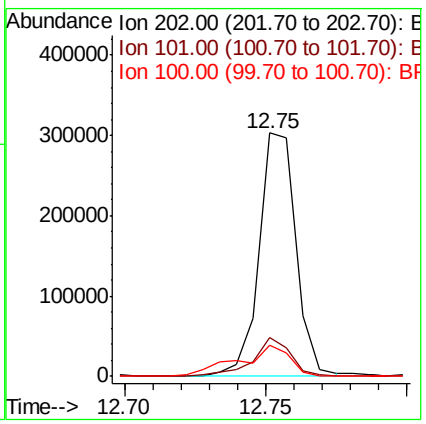


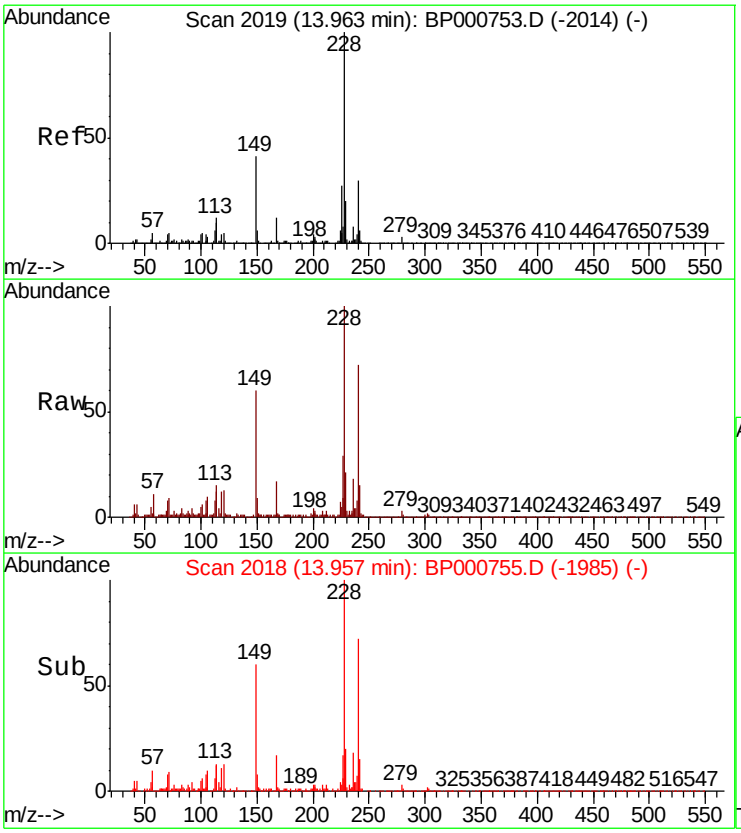
#80
Pyrene
Concen: 4.774 ng/ul
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion:202 Resp: 273066

Ion	Ratio	Lower	Upper
202	100		
101	16.2	9.7	14.5#
100	12.7	7.8	11.8#

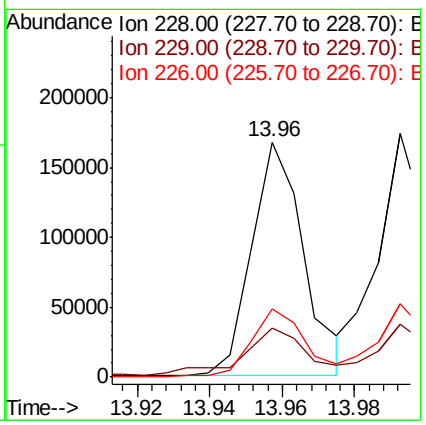


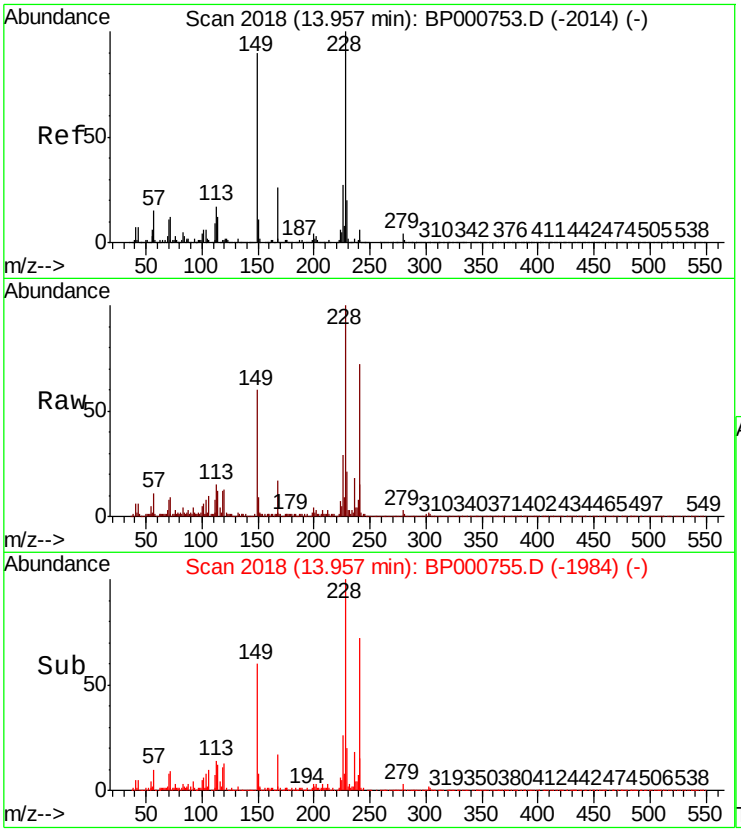


#83
Benzo(a)anthracene
Concen: 3.050 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Tgt Ion:228 Resp: 165034

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.9	21.8	32.8



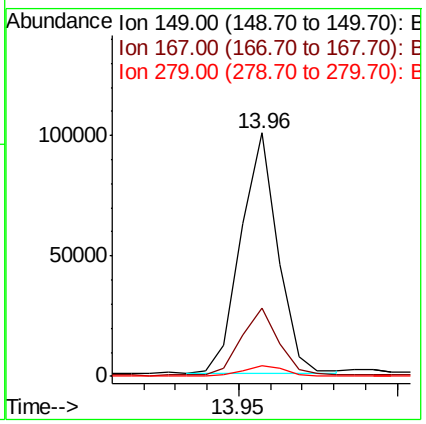


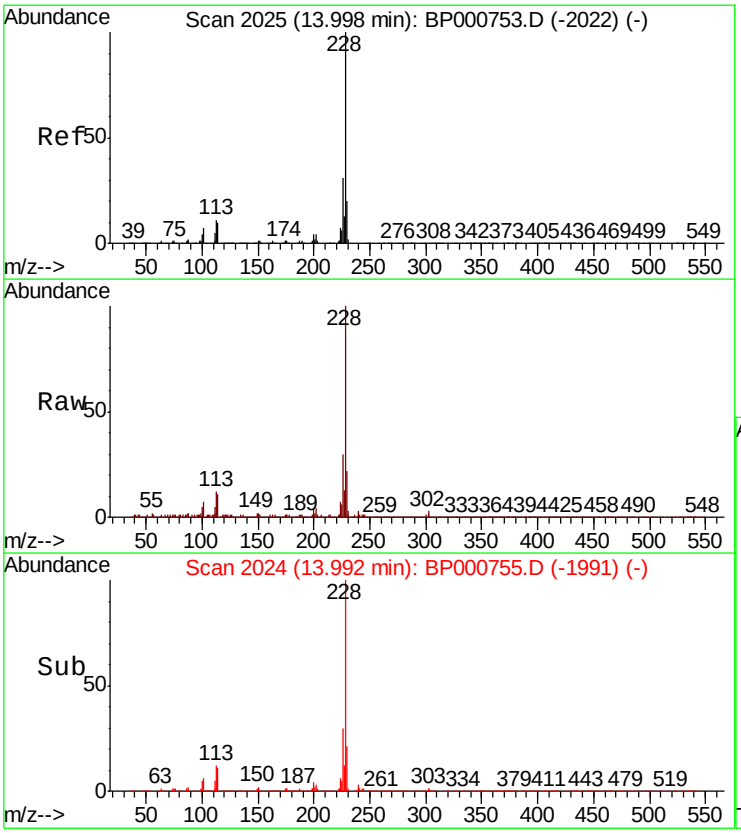
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.591 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion:149 Resp: 80505

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.3	33.5
279	4.4	3.2	4.8

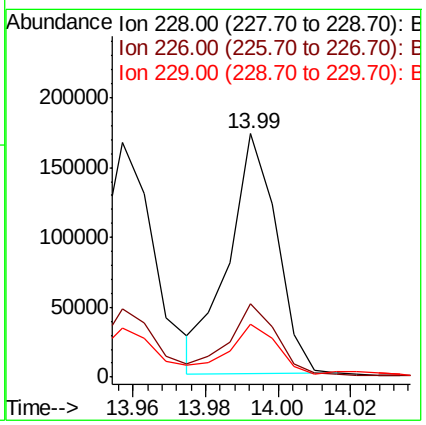


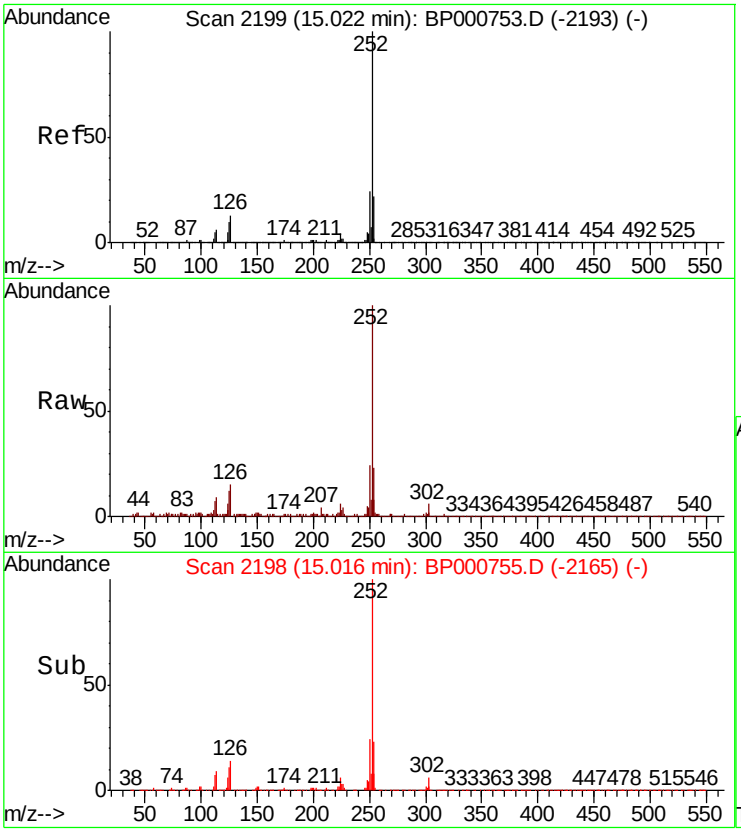


#85
Chrysene
Concen: 3.129 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Tgt Ion:228 Resp: 157337

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.9	15.8	23.6



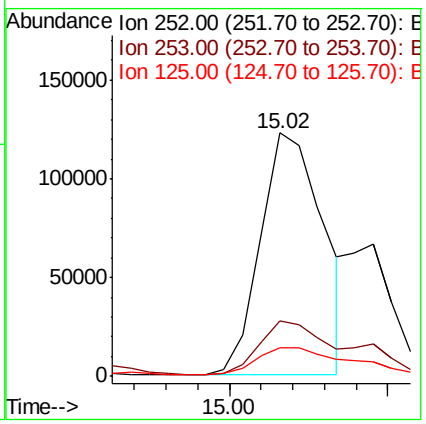


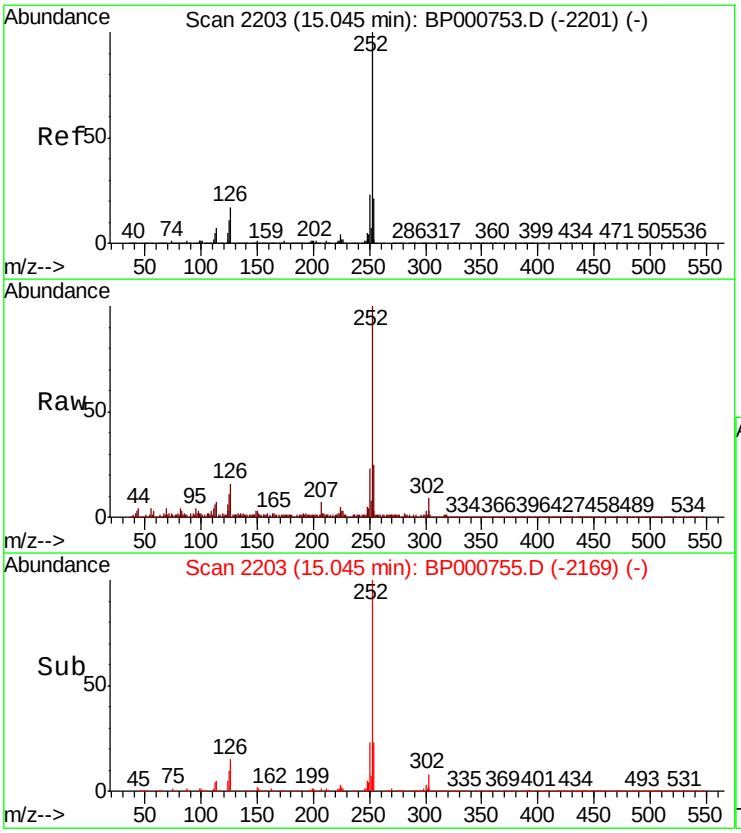
#88
Benzo(b)fluoranthene
Concen: 3.507 ng/ul
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion:252 Resp: 169450

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	12.0	8.7	13.1

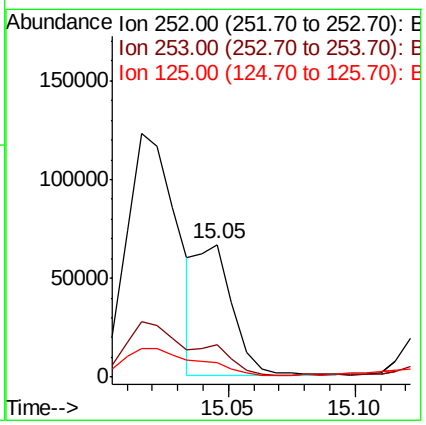


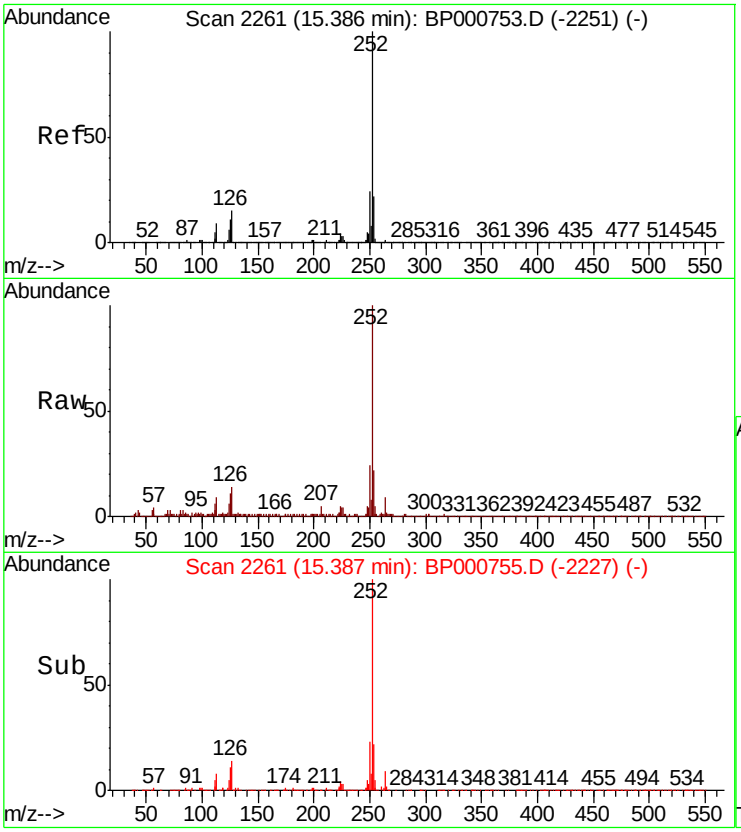


#89
Benzo(k)fluoranthene
Concen: 1.425 ng/ul
RT: 15.05 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Tgt Ion:252 Resp: 65550

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	10.9	8.2	12.4



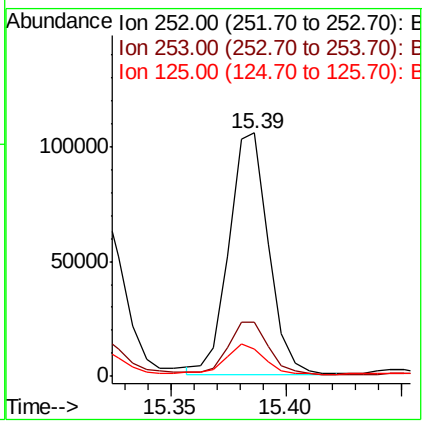


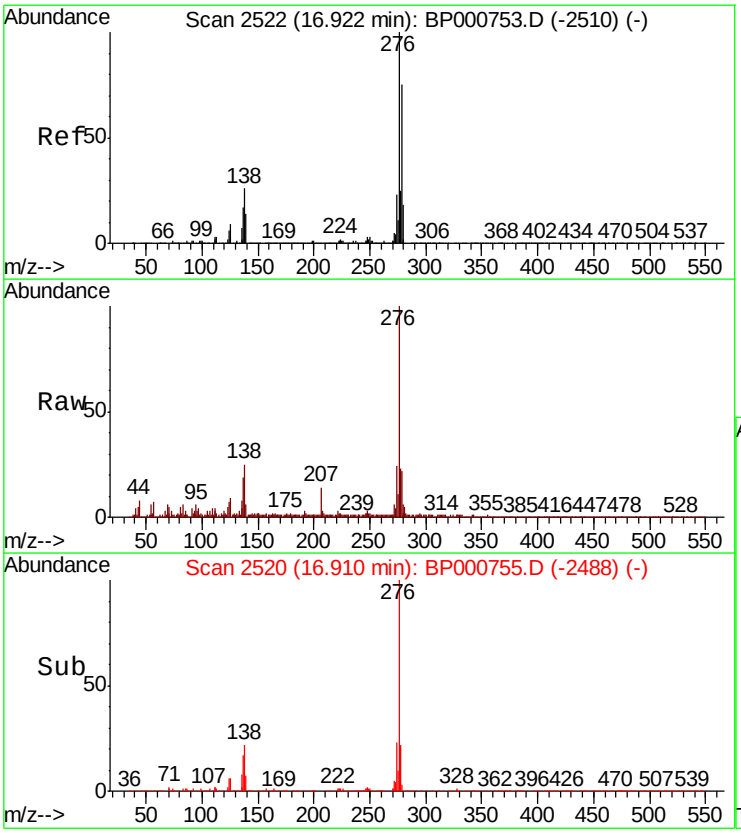
#91
Benzo(a)pyrene
Concen: 2.751 ng/ul
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion:252 Resp: 125862

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.5	9.7	14.5

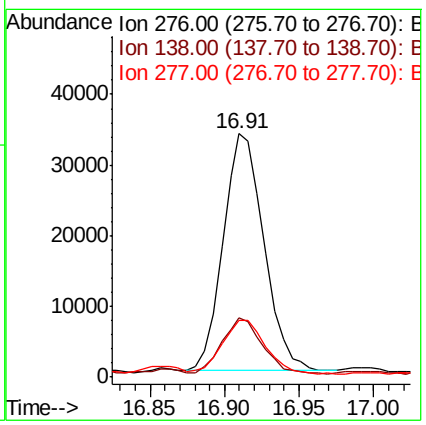


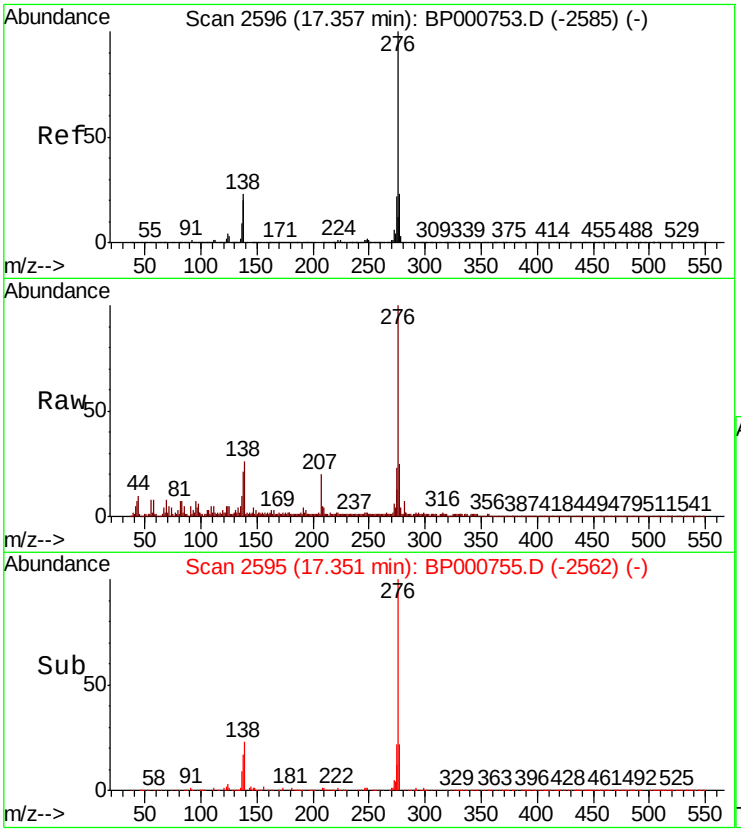


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.212 ng/ul
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Tgt Ion:276 Resp: 63535

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.0	30.0
277	23.4	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.141 ng/ul
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BP000755.D
Acq: 15 Oct 2019 10:56

Instrument :
BNA_P
ClientSampleId :
BEP84

Tgt Ion:276 Resp: 49804

Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.4	27.6
277	25.2	19.4	29.0