Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP012979.D
Acq On : 08 Dec 2022 11:31
Operator : CG/JU
Sample : N5832-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Quant Time: Dec 09 01:51:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	538505	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	2355792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	1584170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	3647427	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	3510313	20.000	ng/ul	0.01
88) Perylene-d12	23.963	264	3807839	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	44573	3.539	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.134	99	943327	21.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	560722	21.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	748100	21.666	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	725554	20.188	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	361013	20.857	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	407655	20.920	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	785624	20.757	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	1094569	20.485	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	3136004	25.758	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	3109251	23.241	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	573209	26.173	ng/ul	0.00
60) Fluorene-d10	15.616	176	2681229	26.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	556778	23.721	ng/ul	0.00
73) Anthracene-d10	17.481	188	5122988	31.133	ng/ul	0.00
81) Pyrene-d10	19.710	212	6477303	32.147	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.804	264	6264034	33.004	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.852	128	3535842	28.699	ng/ul	100
36) 2-Methylnaphthalene	12.452	142	3602857	42.626	ng/ul	98
37) 1-Methylnaphthalene	12.669	142	1852378	21.311	ng/ul	100
50) Acenaphthylene	14.346	152	3897615	27.099	ng/ul	100
52) Acenaphthene	14.687	153	2416092	24.241	ng/ul	99
61) Fluorene	15.675	166	3492751	30.733	ng/ul	99
72) Phenanthrene	17.422	178	5594386	29.447	ng/ul	100
74) Anthracene	17.516	178	9361242	49.349	ng/ul	99
80) Fluoranthene	19.386	202	6889463	30.126	ng/ul	99
82) Pyrene	19.739	202	6187109	26.227	ng/ul	99
85) Benzo(a)anthracene	21.451	228	5604142	24.049	ng/ul	100
87) Chrysene	21.504	228	4544075	20.620	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	9709862	39.989	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	4869488	20.224	ng/ul	100
93) Benzo(a)pyrene	23.857	252	5314227	25.135	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.580	276	5648028	21.446	ng/ul	98
95) Dibenzo(a,h)anthracene	26.598	278	3227144	14.800	ng/ul	100
96) Benzo(g,h,i)perylene	27.392	276	7482010	35.388	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP012979.D
Acq On : 08 Dec 2022 11:31
Operator : CG/JU
Sample : N5832-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 09 01:51:53 2022
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Quant Title : SVOA CALIBRATION
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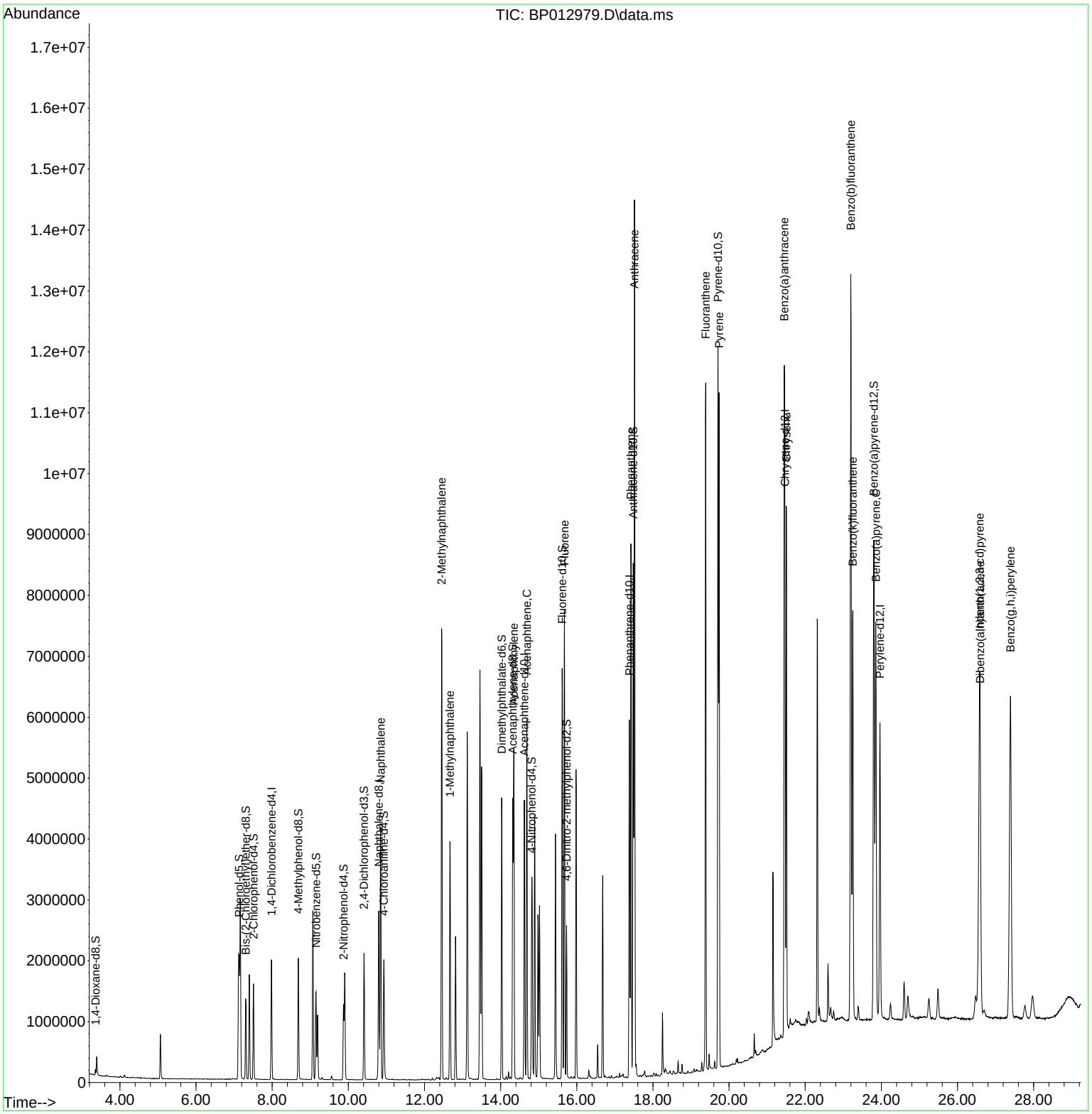
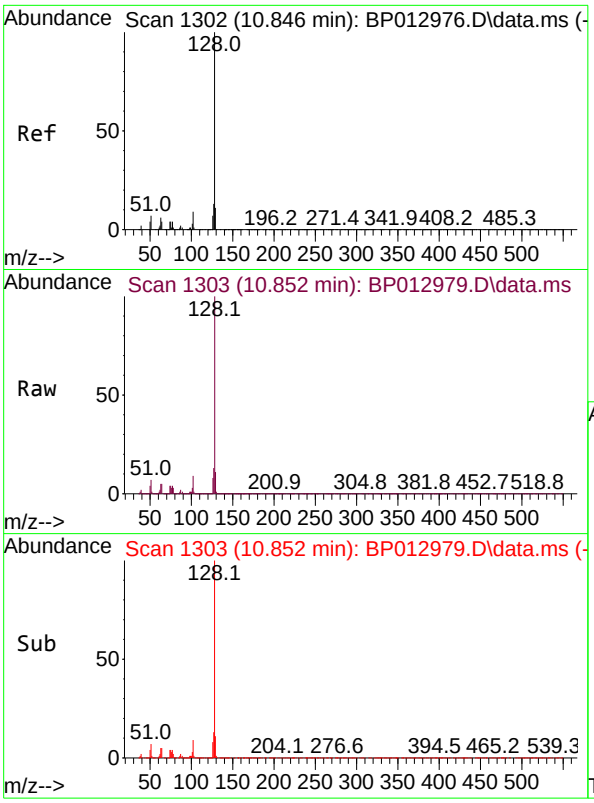
Response via : Initial Calibration



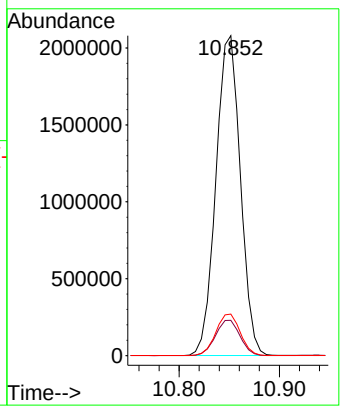


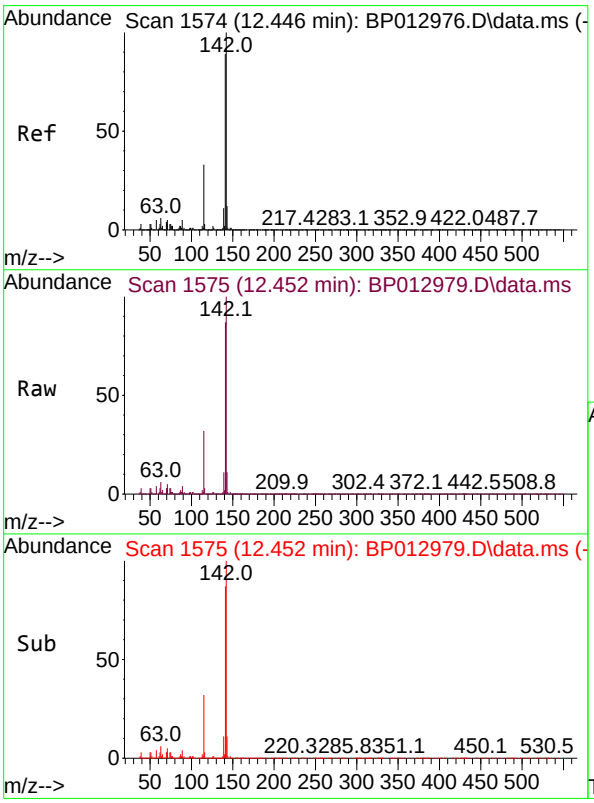
#30
Naphthalene
Concen: 28.699 ng/ul
RT: 10.852 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:128 Resp: 3535842

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

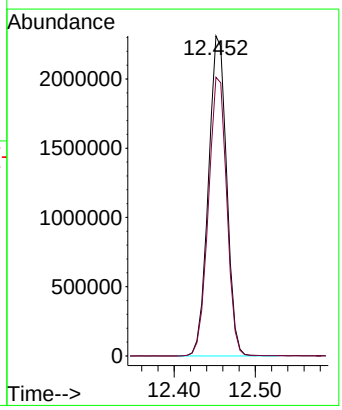


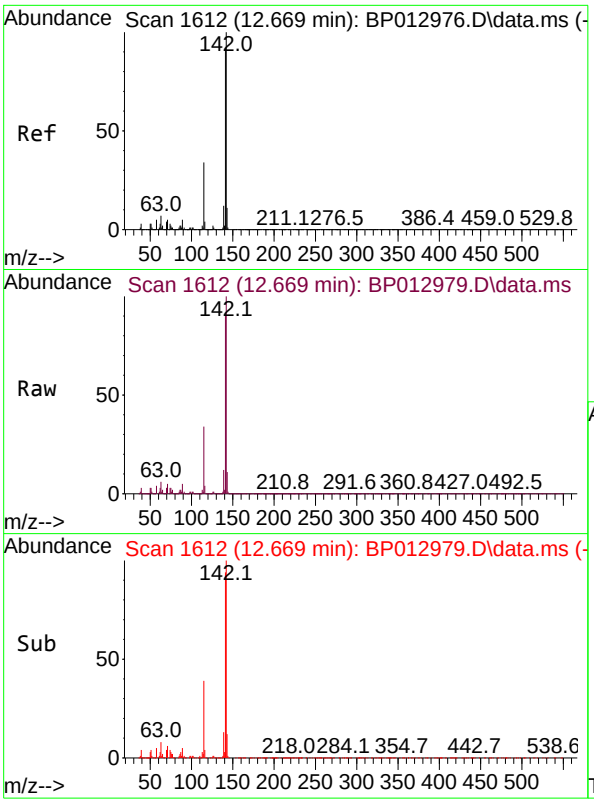


#36
2-Methylnaphthalene
Concen: 42.626 ng/ul
RT: 12.452 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:142 Resp: 3602857

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2



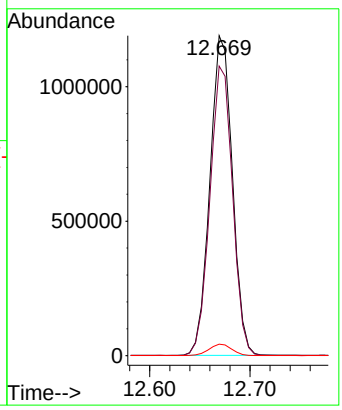


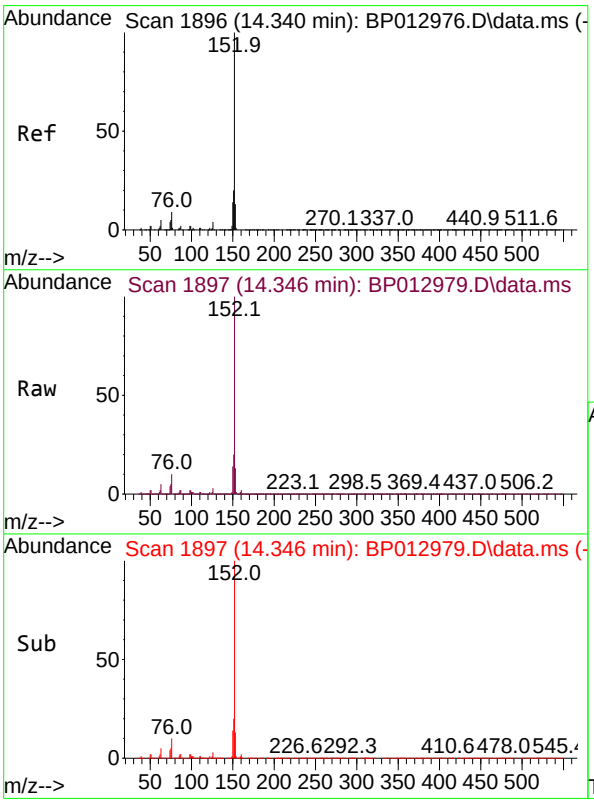
#37
1-Methylnaphthalene
Concen: 21.311 ng/ul
RT: 12.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:142 Resp: 1852378

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.7	109.1
116	3.6	2.7	4.1

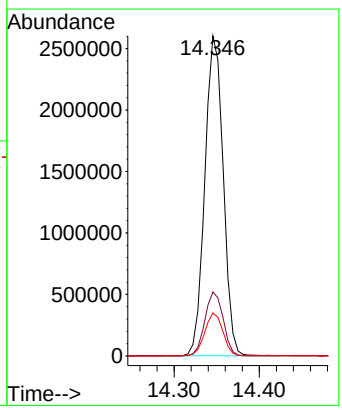


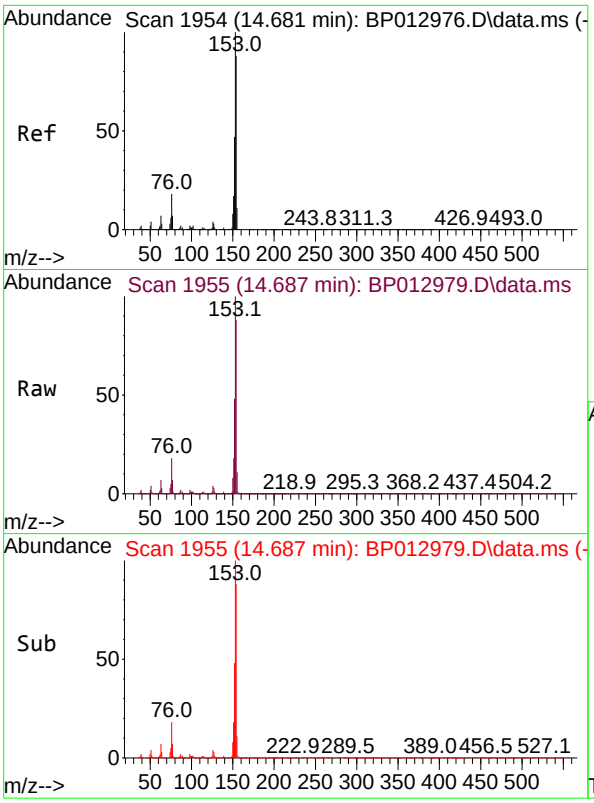


#50
Acenaphthylene
Concen: 27.099 ng/ul
RT: 14.346 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:152 Resp: 3897615

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.4	10.6	16.0



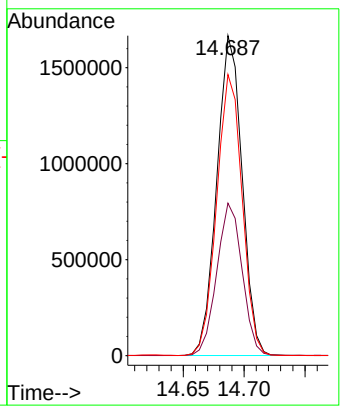


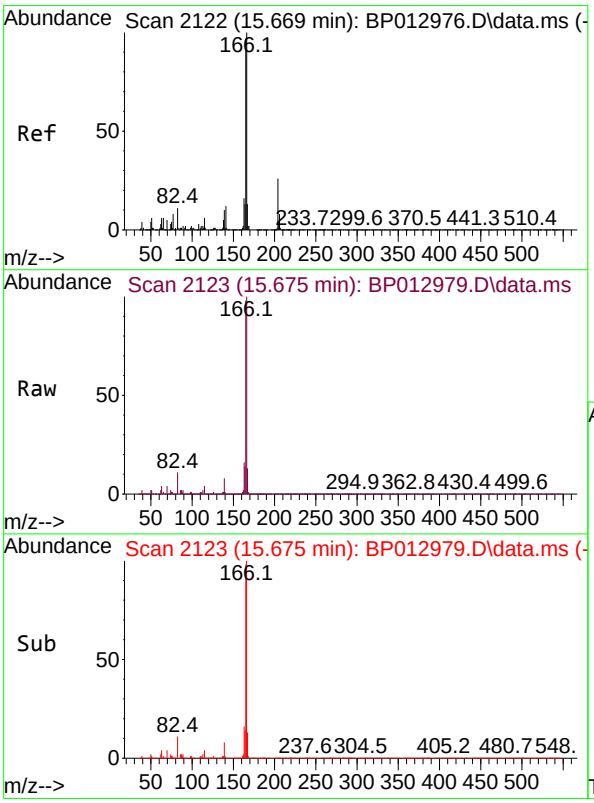
#52
Acenaphthene
Concen: 24.241 ng/ul
RT: 14.687 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:153 Resp: 2416092

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.2	57.4
154	87.8	70.8	106.2

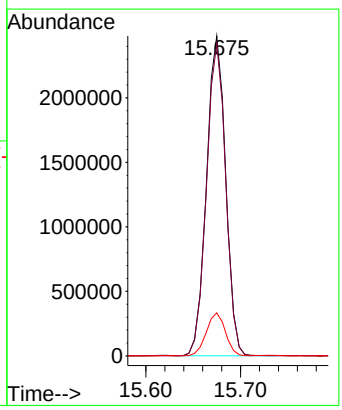


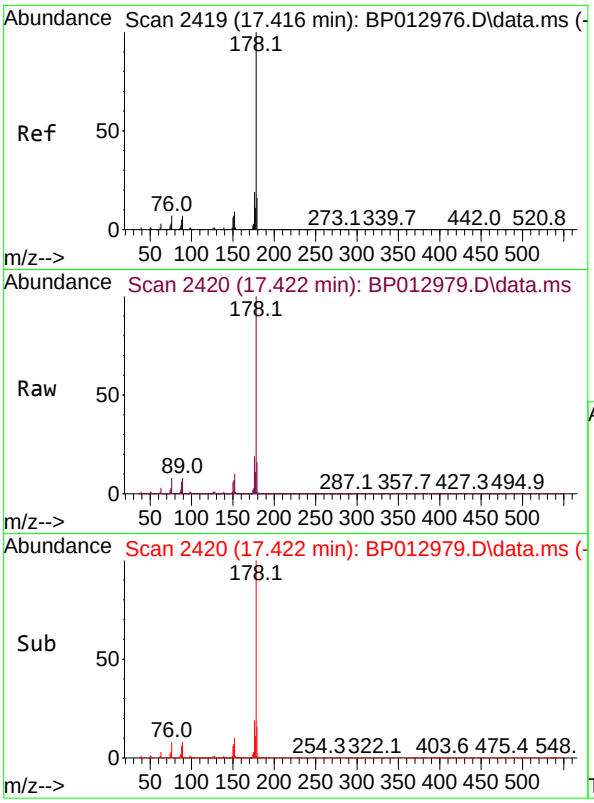


#61
Fluorene
Concen: 30.733 ng/ul
RT: 15.675 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:166 Resp: 3492751

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.4	116.2
167	13.4	10.6	16.0



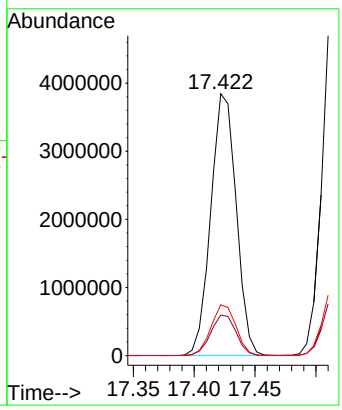


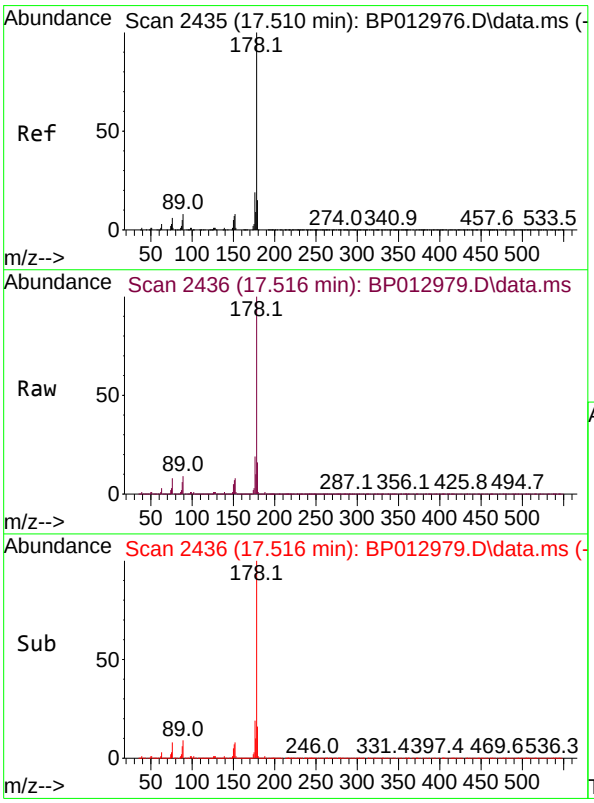
#72
Phenanthrene
Concen: 29.447 ng/ul
RT: 17.422 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:178 Resp: 5594386

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.4	15.4	23.0

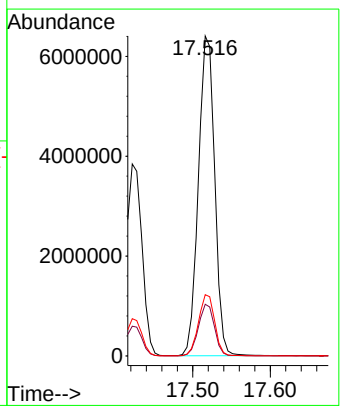


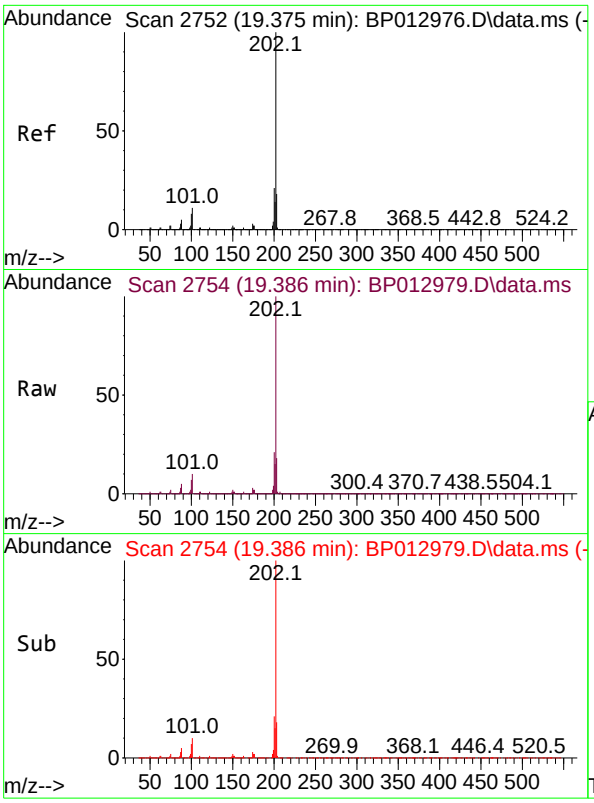


#74
Anthracene
Concen: 49.349 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:178 Resp: 9361242

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.1	14.8	22.2



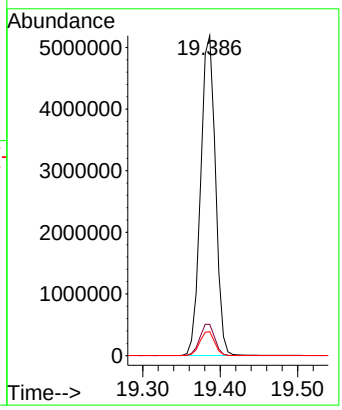


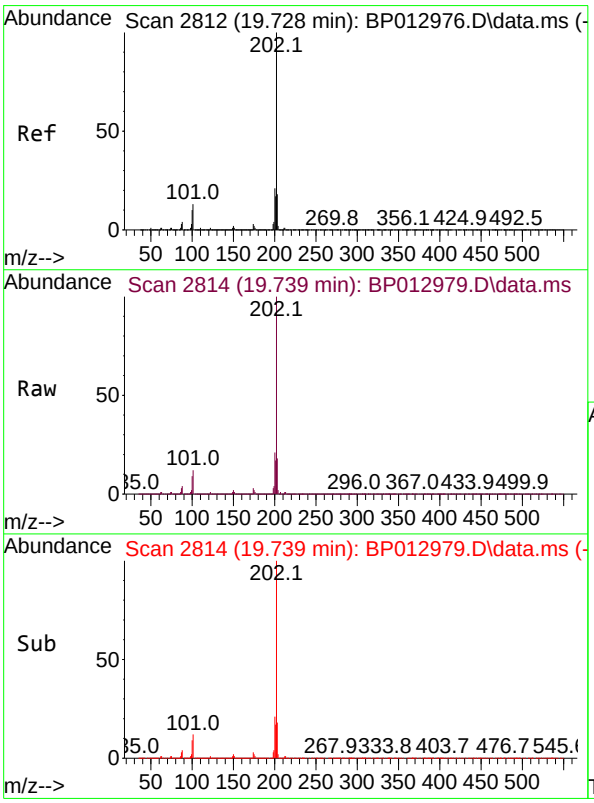
#80
Fluoranthene
Concen: 30.126 ng/ul
RT: 19.386 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:202 Resp: 6889463

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.2
100	7.5	6.1	9.1

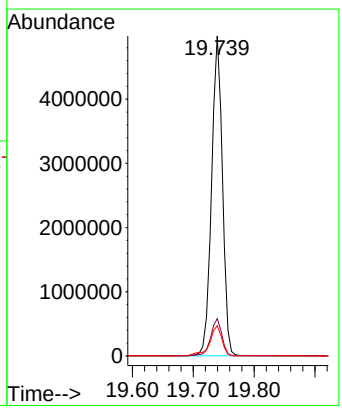


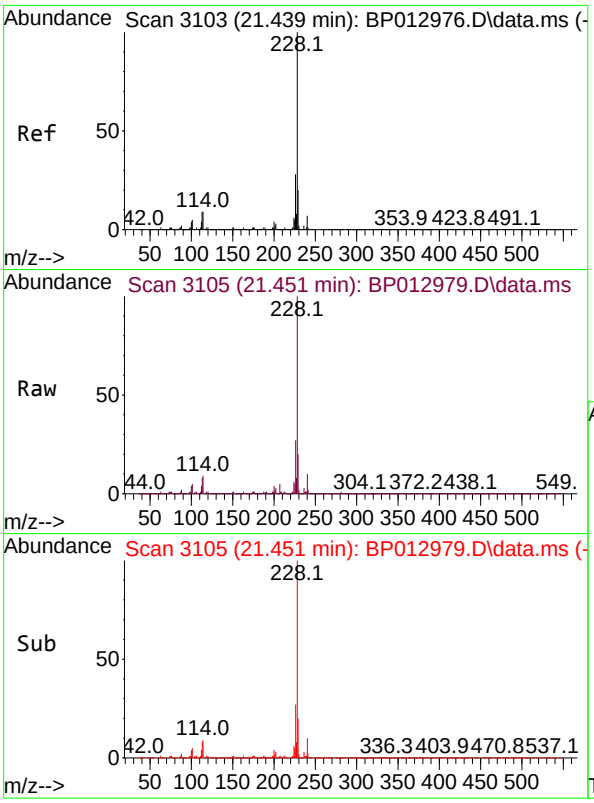


#82
Pyrene
Concen: 26.227 ng/ul
RT: 19.739 min Scan# 2814
Delta R.T. 0.012 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:202 Resp: 6187109

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
100	9.4	7.8	11.8



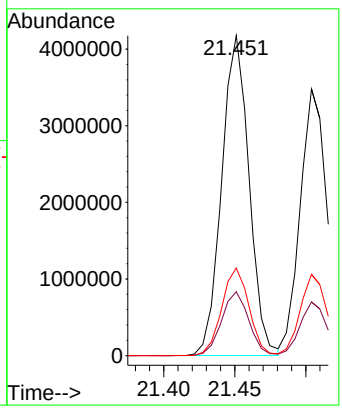


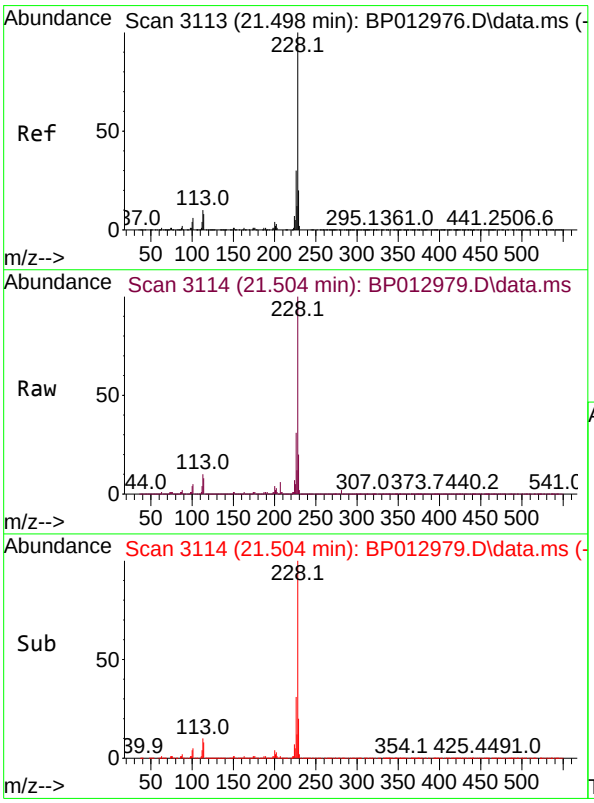
#85
Benzo(a)anthracene
Concen: 24.049 ng/ul
RT: 21.451 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:228 Resp: 5604142

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.1	24.1
226	27.4	22.0	33.0

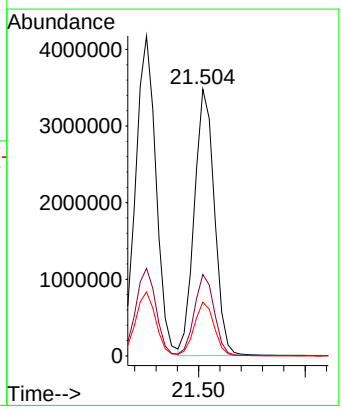


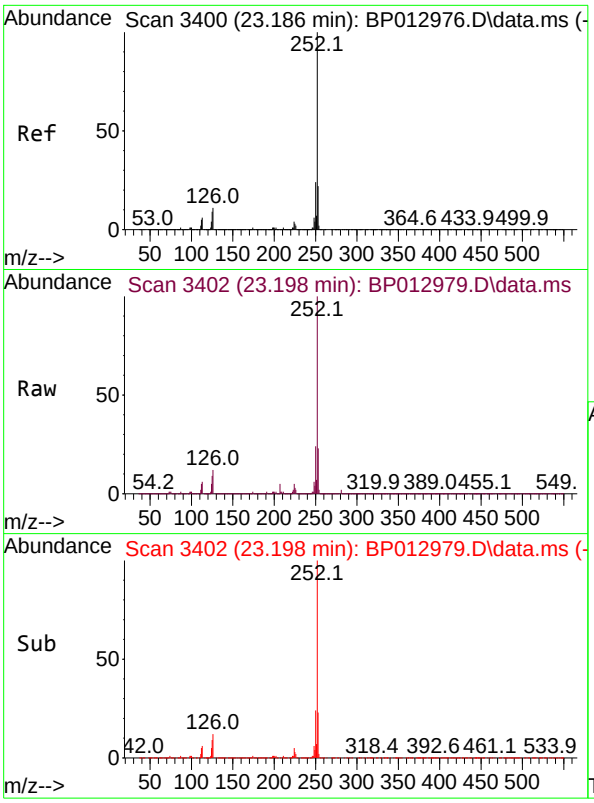


#87
Chrysene
Concen: 20.620 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:228 Resp: 4544075

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	20.1	16.0	24.0



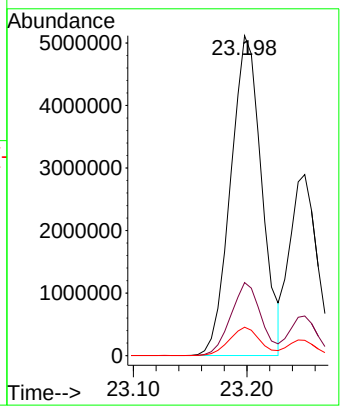


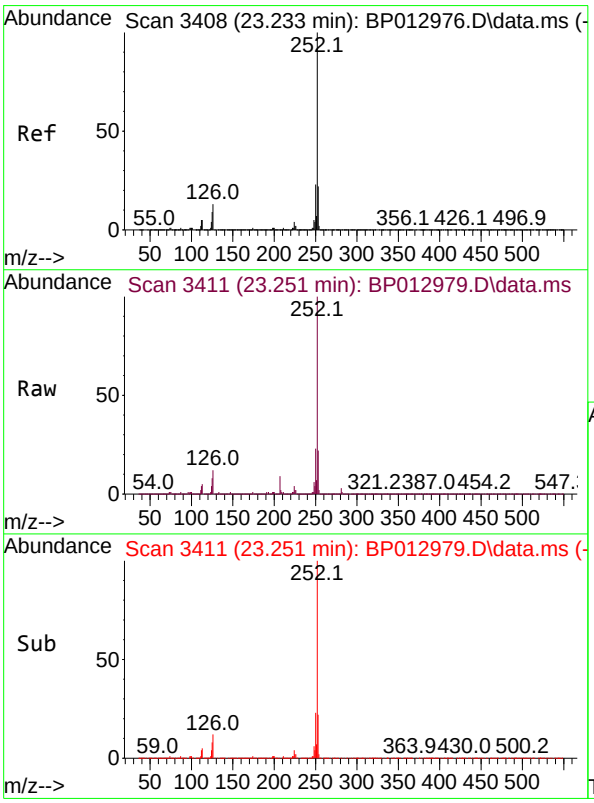
#90
Benzo(b)fluoranthene
Concen: 39.989 ng/ul
RT: 23.198 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:252 Resp: 9709862

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.9	6.8	10.2

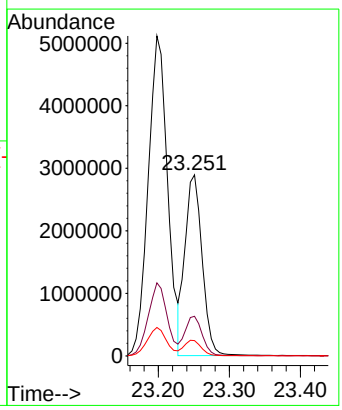


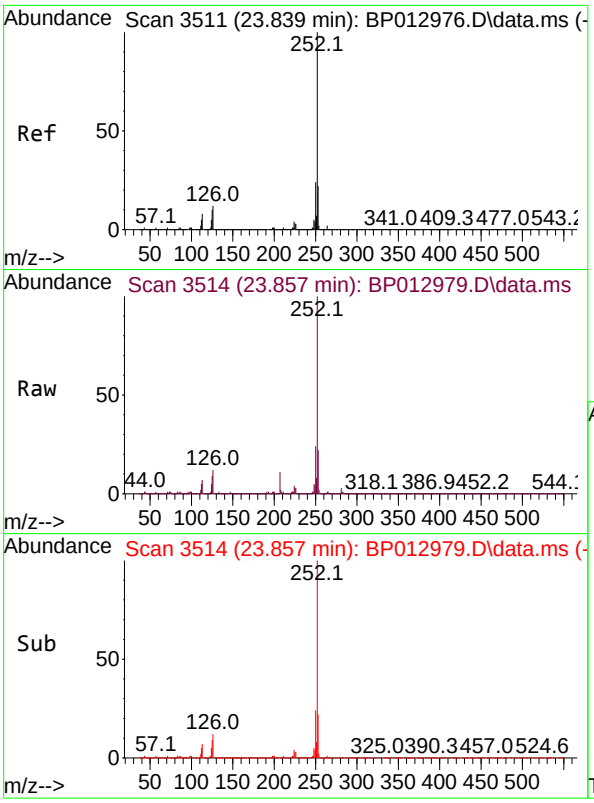


#91
Benzo(k)fluoranthene
Concen: 20.224 ng/ul
RT: 23.251 min Scan# 3411
Delta R.T. 0.018 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:252 Resp: 4869488

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.5	6.8	10.2



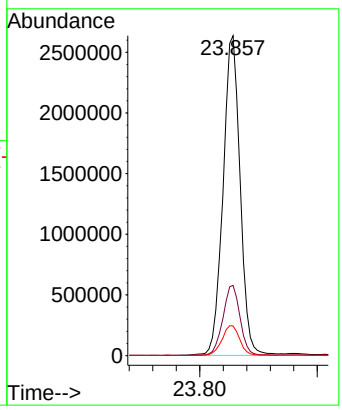


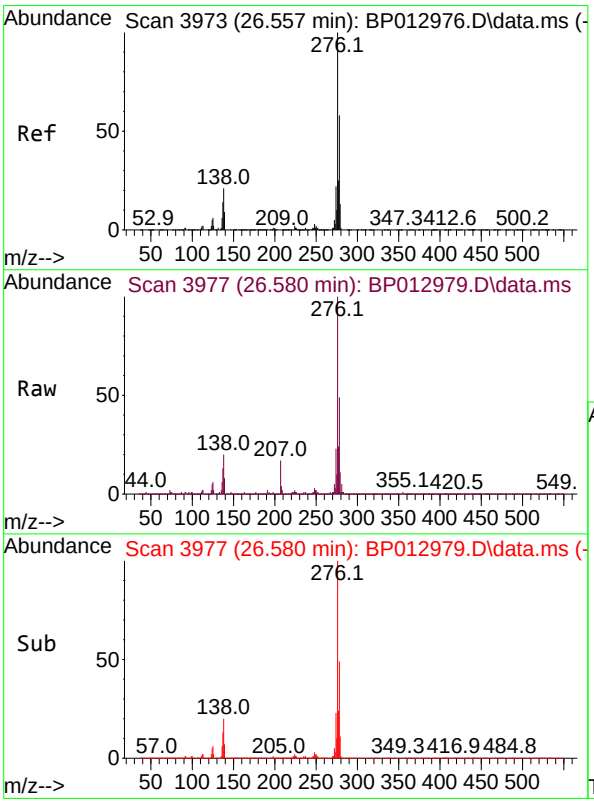
#93
Benzo(a)pyrene
Concen: 25.135 ng/ul
RT: 23.857 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:252 Resp: 5314227

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.3	7.5	11.3

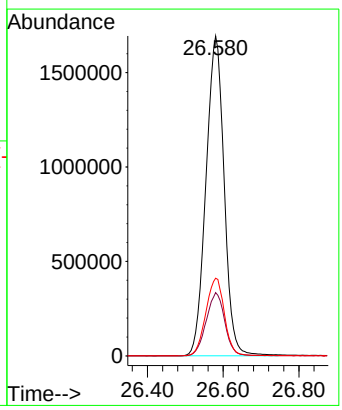


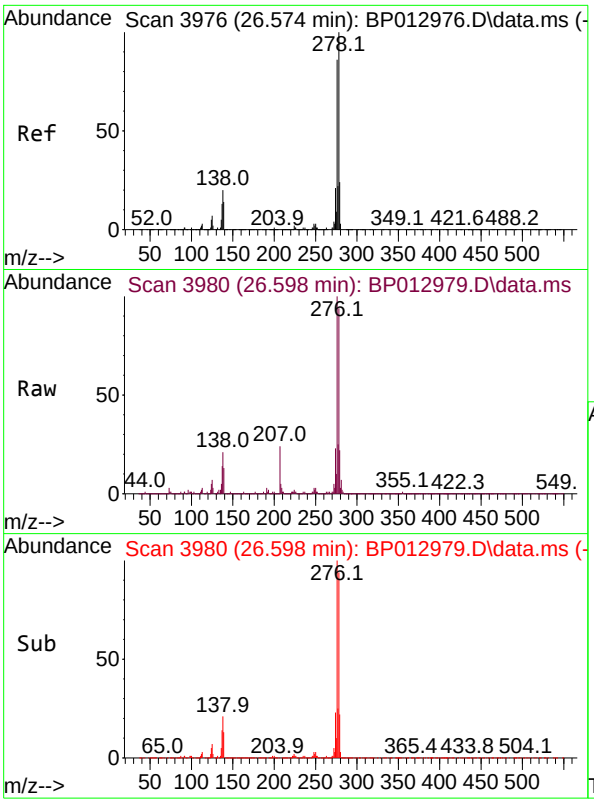


#94
Indeno(1,2,3-cd)pyrene
Concen: 21.446 ng/ul
RT: 26.580 min Scan# 3977
Delta R.T. 0.024 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:276 Resp: 5648028

Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.1	25.7
277	24.3	20.0	30.0



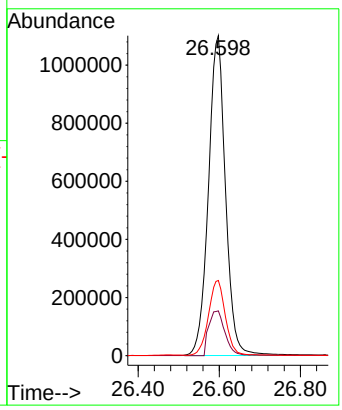


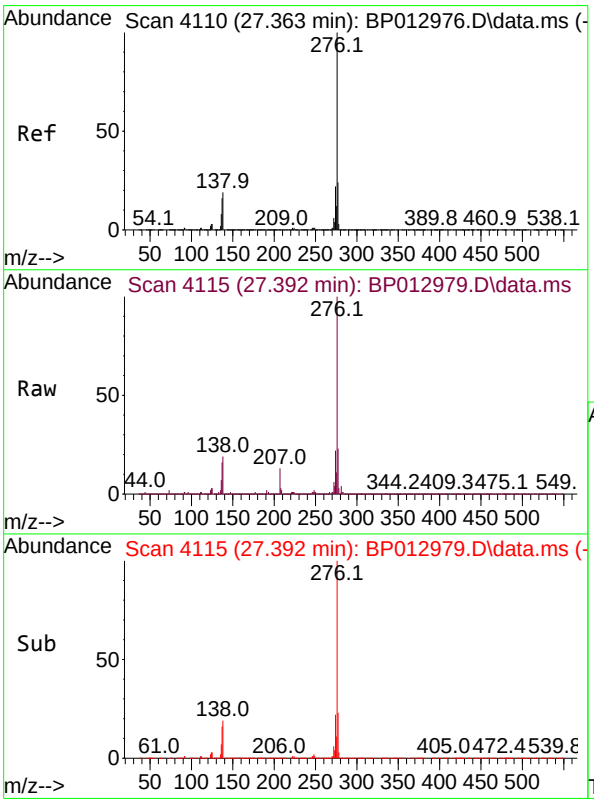
#95
Dibenzo(a,h)anthracene
Concen: 14.800 ng/ul
RT: 26.598 min Scan# 3
Delta R.T. 0.030 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Instrument :
BNA_P
ClientSampleId :
DBXJ9

Tgt Ion:278 Resp: 3227144

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.1	16.7
279	23.5	19.0	28.6





#96
Benzo(g,h,i)perylene
Concen: 35.388 ng/ul
RT: 27.392 min Scan# 4115
Delta R.T. 0.041 min
Lab File: BP012979.D
Acq: 08 Dec 2022 11:31

Tgt Ion:276 Resp: 7482010

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.4	23.2
277	23.3	19.1	28.7