Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004240.D
Acq On : 11 Dec 2020 22:01
Operator : CG/JU
Sample : L5000-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54A6

Quant Time: Dec 12 00:00:59 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	7.83	152	379278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1516654	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	904424	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1962829	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2029609	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2238518	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	21658	2.01	ng/uL	0.00
5) Phenol-d5	6.99	99	437144	13.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	265730	13.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	351432	14.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	333770	14.08	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	174310	14.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	158730	15.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	325468	14.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	417019	14.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1001587	14.49	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1340089	15.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	120496	10.32	ng/ul	0.00
58) Fluorene-d10	15.47	176	909244	14.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	75360	8.00	ng/ul	0.00
71) Anthracene-d10	17.33	188	1479017	15.46	ng/ul	0.00
79) Pyrene-d10	19.57	212	1757575	16.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1915719	16.25	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.93	163	218000	3.096	ng/ul	97
50) Acenaphthene	14.54	153	98909	1.596	ng/ul	97
59) Fluorene	15.53	166	114636	1.641	ng/ul	96
70) Phenanthrene	17.27	178	1812414	15.651	ng/ul	100
72) Anthracene	17.36	178	393110	3.431	ng/ul	99
75) Carbazole	17.63	167	200100	2.146	ng/ul	99
77) Fluoranthene	19.25	202	2987527	24.162	ng/ul	99
80) Pyrene	19.60	202	2644753	19.318	ng/ul	99
83) Benzo(a)anthracene	21.31	228	1311333	9.802	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	219815	3.592	ng/ul#	98
85) Chrysene	21.36	228	1318198	10.044	ng/ul	98
88) Benzo(b)fluoranthene	22.96	252	1647211	11.603	ng/ul	98
89) Benzo(k)fluoranthene	22.96	252	1647211	11.298	ng/ul	97
91) Benzo(a)pyrene	23.57	252	1128587	8.519	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.08	276	742081	4.467	ng/ul	97
93) Dibenzo(a,h)anthracene	26.09	278	185245	1.330	ng/ul#	88
94) Benzo(g,h,i)perylene	26.82	276	630368	4.523	ng/ul	98

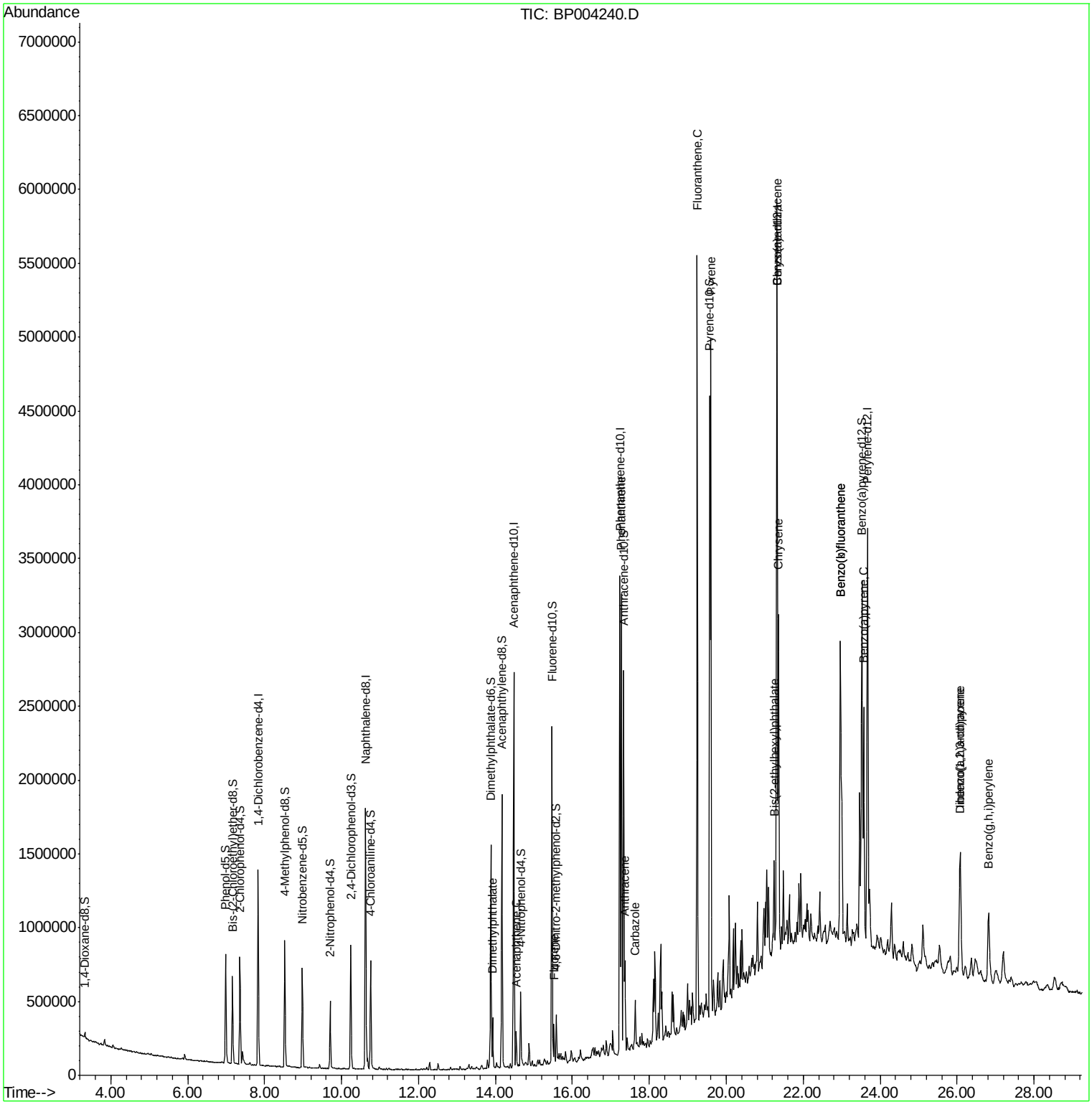
(#) = qualifier out of range (m) = manual integration (+) = signals summed

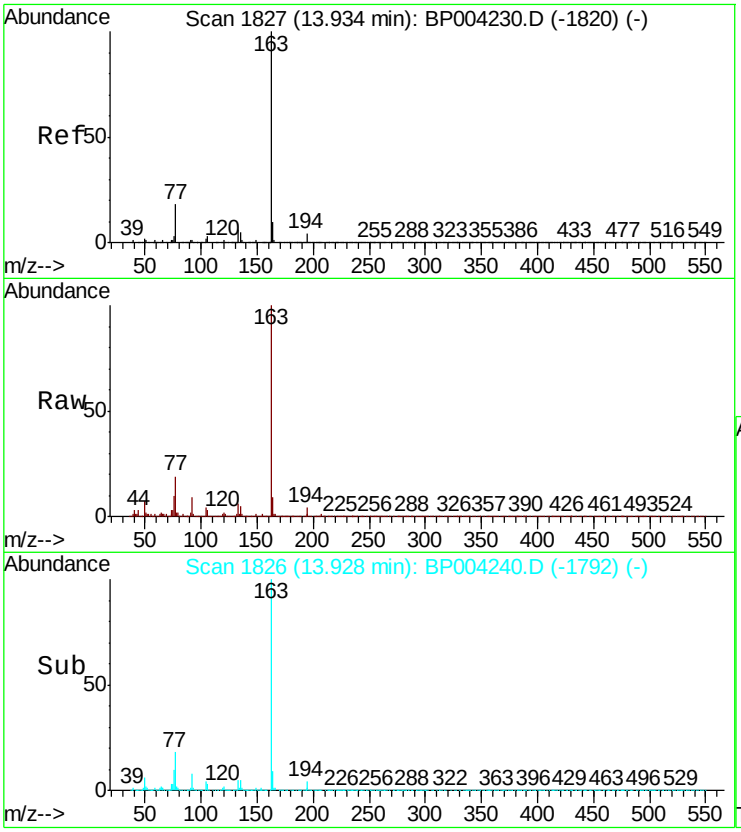
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004240.D
Acq On : 11 Dec 2020 22:01
Operator : CG/JU
Sample : L5000-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A6

Quant Time: Dec 12 00:00:59 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



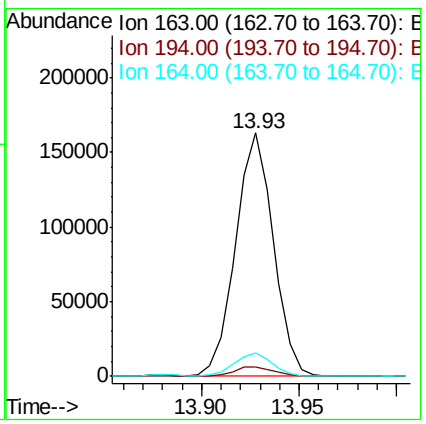


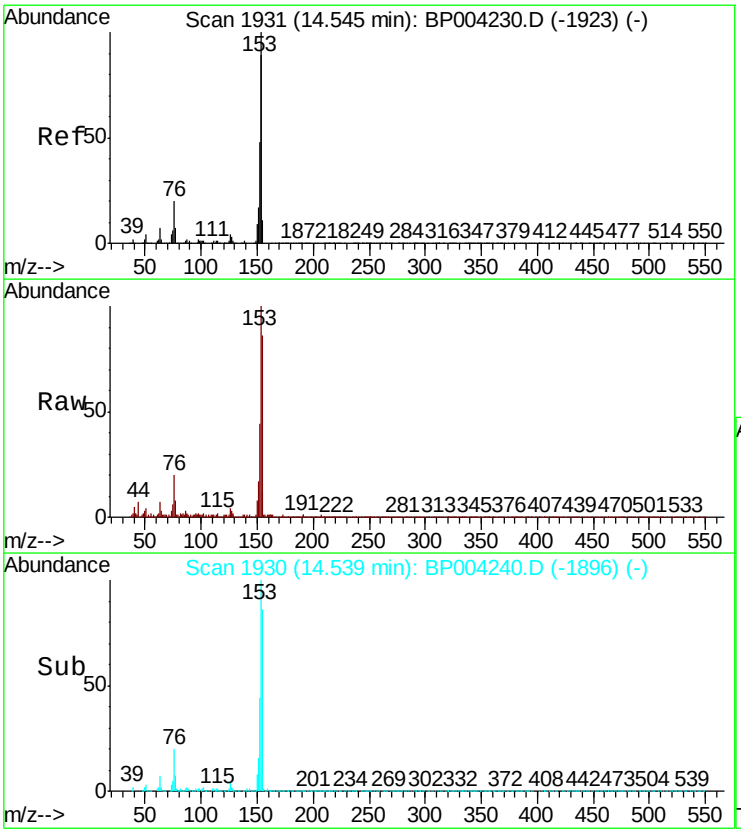
#45
Dimethylphthalate
Concen: 3.096 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:163 Resp: 218000

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.4	8.4	12.6

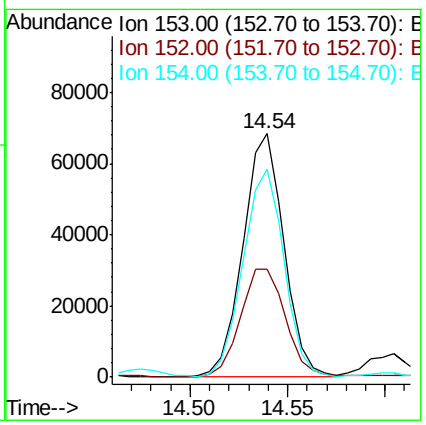


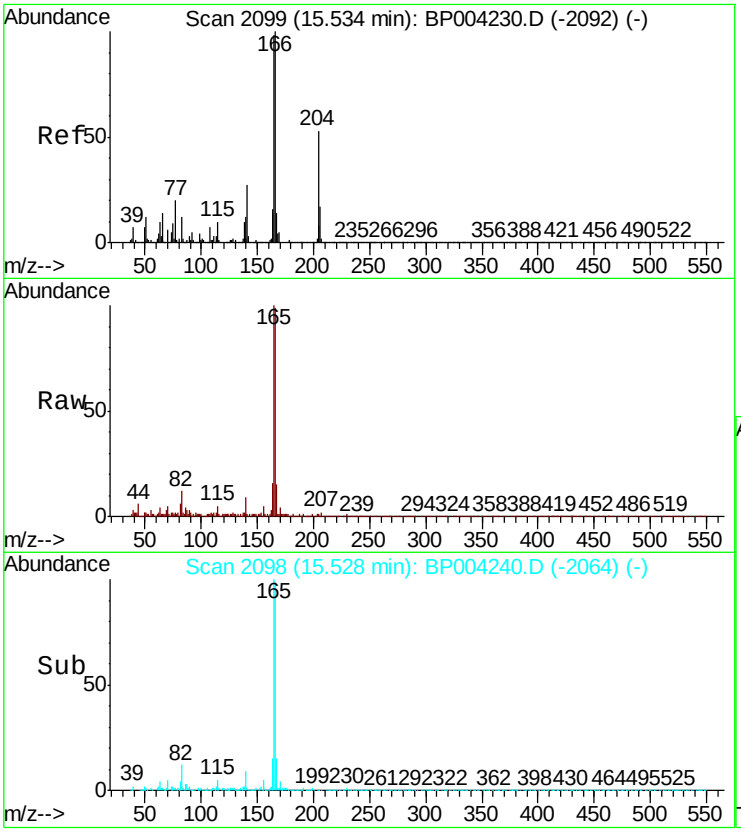


#50
Acenaphthene
Concen: 1.596 ng/ul
RT: 14.54 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:153 Resp: 98909

Ion	Ratio	Lower	Upper
153	100		
152	44.1	37.8	56.6
154	85.6	69.8	104.8



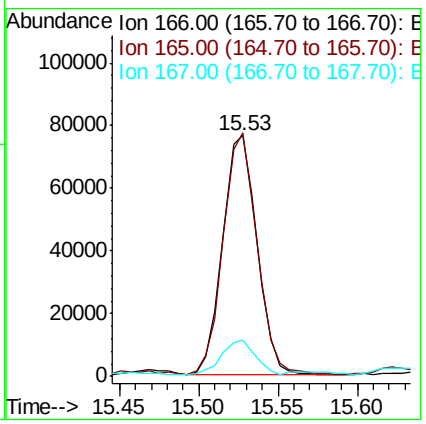


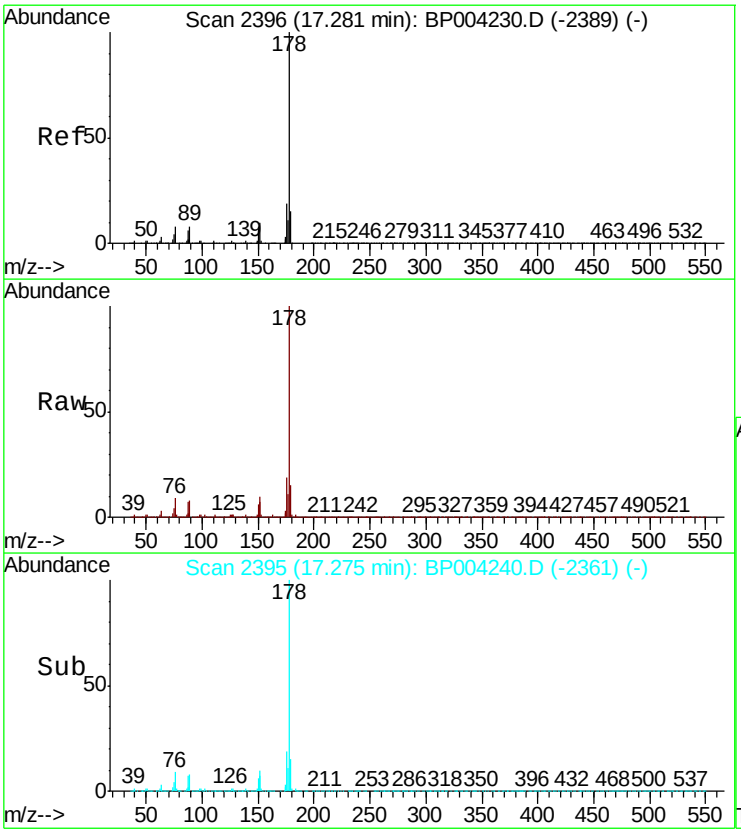
#59
Fluorene
Concen: 1.641 ng/ul
RT: 15.53 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:166 Resp: 114636

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.2
167	15.3	10.8	16.2

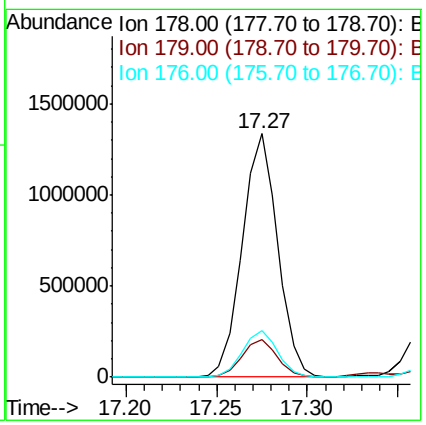


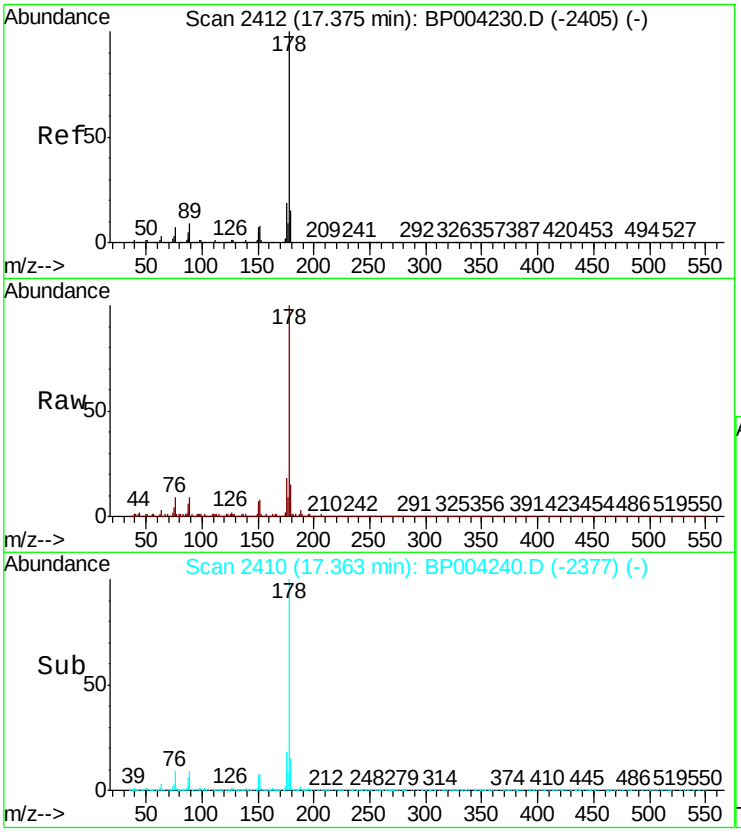


#70
Phenanthrene
Concen: 15.651 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:178 Resp: 1812414

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.3	15.4	23.0



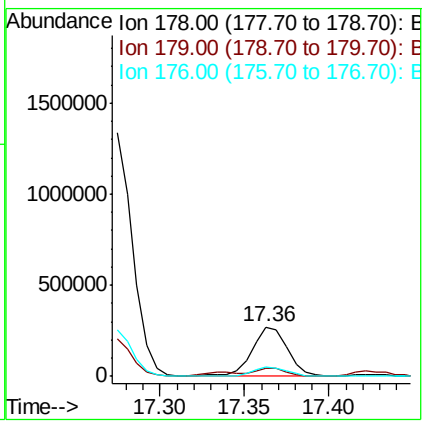


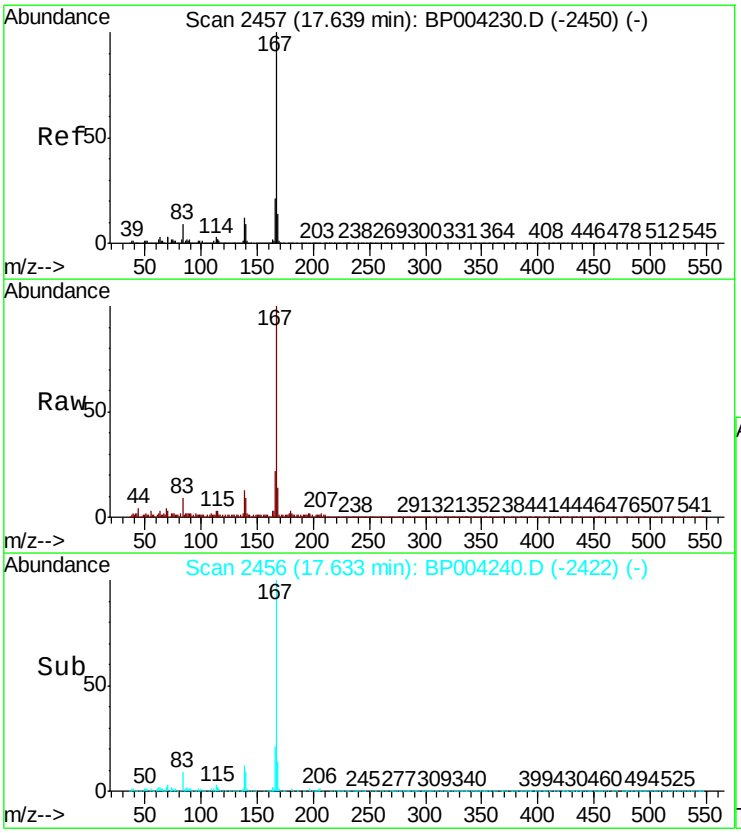
#72
Anthracene
Concen: 3.431 ng/ul
RT: 17.36 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:178 Resp: 393110

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	14.9	22.3

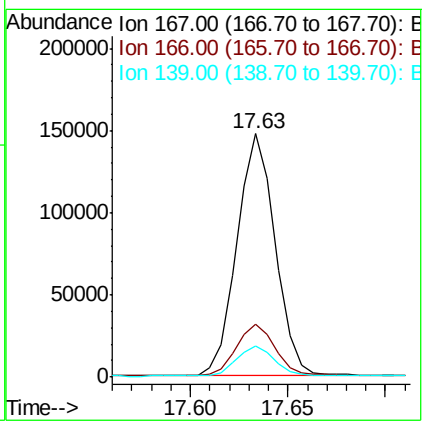


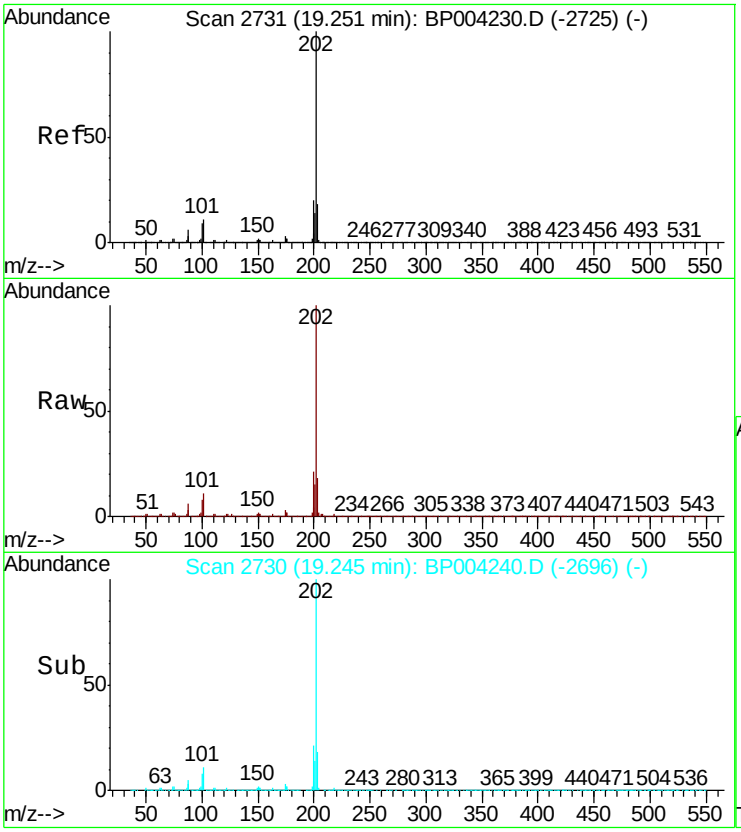


#75
Carbazole
Concen: 2.146 ng/ul
RT: 17.63 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:167 Resp: 200100

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.5	9.8	14.6



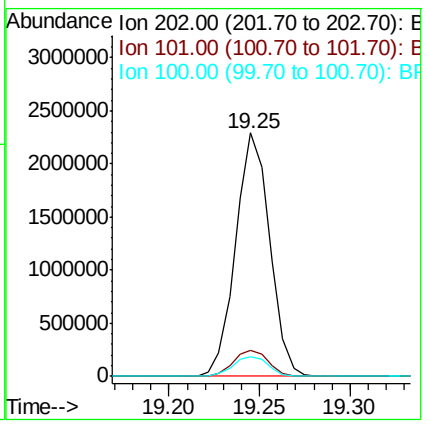


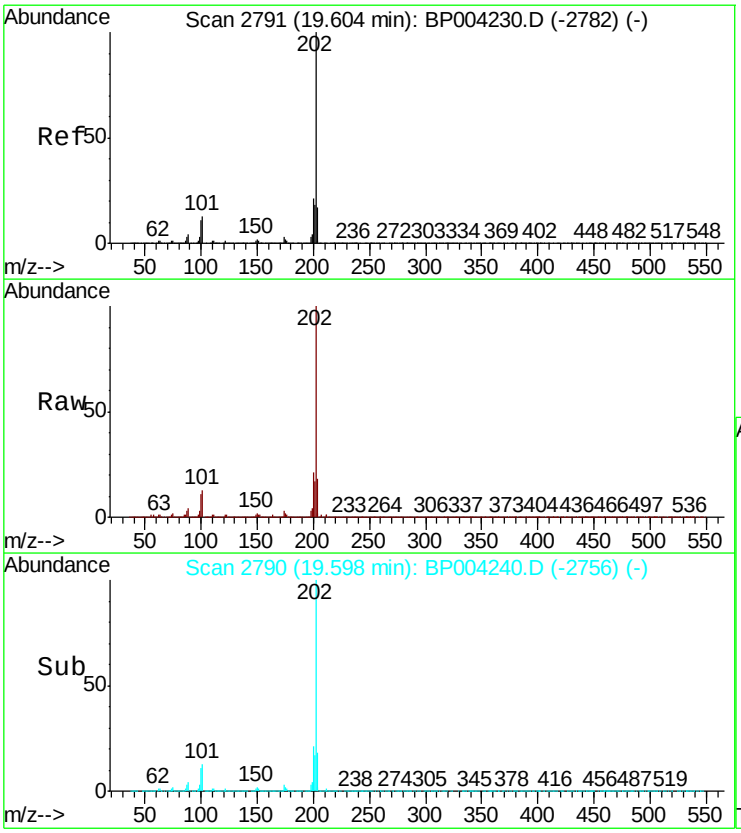
#77
Fluoranthene
Concen: 24.162 ng/ul
RT: 19.25 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:202 Resp: 2987527

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	8.3	7.1	10.7

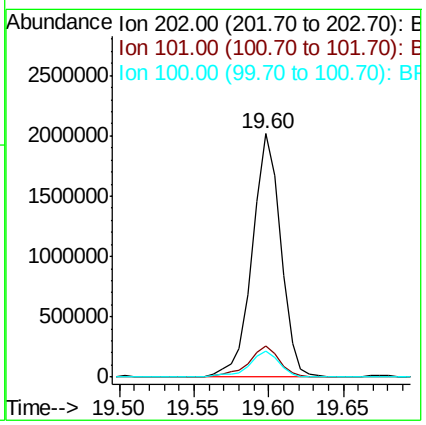


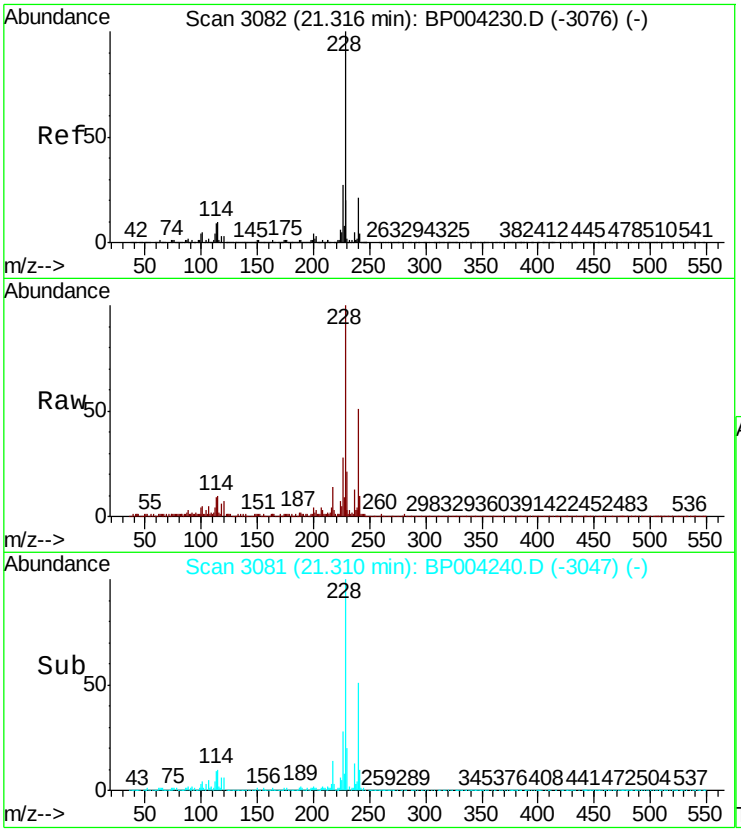


#80
Pyrene
Concen: 19.318 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:202 Resp: 2644753

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	10.5	8.6	12.8



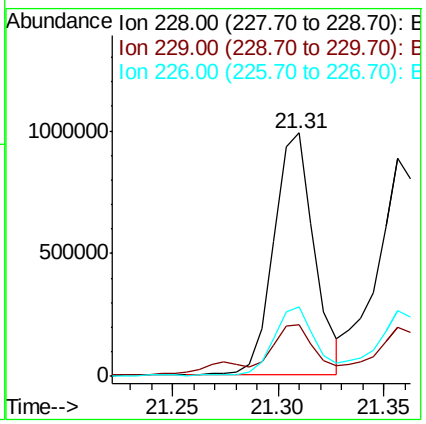


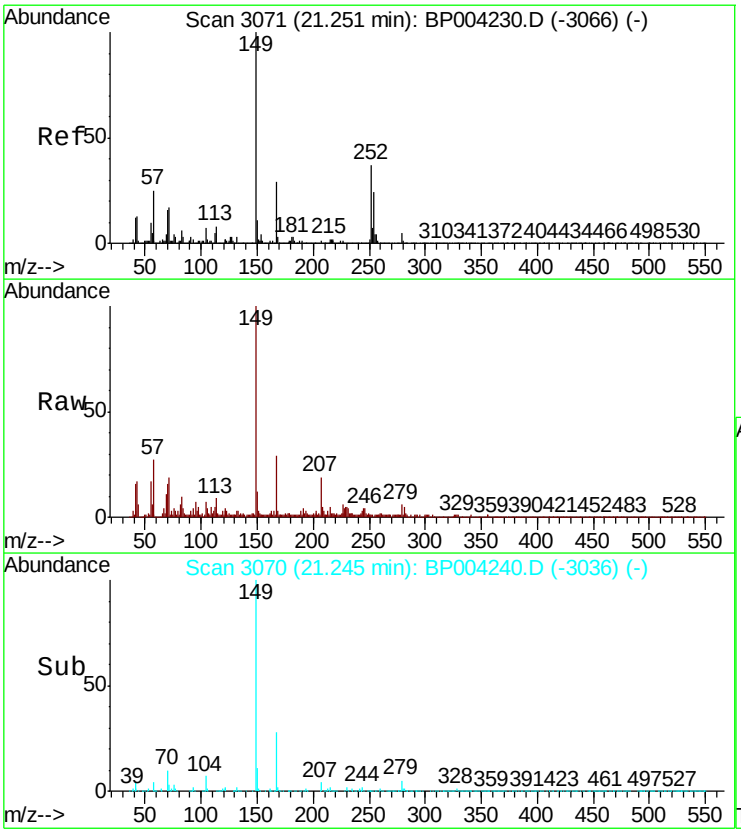
#83
Benzo(a)anthracene
Concen: 9.802 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:228 Resp: 1311333

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.3	21.7	32.5

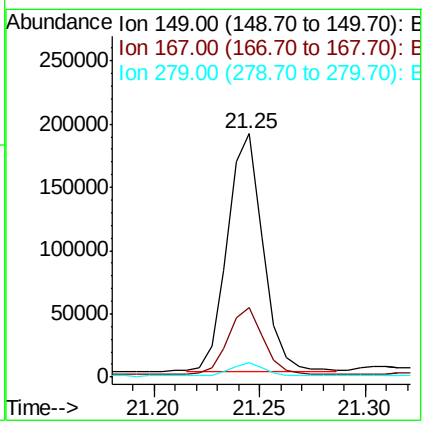


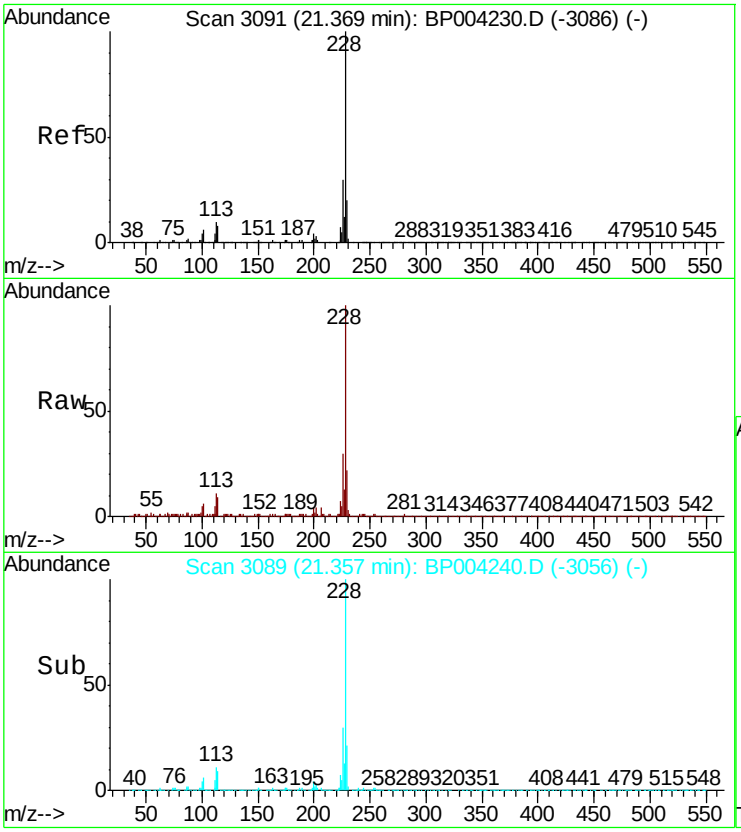


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.592 ng/ul
RT: 21.25 min Scan# 3070
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:149 Resp: 219815

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	5.7	3.6	5.4#



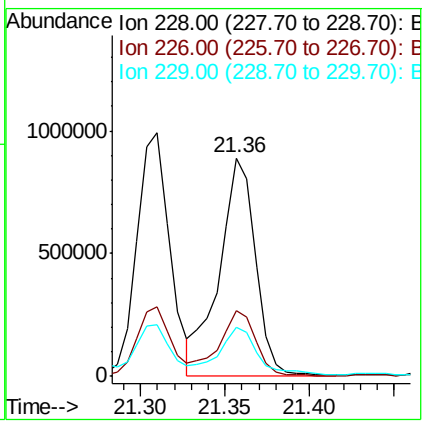


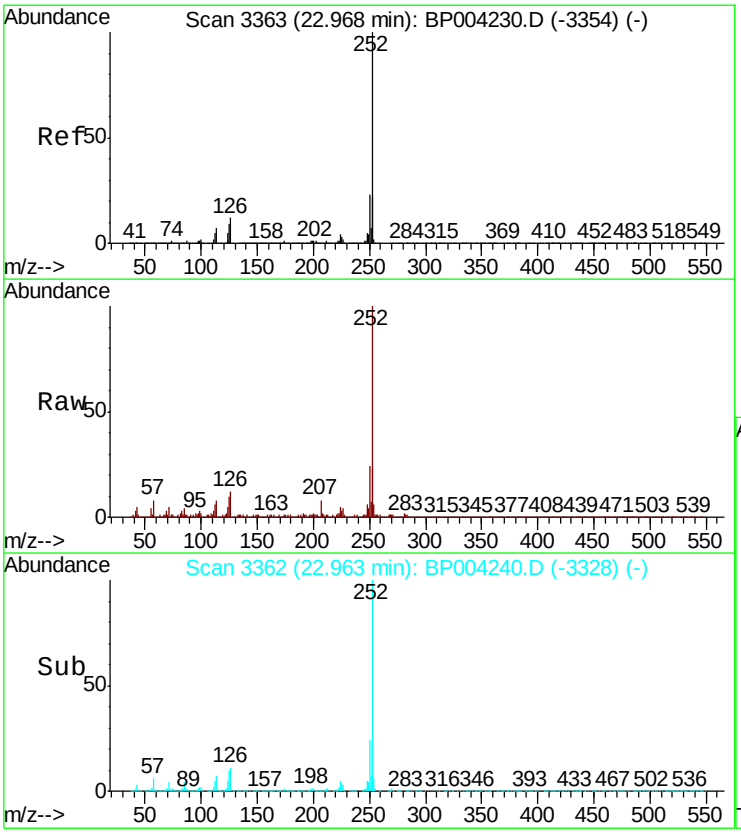
#85
Chrysene
Concen: 10.044 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:228 Resp: 1318198

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	22.2	15.8	23.8

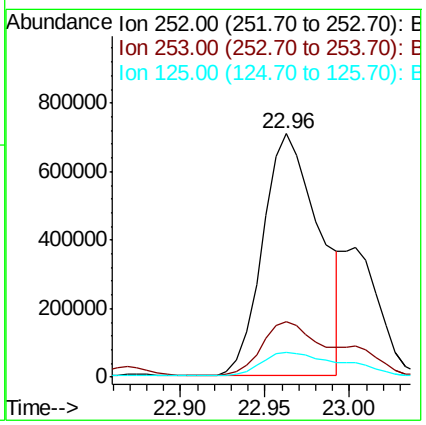


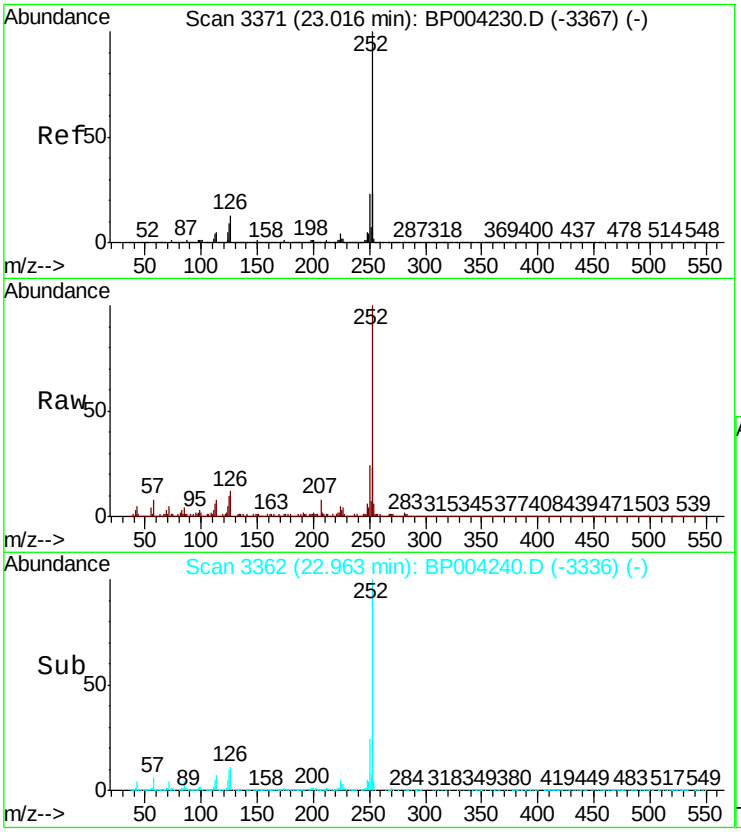


#88
Benzo(b)fluoranthene
Concen: 11.603 ng/ul
RT: 22.96 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:252 Resp: 1647211

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.3	7.7	11.5



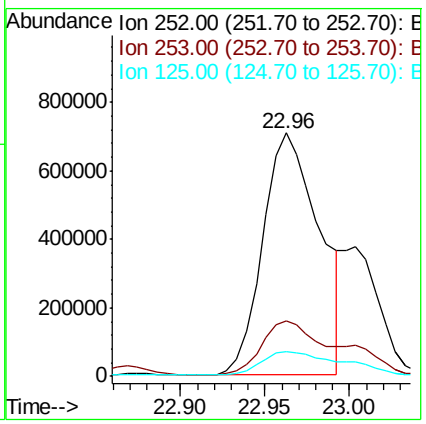


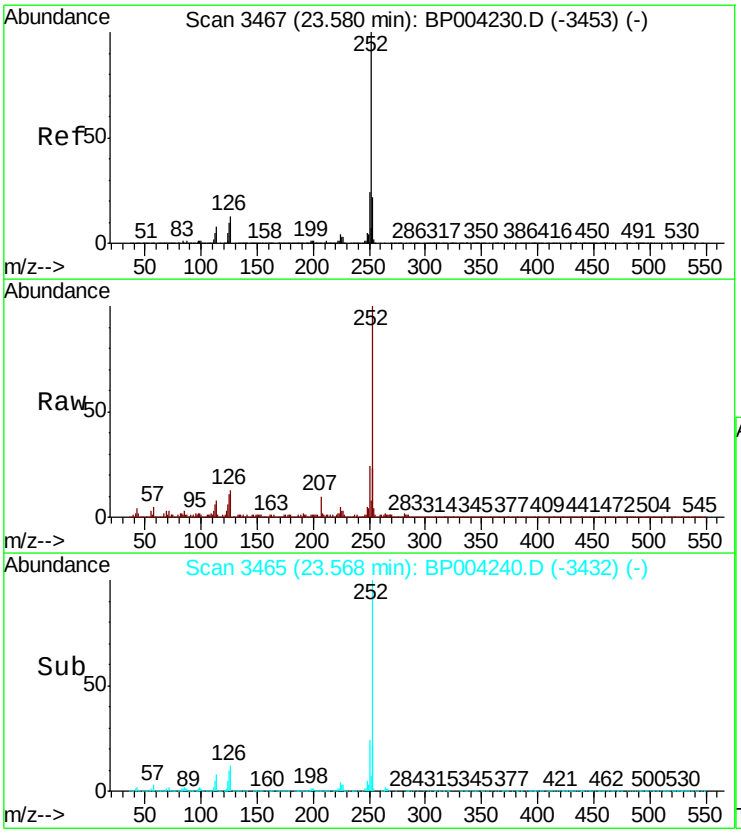
#89
Benzo(k)fluoranthene
Concen: 11.298 ng/ul
RT: 22.96 min Scan# 3362
Delta R.T. -0.05 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:252 Resp: 1647211

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.3	7.3	10.9

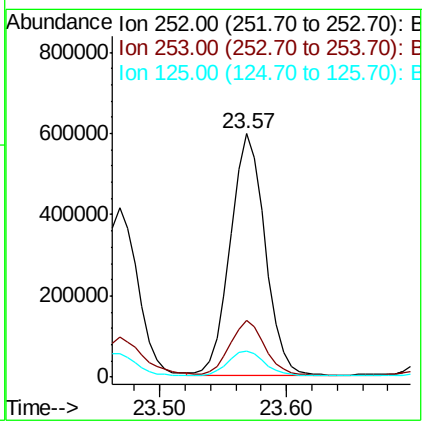


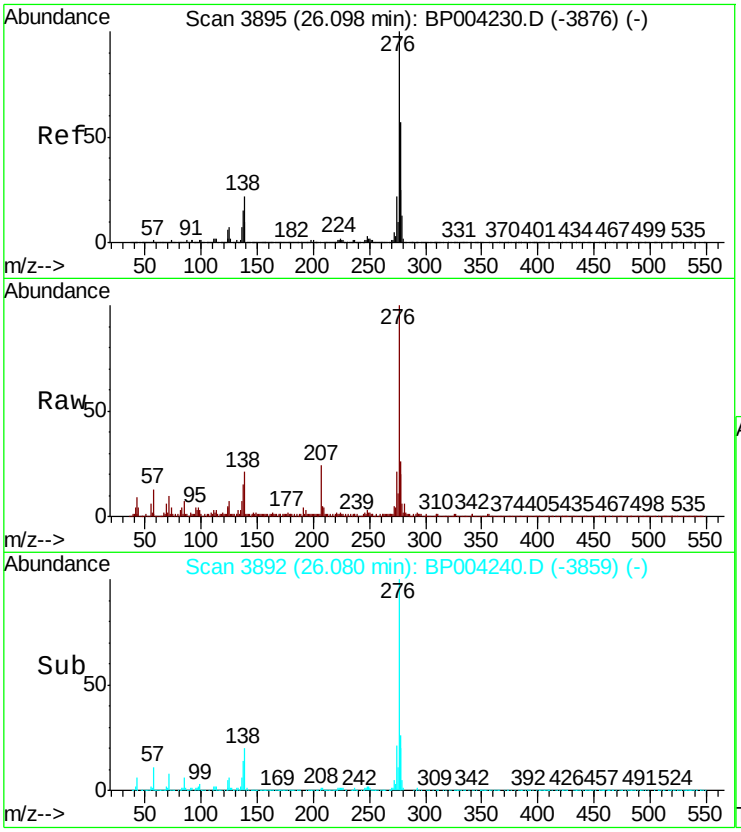


#91
Benzo(a)pyrene
Concen: 8.519 ng/ul
RT: 23.57 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:252 Resp: 1128587

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	10.7	7.8	11.6



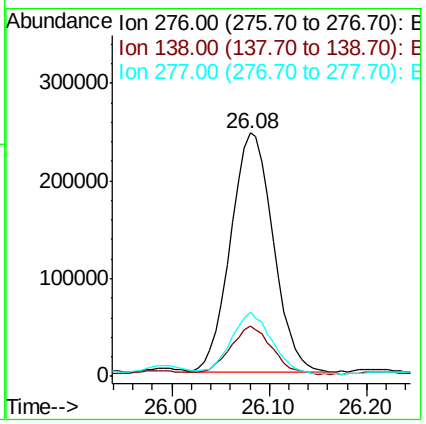


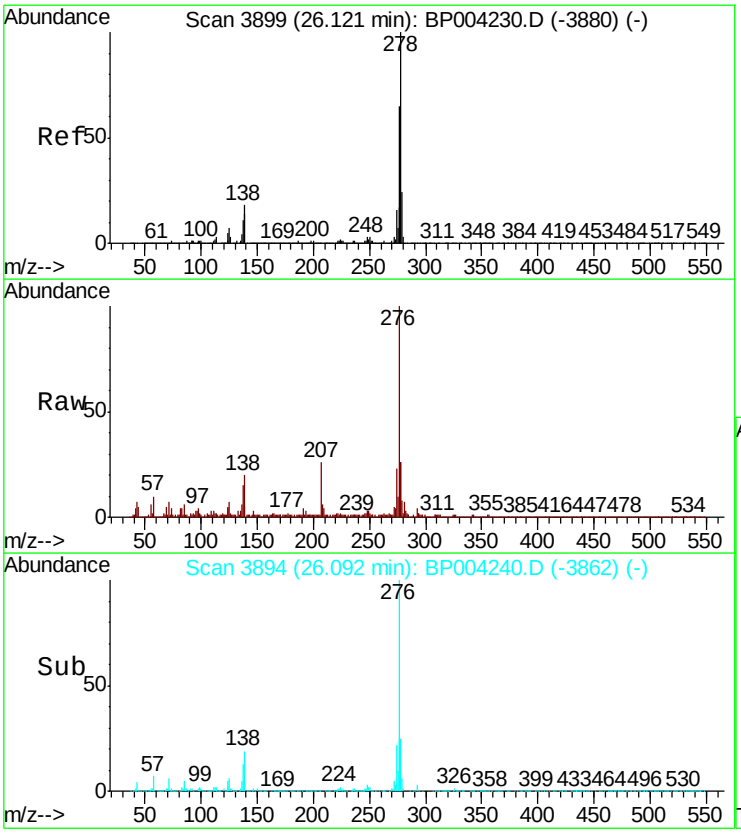
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.467 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:276 Resp: 742081

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.8	26.6
277	26.3	19.8	29.6

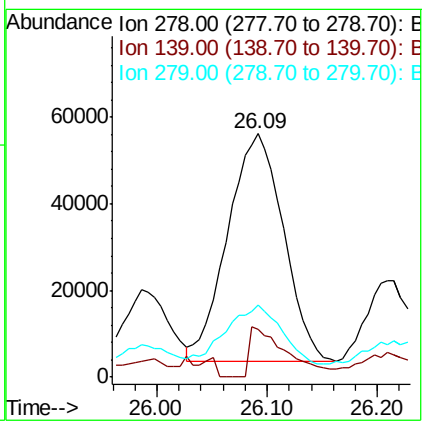


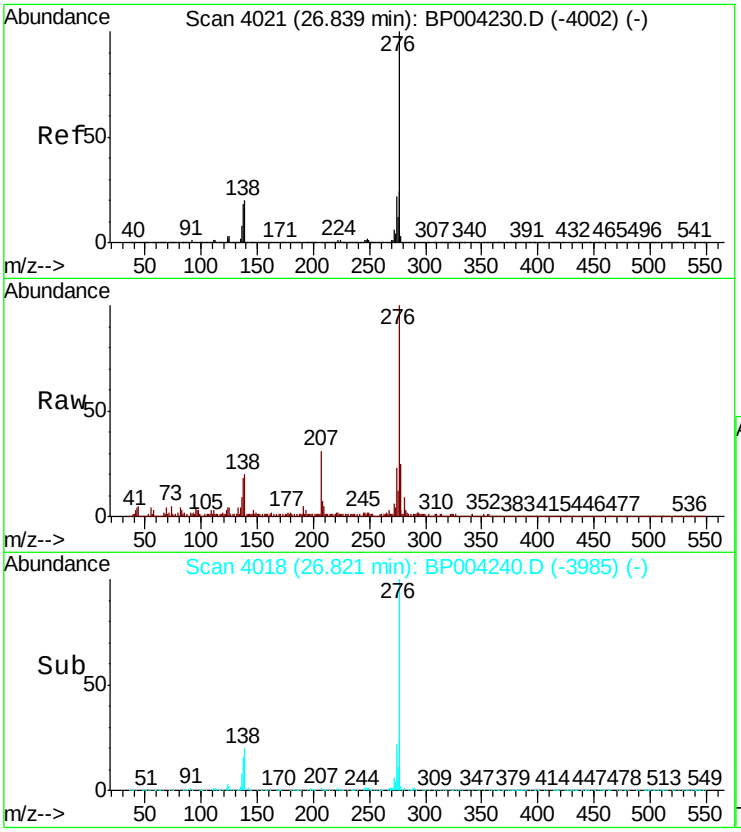


#93
Dibenzo(a,h)anthracene
Concen: 1.330 ng/ul
RT: 26.09 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Tgt Ion:278 Resp: 185245

Ion	Ratio	Lower	Upper
278	100		
139	19.6	11.9	17.9#
279	29.5	18.6	28.0#





#94
Benzo(g,h,i)perylene
Concen: 4.523 ng/ul
RT: 26.82 min Scan# 4018
Delta R.T. -0.01 min
Lab File: BP004240.D
Acq: 11 Dec 2020 22:01

Instrument :
BNA_P
ClientSampleId :
A54A6

Tgt Ion:276 Resp: 630368

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	25.0
277	24.5	18.5	27.7