Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018906.D
Acq On : 18 Dec 2023 14:44
Operator : MA/JU
Sample : 05794-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3P9

Quant Time: Dec 18 21:40:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	308805	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1090473	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	613339	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1305964	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1297241	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1589874	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3790	0.418	ng/uL	0.00
4) Pyridine-d5	3.658	84	80	0.003	ng/ul	-0.02
7) Phenol-d5	7.005	99	57916	1.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	37173	2.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	49197	2.035	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	33369	1.331	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	21855	2.252	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	21566	2.143	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	44741	2.174	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	17634	0.656	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	133761	2.444	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	149767	2.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	11251	1.252	ng/ul	0.01
60) Fluorene-d10	15.451	176	118824	2.586	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	3806	0.486	ng/ul	0.00
73) Anthracene-d10	17.310	188	187849	2.736	ng/ul	0.00
81) Pyrene-d10	19.551	212	228496	2.263	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	243546	2.627	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.651	105	83500	2.234	ng/ul	98
56) Dibenzofuran	14.857	168	63168	1.014	ng/ul	94
61) Fluorene	15.510	166	74960	1.521	ng/ul#	91
72) Phenanthrene	17.251	178	904644	11.469	ng/ul	100
74) Anthracene	17.345	178	217523	2.751	ng/ul	99
77) Carbazole	17.622	167	110666	1.756	ng/ul	99
80) Fluoranthene	19.222	202	1081637	9.062	ng/ul	96
82) Pyrene	19.580	202	932052	7.740	ng/ul#	93
85) Benzo(a)anthracene	21.292	228	448736	4.262	ng/ul	97
87) Chrysene	21.292	228	448736	4.628	ng/ul	97
90) Benzo(b)fluoranthene	22.951	252	590351	5.036	ng/ul#	94
91) Benzo(k)fluoranthene	22.951	252	590351	5.205	ng/ul	95
93) Benzo(a)pyrene	23.568	252	414335	3.868	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.127	276	301212	2.354	ng/ul#	92
96) Benzo(g,h,i)perylene	26.892	276	186862	1.814	ng/ul	96

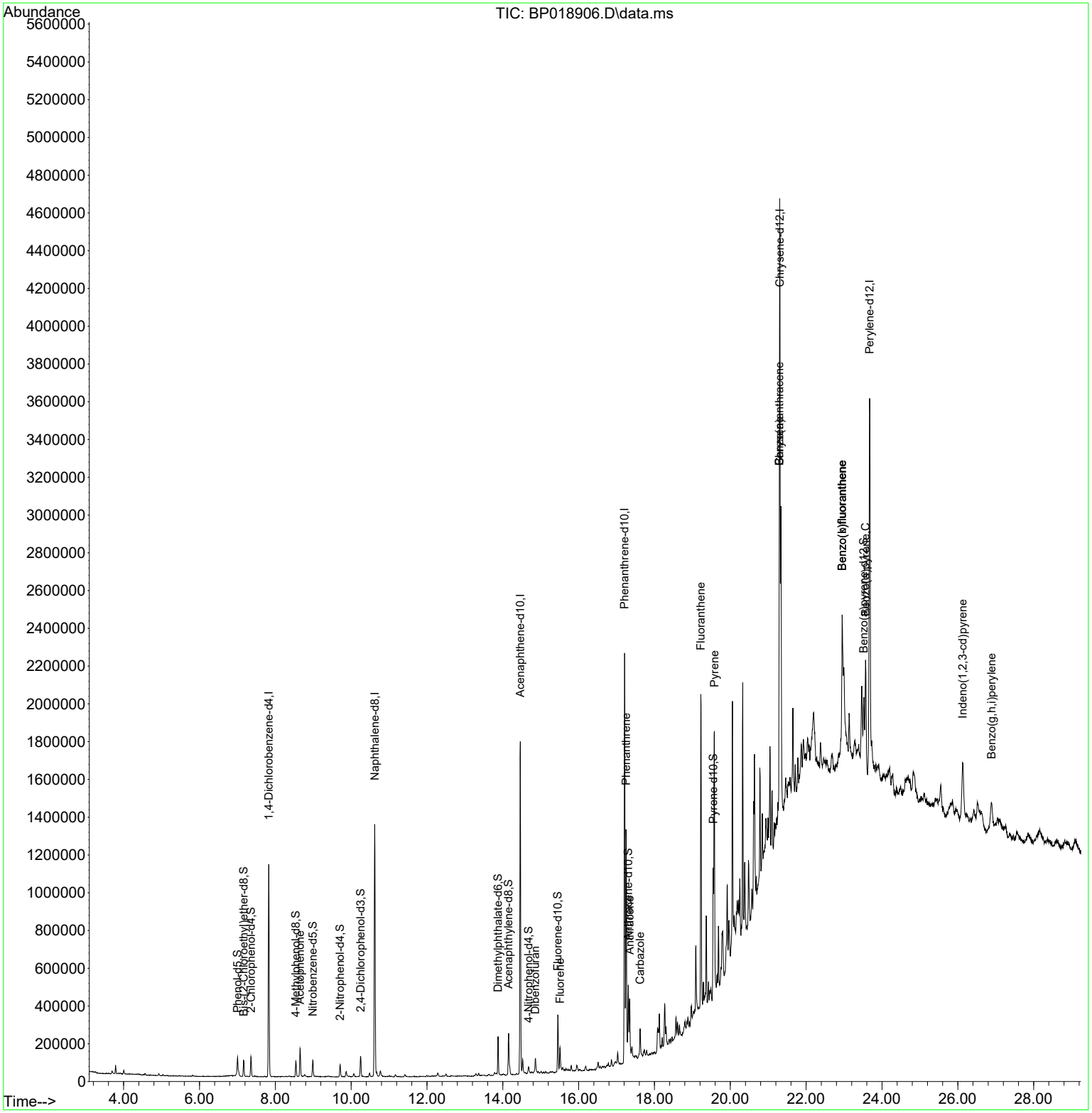
(#) = qualifier out of range (m) = manual integration (+) = signals summed

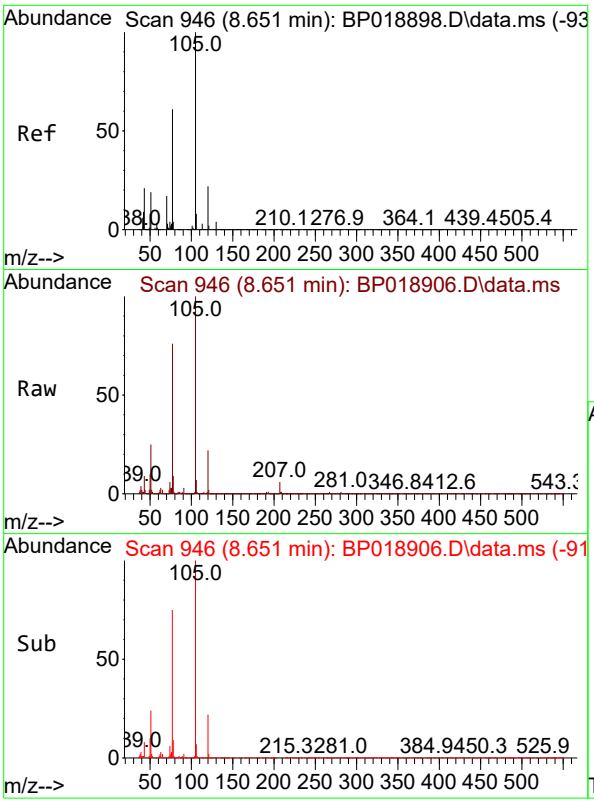
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018906.D
Acq On : 18 Dec 2023 14:44
Operator : MA/JU
Sample : 05794-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3P9

Quant Time: Dec 18 21:40:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration



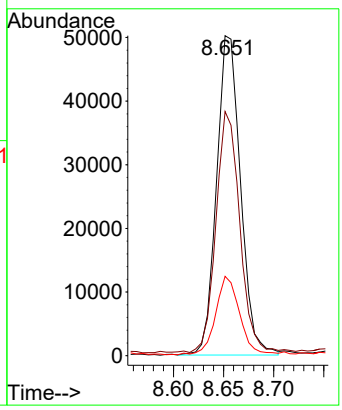


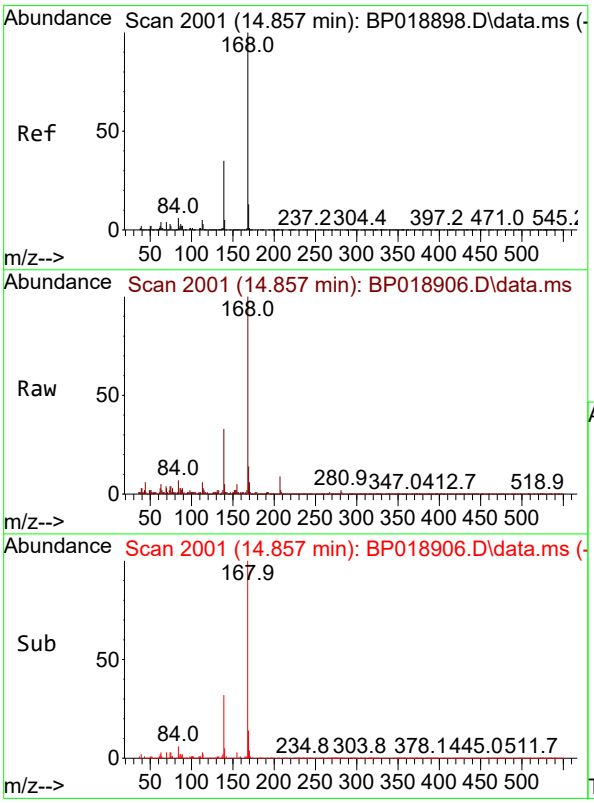
#16
Acetophenone
Concen: 2.234 ng/ul
RT: 8.651 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:105 Resp: 83500

Ion	Ratio	Lower	Upper
105	100		
77	76.3	59.4	89.0
51	24.8	19.4	29.0

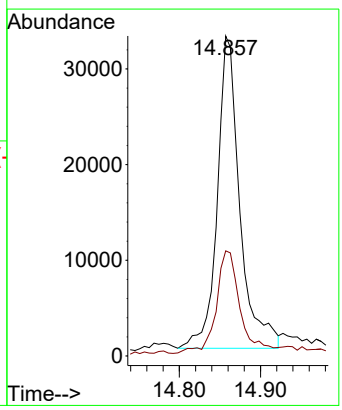


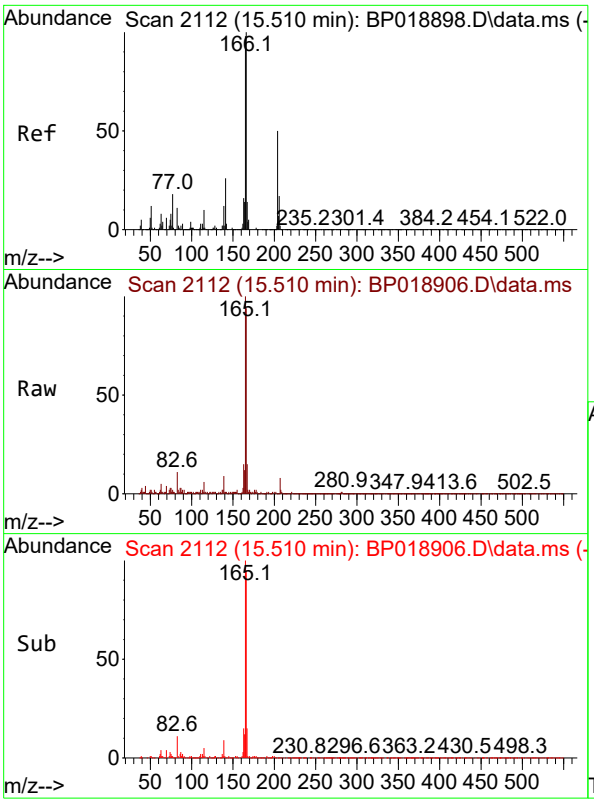


#56
Dibenzofuran
Concen: 1.014 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:168 Resp: 63168

Ion	Ratio	Lower	Upper
168	100		
139	32.8	29.1	43.7



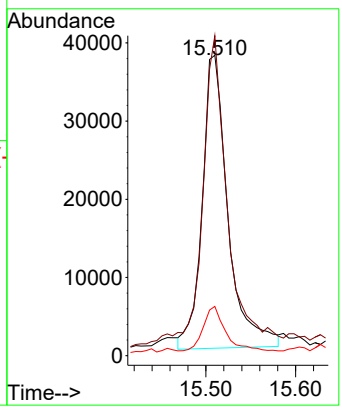


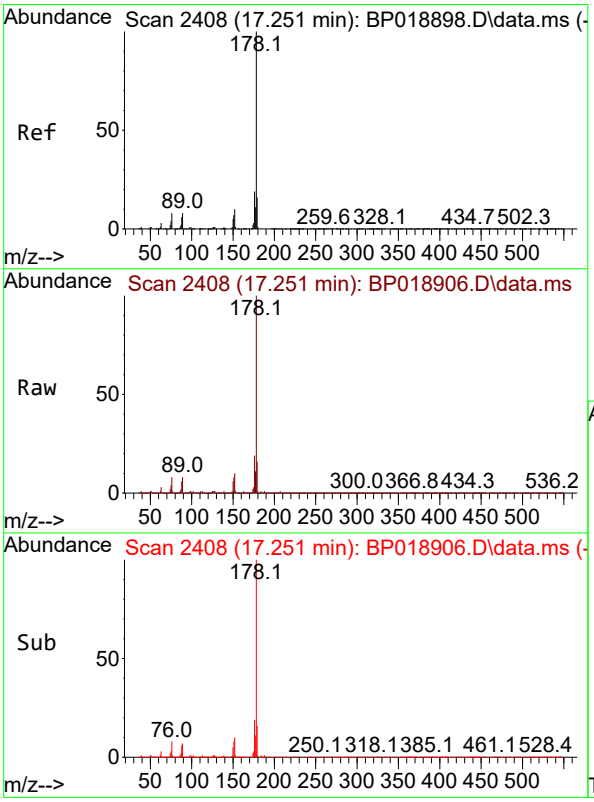
#61
Fluorene
Concen: 1.521 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:166 Resp: 74960

Ion	Ratio	Lower	Upper
166	100		
165	106.5	78.0	117.0
167	16.4	10.8	16.2#

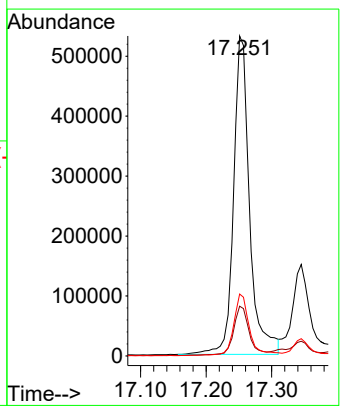


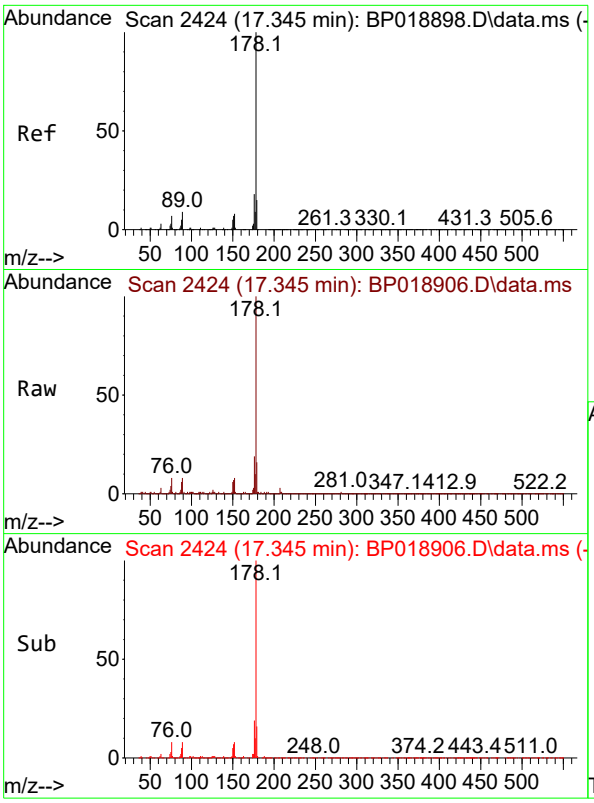


#72
Phenanthrene
Concen: 11.469 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:178 Resp: 904644

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.4	23.2



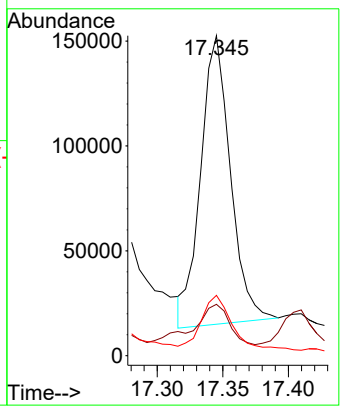


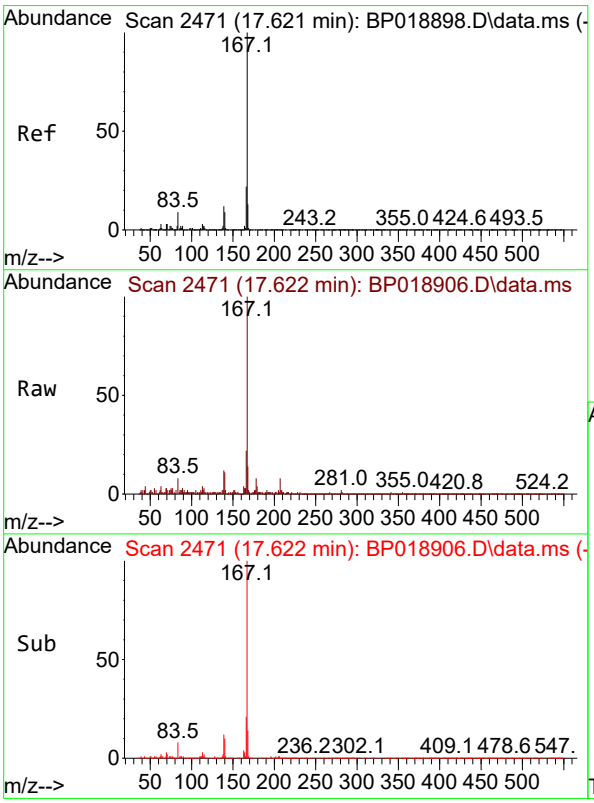
#74
Anthracene
Concen: 2.751 ng/ul
RT: 17.345 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:178 Resp: 217523

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	18.8	15.0	22.6

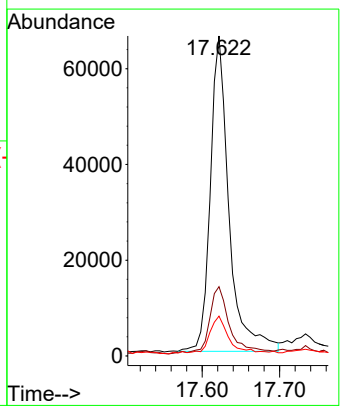


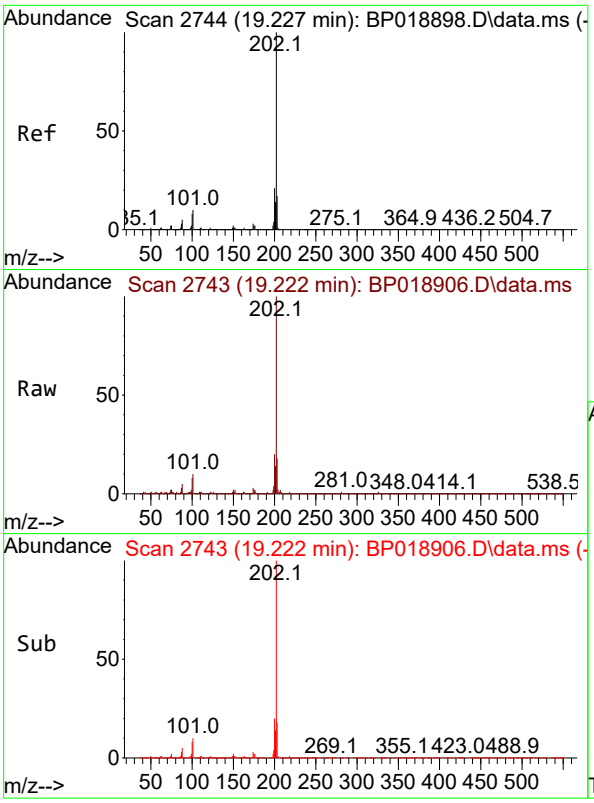


#77
Carbazole
Concen: 1.756 ng/ul
RT: 17.622 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:167 Resp: 110666

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.4	10.2	15.4



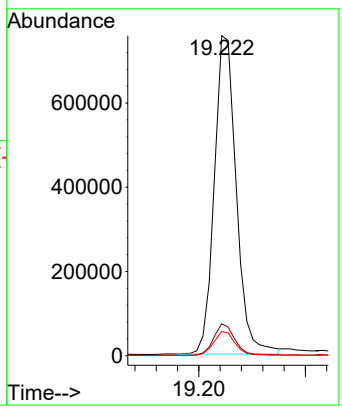


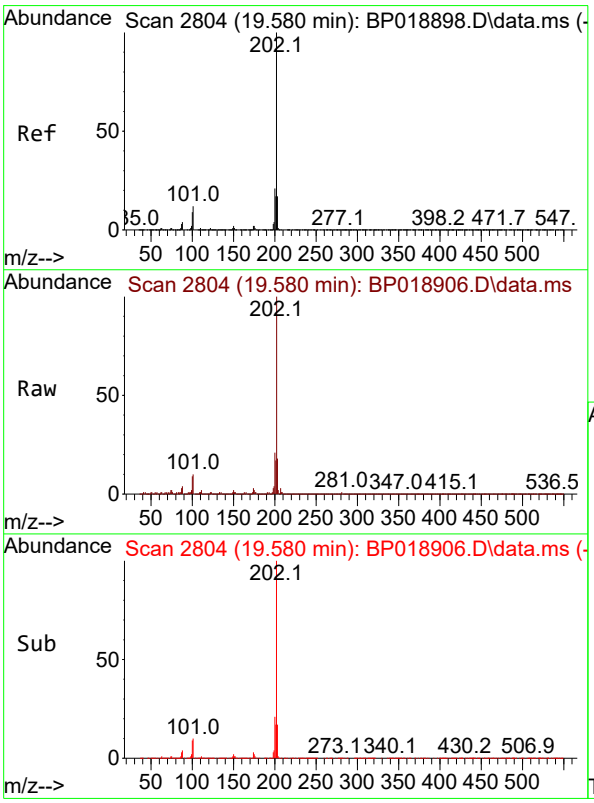
#80
Fluoranthene
Concen: 9.062 ng/ul
RT: 19.222 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:202 Resp: 1081637

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.1	13.7
100	7.5	7.1	10.7

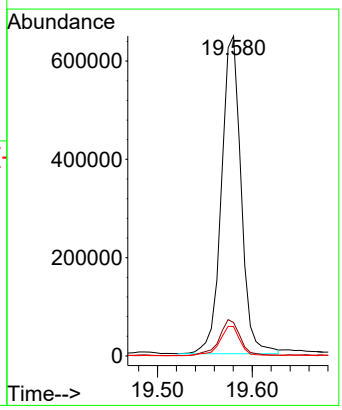


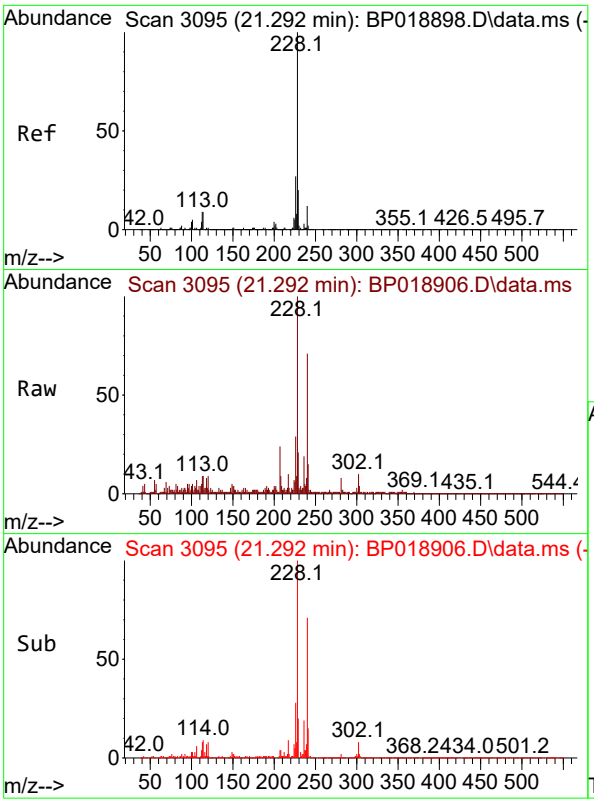


#82
Pyrene
Concen: 7.740 ng/ul
RT: 19.580 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:202 Resp: 932052

Ion	Ratio	Lower	Upper
202	100		
101	10.4	11.0	16.4#
100	9.2	9.1	13.7



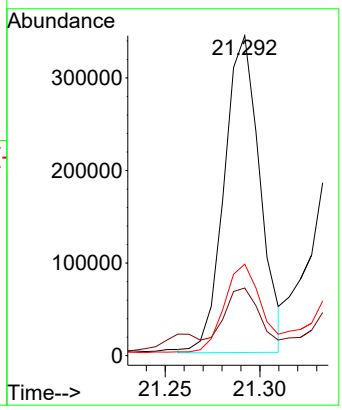


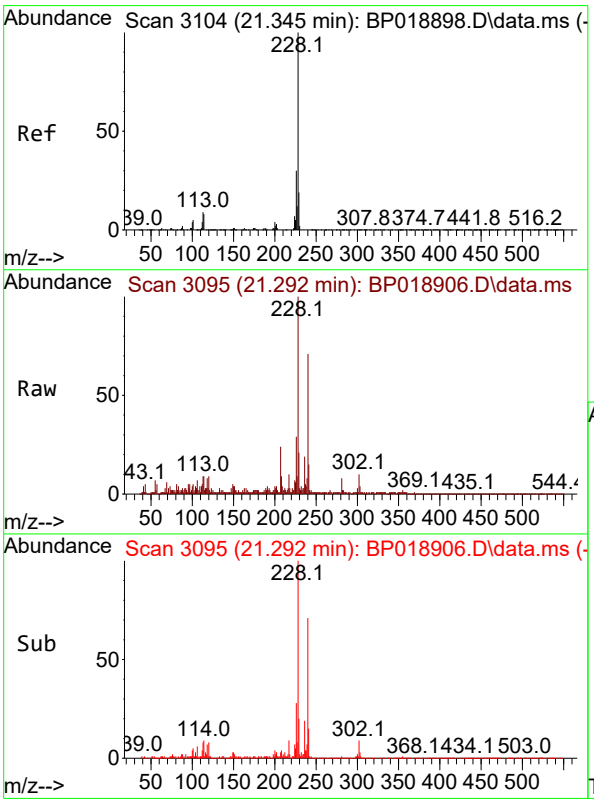
#85
Benzo(a)anthracene
Concen: 4.262 ng/ul
RT: 21.292 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:228 Resp: 448736

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.6	21.9	32.9

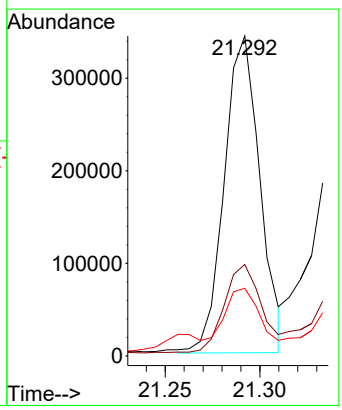


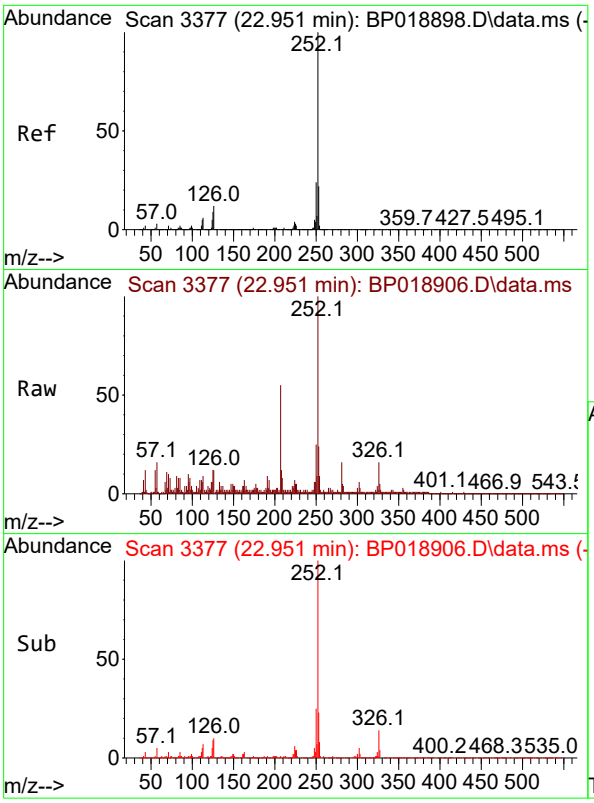


#87
Chrysene
Concen: 4.628 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.047 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:228 Resp: 448736

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.9	35.9
229	21.1	15.6	23.4



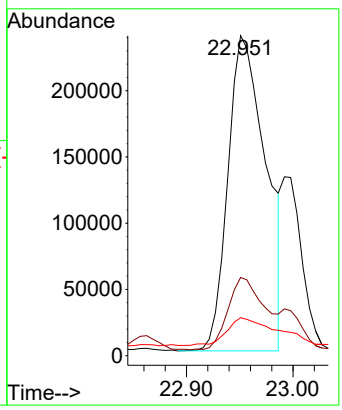


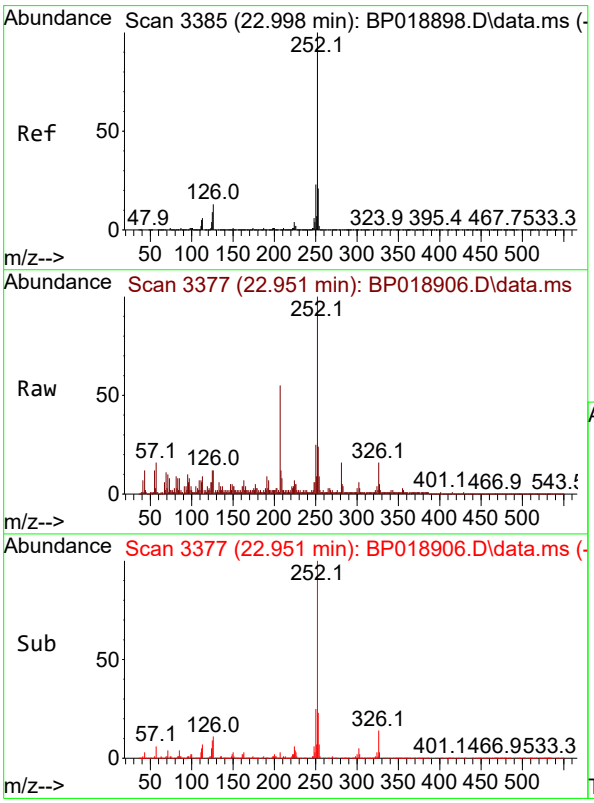
#90
Benzo(b)fluoranthene
Concen: 5.036 ng/ul
RT: 22.951 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:252 Resp: 590351

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	11.8	7.8	11.6#

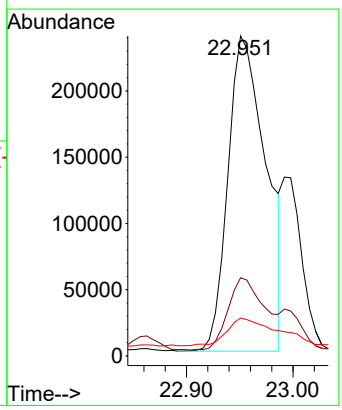


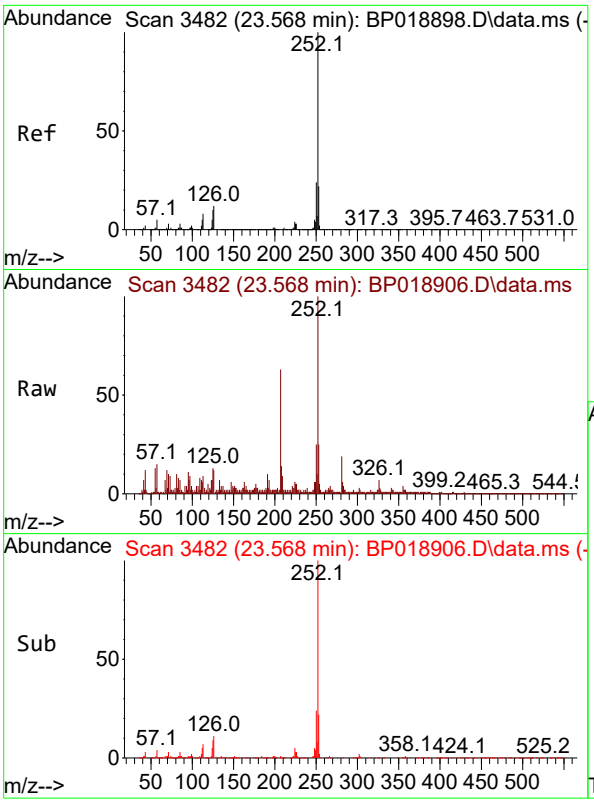


#91
Benzo(k)fluoranthene
Concen: 5.205 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. -0.041 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:252 Resp: 590351

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	11.8	8.0	12.0



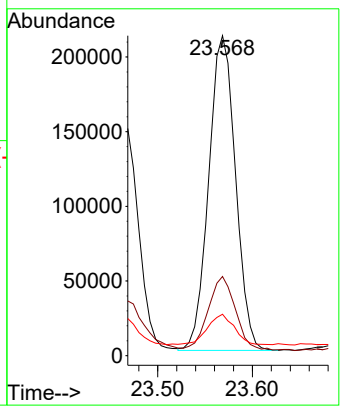


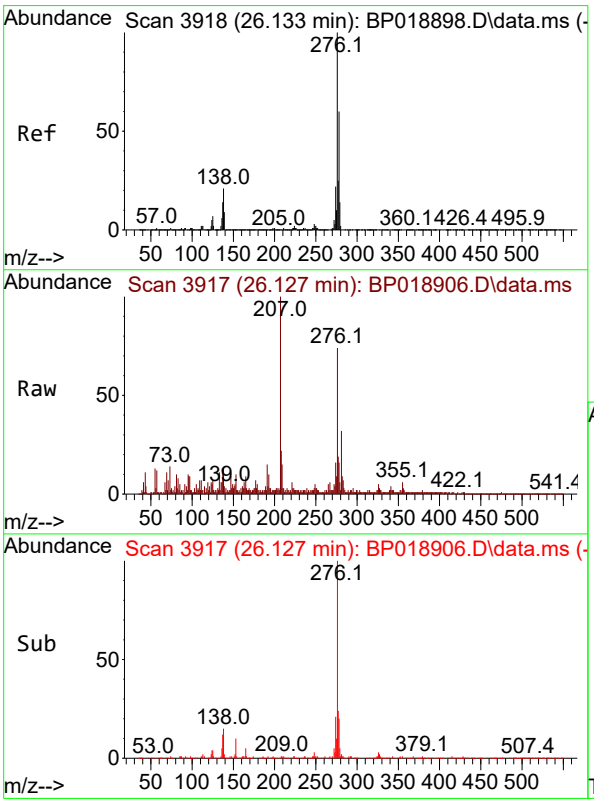
#93
Benzo(a)pyrene
Concen: 3.868 ng/ul
RT: 23.568 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:252 Resp: 414335

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	13.0	9.2	13.8

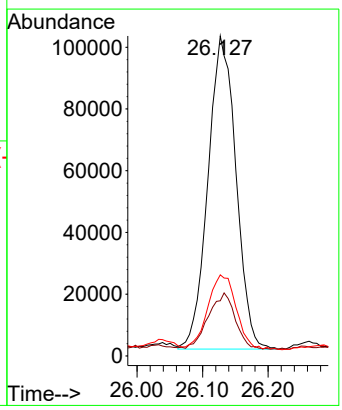


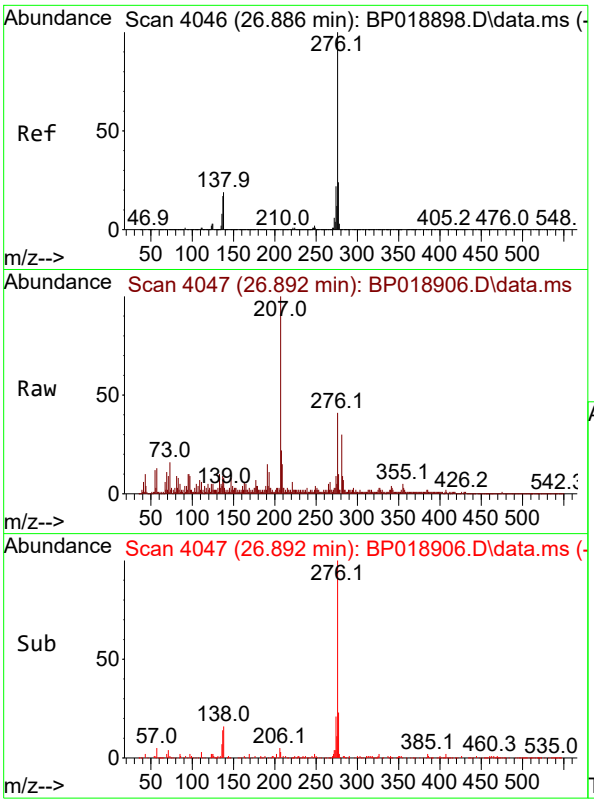


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.354 ng/ul
RT: 26.127 min Scan# 3917
Delta R.T. 0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:276 Resp: 301212

Ion	Ratio	Lower	Upper
276	100		
138	17.3	19.4	29.2#
277	25.3	19.8	29.6





#96
Benzo(g,h,i)perylene
Concen: 1.814 ng/ul
RT: 26.892 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:276 Resp: 186862

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.1	27.1
277	25.3	19.4	29.0