Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Quant Time: Dec 15 23:59:09 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	7.822	152	270423	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.616	136	990244	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.457	164	573359	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1201276	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1264558	20.000	ng/ul	0.00
88) Perylene-d12	23.668	264	1516080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	6595	0.831	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.987	99	128325	4.729	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.157	67	79262	4.928	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.352	132	100893	4.765	ng/ul	-0.01
15) 4-Methylphenol-d8	8.534	113	97559	4.442	ng/ul	-0.01
21) Nitrobenzene-d5	8.981	128	45832	5.200	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.704	143	43289	4.737	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.240	165	106366	5.693	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.763	131	87697	3.591	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	300530	5.873	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	335969	5.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	45049	5.363	ng/ul	0.00
60) Fluorene-d10	15.451	176	274206	6.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	25527	3.544	ng/ul	0.00
73) Anthracene-d10	17.310	188	429213	6.796	ng/ul	0.00
81) Pyrene-d10	19.551	212	553178	5.620	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	609698	6.897	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.669	128	2063475	34.350	ng/ul	99
50) Acenaphthylene	14.181	152	2249594	35.509	ng/ul	100
52) Acenaphthene	14.522	153	1083326	25.862	ng/ul	99
61) Fluorene	15.510	166	479495	10.409	ng/ul	99
71) Pentachlorophenol	16.857	266	469920	46.664	ng/ul	100
72) Phenanthrene	17.251	178	921615	12.703	ng/ul	100
74) Anthracene	17.345	178	1271690	17.487	ng/ul	100
80) Fluoranthene	19.227	202	3313768	28.480	ng/ul	96
82) Pyrene	19.580	202	1626418	13.856	ng/ul	95
85) Benzo(a)anthracene	21.292	228	2567162	25.011	ng/ul	100
87) Chrysene	21.345	228	3257177	34.459	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	3493494	32.301	ng/ul	98
95) Dibenzo(a,h)anthracene	26.145	278	2484607	24.475	ng/ul	97

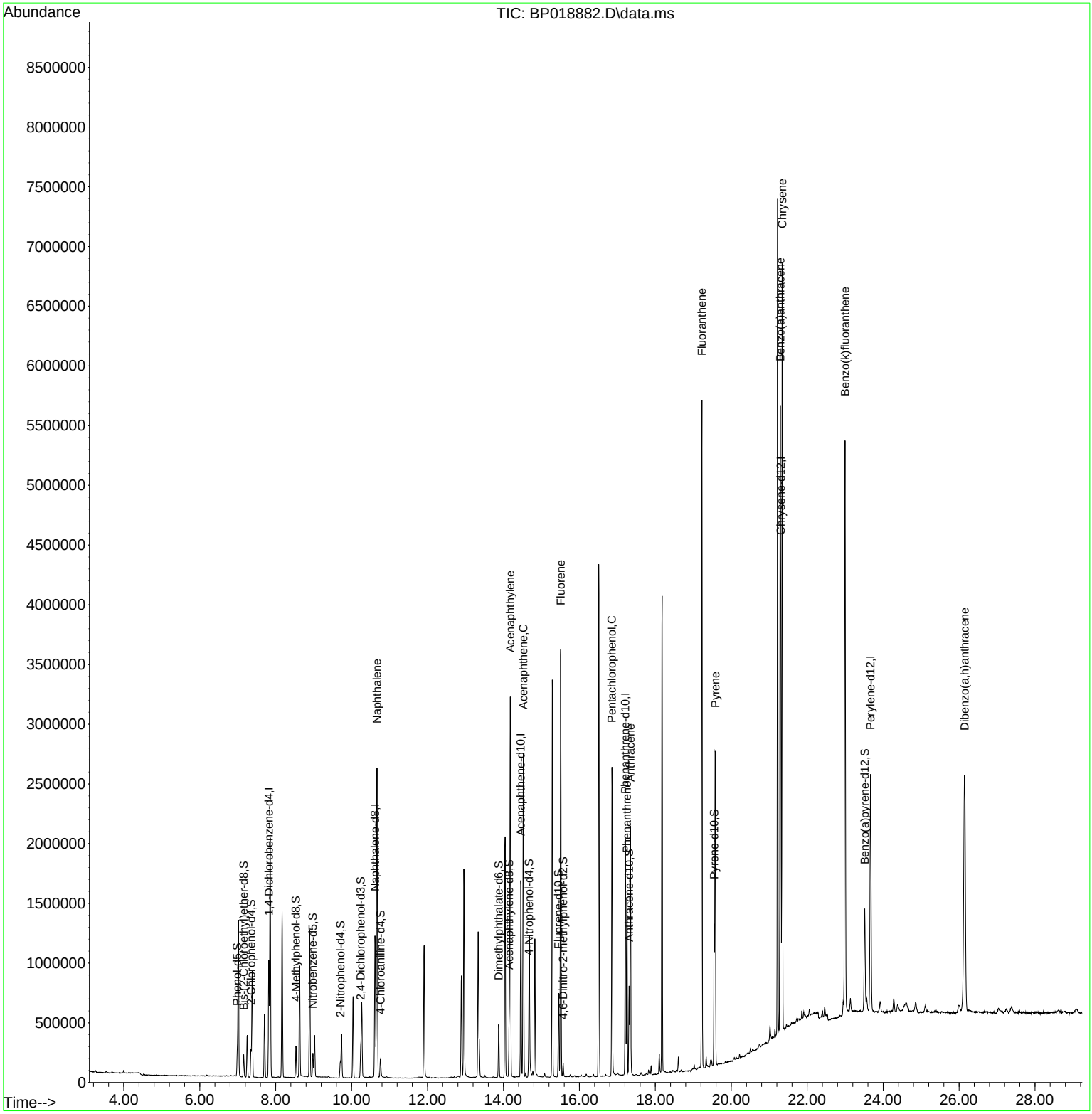
(#) = qualifier out of range (m) = manual integration (+) = signals summed

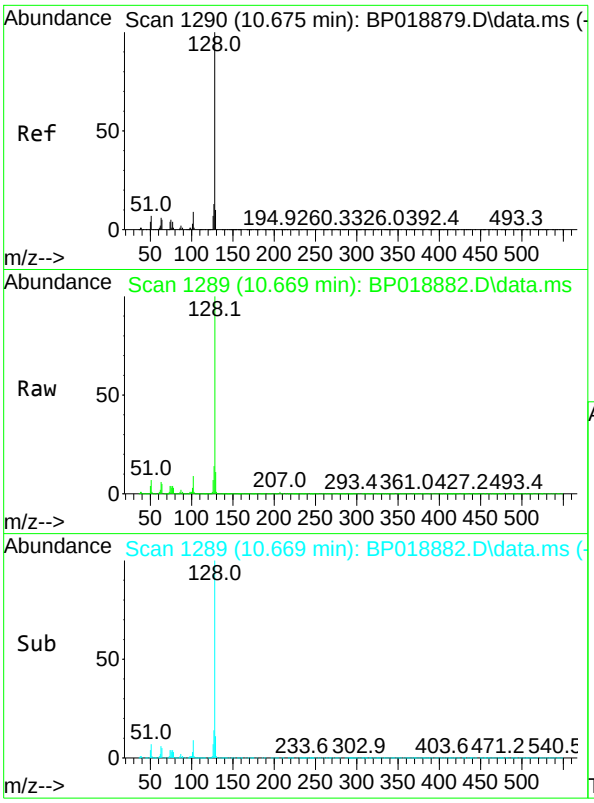
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Quant Time: Dec 15 23:59:09 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



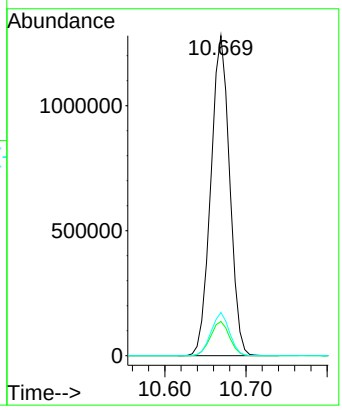


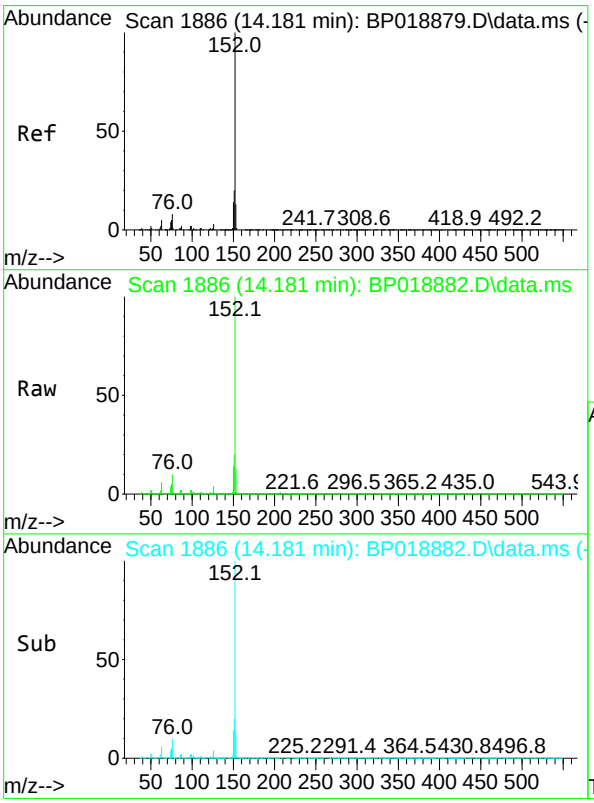
#30
Naphthalene
Concen: 34.350 ng/ul
RT: 10.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:128 Resp: 2063475

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.5	10.5	15.7

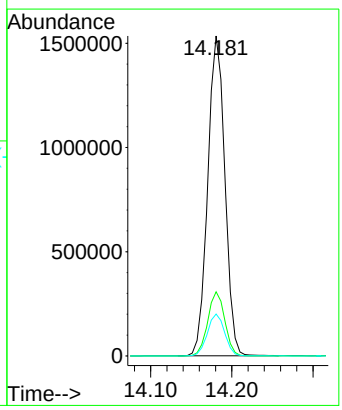


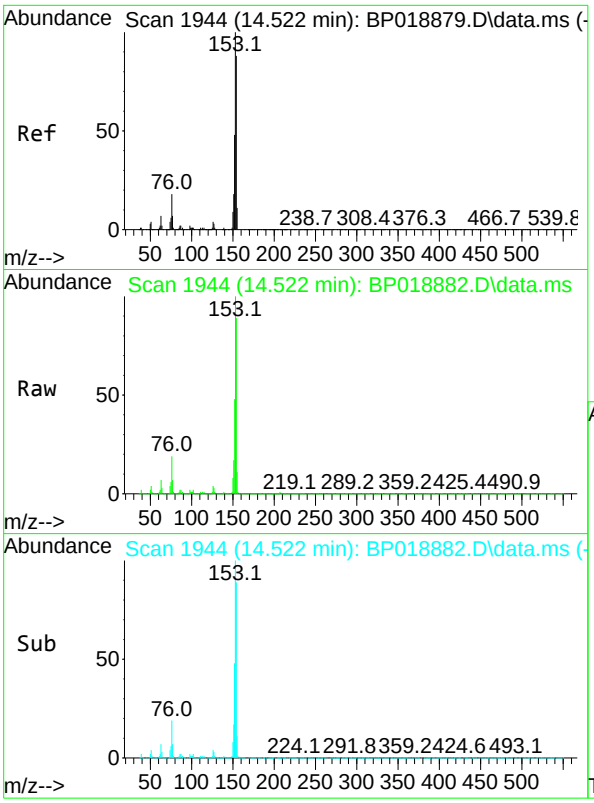


#50
Acenaphthylene
Concen: 35.509 ng/ul
RT: 14.181 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Tgt Ion:152 Resp: 2249594

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.6	16.0



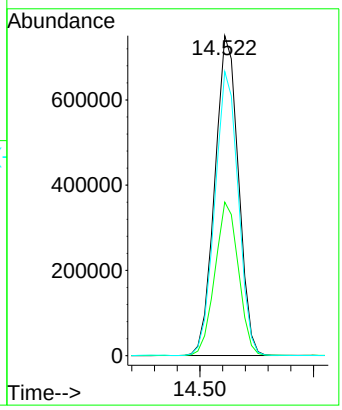


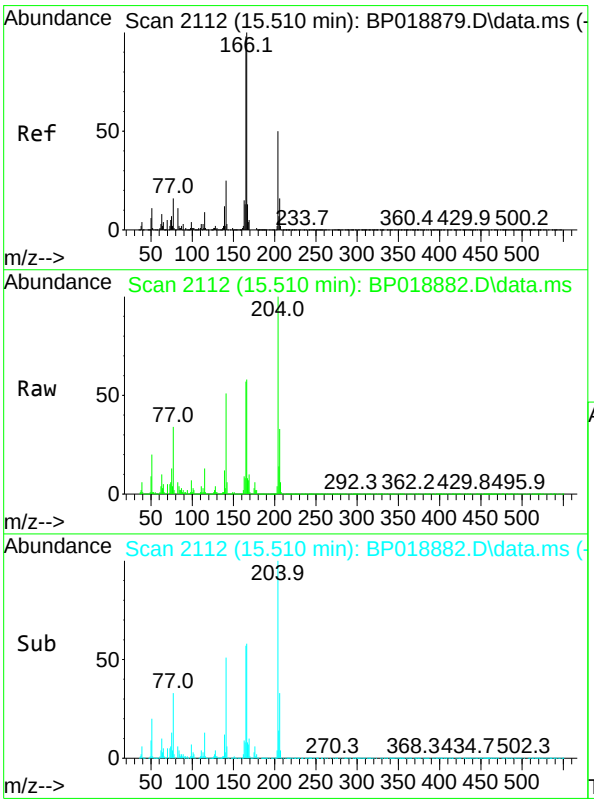
#52
Acenaphthene
Concen: 25.862 ng/ul
RT: 14.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:153 Resp: 1083326

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.1	57.1
154	88.8	71.7	107.5

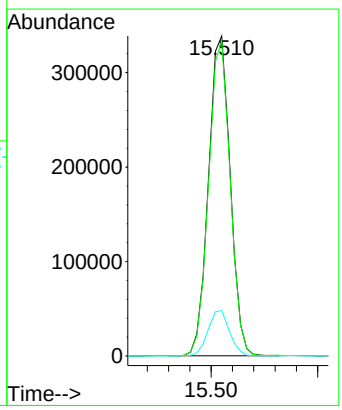


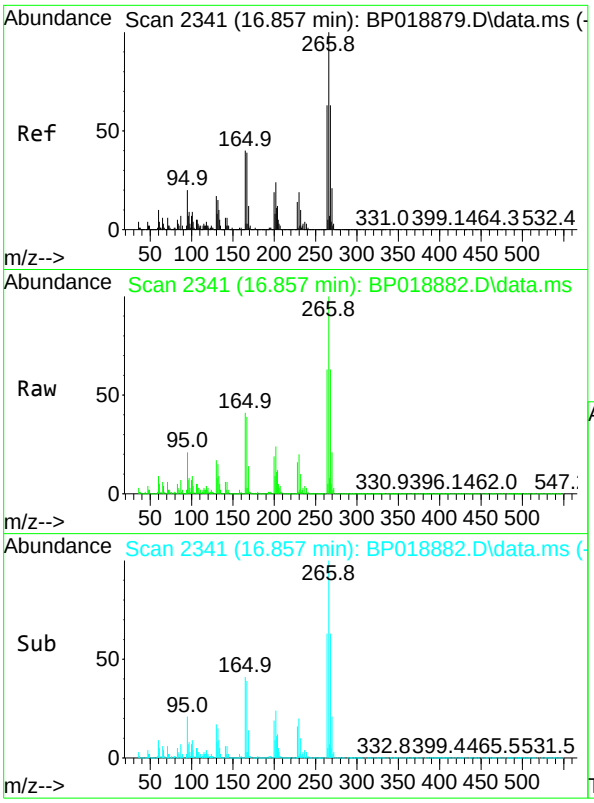


#61
Fluorene
Concen: 10.409 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Tgt Ion:166 Resp: 479495

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.0	117.0
167	14.2	10.8	16.2



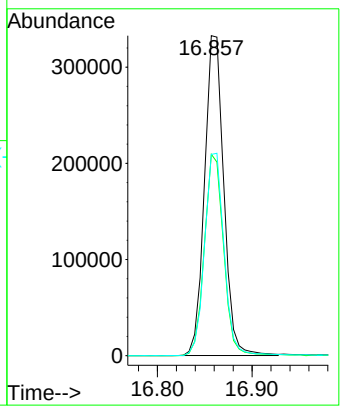


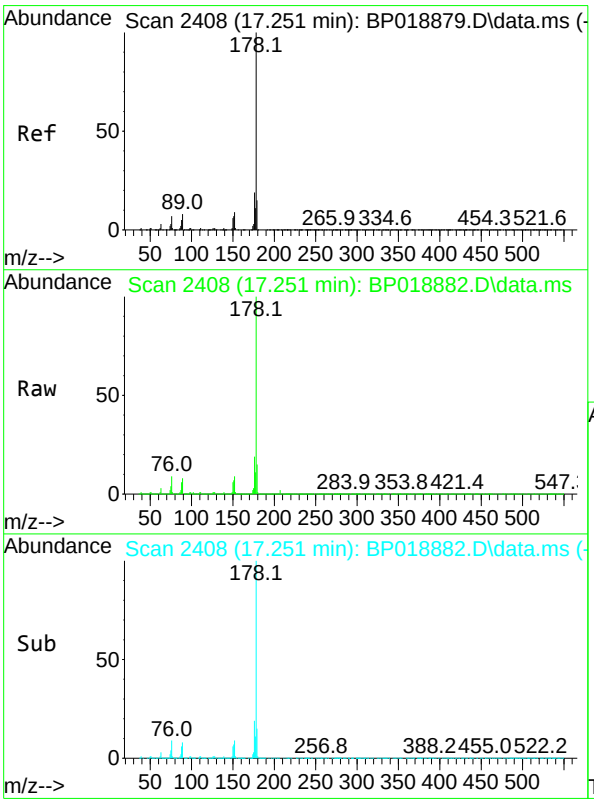
#71
Pentachlorophenol
Concen: 46.664 ng/ul
RT: 16.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:266 Resp: 469920

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.2
268	62.9	50.5	75.7

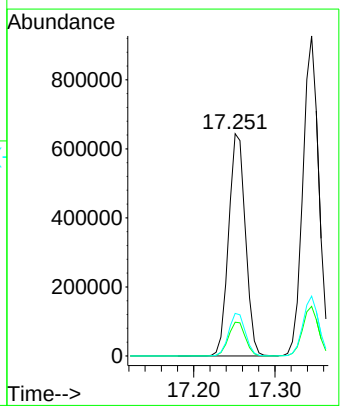


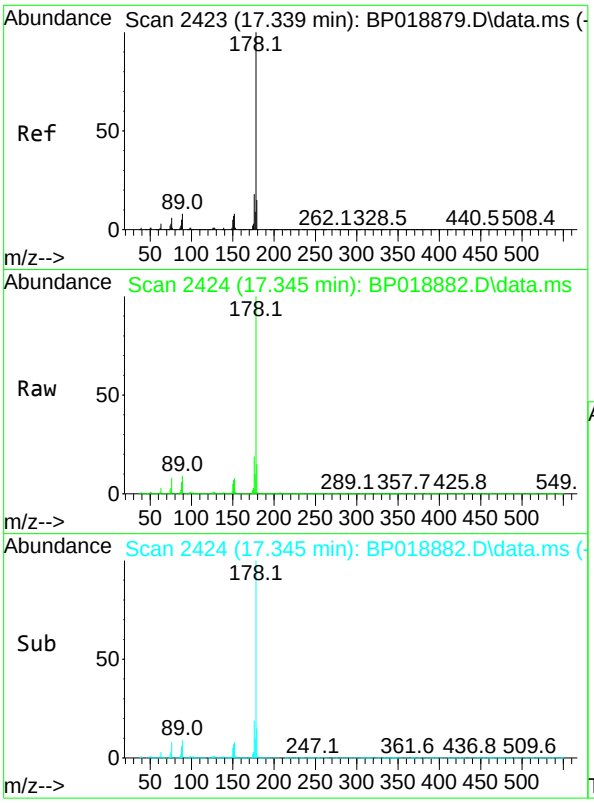


#72
Phenanthrene
Concen: 12.703 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Tgt Ion:178 Resp: 921615

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.1	15.4	23.2



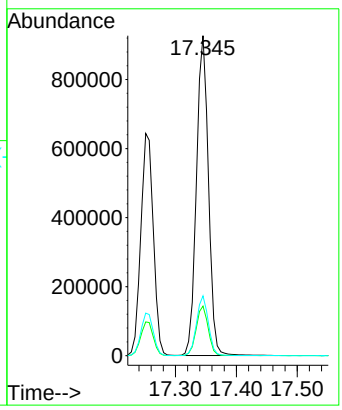


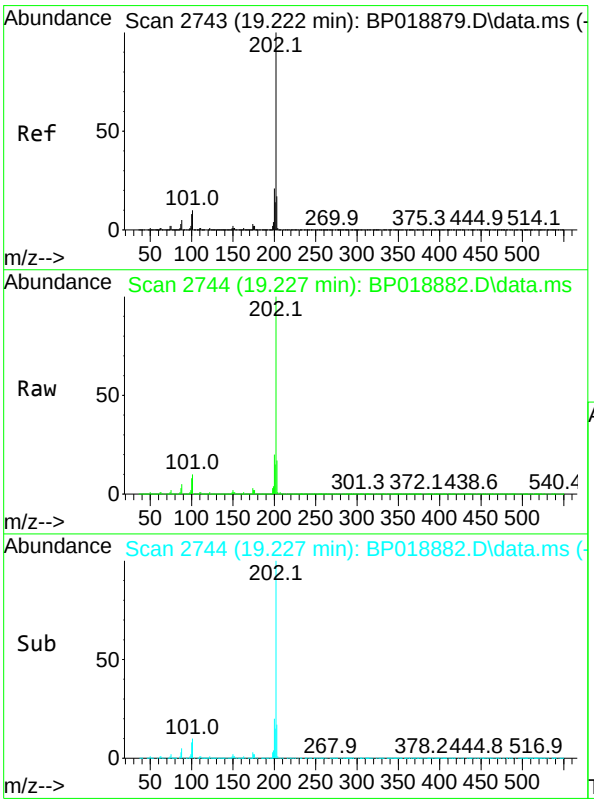
#74
Anthracene
Concen: 17.487 ng/ul
RT: 17.345 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:178 Resp: 1271690

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.7	15.0	22.6

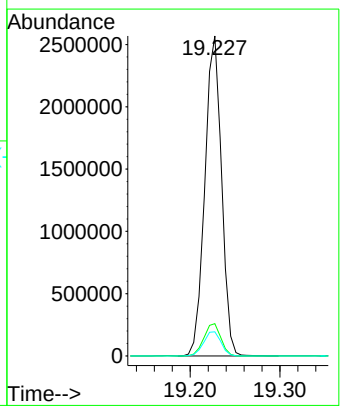


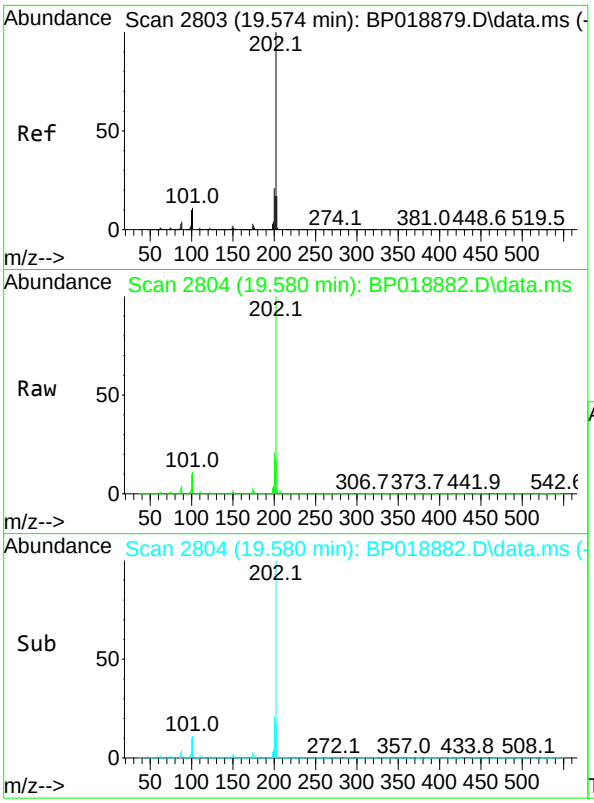


#80
Fluoranthene
Concen: 28.480 ng/ul
RT: 19.227 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Tgt Ion:202 Resp: 3313768

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.6	7.1	10.7



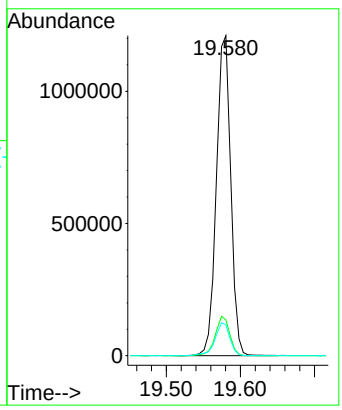


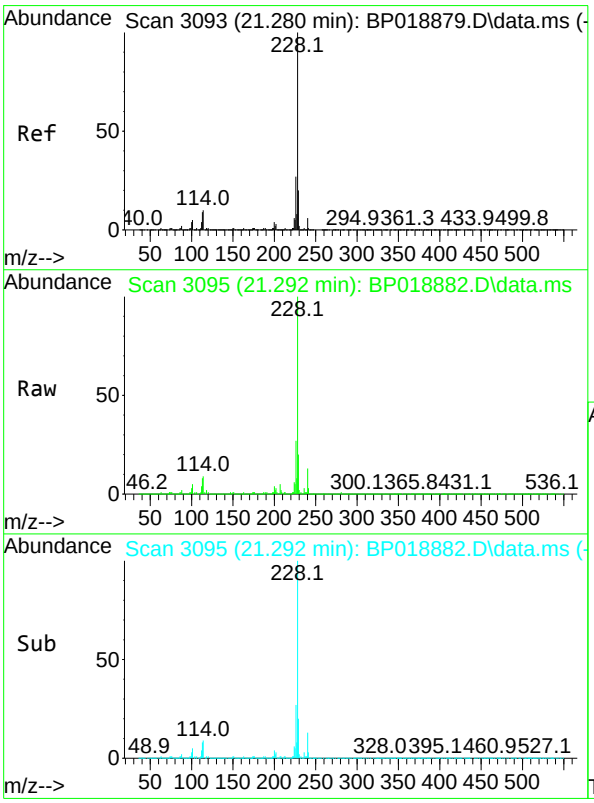
#82
Pyrene
Concen: 13.856 ng/ul
RT: 19.580 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:202 Resp: 1626418

Ion	Ratio	Lower	Upper
202	100		
101	11.2	11.0	16.4
100	9.7	9.1	13.7

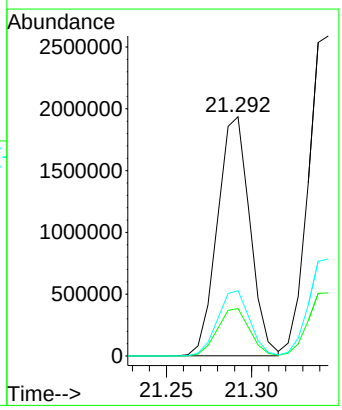


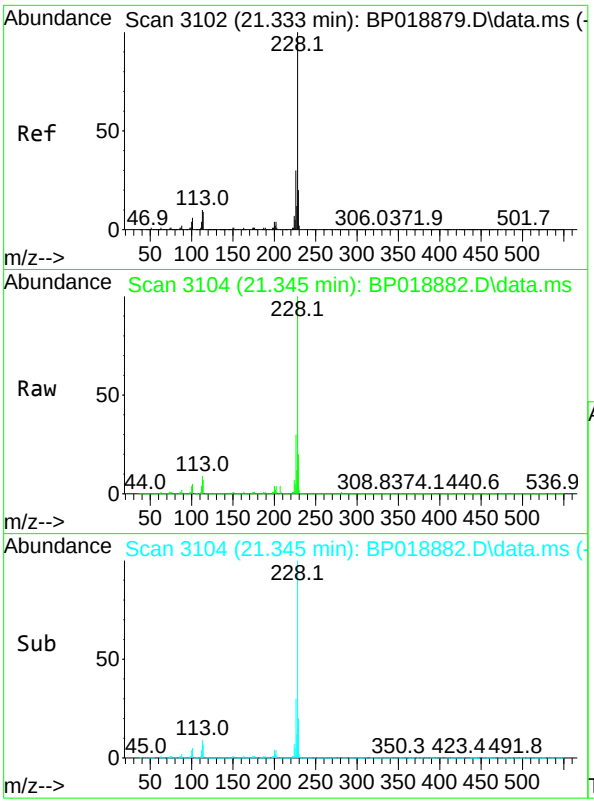


#85
Benzo(a)anthracene
Concen: 25.011 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Tgt Ion:228 Resp: 2567162

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.3	21.9	32.9



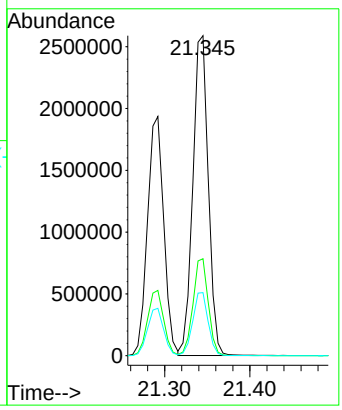


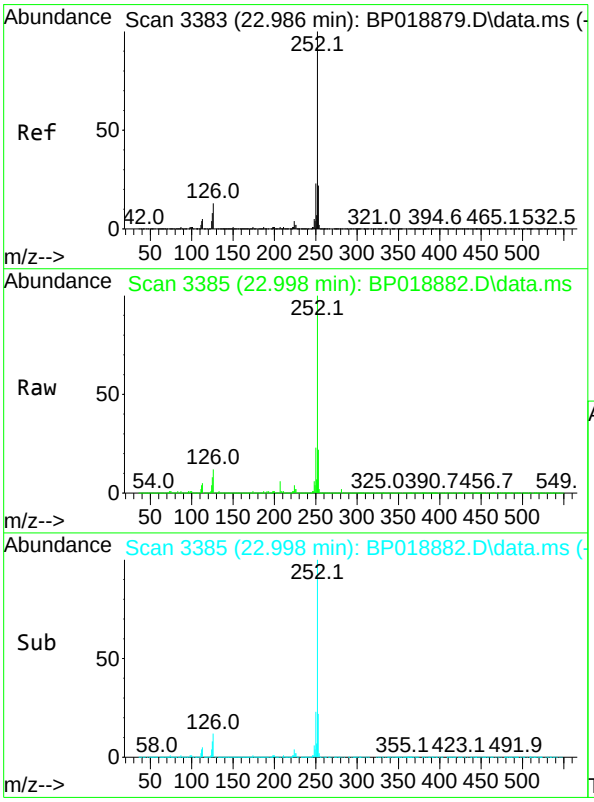
#87
Chrysene
Concen: 34.459 ng/ul
RT: 21.345 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:228 Resp: 3257177

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.7	15.6	23.4

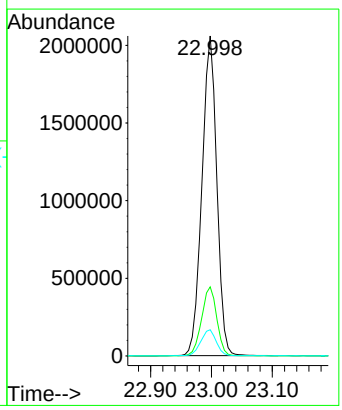


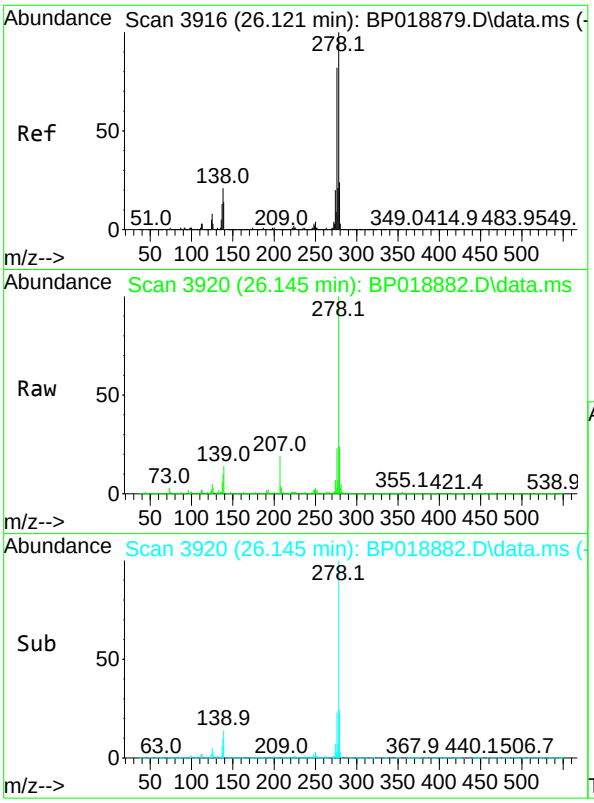


#91
Benzo(k)fluoranthene
Concen: 32.301 ng/ul
RT: 22.998 min Scan# 3385
Delta R.T. 0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Tgt Ion:252 Resp: 3493494

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.2	8.0	12.0





#95
Dibenzo(a,h)anthracene
Concen: 24.475 ng/ul
RT: 26.145 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP018882.D
Acq: 15 Dec 2023 16:17

Instrument :
BNA_P
ClientSampleId :
DCLM5DL

Tgt Ion:278 Resp: 2484607

Ion	Ratio	Lower	Upper
278	100		
139	13.6	13.0	19.6
279	23.8	18.7	28.1