Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013038.D
Acq On : 10 Dec 2022 14:11
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Quant Time: Dec 11 23:50:27 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	7.969	152	656001	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	2896825	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1920640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4236265	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3688220	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3553917	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	3075	0.200	ng/uL	0.00
4) Pyridine-d5	3.805	84	29218	0.670	ng/ul	0.02
7) Phenol-d5	7.122	99	66347	1.242	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	44140	1.369	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.499	132	56184	1.336	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	50400	1.151	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	24918	1.171	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	25577	1.067	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	55518	1.193	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	56750	0.864	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	207075	1.403	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	212179	1.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	11435	0.431	ng/ul	0.00
60) Fluorene-d10	15.604	176	188072	1.506	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	15827	0.581	ng/ul	-0.01
73) Anthracene-d10	17.469	188	300738	1.574	ng/ul	0.00
81) Pyrene-d10	19.692	212	349795	1.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	257735	1.455	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.834	128	158876	1.049	ng/ul	100
36) 2-Methylnaphthalene	12.440	142	107767	1.037	ng/ul	96
52) Acenaphthene	14.675	153	348030	2.880	ng/ul	98
56) Dibenzofuran	15.004	168	614797	3.578	ng/ul	97
61) Fluorene	15.657	166	1216434	8.828	ng/ul	99
72) Phenanthrene	17.410	178	5195395	23.546	ng/ul	100
74) Anthracene	17.410	178	5195395	23.581	ng/ul	99
77) Carbazole	17.769	167	2839400	15.303	ng/ul	99
80) Fluoranthene	19.375	202	12423948	51.706	ng/ul	98
82) Pyrene	19.728	202	10690854	43.133	ng/ul	99
85) Benzo(a)anthracene	21.433	228	3176071	12.972	ng/ul	99
87) Chrysene	21.492	228	5166415	22.313	ng/ul	99
90) Benzo(b)fluoranthene	23.180	252	3717586	16.404	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	3717586	16.543	ng/ul	99
93) Benzo(a)pyrene	23.827	252	1538032	7.794	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.533	276	703424	2.862	ng/ul	99
96) Benzo(g,h,i)perylene	27.339	276	482829	2.447	ng/ul	99

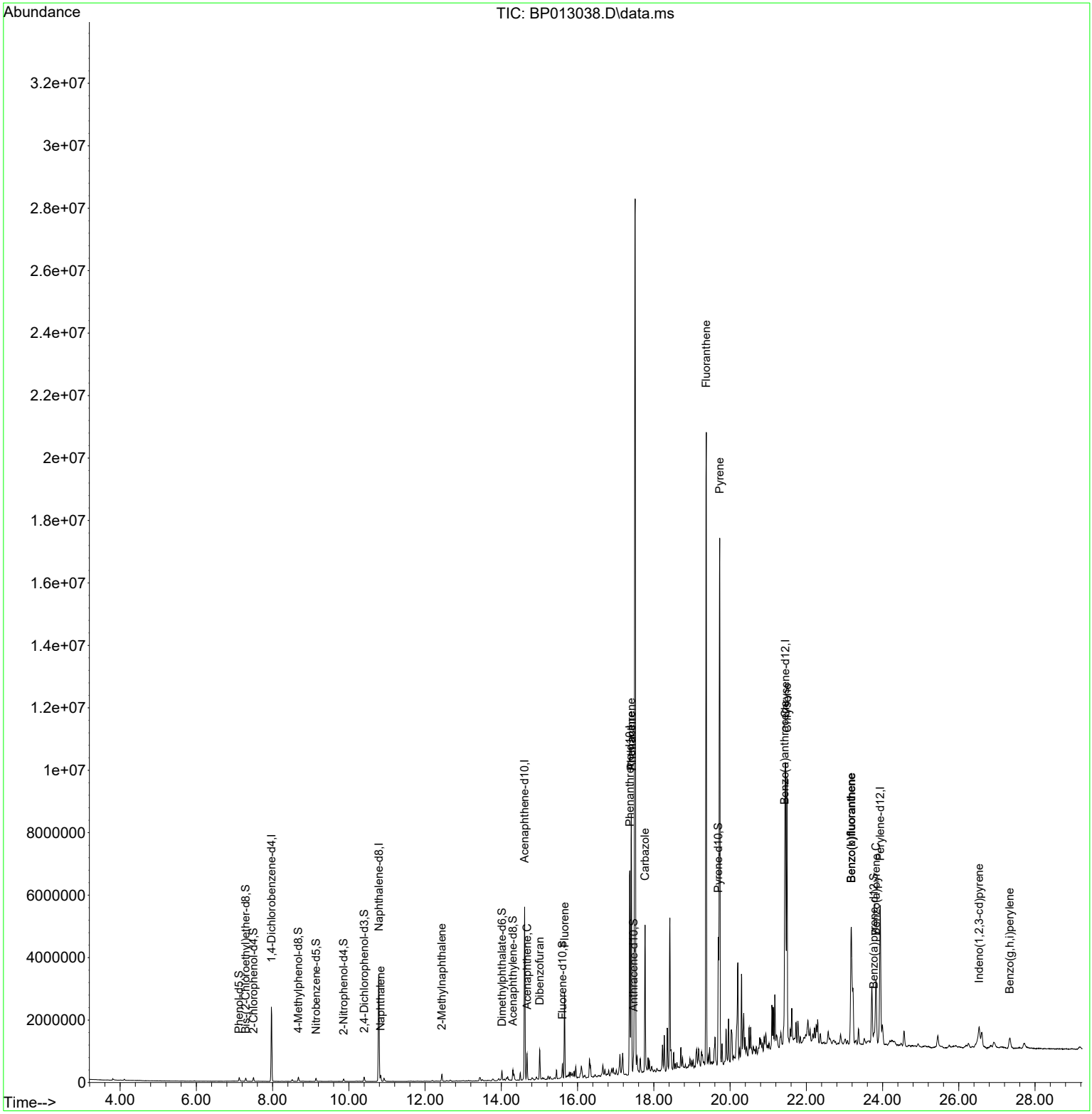
(#) = qualifier out of range (m) = manual integration (+) = signals summed

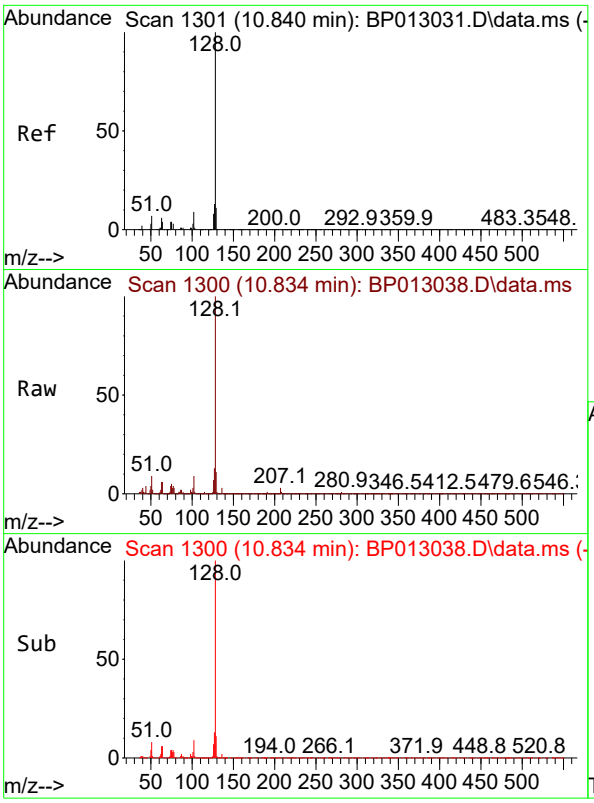
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013038.D
Acq On : 10 Dec 2022 14:11
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Quant Time: Dec 11 23:50:27 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



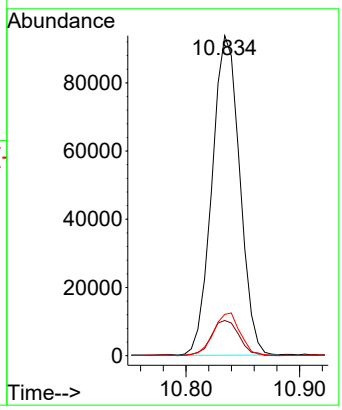


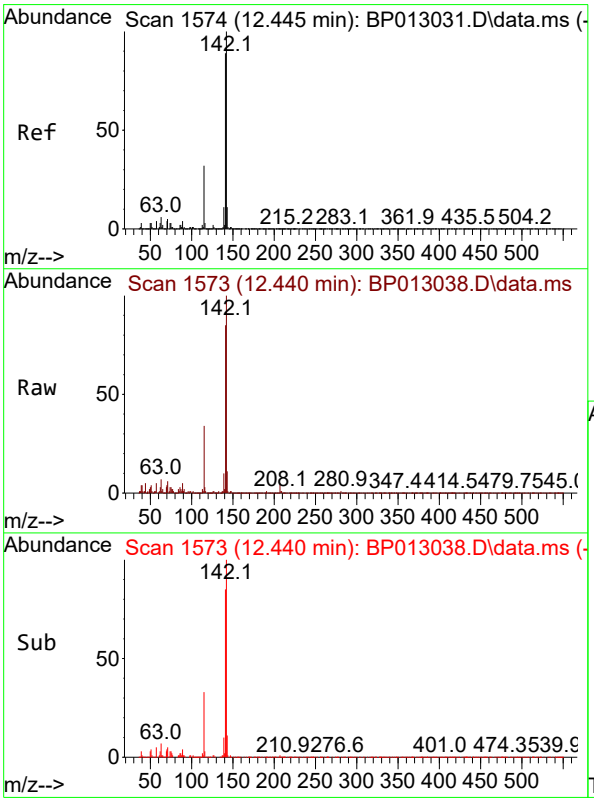
#30
Naphthalene
Concen: 1.049 ng/ul
RT: 10.834 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:128 Resp: 158876

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.4	15.6

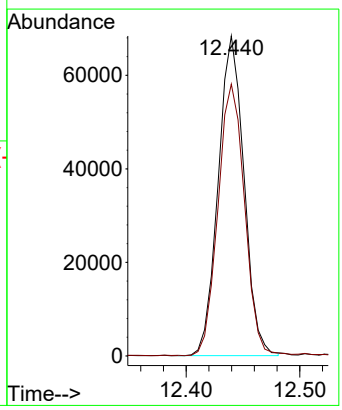


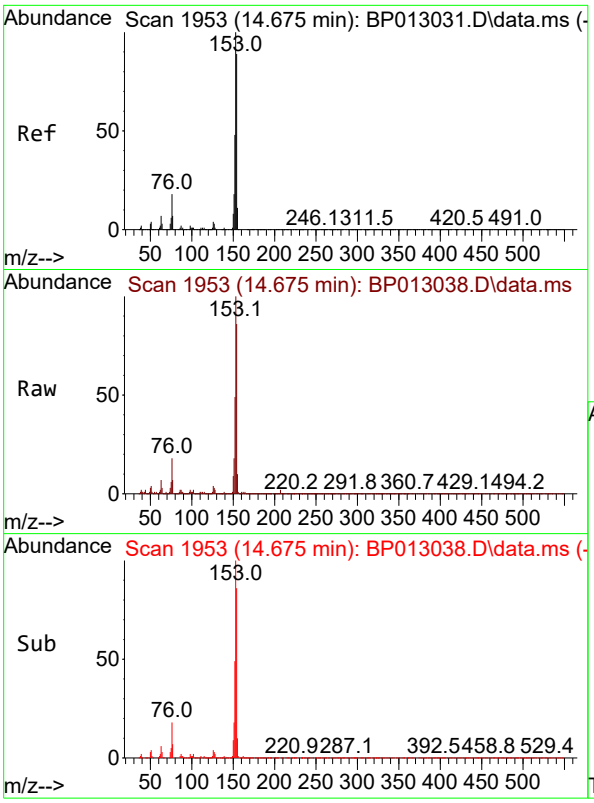


#36
2-Methylnaphthalene
Concen: 1.037 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:142 Resp: 107767

Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.8	106.2



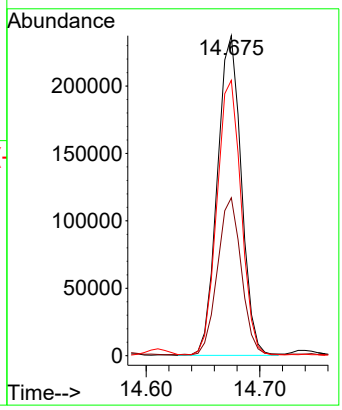


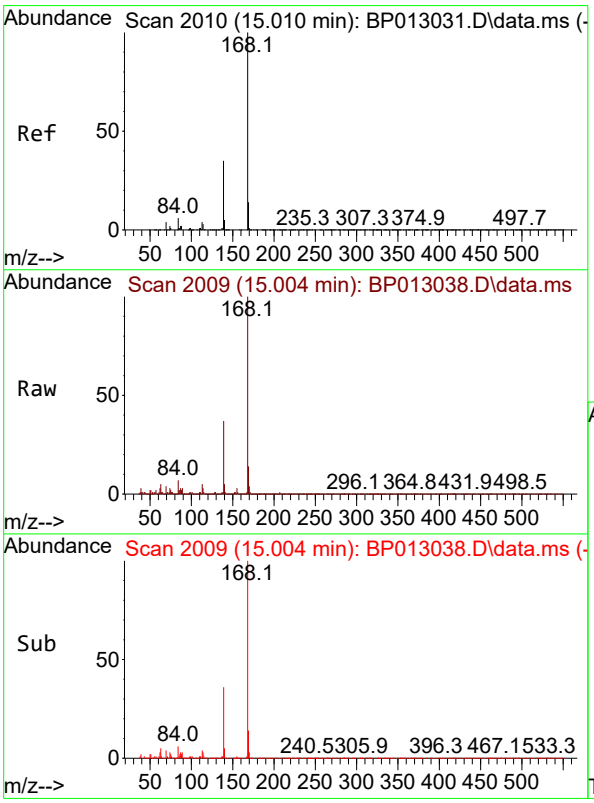
#52
Acenaphthene
Concen: 2.880 ng/ul
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:153 Resp: 348030

Ion	Ratio	Lower	Upper
153	100		
152	49.3	38.2	57.4
154	86.1	70.8	106.2

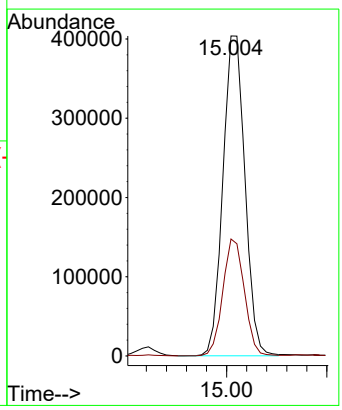


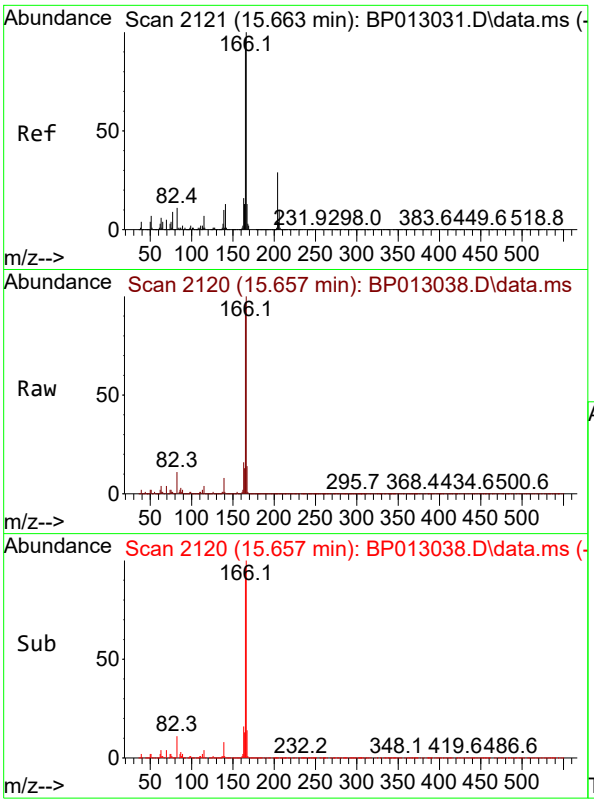


#56
Dibenzofuran
Concen: 3.578 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:168 Resp: 614797

Ion	Ratio	Lower	Upper
168	100		
139	36.6	27.9	41.9



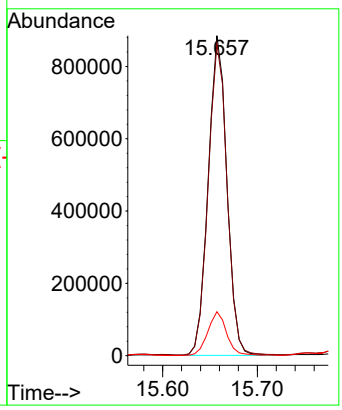


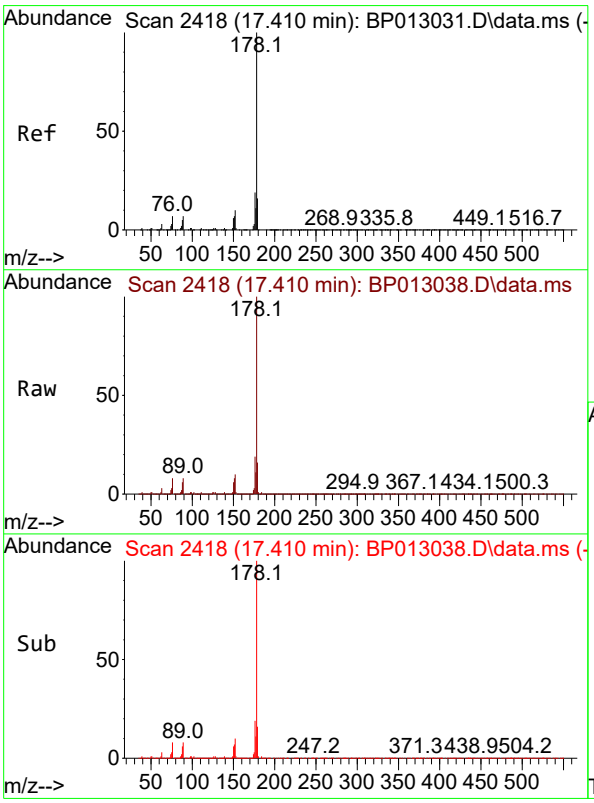
#61
Fluorene
Concen: 8.828 ng/ul
RT: 15.657 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:166 Resp: 1216434

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.2
167	13.7	10.6	16.0

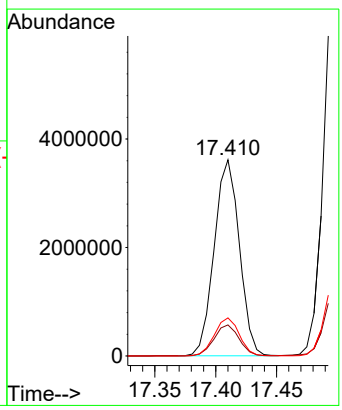


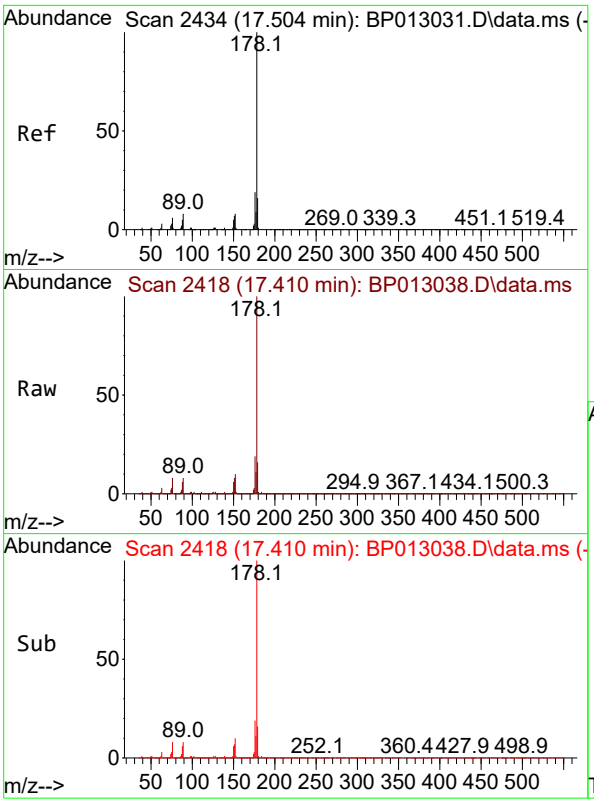


#72
Phenanthrene
Concen: 23.546 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:178 Resp: 5195395

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.4	15.4	23.0



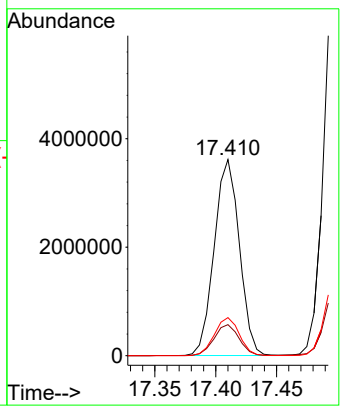


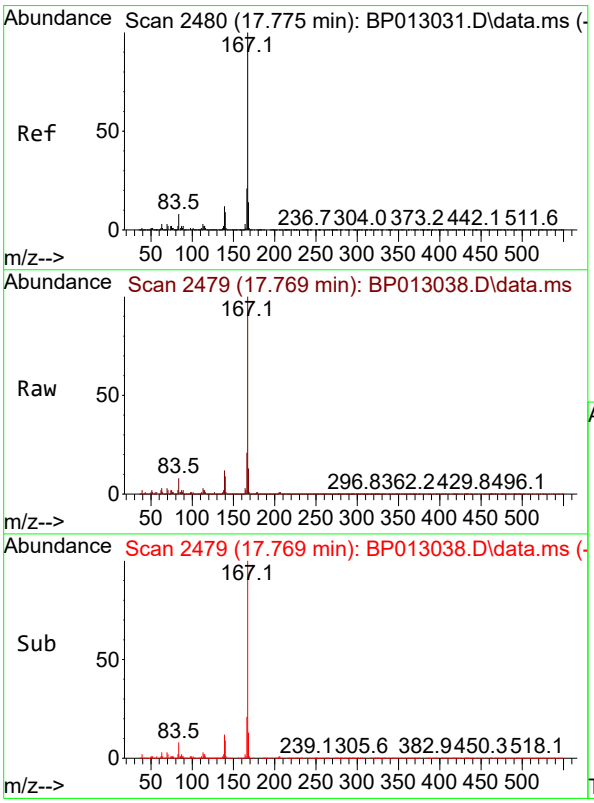
#74
Anthracene
Concen: 23.581 ng/ul
RT: 17.410 min Scan# 24
Delta R.T. -0.100 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:178 Resp: 5195395

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.4	14.8	22.2

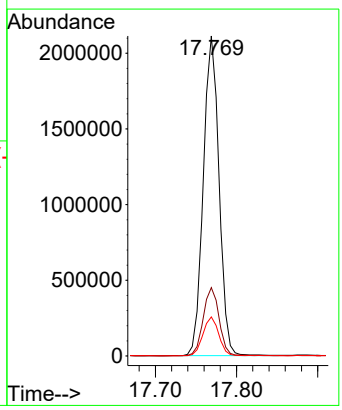


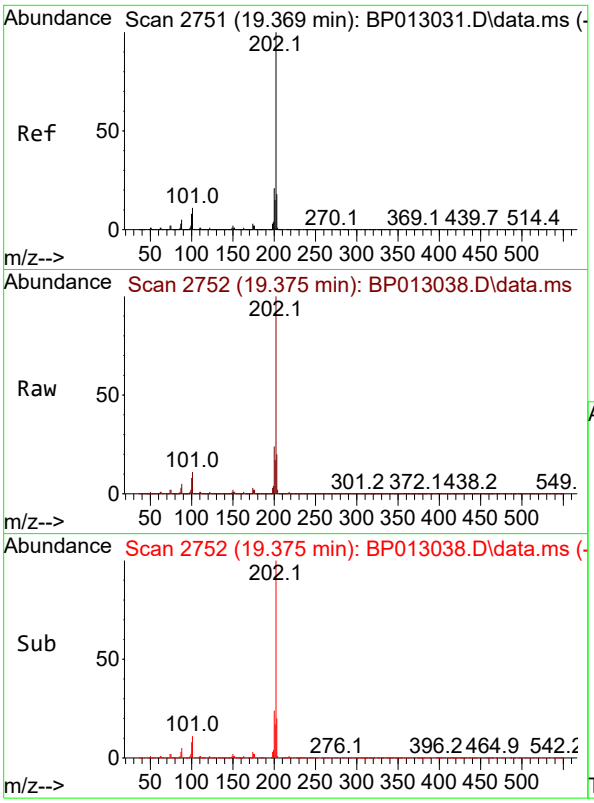


#77
Carbazole
Concen: 15.303 ng/ul
RT: 17.769 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:167 Resp: 2839400

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.2	9.4	14.2



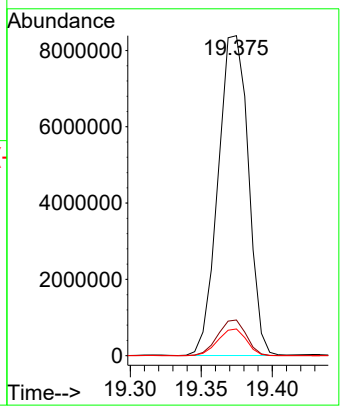


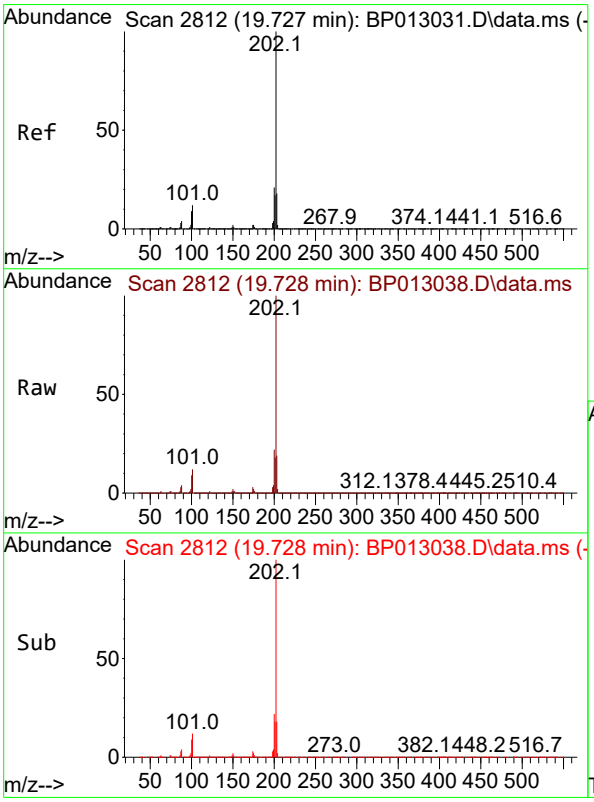
#80
Fluoranthene
Concen: 51.706 ng/ul
RT: 19.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:202 Resp:12423948

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.2
100	8.4	6.1	9.1

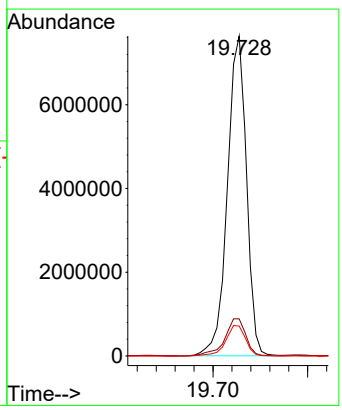


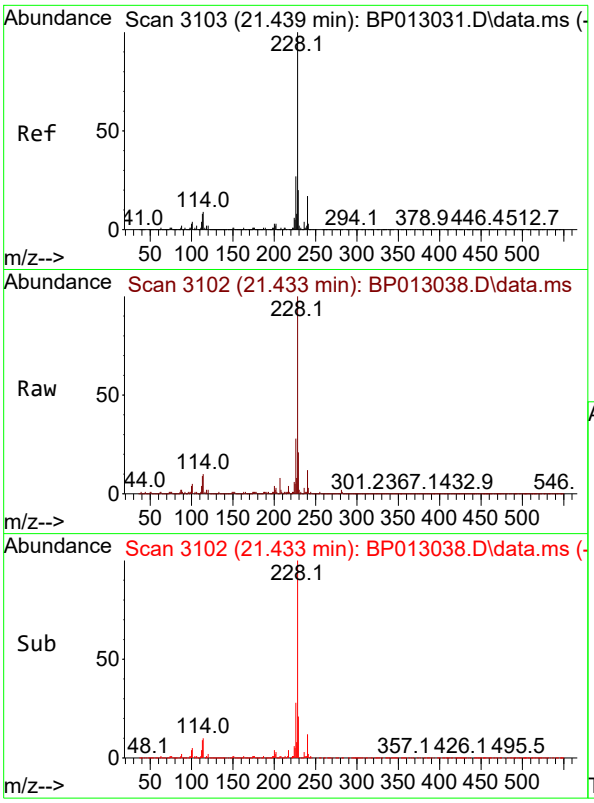


#82
Pyrene
Concen: 43.133 ng/ul
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:202 Resp:10690854

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
100	9.3	7.8	11.8



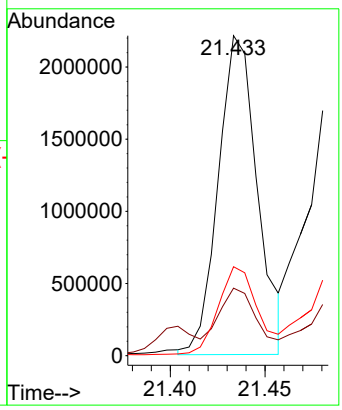


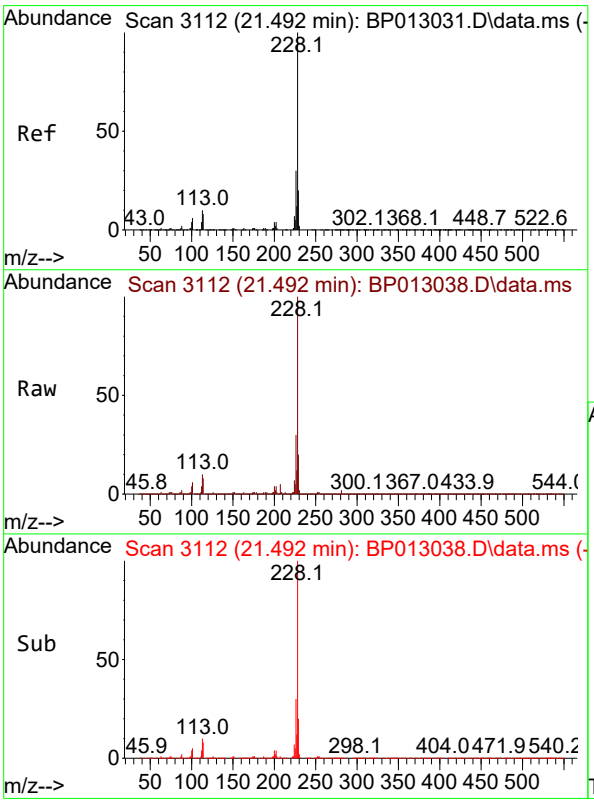
#85
Benzo(a)anthracene
Concen: 12.972 ng/ul
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:228 Resp: 3176071

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.1	24.1
226	27.8	22.0	33.0

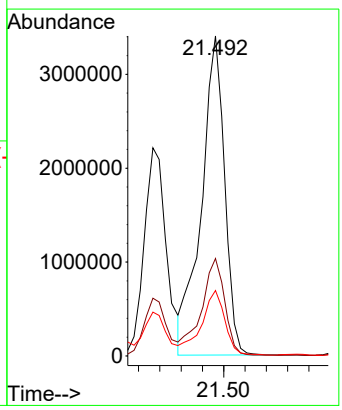


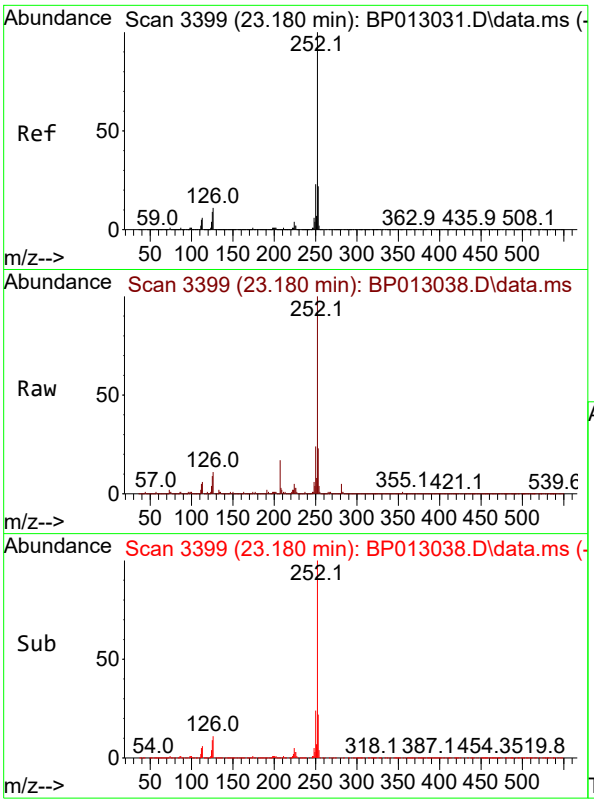


#87
Chrysene
Concen: 22.313 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:228 Resp: 5166415

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	20.5	16.0	24.0



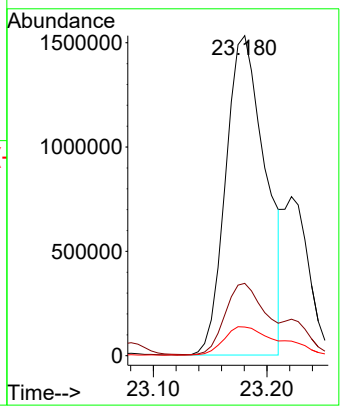


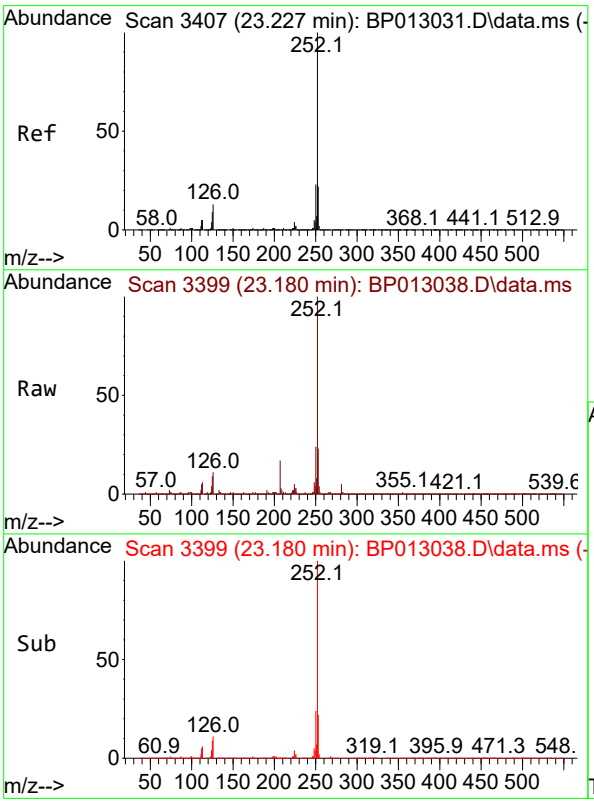
#90
Benzo(b)fluoranthene
Concen: 16.404 ng/ul
RT: 23.180 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:252 Resp: 3717586

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.0	6.8	10.2

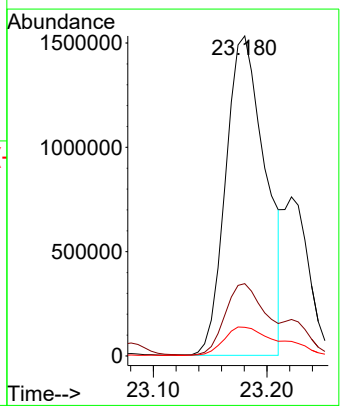


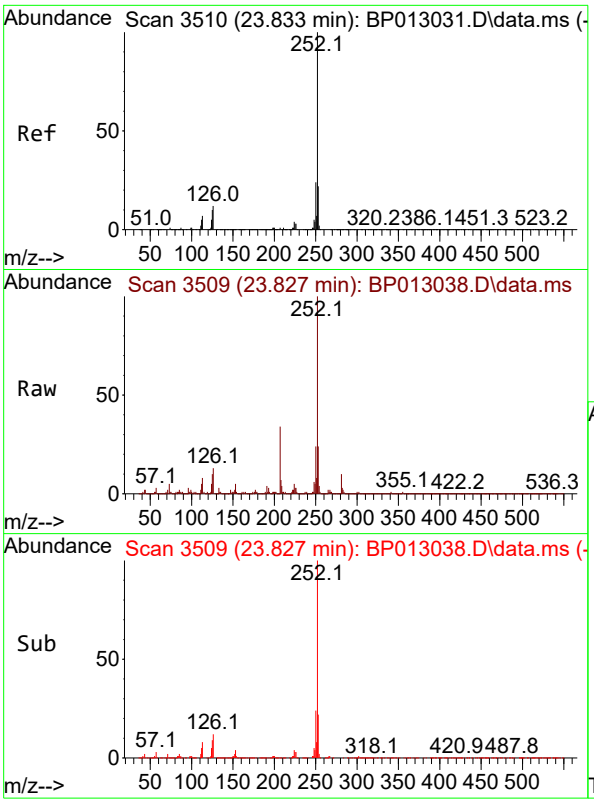


#91
Benzo(k)fluoranthene
Concen: 16.543 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.053 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:252 Resp: 3717586

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.0	6.8	10.2



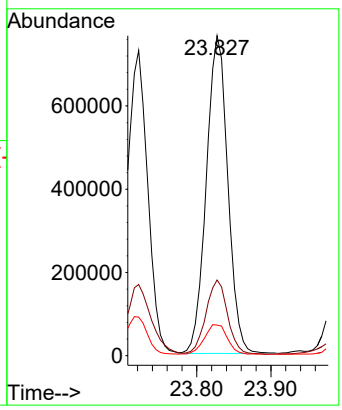


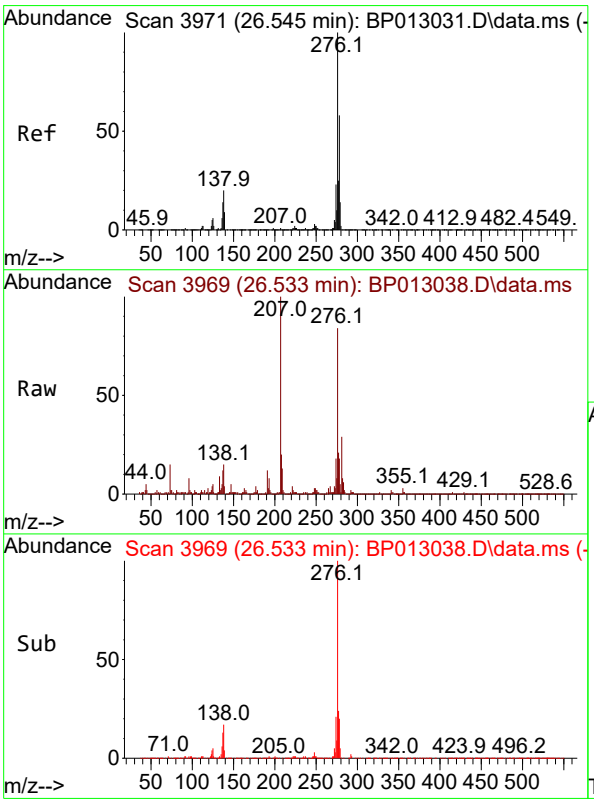
#93
Benzo(a)pyrene
Concen: 7.794 ng/ul
RT: 23.827 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:252 Resp: 1538032

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	9.6	7.5	11.3

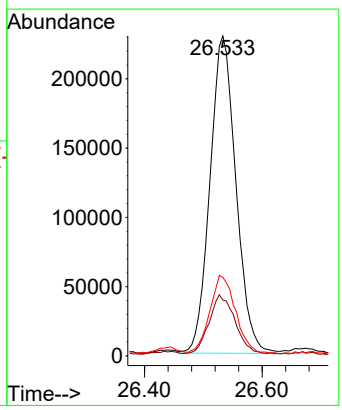


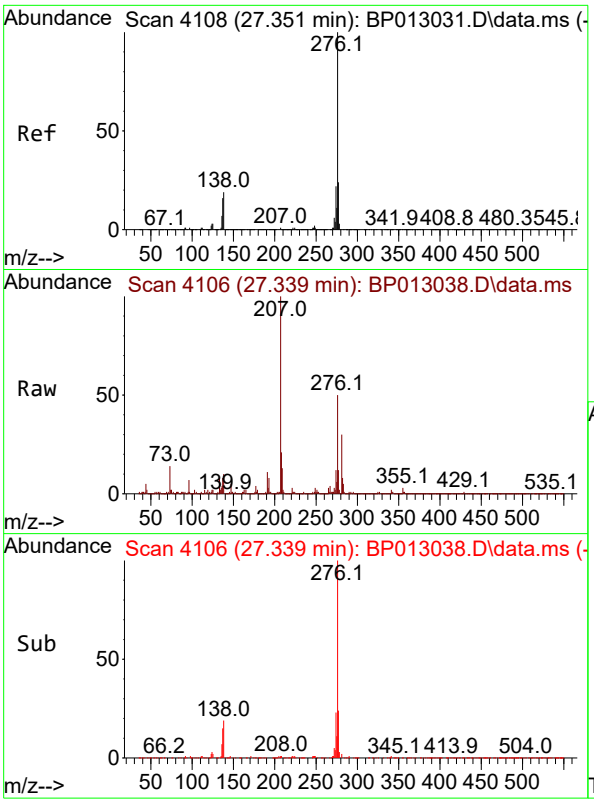


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.862 ng/ul
RT: 26.533 min Scan# 3969
Delta R.T. -0.023 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Tgt Ion:276 Resp: 703424

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.1	25.7
277	24.5	20.0	30.0





#96
Benzo(g,h,i)perylene
Concen: 2.447 ng/ul
RT: 27.339 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP013038.D
Acq: 10 Dec 2022 14:11

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

Tgt Ion:276 Resp: 482829

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.4	23.2
277	24.6	19.1	28.7