Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018640.D
Acq On : 06 Dec 2023 16:55
Operator : MA/JU
Sample : 05456-01DL 5X
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Quant Time: Dec 06 21:43:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	370519	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	1536067	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	913237	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1647616	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1241536	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1576981	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	2212	0.203	ng/uL	0.00
4) Pyridine-d5	3.699	84	11533	0.396	ng/ul	0.01
7) Phenol-d5	7.016	99	50046	1.346	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	30309	1.375	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	38440	1.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	37857	1.258	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	16243	1.188	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	17087	1.206	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	41286	1.424	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	14187	0.375	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	131043	1.608	ng/ul	-0.01
49) Acenaphthylene-d8	14.175	160	135130	1.506	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	8067	0.603	ng/ul	0.00
60) Fluorene-d10	15.469	176	109667	1.603	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	5348	0.541	ng/ul	0.00
73) Anthracene-d10	17.328	188	145314	1.678	ng/ul	0.00
81) Pyrene-d10	19.563	212	149641	1.548	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	154580	1.681	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.675	105	191941	4.280	ng/ul	98
50) Acenaphthylene	14.204	152	215066	2.131	ng/ul	99
72) Phenanthrene	17.269	178	1353689	13.604	ng/ul	100
74) Anthracene	17.363	178	403804	4.048	ng/ul	100
80) Fluoranthene	19.239	202	3509546	30.722	ng/ul	99
82) Pyrene	19.592	202	3567704	30.958	ng/ul	97
85) Benzo(a)anthracene	21.304	228	2295599	22.780	ng/ul	97
87) Chrysene	21.357	228	2266945	24.428	ng/ul	98
90) Benzo(b)fluoranthene	22.974	252	3192383	27.456	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	3192383	28.377	ng/ul	99
93) Benzo(a)pyrene	23.586	252	2007336	18.894	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.163	276	1805455	14.223	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.168	278	490516	4.645	ng/ul#	81
96) Benzo(g,h,i)perylene	26.921	276	1582382	15.490	ng/ul	97

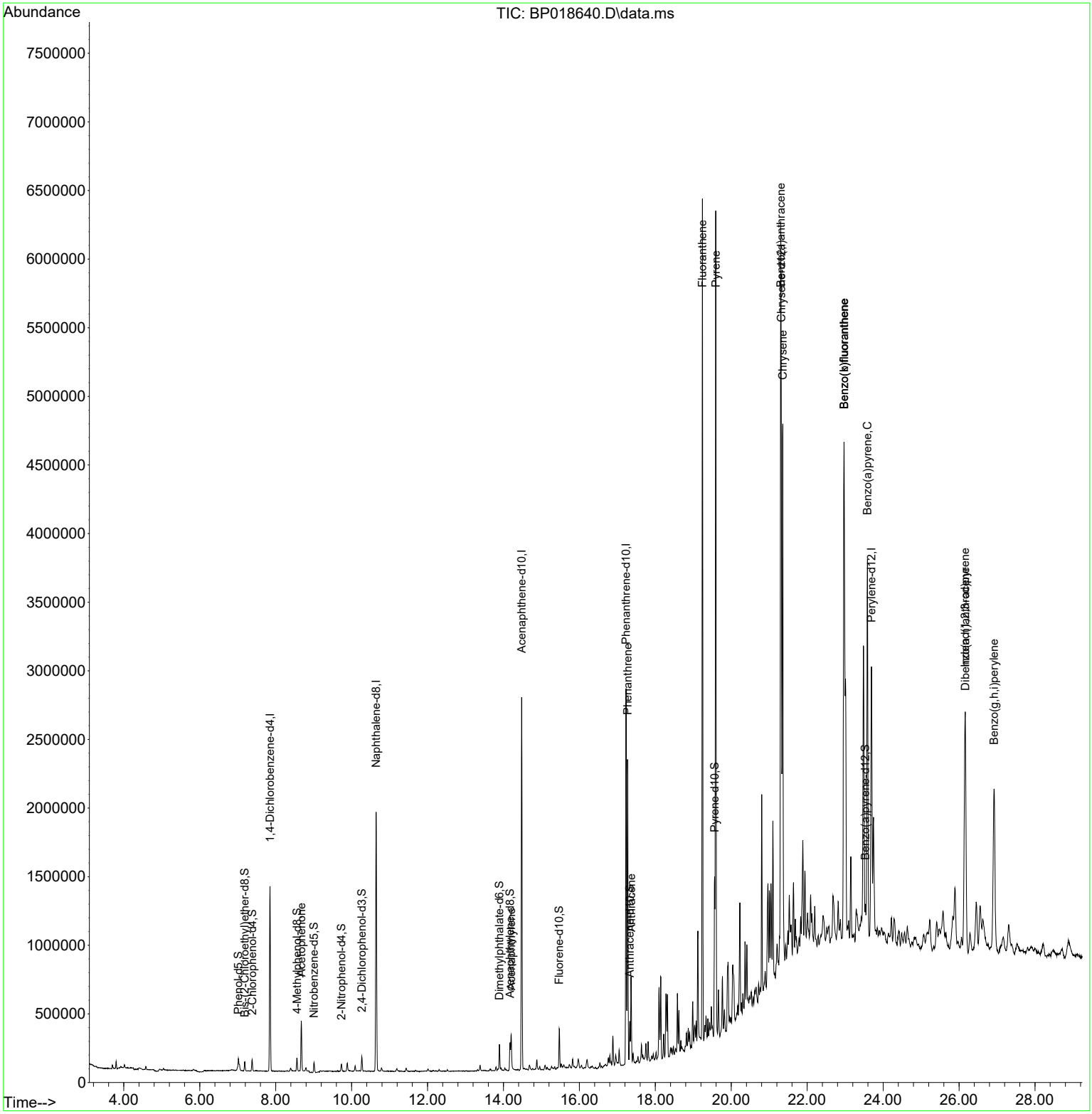
(#) = qualifier out of range (m) = manual integration (+) = signals summed

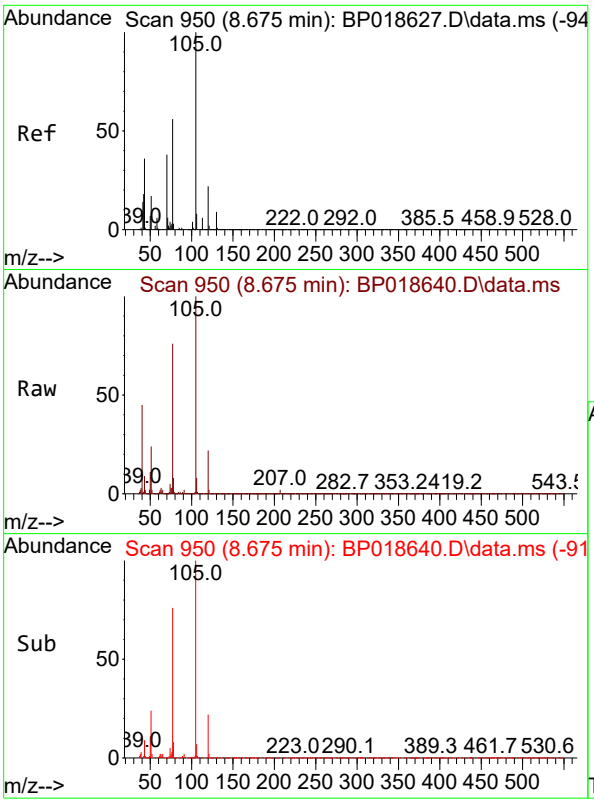
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018640.D
Acq On : 06 Dec 2023 16:55
Operator : MA/JU
Sample : 05456-01DL 5X
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Quant Time: Dec 06 21:43:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration



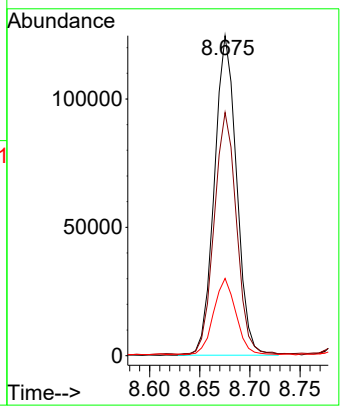


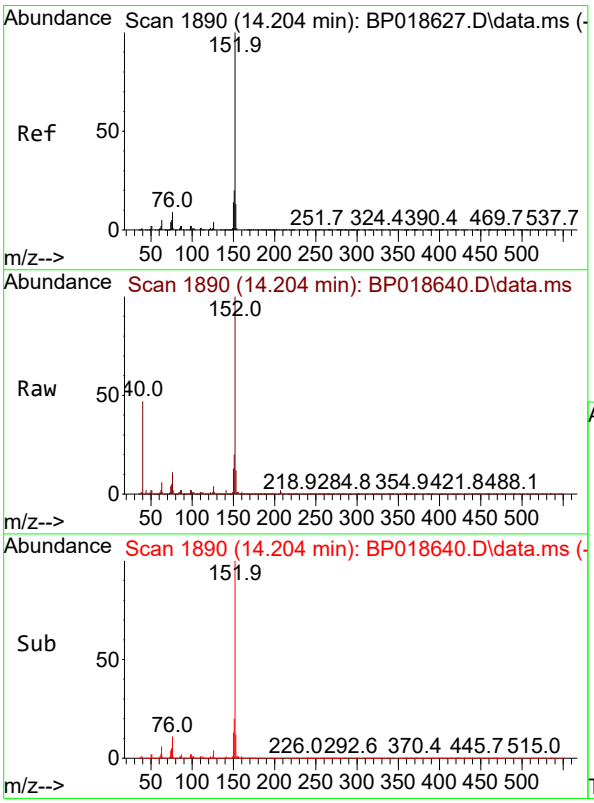
#16
Acetophenone
Concen: 4.280 ng/ul
RT: 8.675 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:105 Resp: 191941

Ion	Ratio	Lower	Upper
105	100		
77	76.0	59.4	89.0
51	24.2	19.4	29.0

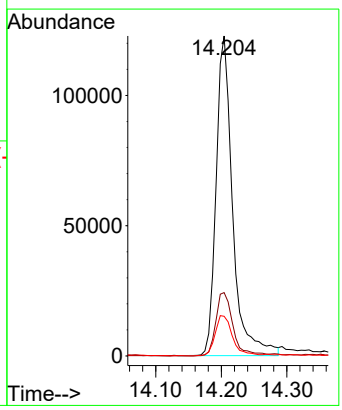


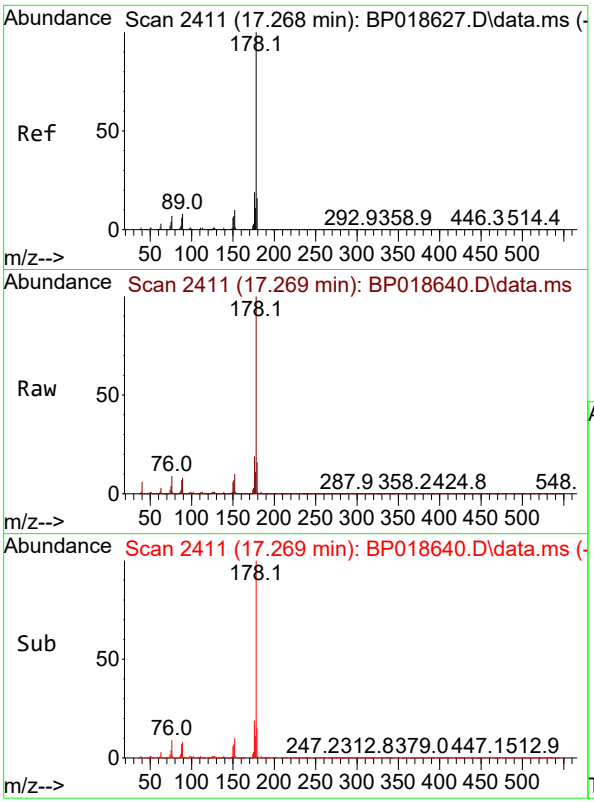


#50
Acenaphthylene
Concen: 2.131 ng/ul
RT: 14.204 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:152 Resp: 215066

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.4	10.6	16.0



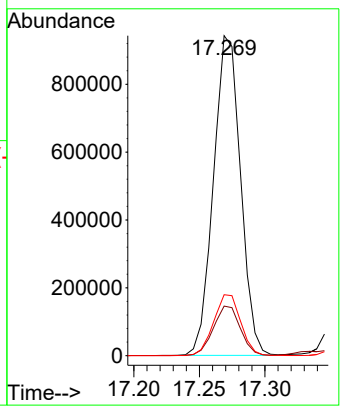


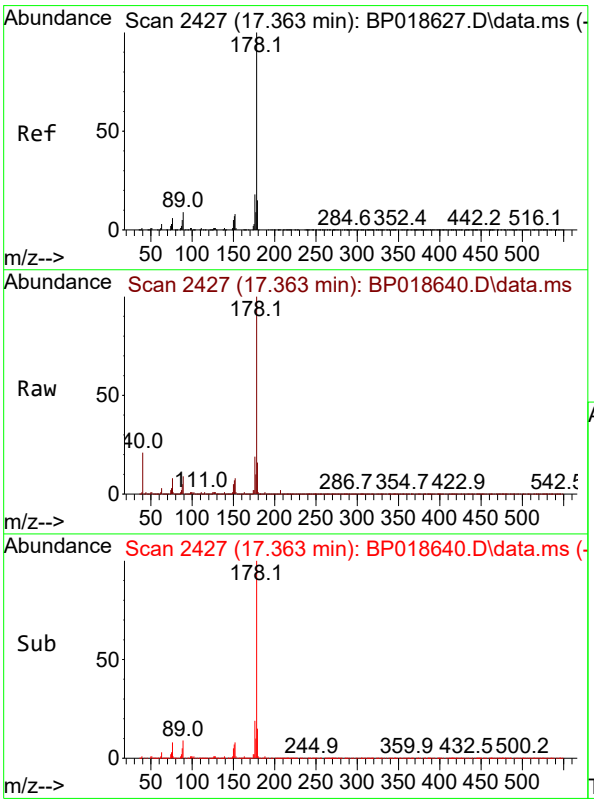
#72
Phenanthrene
Concen: 13.604 ng/ul
RT: 17.269 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:178 Resp: 1353689

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.4	23.2

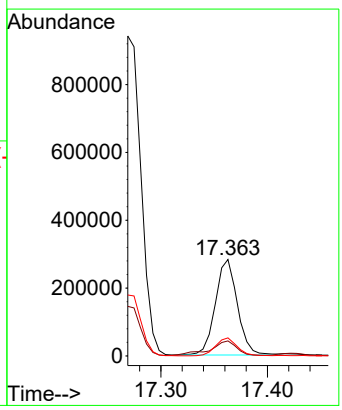


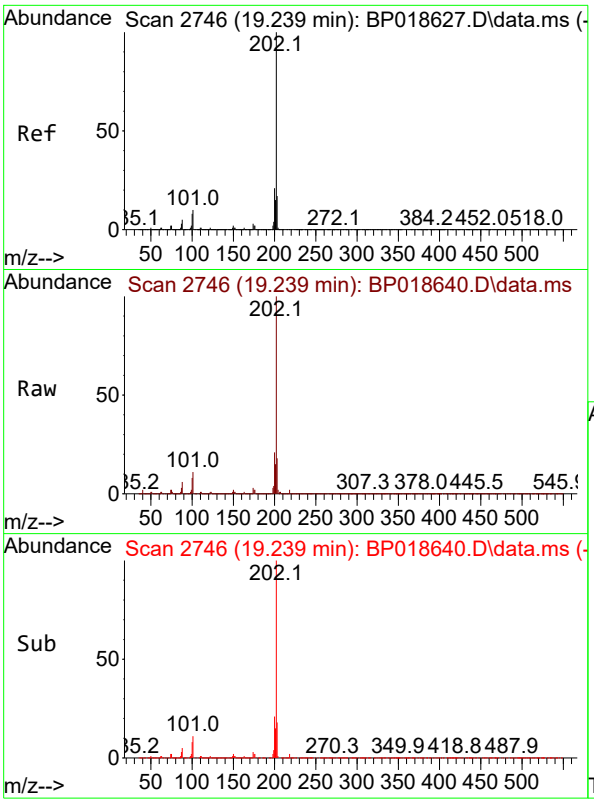


#74
Anthracene
Concen: 4.048 ng/ul
RT: 17.363 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:178 Resp: 403804

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.8	15.0	22.6



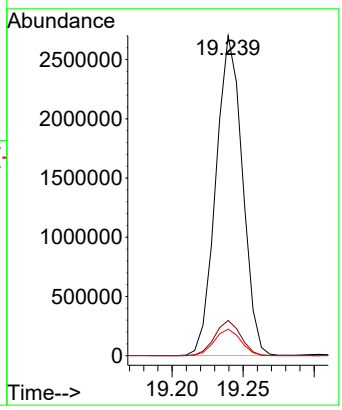


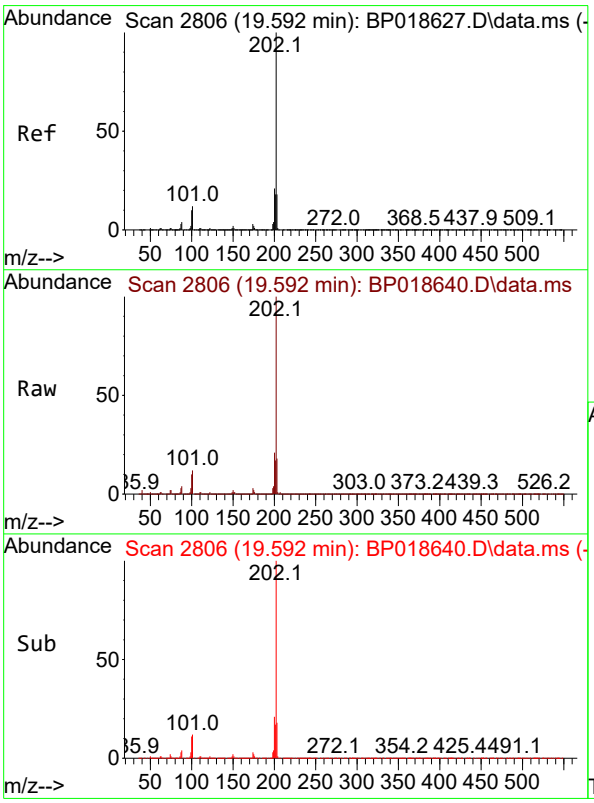
#80
Fluoranthene
Concen: 30.722 ng/ul
RT: 19.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:202 Resp: 3509546

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	8.3	7.1	10.7

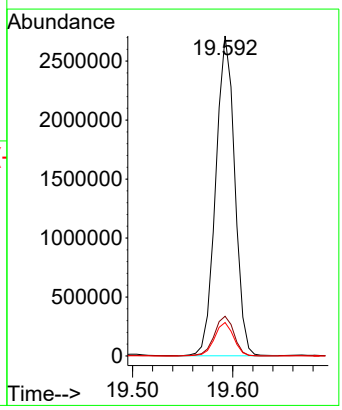


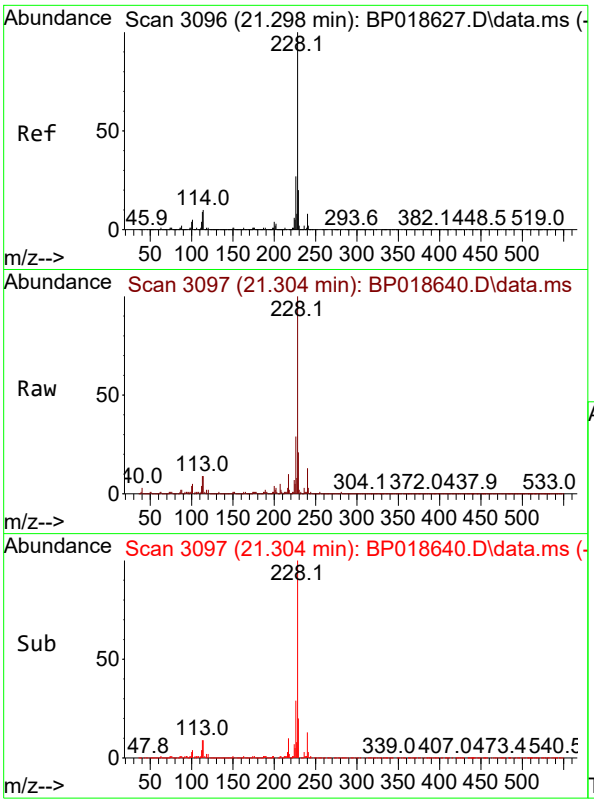


#82
Pyrene
Concen: 30.958 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:202 Resp: 3567704

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	10.5	9.1	13.7



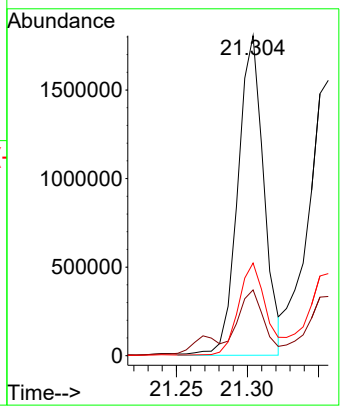


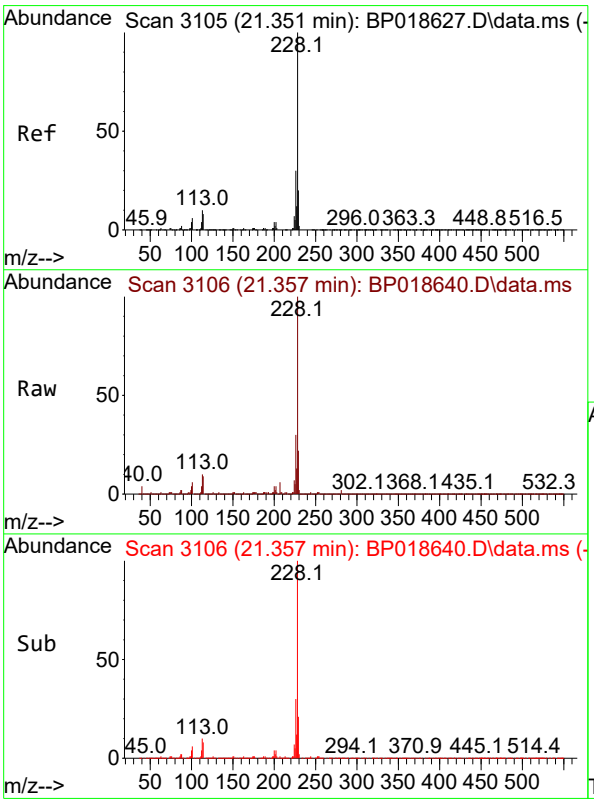
#85
Benzo(a)anthracene
Concen: 22.780 ng/ul
RT: 21.304 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:228 Resp: 2295599

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	29.0	21.9	32.9

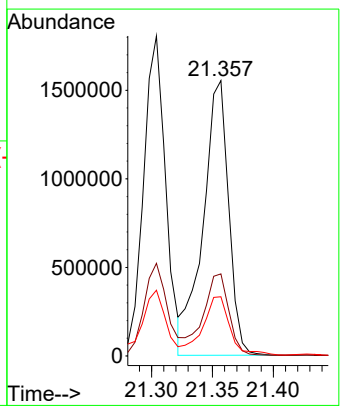


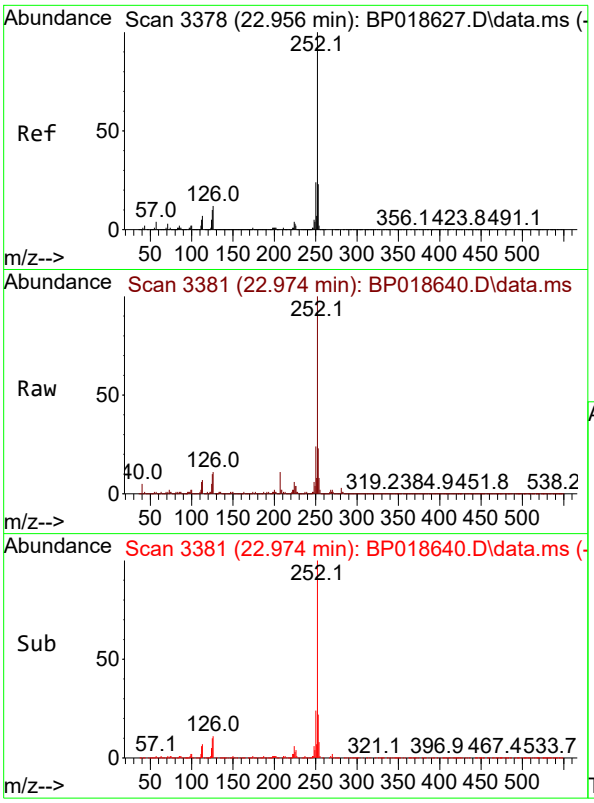


#87
Chrysene
Concen: 24.428 ng/ul
RT: 21.357 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:228 Resp: 2266945

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	21.5	15.6	23.4



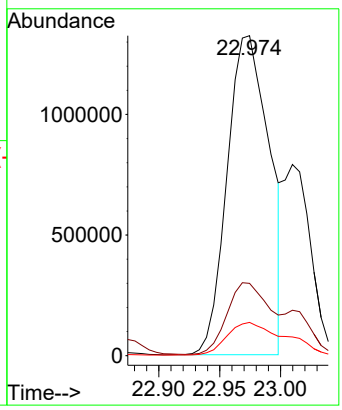


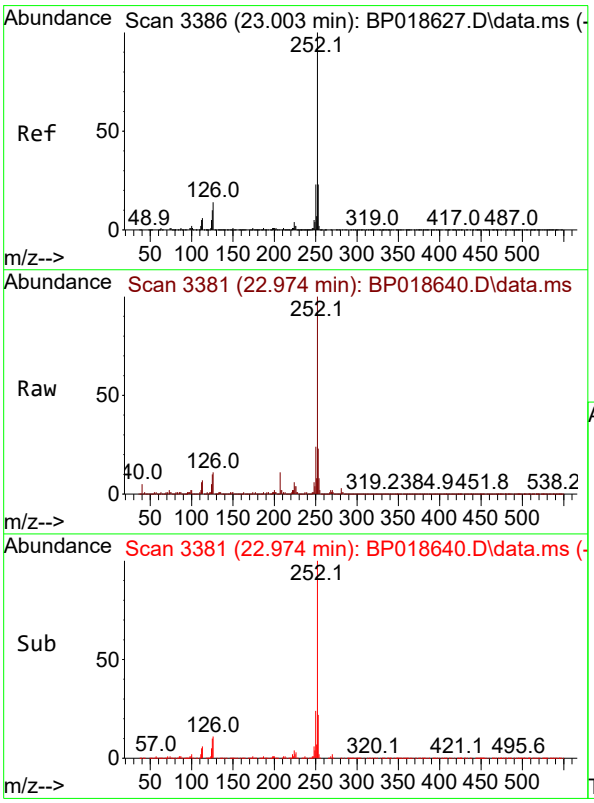
#90
Benzo(b)fluoranthene
Concen: 27.456 ng/ul
RT: 22.974 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:252 Resp: 3192383

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.4	7.8	11.6

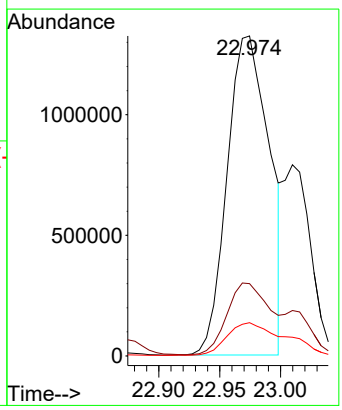


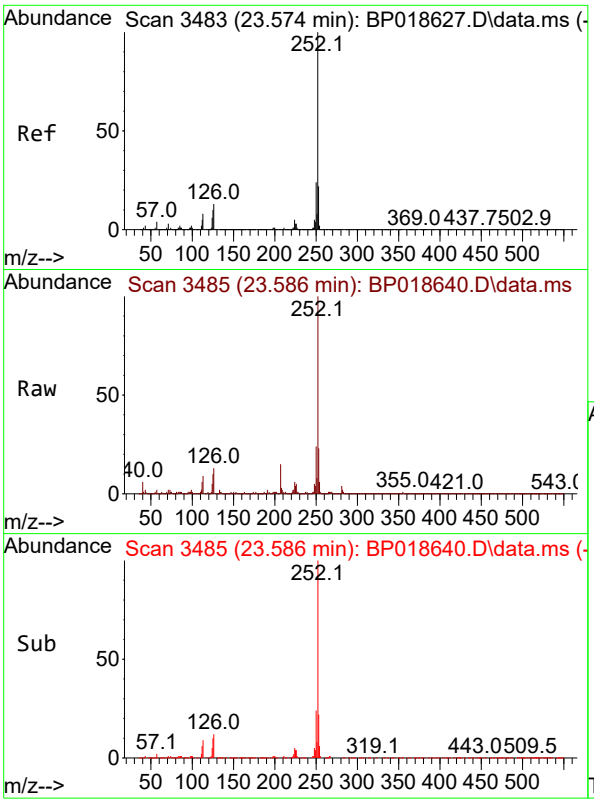


#91
Benzo(k)fluoranthene
Concen: 28.377 ng/ul
RT: 22.974 min Scan# 3381
Delta R.T. -0.041 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:252 Resp: 3192383

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.4	8.0	12.0



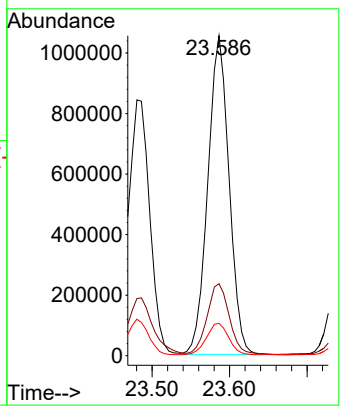


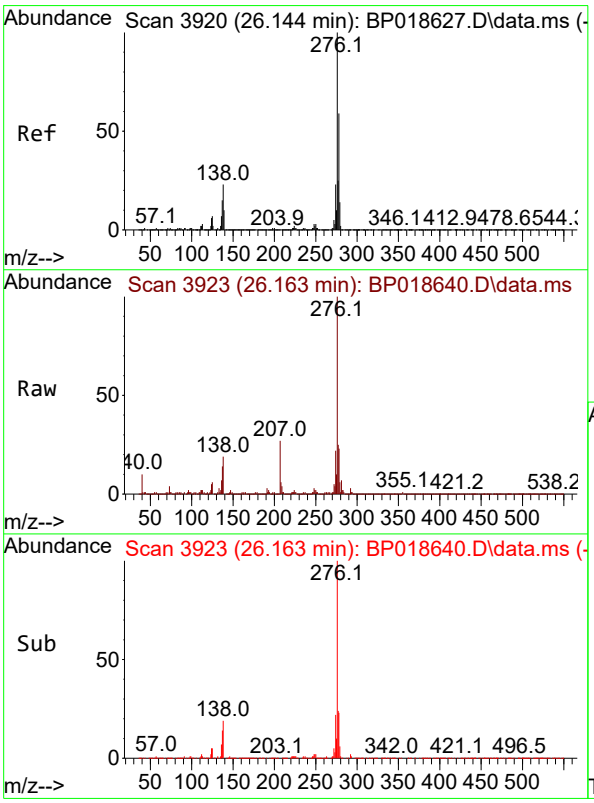
#93
Benzo(a)pyrene
Concen: 18.894 ng/ul
RT: 23.586 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:252 Resp: 2007336

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.1	9.2	13.8

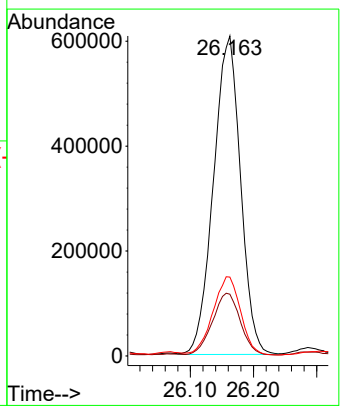


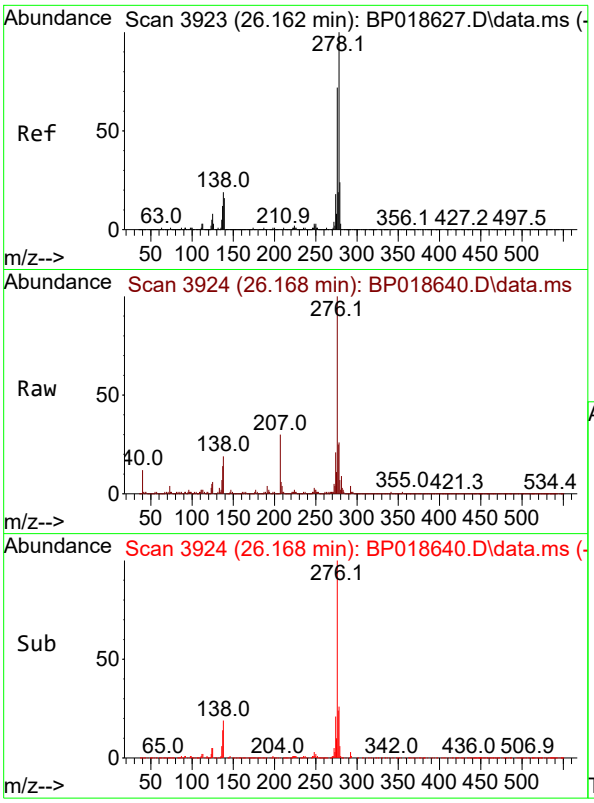


#94
Indeno(1,2,3-cd)pyrene
Concen: 14.223 ng/ul
RT: 26.163 min Scan# 3923
Delta R.T. 0.006 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:276 Resp: 1805455

Ion	Ratio	Lower	Upper
276	100		
138	19.3	19.4	29.2#
277	24.6	19.8	29.6



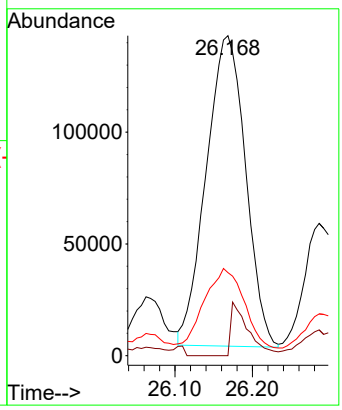


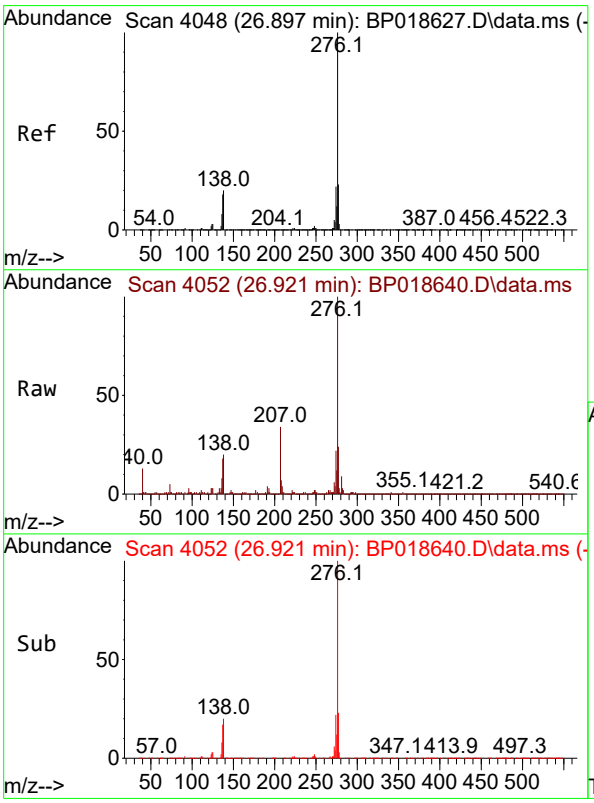
#95
Dibenzo(a,h)anthracene
Concen: 4.645 ng/ul
RT: 26.168 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Instrument :
BNA_P
ClientSampleId :
E05M4DL

Tgt Ion:278 Resp: 490516

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.6#
279	25.9	18.7	28.1





#96
Benzo(g,h,i)perylene
Concen: 15.490 ng/ul
RT: 26.921 min Scan# 4052
Delta R.T. 0.006 min
Lab File: BP018640.D
Acq: 06 Dec 2023 16:55

Tgt Ion:276 Resp: 1582382

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.1	27.1
277	23.8	19.4	29.0