Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013022.D
Acq On : 09 Dec 2022 17:23
Operator : CG/JU
Sample : N5896-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN3

Quant Time: Dec 09 21:56:57 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	7.975	152	653067	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2830920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	1838895	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3963419	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3076923	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	2778777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	60721	3.975	ng/uL	0.00
4) Pyridine-d5	3.781	84	671436	15.475	ng/ul	0.00
7) Phenol-d5	7.128	99	1336799	25.131	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	781267	24.347	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1078952	25.766	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	1112174	25.517	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	541538	26.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	630358	26.920	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	1192436	26.217	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1376177	21.433	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	3667683	25.952	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4049209	26.074	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	432029	16.994	ng/ul	0.00
60) Fluorene-d10	15.604	176	3129746	26.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	488900	19.168	ng/ul	0.00
73) Anthracene-d10	17.469	188	4862642	27.195	ng/ul	0.00
81) Pyrene-d10	19.698	212	5415718	30.664	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	3805447	27.475	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	505366	3.413	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	165910	1.633	ng/ul	97
50) Acenaphthylene	14.334	152	618517	3.705	ng/ul	99
52) Acenaphthene	14.675	153	197029	1.703	ng/ul	99
61) Fluorene	15.663	166	164976	1.251	ng/ul	98
71) Pentachlorophenol	17.016	266	239139	7.726	ng/ul	100
72) Phenanthrene	17.410	178	1986069	9.621	ng/ul	100
74) Anthracene	17.504	178	2052994	9.960	ng/ul	99
80) Fluoranthene	19.375	202	7216042	35.998	ng/ul	100
82) Pyrene	19.728	202	6452024	31.203	ng/ul	99
85) Benzo(a)anthracene	21.439	228	3257347	15.947	ng/ul	97
87) Chrysene	21.498	228	3074962	15.919	ng/ul	98
90) Benzo(b)fluoranthene	23.192	252	7090945	40.018	ng/ul	98
91) Benzo(k)fluoranthene	23.233	252	2011547	11.448	ng/ul	96
93) Benzo(a)pyrene	23.839	252	3232338	20.950	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.551	276	2834275	14.748	ng/ul	97
95) Dibenzo(a,h)anthracene	26.563	278	706057	4.437	ng/ul#	85
96) Benzo(g,h,i)perylene	27.362	276	2213047	14.344	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013022.D
Acq On : 09 Dec 2022 17:23
Operator : CG/JU
Sample : N5896-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN3

Quant Time: Dec 09 21:56:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
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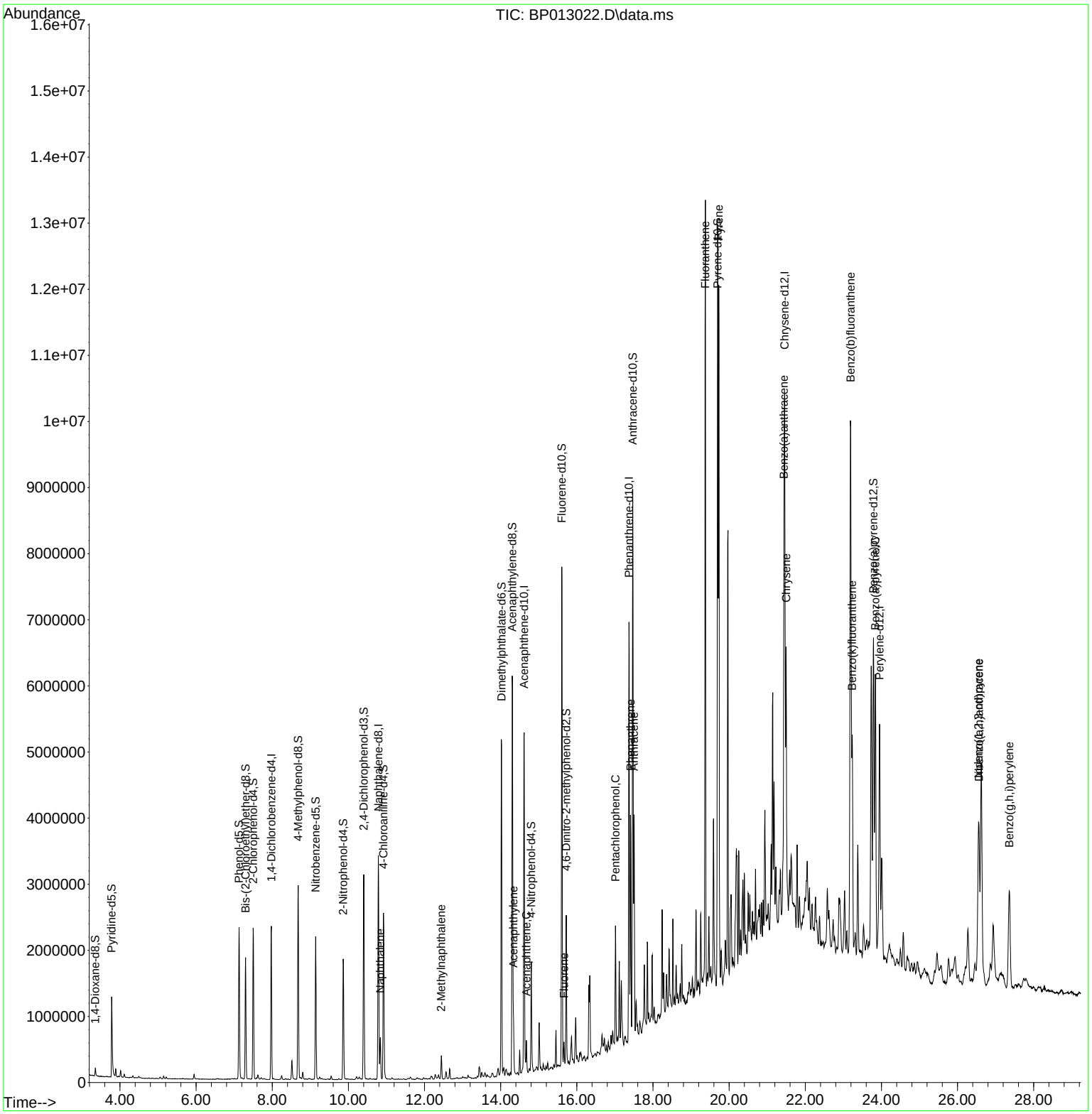
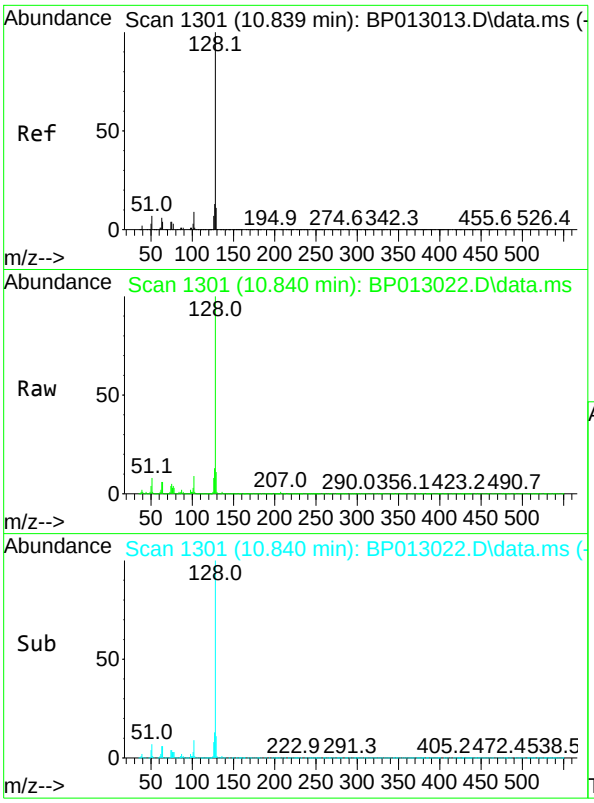
Response via : Initial Calibration



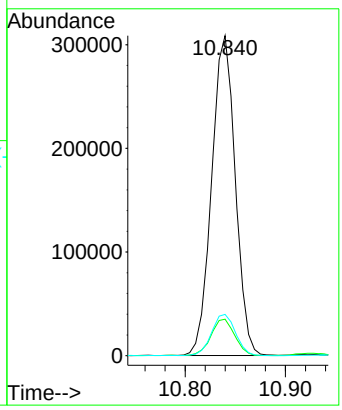


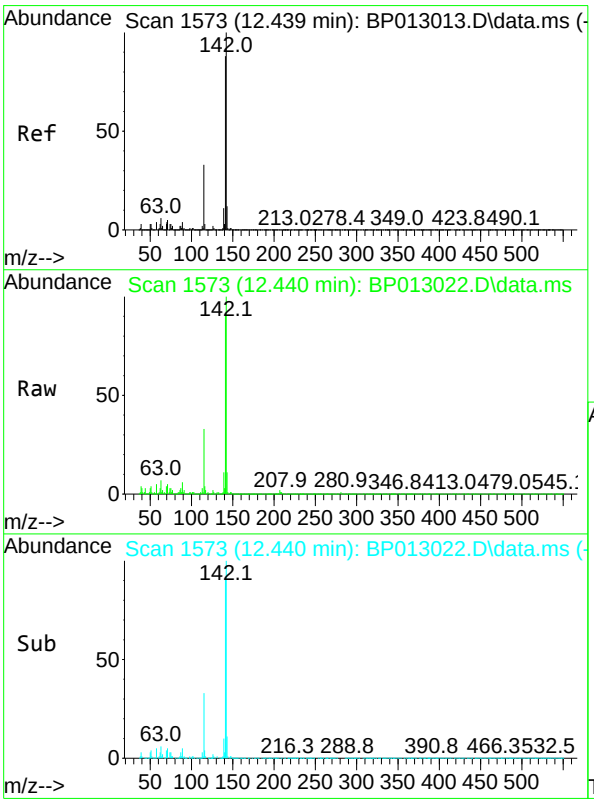
#30
Naphthalene
Concen: 3.413 ng/ul
RT: 10.840 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:128 Resp: 505366

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	12.9	10.4	15.6

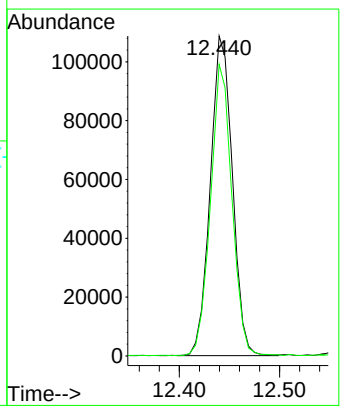


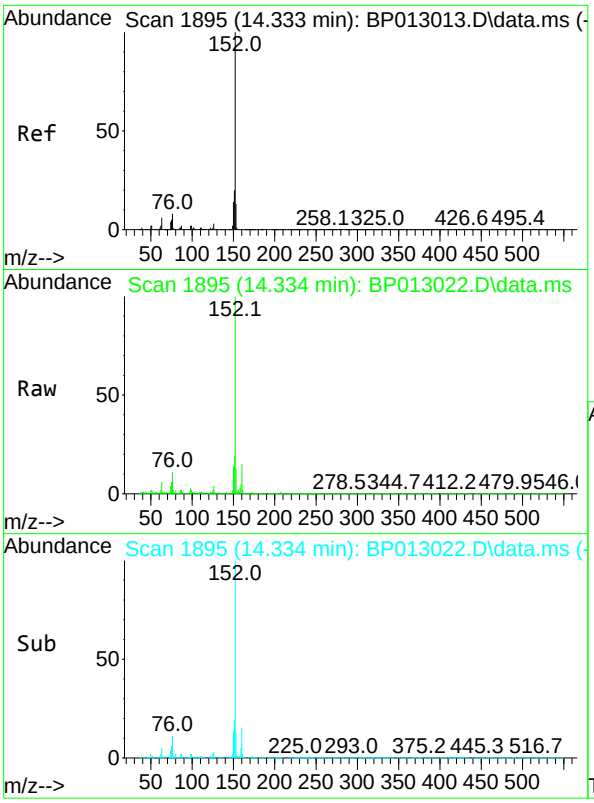


#36
2-Methylnaphthalene
Concen: 1.633 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:142 Resp: 165910

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2



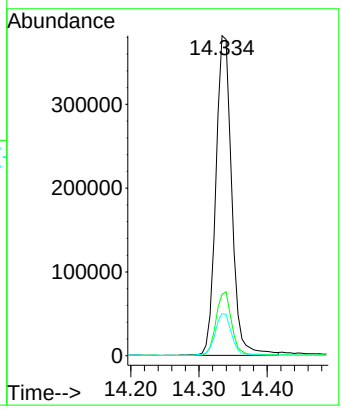


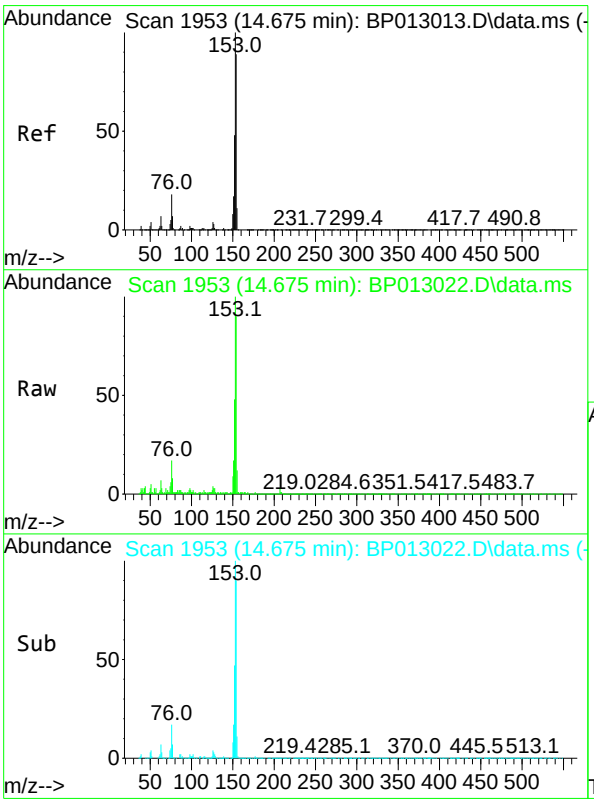
#50
Acenaphthylene
Concen: 3.705 ng/ul
RT: 14.334 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:152 Resp: 618517

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.2	10.6	16.0

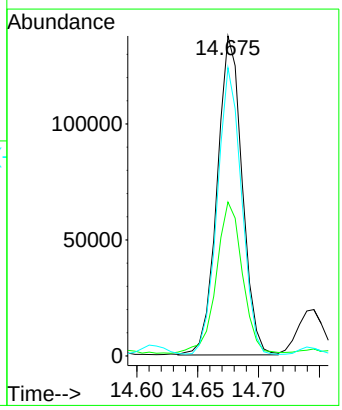


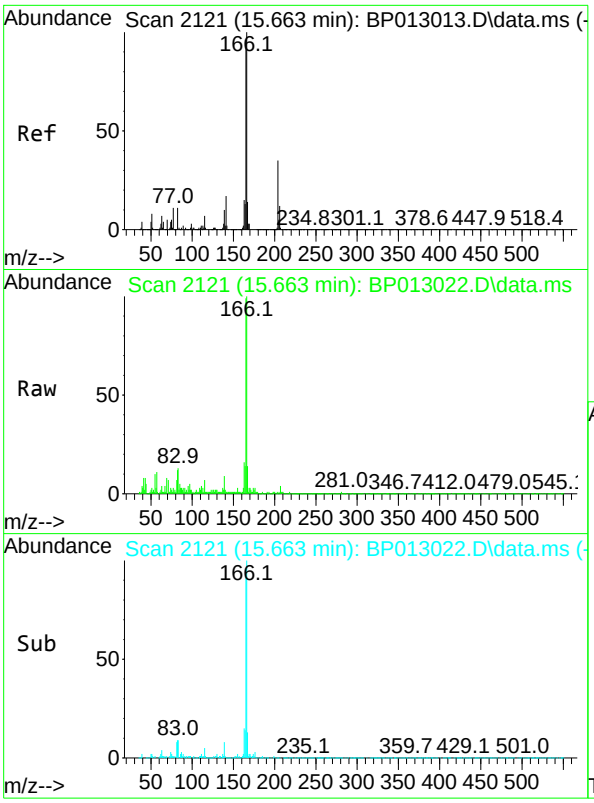


#52
Acenaphthene
Concen: 1.703 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:153 Resp: 197029

Ion	Ratio	Lower	Upper
153	100		
152	48.1	38.2	57.4
154	90.1	70.8	106.2



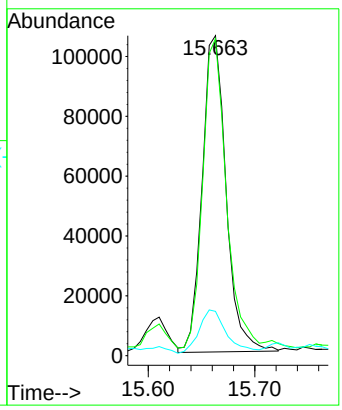


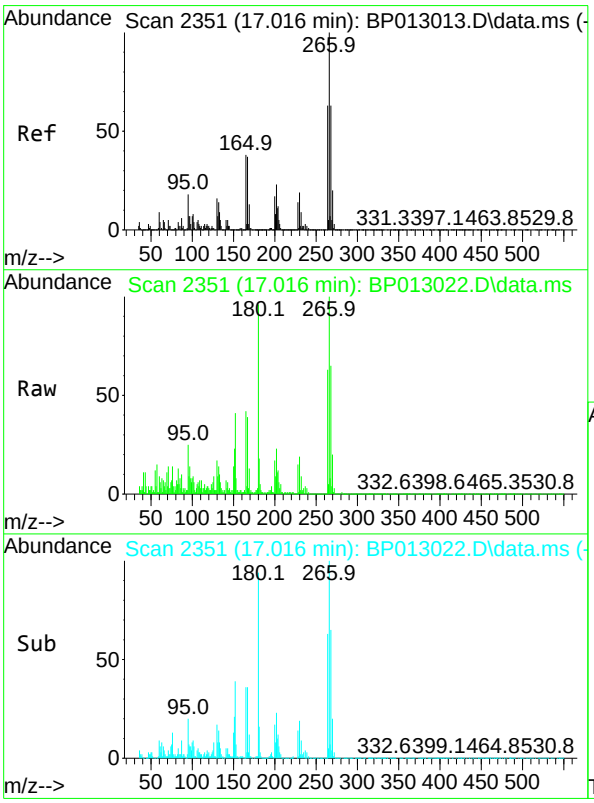
#61
Fluorene
Concen: 1.251 ng/ul
RT: 15.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:166 Resp: 164976

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.4	116.2
167	13.9	10.6	16.0

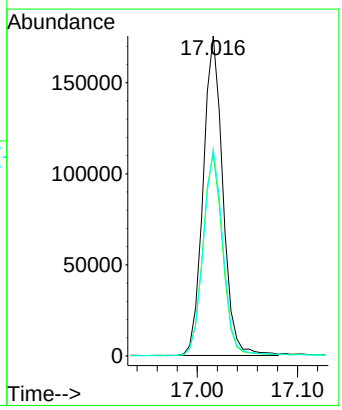


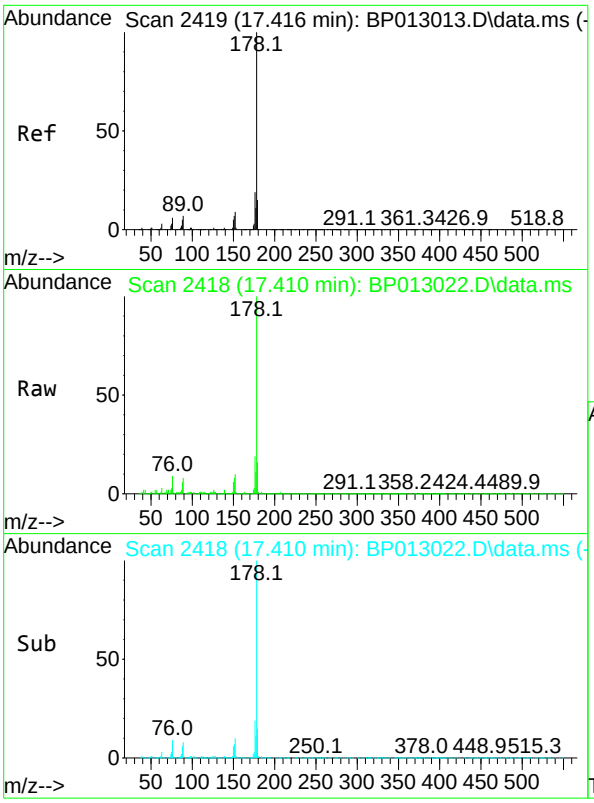


#71
Pentachlorophenol
Concen: 7.726 ng/ul
RT: 17.016 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:266 Resp: 239139

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.9	76.3
268	64.6	51.4	77.2



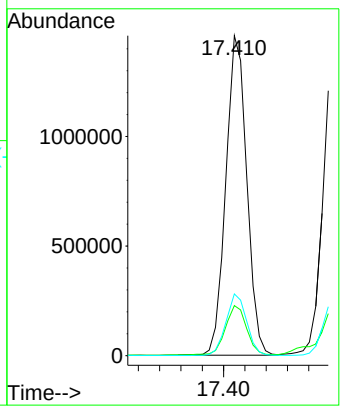


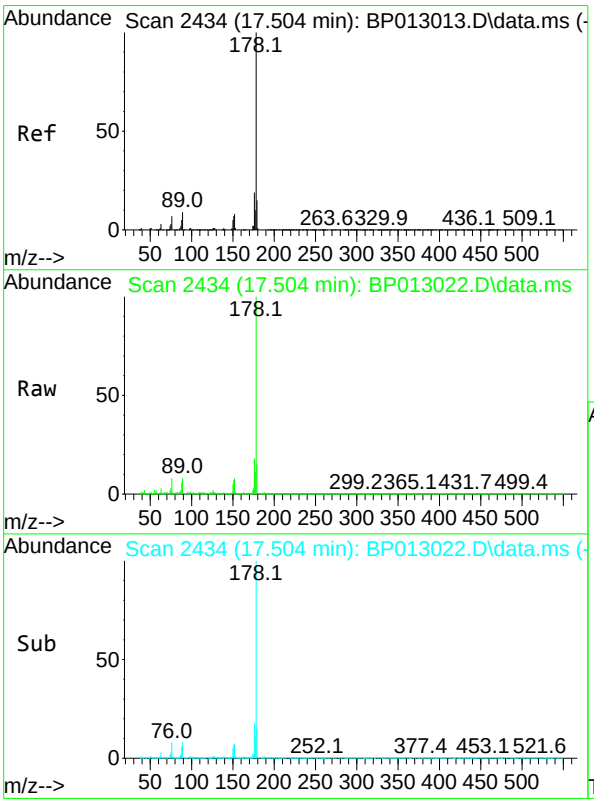
#72
Phenanthrene
Concen: 9.621 ng/ul
RT: 17.410 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:178 Resp: 1986069

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.3	15.4	23.0

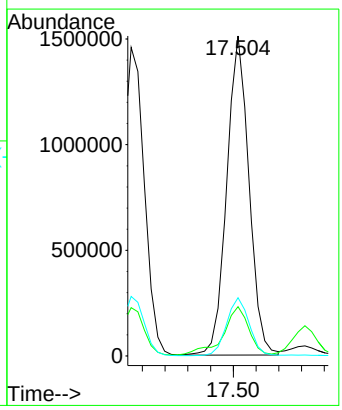


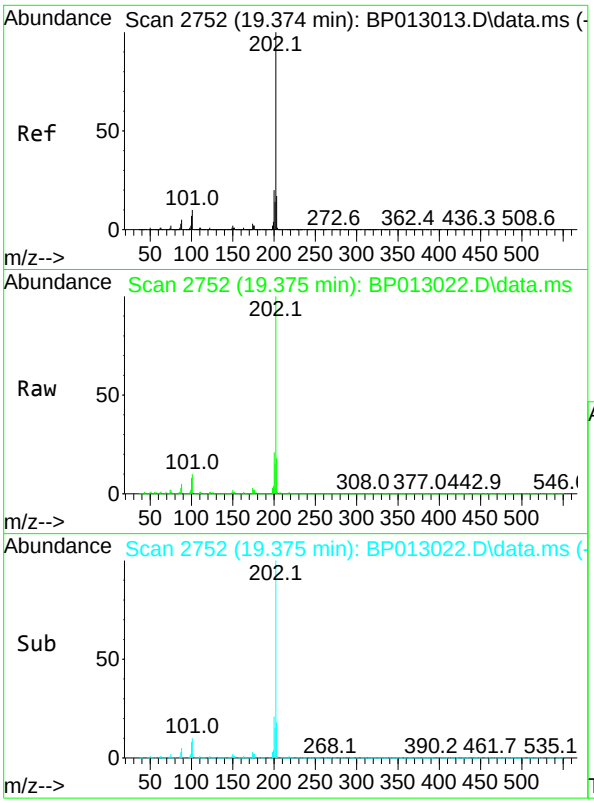


#74
Anthracene
Concen: 9.960 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:178 Resp: 2052994

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.2	14.8	22.2



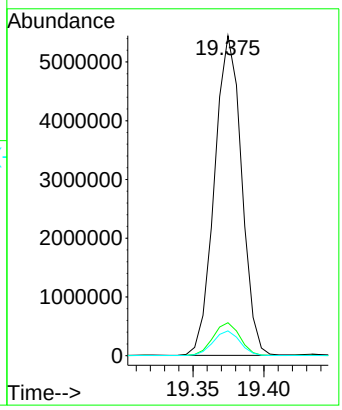


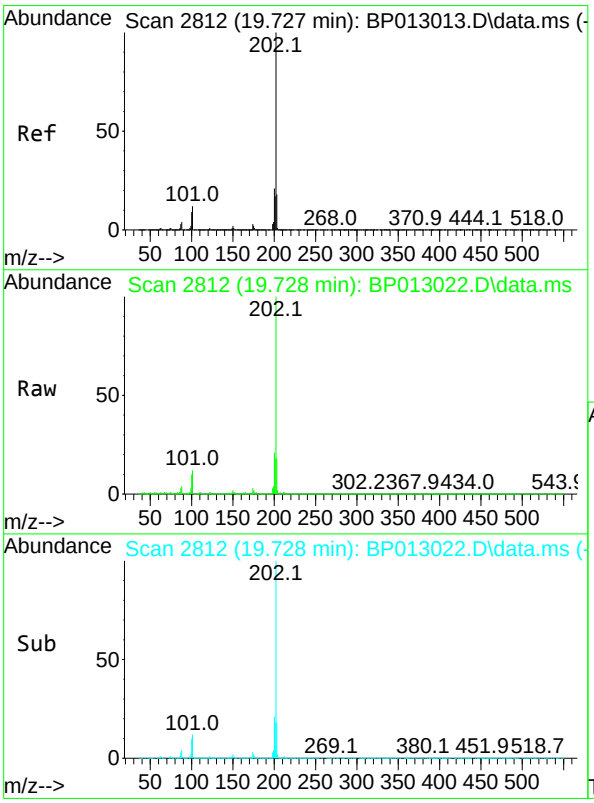
#80
Fluoranthene
Concen: 35.998 ng/ul
RT: 19.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:202 Resp: 7216042

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
100	7.8	6.1	9.1

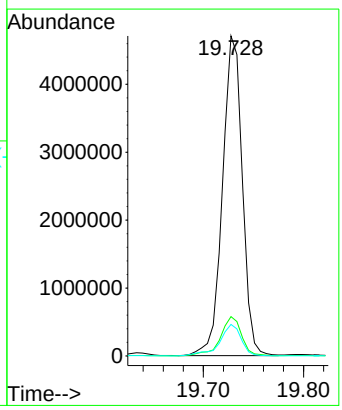


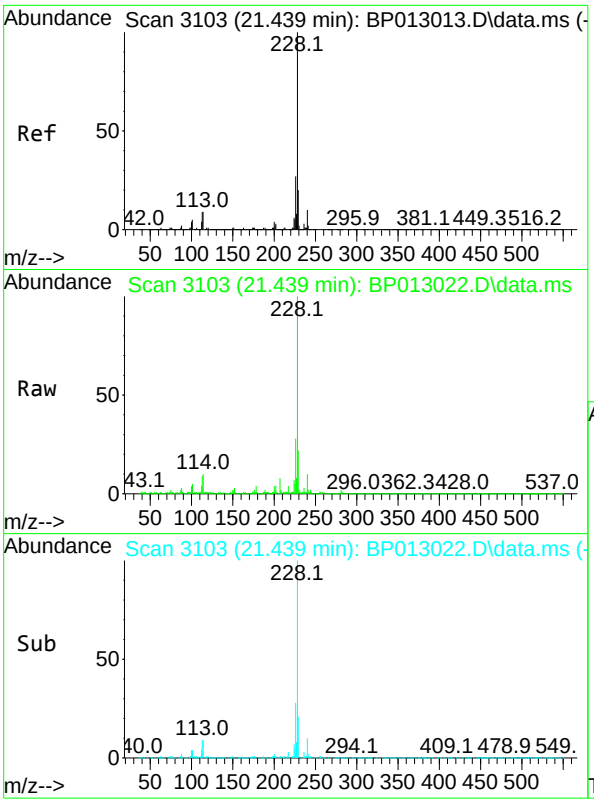


#82
Pyrene
Concen: 31.203 ng/ul
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:202 Resp: 6452024

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.4	14.2
100	9.9	7.8	11.8



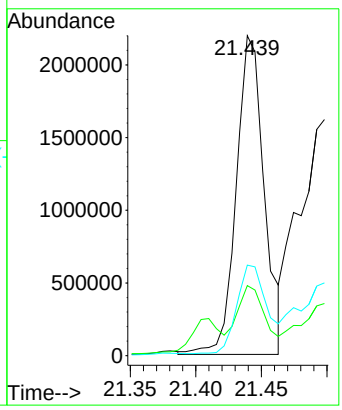


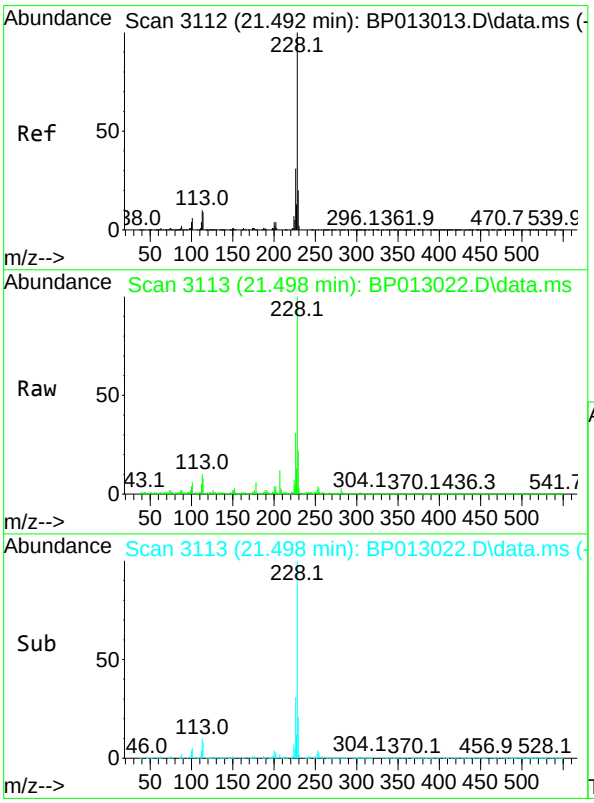
#85
Benzo(a)anthracene
Concen: 15.947 ng/ul
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:228 Resp: 3257347

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.1	24.1
226	28.3	22.0	33.0

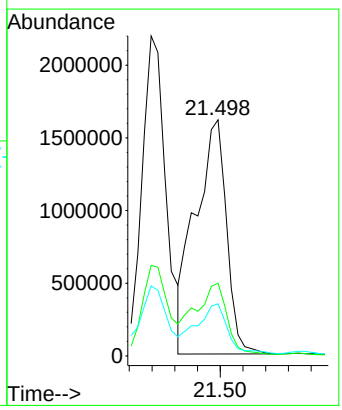


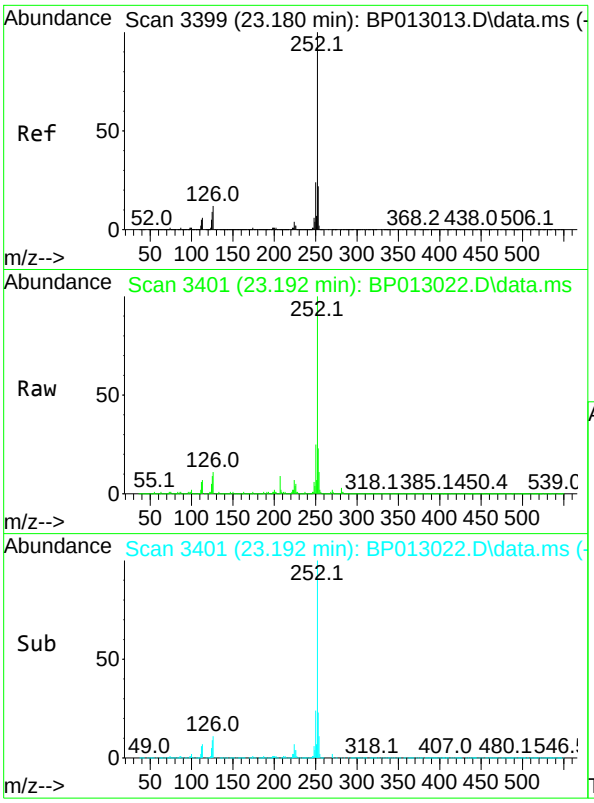


#87
Chrysene
Concen: 15.919 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:228 Resp: 3074962

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	22.1	16.0	24.0



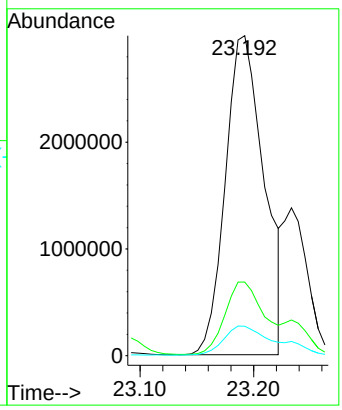


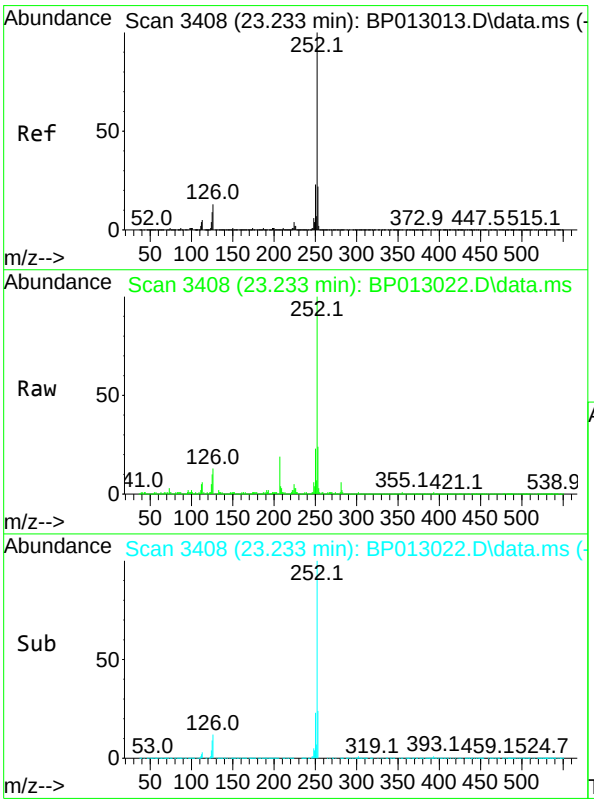
#90
Benzo(b)fluoranthene
Concen: 40.018 ng/ul
RT: 23.192 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:252 Resp: 7090945

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.2	6.8	10.2

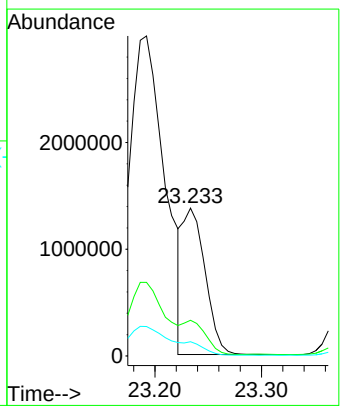


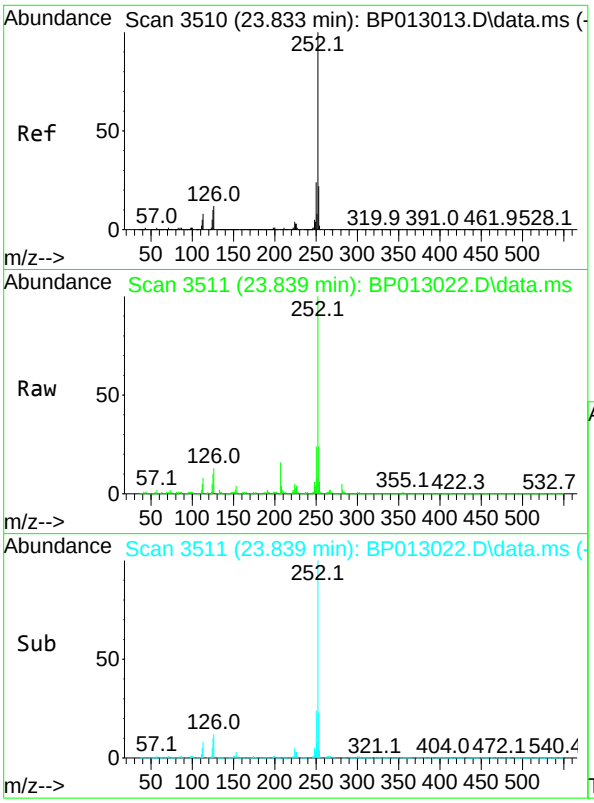


#91
Benzo(k)fluoranthene
Concen: 11.448 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:252 Resp: 2011547

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	9.7	6.8	10.2



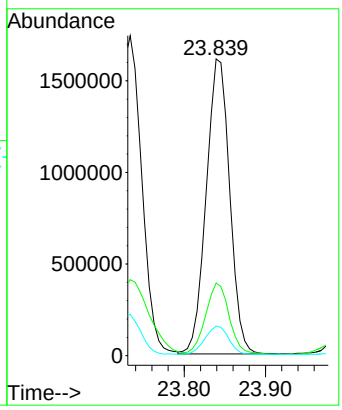


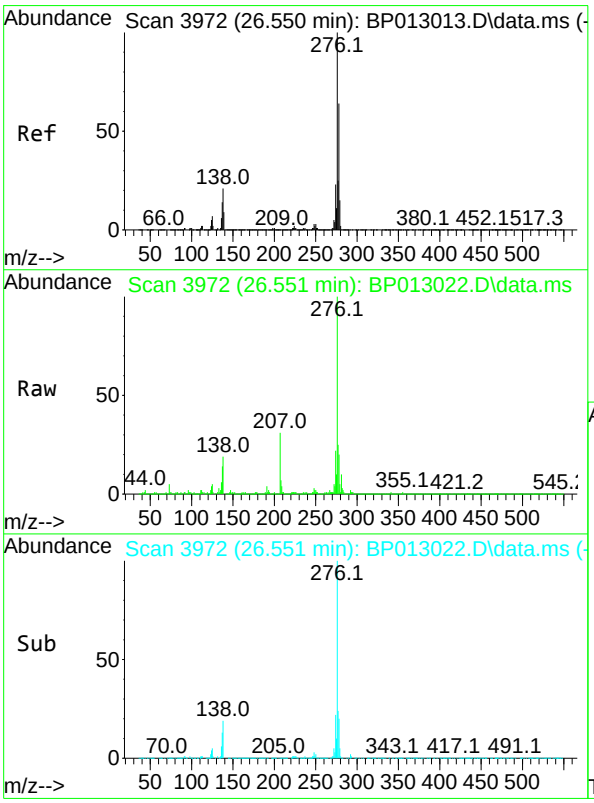
#93
Benzo(a)pyrene
Concen: 20.950 ng/ul
RT: 23.839 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:252 Resp: 3232338

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	10.0	7.5	11.3

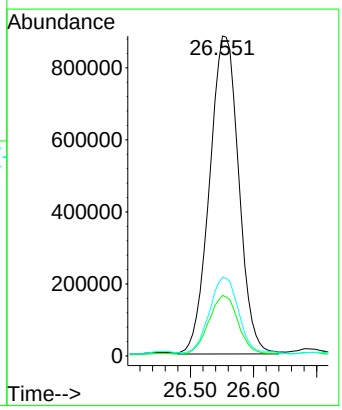


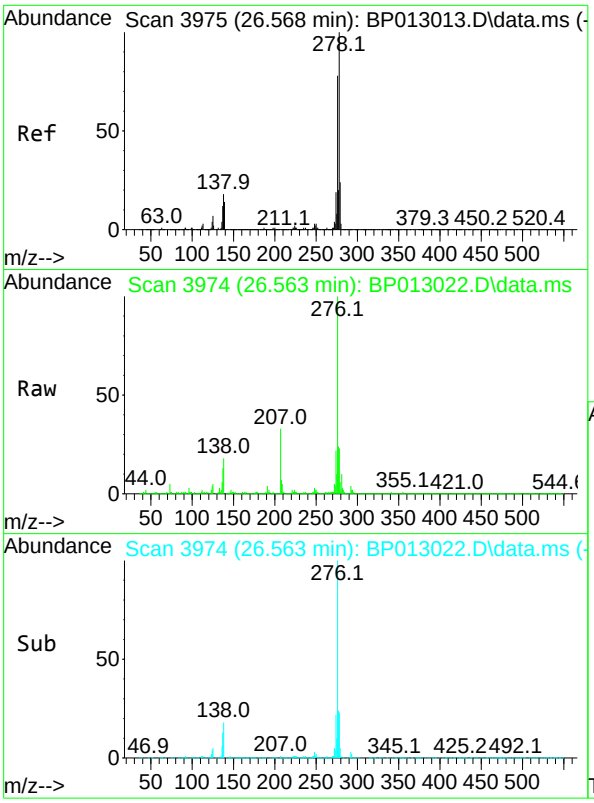


#94
Indeno(1,2,3-cd)pyrene
Concen: 14.748 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:276 Resp: 2834275

Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.1	25.7
277	24.5	20.0	30.0



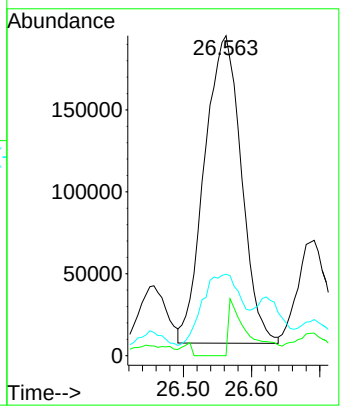


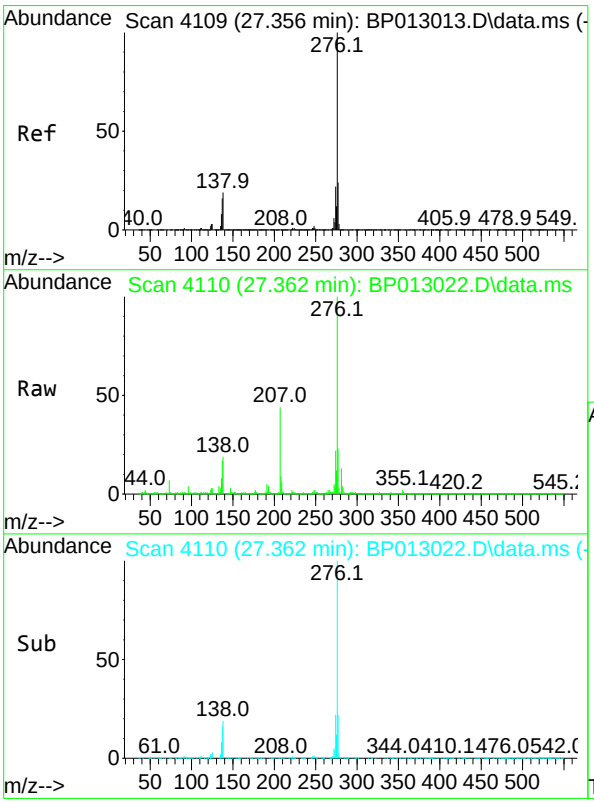
#95
Dibenzo(a,h)anthracene
Concen: 4.437 ng/ul
RT: 26.563 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Instrument :
BNA_P
ClientSampleId :
DBXN3

Tgt Ion:278 Resp: 706057

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.1	16.7#
279	25.4	19.0	28.6





#96
Benzo(g,h,i)perylene
Concen: 14.344 ng/ul
RT: 27.362 min Scan# 4110
Delta R.T. 0.012 min
Lab File: BP013022.D
Acq: 09 Dec 2022 17:23

Tgt Ion:276 Resp: 2213047

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.4	23.2
277	23.2	19.1	28.7