Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014833.D
Acq On : 26 Apr 2023 11:02
Operator : CG/JU
Sample : 02418-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Quant Time: Apr 26 22:31:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	287724	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1257840	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	778003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1632366	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1077410	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1019196	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	18183	2.485	ng/uL	0.00
4) Pyridine-d5	3.969	84	8737	0.412	ng/ul	0.03
7) Phenol-d5	7.334	99	363788	13.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	270051	17.181	ng/ul	0.00
11) 2-Chlorophenol-d4	7.722	132	313415	16.228	ng/ul	0.00
15) 4-Methylphenol-d8	8.899	113	250818	11.939	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	160588	17.055	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	167501	17.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	340174	16.911	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	139914	4.847	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	1148241	19.020	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	1327557	19.182	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	104589	9.510	ng/ul	0.00
60) Fluorene-d10	15.816	176	1007853	19.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	82842	9.146	ng/ul	0.00
73) Anthracene-d10	17.675	188	1543351	20.135	ng/ul	0.00
81) Pyrene-d10	19.892	212	1635687	24.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	1091678	20.661	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.328	77	15902	1.266	ng/ul	98
8) Phenol	7.369	94	34519	1.269	ng/ul	99
16) Acetophenone	9.028	105	221531	6.741	ng/ul	97
30) Naphthalene	11.081	128	97564	1.402	ng/ul	100
36) 2-Methylnaphthalene	12.675	142	51590	1.092	ng/ul	99
37) 1-Methylnaphthalene	12.893	142	53354	1.133	ng/ul	97
50) Acenaphthylene	14.551	152	179628	2.403	ng/ul	98
52) Acenaphthene	14.892	153	159230	3.099	ng/ul	99
56) Dibenzofuran	15.222	168	175947	2.432	ng/ul	99
61) Fluorene	15.875	166	234931	4.116	ng/ul	99
72) Phenanthrene	17.622	178	4406656	49.296	ng/ul	99
74) Anthracene	17.710	178	694150	7.702	ng/ul	98
77) Carbazole	17.969	167	447703	5.836	ng/ul	99
80) Fluoranthene	19.569	202	5822528	75.424	ng/ul	99
82) Pyrene	19.922	202	5146943	64.465	ng/ul	99
83) Butylbenzylphthalate	20.769	149	239689	8.947	ng/ul	96
85) Benzo(a)anthracene	21.633	228	2041601	27.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	6241672	156.954	ng/ul#	97
87) Chrysene	21.692	228	2180290	30.685	ng/ul	98
90) Benzo(b)fluoranthene	23.457	252	2549291	36.523	ng/ul	98
91) Benzo(k)fluoranthene	23.457	252	2549291	37.658	ng/ul	98
93) Benzo(a)pyrene	24.139	252	1661807	28.109	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	1212153	18.182	ng/ul	97
95) Dibenzo(a,h)anthracene	27.015	278	302353	5.438	ng/ul#	82

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014833.D
Acq On : 26 Apr 2023 11:02
Operator : CG/JU
Sample : 02418-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Quant Time: Apr 26 22:31:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.862	276	1023979	19.387	ng/ul	98

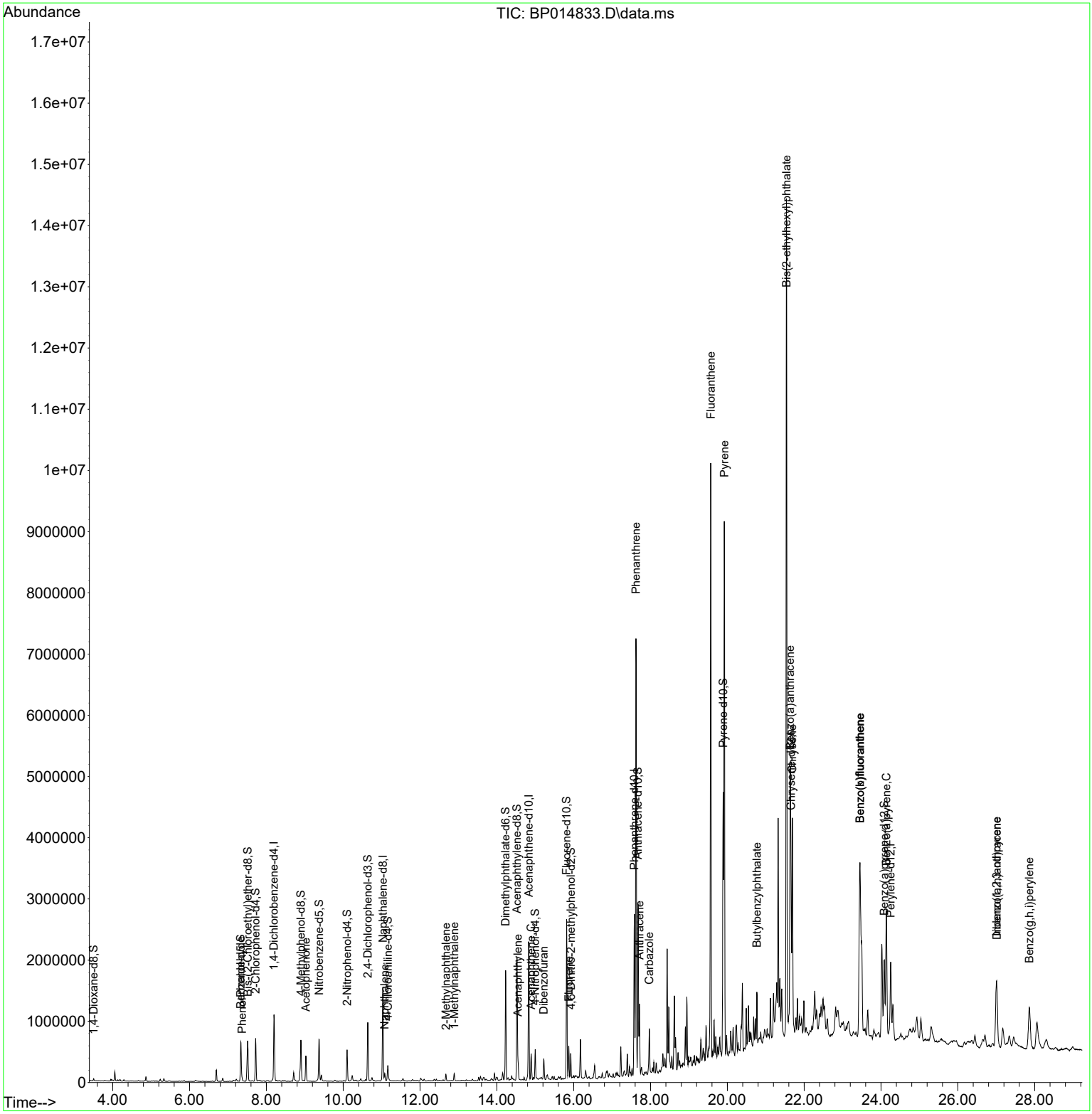
(#) = qualifier out of range (m) = manual integration (+) = signals summed

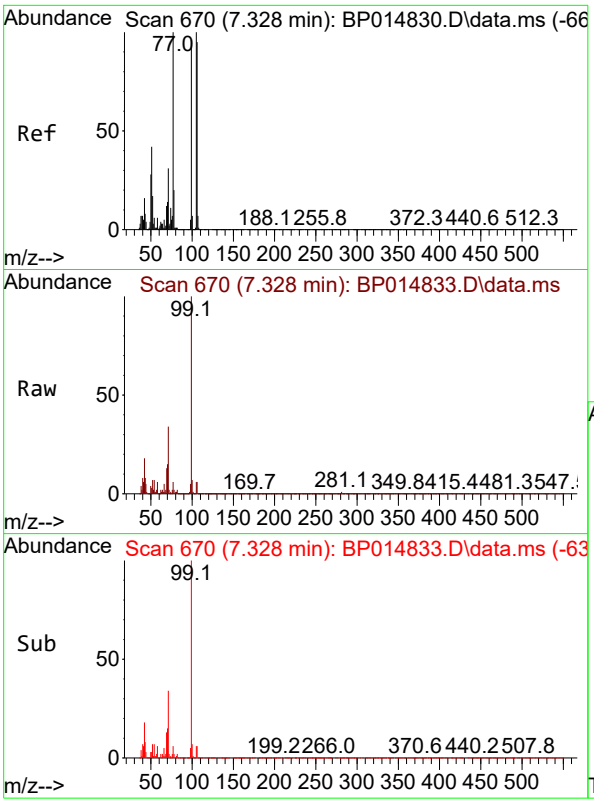
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014833.D
Acq On : 26 Apr 2023 11:02
Operator : CG/JU
Sample : 02418-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Quant Time: Apr 26 22:31:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration



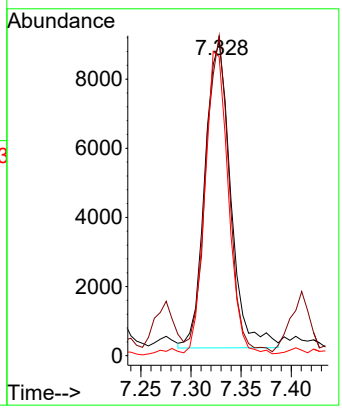


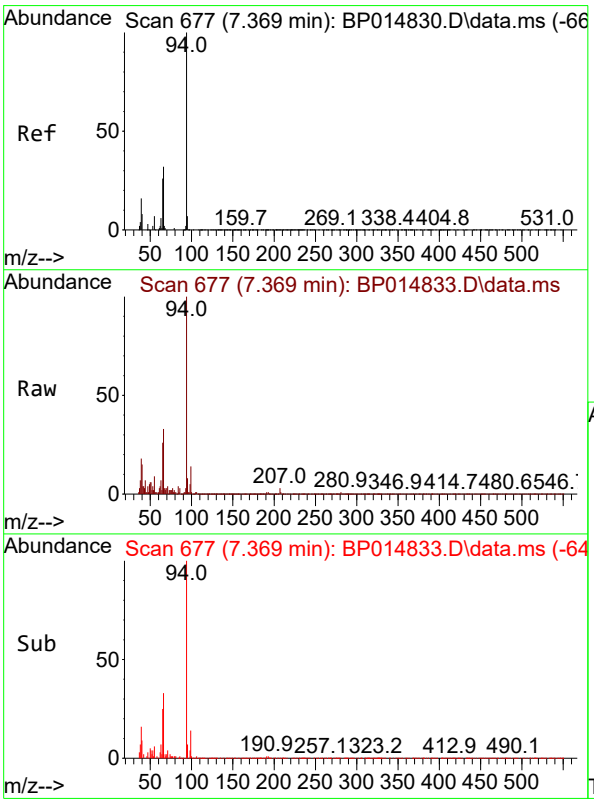
#6
Benzaldehyde
Concen: 1.266 ng/ul
RT: 7.328 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion: 77 Resp: 15902

Ion	Ratio	Lower	Upper
77	100		
105	101.9	79.9	119.9
106	95.2	75.2	112.8

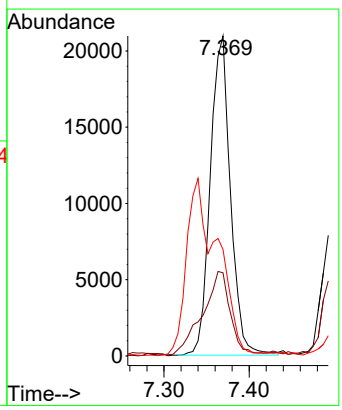


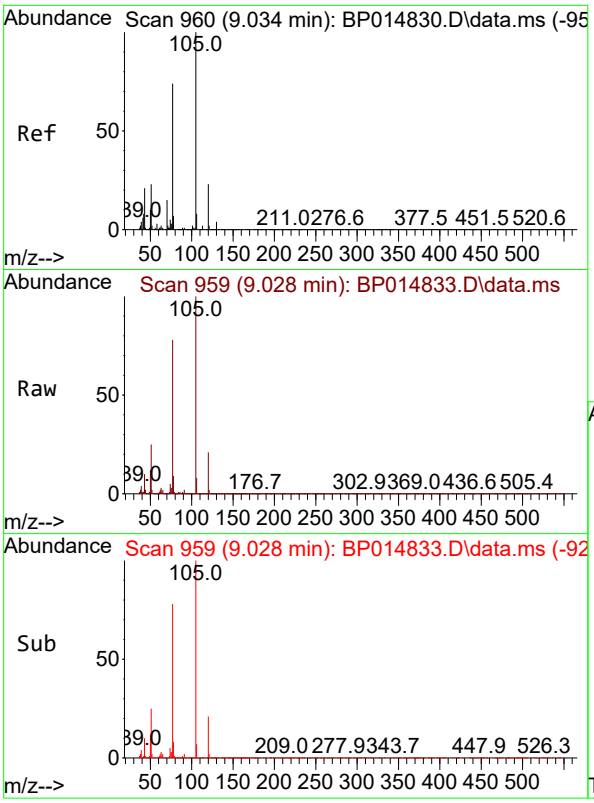


#8
Phenol
Concen: 1.269 ng/ul
RT: 7.369 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion: 94 Resp: 34519

Ion	Ratio	Lower	Upper
94	100		
65	26.0	21.0	31.6
66	33.3	27.0	40.6



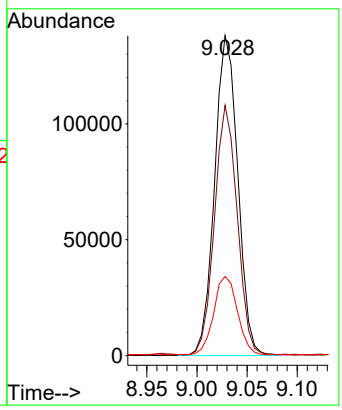


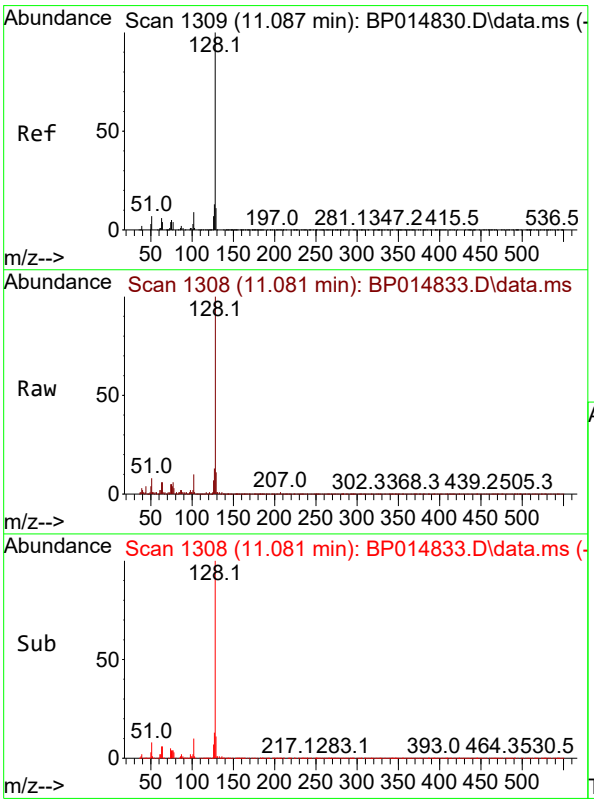
#16
Acetophenone
Concen: 6.741 ng/ul
RT: 9.028 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:105 Resp: 221531

Ion	Ratio	Lower	Upper
105	100		
77	78.2	59.8	89.8
51	24.7	19.6	29.4

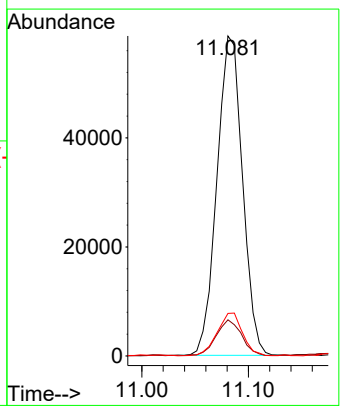


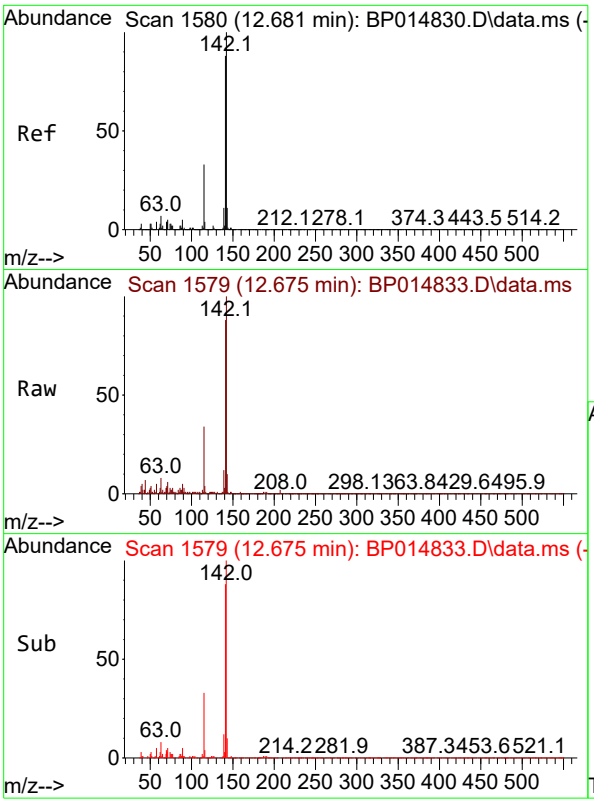


#30
Naphthalene
Concen: 1.402 ng/ul
RT: 11.081 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:128 Resp: 97564

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.6	16.0



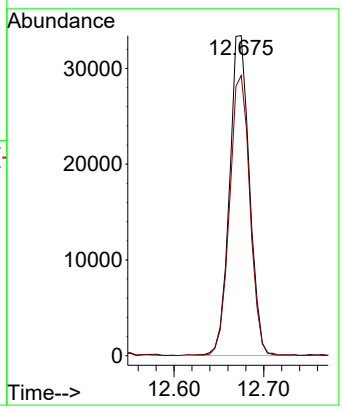


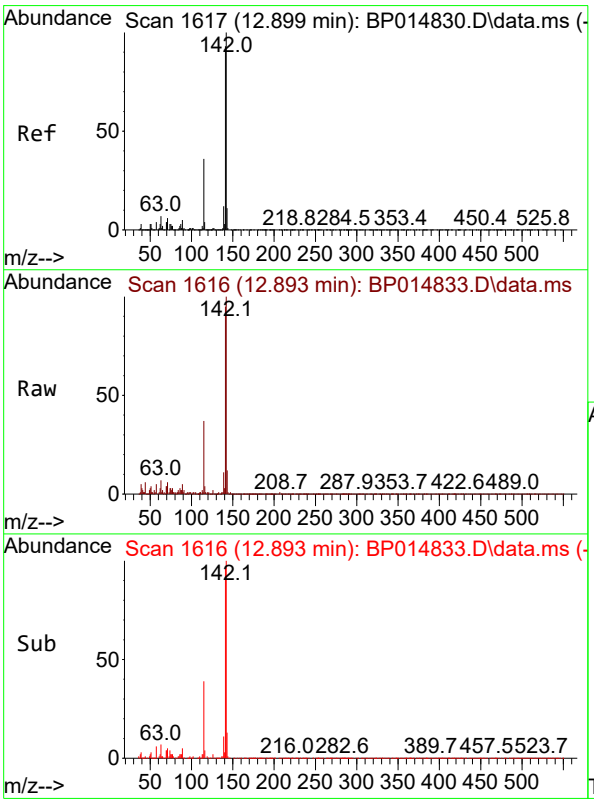
#36
2-Methylnaphthalene
Concen: 1.092 ng/ul
RT: 12.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:142 Resp: 51590

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	106.0

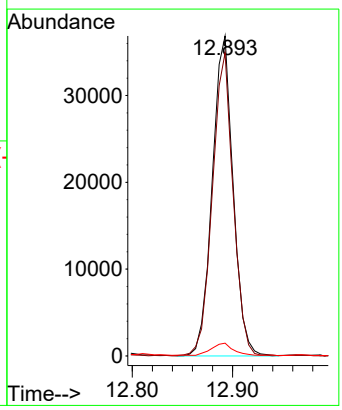


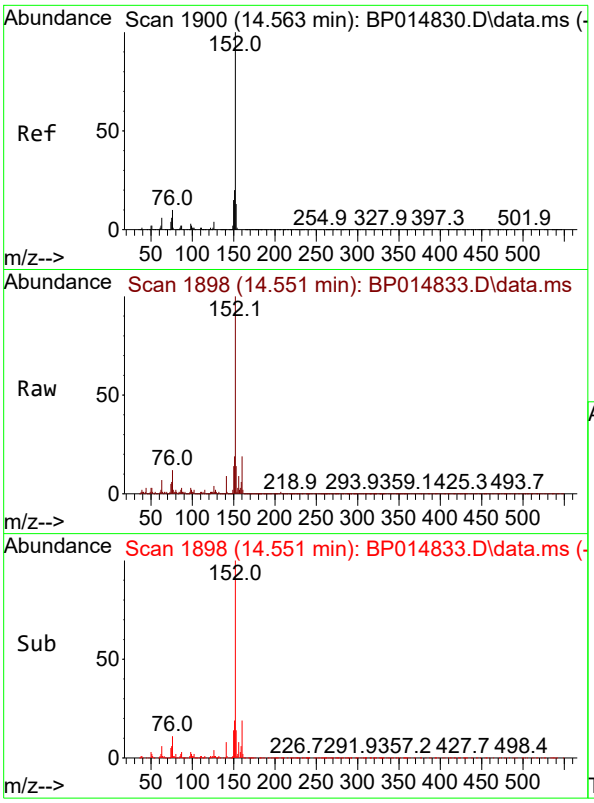


#37
1-Methylnaphthalene
Concen: 1.133 ng/ul
RT: 12.893 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:142 Resp: 53354

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.7	110.5
116	4.0	3.0	4.4



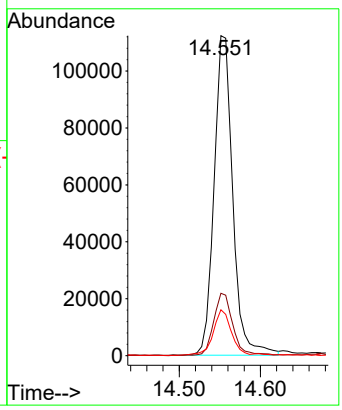


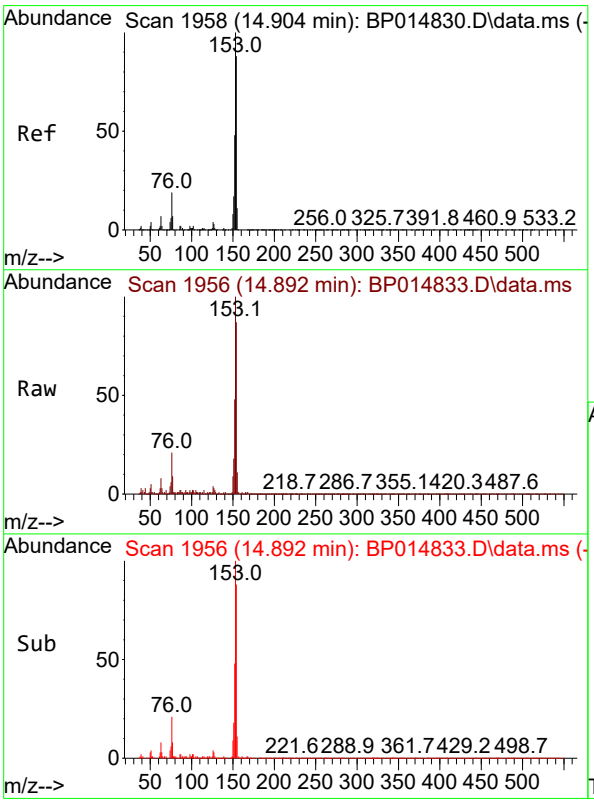
#50
Acenaphthylene
Concen: 2.403 ng/ul
RT: 14.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:152 Resp: 179628

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	14.4	10.4	15.6

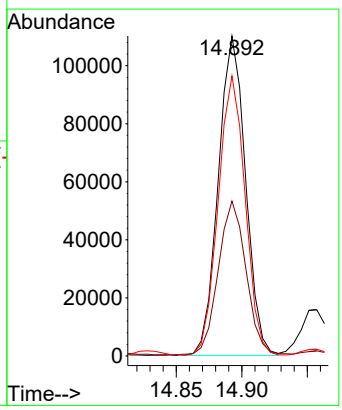


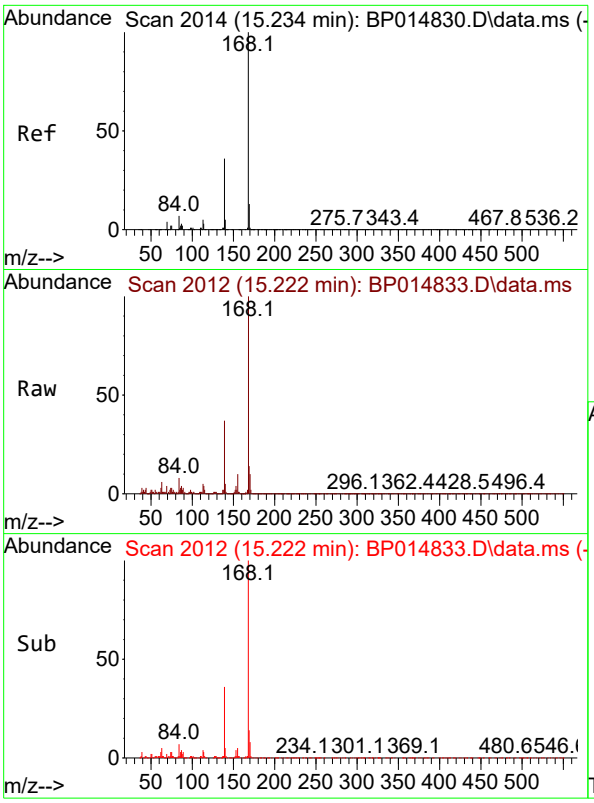


#52
Acenaphthene
Concen: 3.099 ng/ul
RT: 14.892 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:153 Resp: 159230

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.2	57.4
154	87.5	71.0	106.4



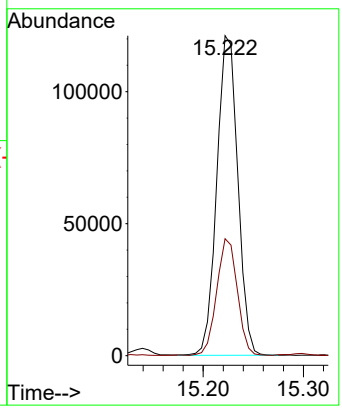


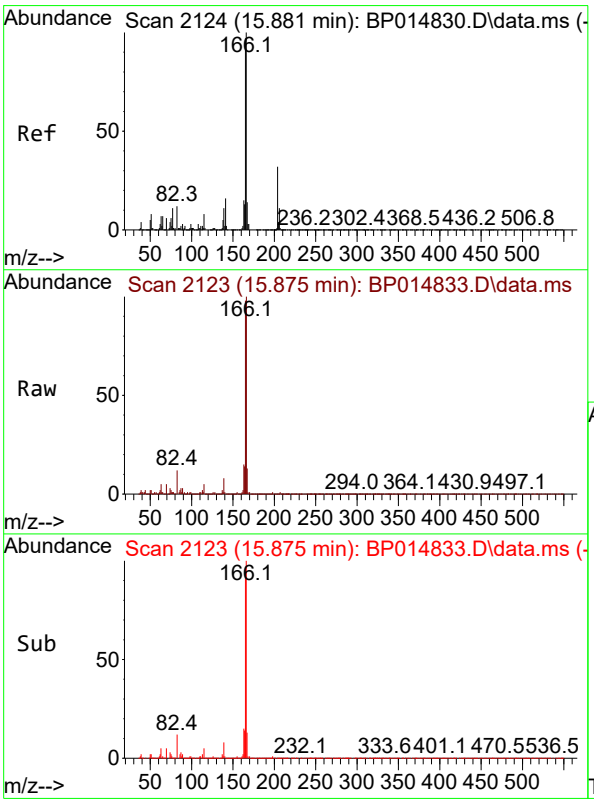
#56
Dibenzofuran
Concen: 2.432 ng/ul
RT: 15.222 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:168 Resp: 175947

Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.7	43.1

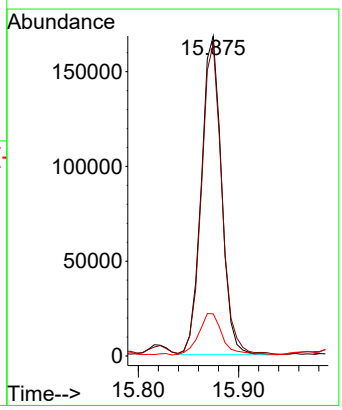


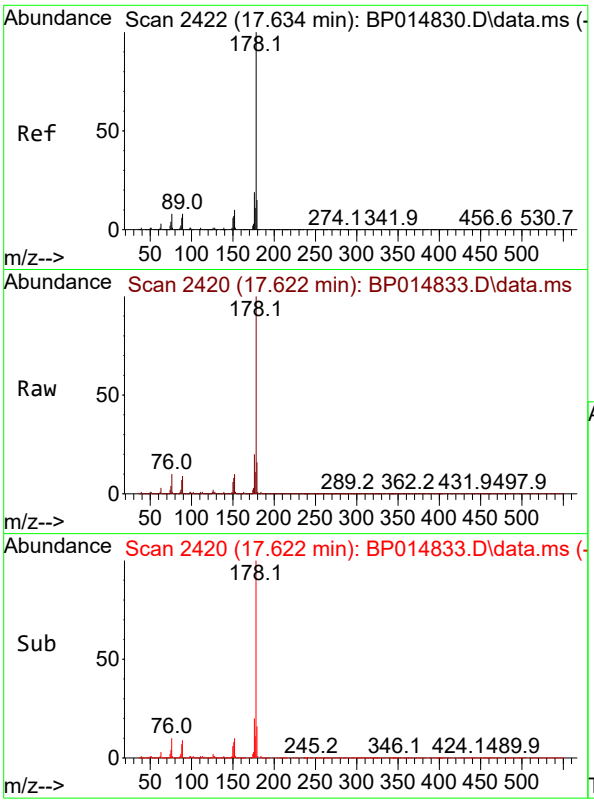


#61
Fluorene
Concen: 4.116 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:166 Resp: 234931

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	13.1	10.7	16.1



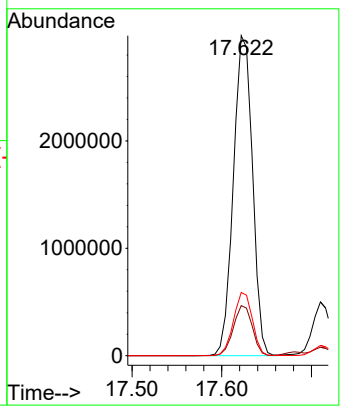


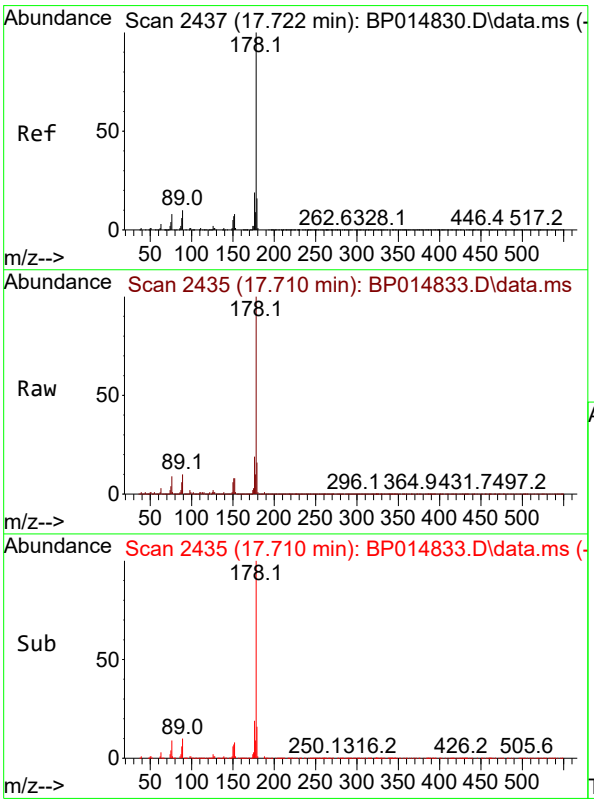
#72
Phenanthrene
Concen: 49.296 ng/ul
RT: 17.622 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:178 Resp: 4406656

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.7	15.7	23.5

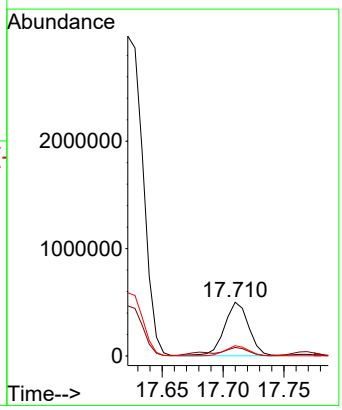


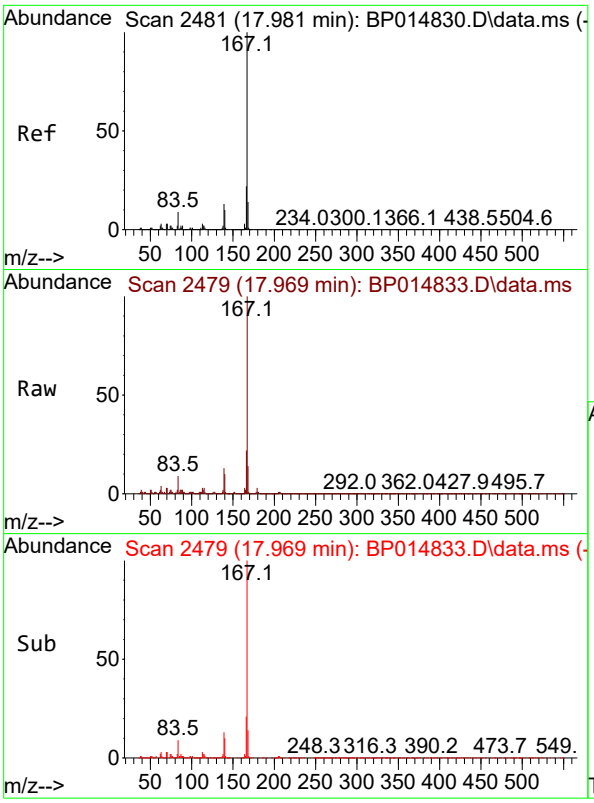


#74
Anthracene
Concen: 7.702 ng/ul
RT: 17.710 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:178 Resp: 694150

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	19.1	14.9	22.3



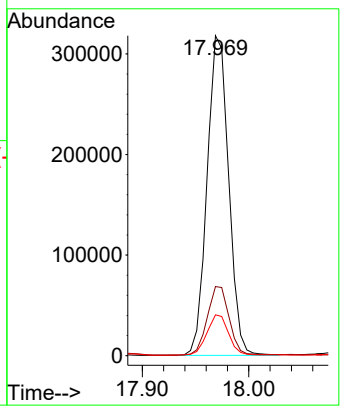


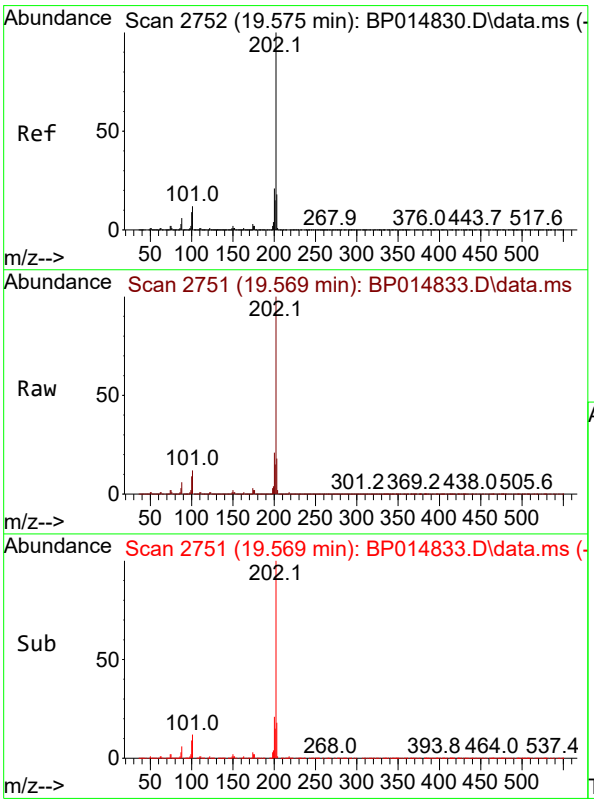
#77
Carbazole
Concen: 5.836 ng/ul
RT: 17.969 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:167 Resp: 447703

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.7	9.8	14.8

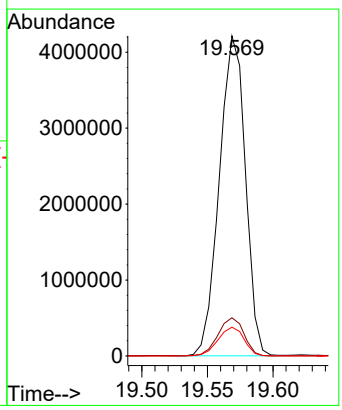


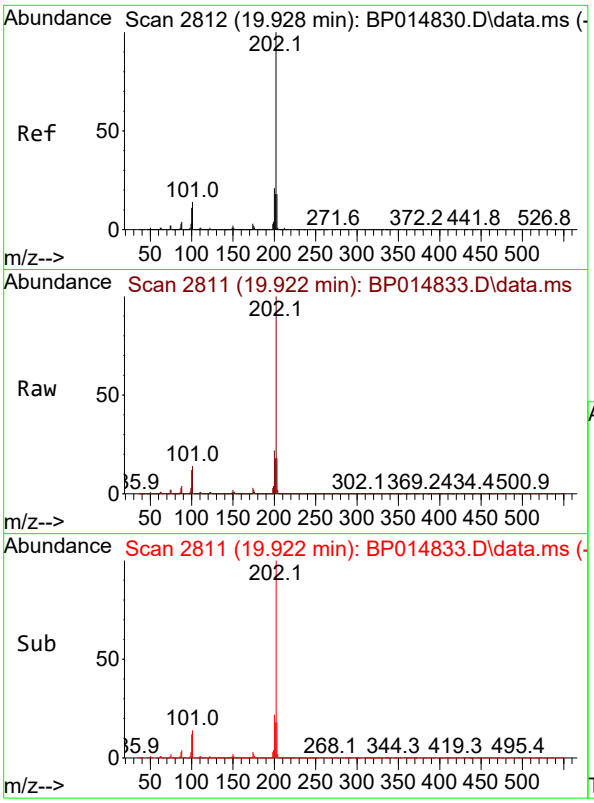


#80
Fluoranthene
Concen: 75.424 ng/ul
RT: 19.569 min Scan# 2751
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:202 Resp: 5822528

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	9.0	7.0	10.4



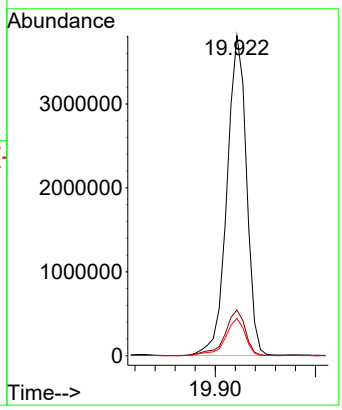


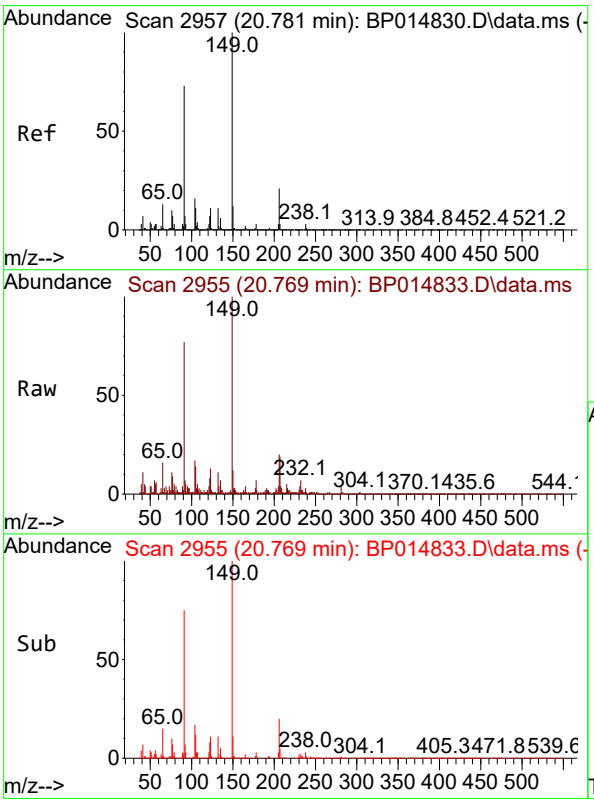
#82
Pyrene
Concen: 64.465 ng/ul
RT: 19.922 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:202 Resp: 5146943

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.1	16.7
100	11.6	9.0	13.6

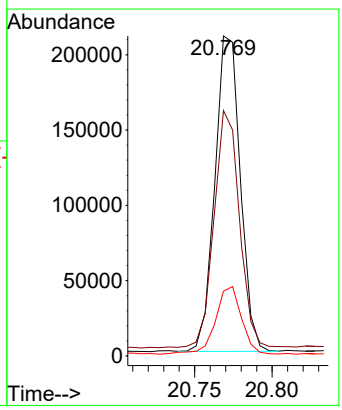


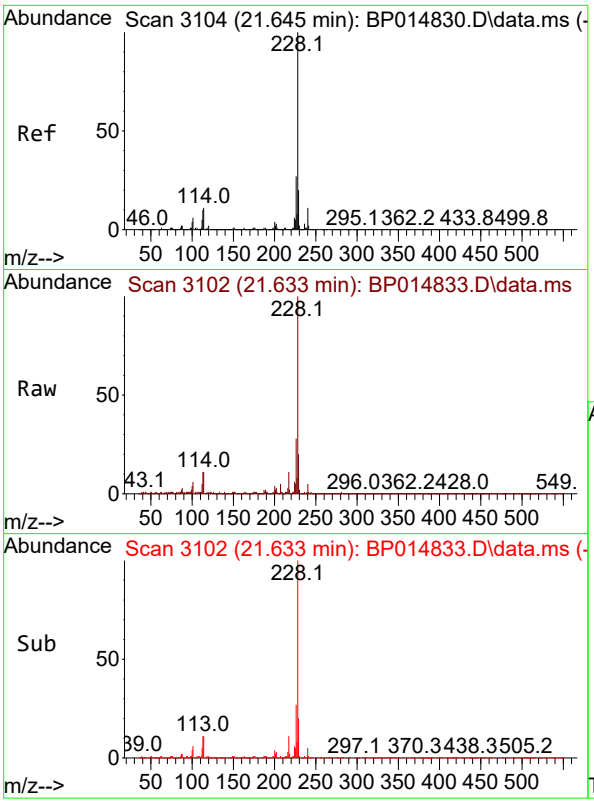


#83
Butylbenzylphthalate
Concen: 8.947 ng/ul
RT: 20.769 min Scan# 2955
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:149 Resp: 239689

Ion	Ratio	Lower	Upper
149	100		
91	76.7	58.5	87.7
206	20.3	16.7	25.1



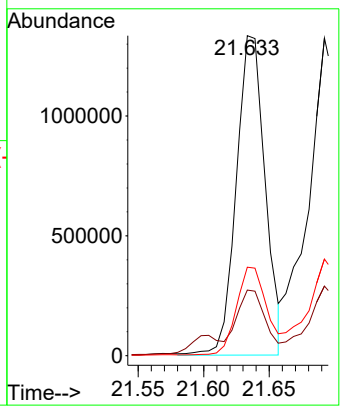


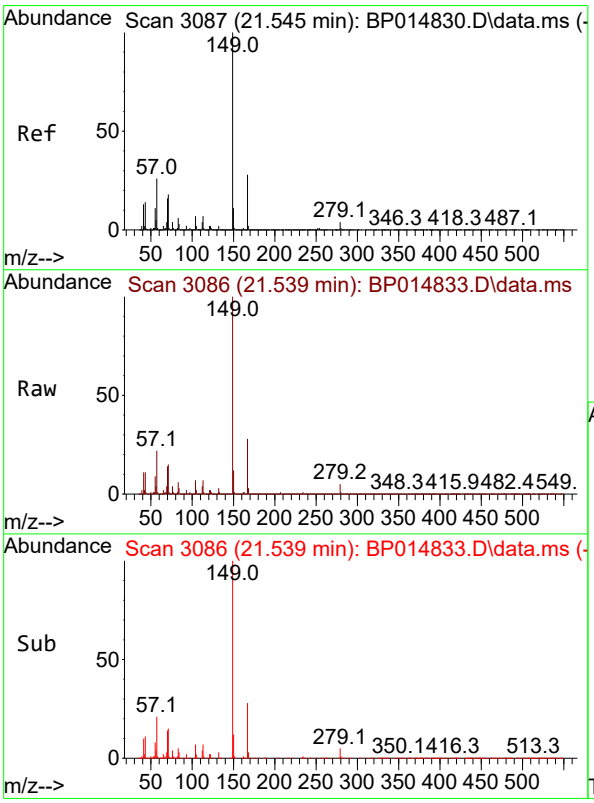
#85
Benzo(a)anthracene
Concen: 27.239 ng/ul
RT: 21.633 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:228 Resp: 2041601

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.7	22.0	33.0

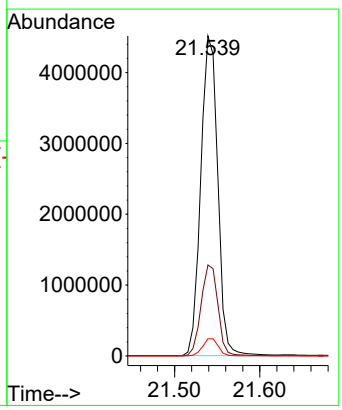


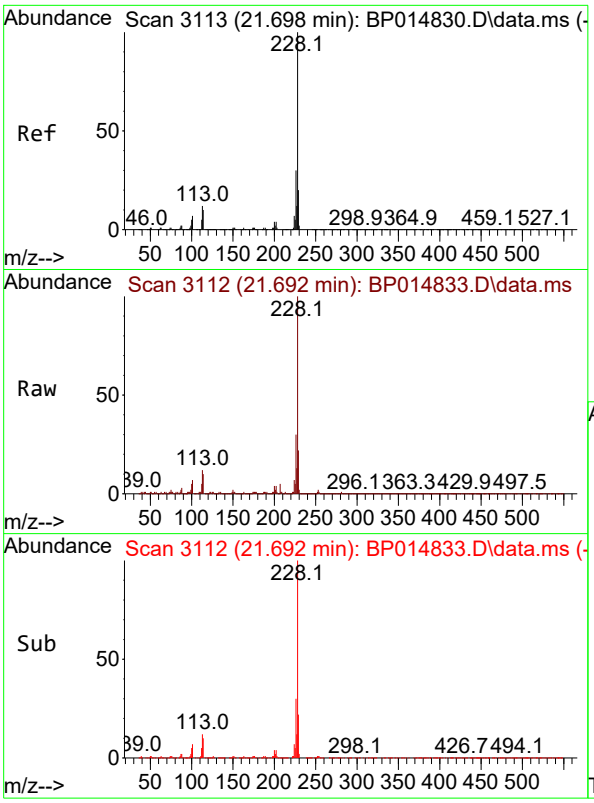


#86
Bis(2-ethylhexyl)phthalate
Concen: 156.954 ng/ul
RT: 21.539 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:149 Resp: 6241672

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.6
279	5.3	3.4	5.0#



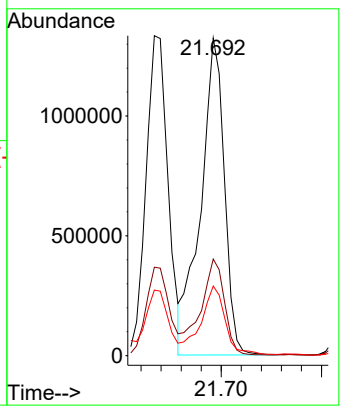


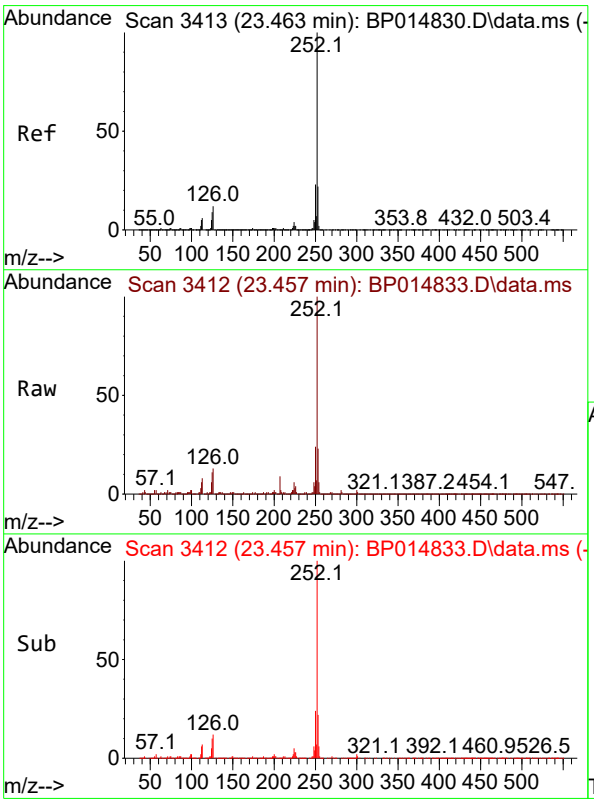
#87
Chrysene
Concen: 30.685 ng/ul
RT: 21.692 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:228 Resp: 2180290

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	21.9	16.0	24.0

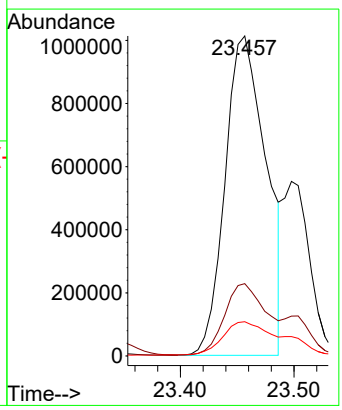


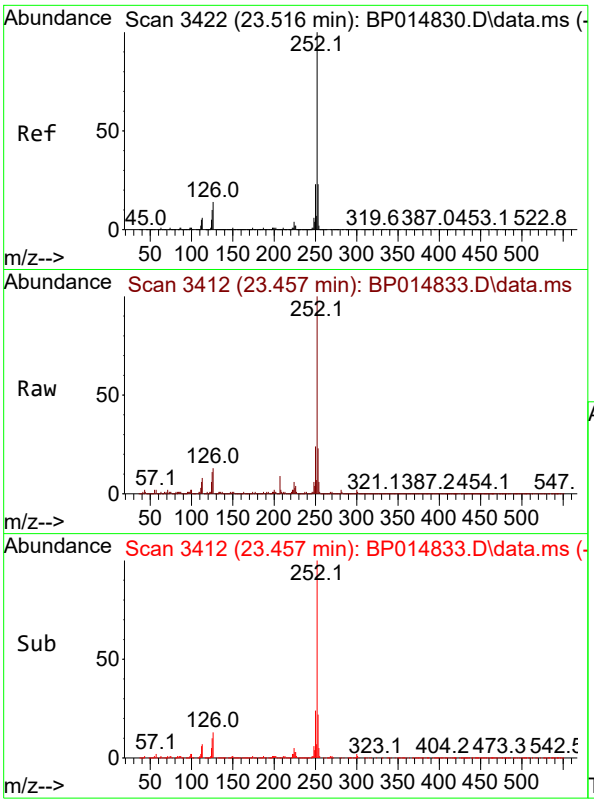


#90
Benzo(b)fluoranthene
Concen: 36.523 ng/ul
RT: 23.457 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:252 Resp: 2549291

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.7	7.8	11.8



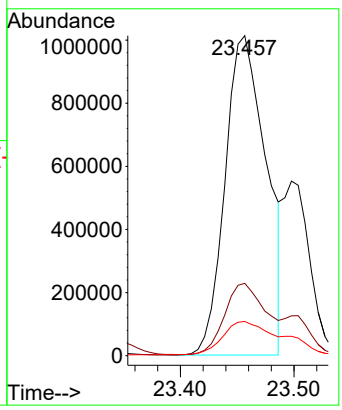


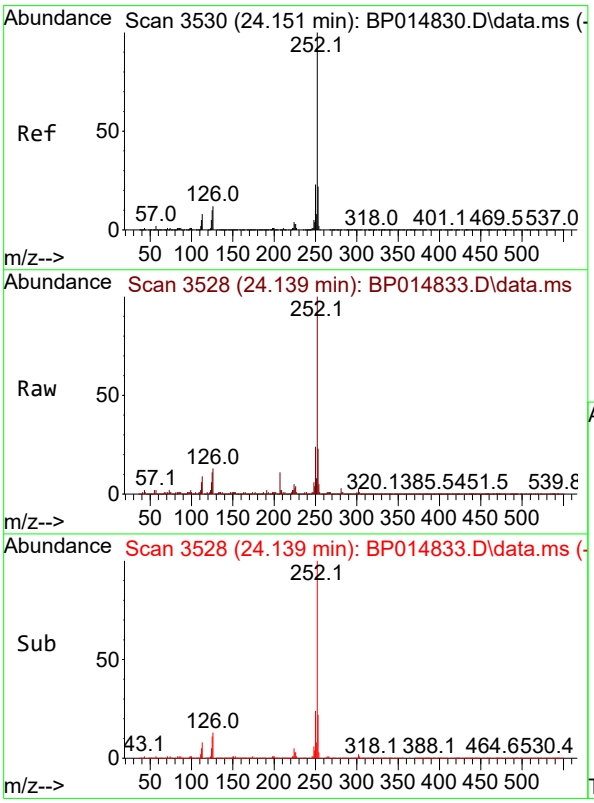
#91
Benzo(k)fluoranthene
Concen: 37.658 ng/ul
RT: 23.457 min Scan# 34
Delta R.T. -0.047 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:252 Resp: 2549291

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.7	7.9	11.9

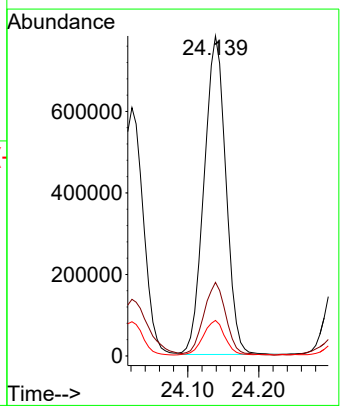


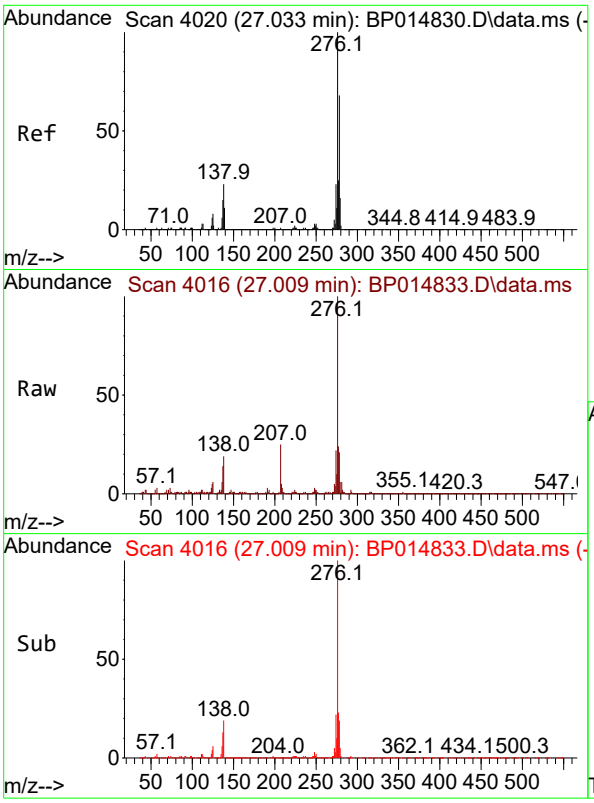


#93
Benzo(a)pyrene
Concen: 28.109 ng/ul
RT: 24.139 min Scan# 3528
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:252 Resp: 1661807

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.1	8.6	12.8



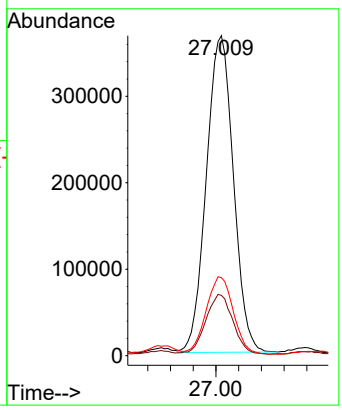


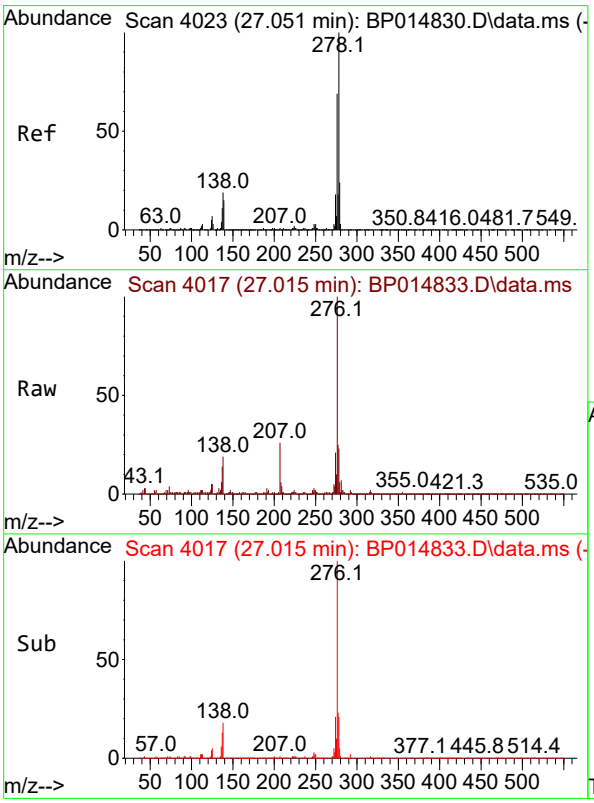
#94
Indeno(1,2,3-cd)pyrene
Concen: 18.182 ng/ul
RT: 27.009 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:276 Resp: 1212153

Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.7	26.5
277	24.4	19.6	29.4

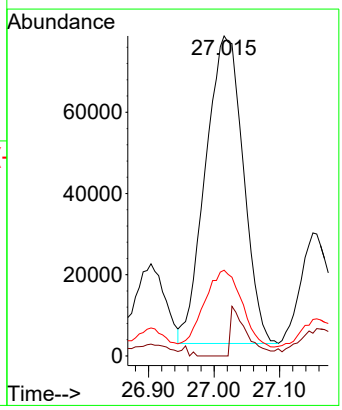


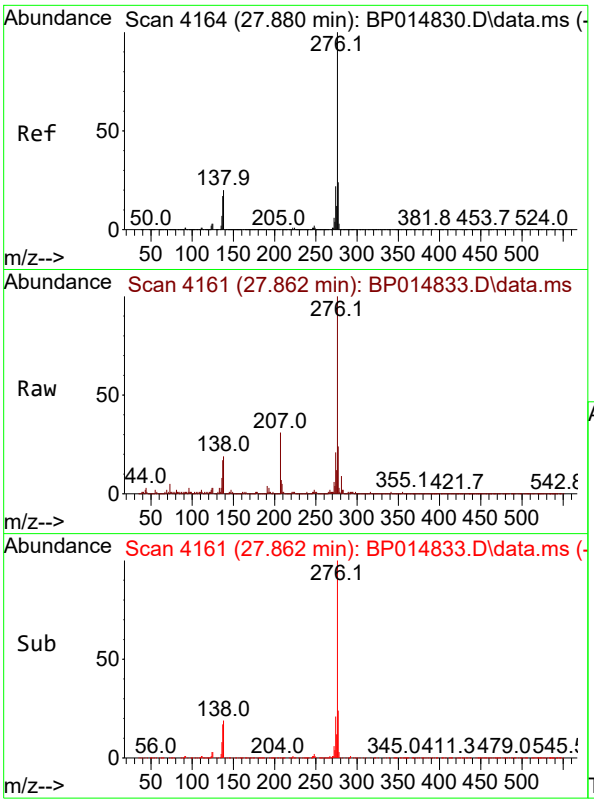


#95
Dibenzo(a,h)anthracene
Concen: 5.438 ng/ul
RT: 27.015 min Scan# 4017
Delta R.T. -0.018 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Tgt Ion:278 Resp: 302353

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.0	18.0#
279	26.8	18.9	28.3





#96
Benzo(g,h,i)perylene
Concen: 19.387 ng/ul
RT: 27.862 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP014833.D
Acq: 26 Apr 2023 11:02

Instrument :
BNA_P
ClientSampleId :
EW8Z5

Tgt Ion:276 Resp: 1023979

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
277	24.1	18.9	28.3