Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
Data File : BP017408.D
Acq On : 27 Sep 2023 21:08
Operator : MA/JU
Sample : 04472-21RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Quant Time: Sep 27 22:33:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	140908	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.740	136	589862	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	338893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	734718	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	690198	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	800002	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	7358	2.145	ng/uL	0.00
4) Pyridine-d5	3.722	84	160	0.017	ng/ul	0.00
7) Phenol-d5	7.075	99	100474	8.682	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	86687	12.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	94342	10.278	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	19413	2.158	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	47398	11.115	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.834	143	41945	9.059	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	65653	7.505	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	44614	3.521	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	292067	12.030	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	309933	11.100	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.828	143	5143	1.216	ng/ul	0.01
60) Fluorene-d10	15.575	176	270054	12.921	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	6222	1.503	ng/ul	0.00
73) Anthracene-d10	17.451	188	401820	12.331	ng/ul	0.00
81) Pyrene-d10	19.692	212	528618	14.163	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	516779	13.417	ng/ul	-0.01
Target Compounds						Qvalue
6) Benzaldehyde	7.099	77	8164	1.382	ng/ul#	1
16) Acetophenone	8.769	105	69492	4.998	ng/ul	98
30) Naphthalene	10.793	128	96307	3.136	ng/ul	99
36) 2-Methylnaphthalene	12.398	142	31133	1.553	ng/ul	98
37) 1-Methylnaphthalene	12.622	142	23022	1.123	ng/ul#	90
52) Acenaphthene	14.640	153	26894	1.247	ng/ul	92
61) Fluorene	15.634	166	29763	1.241	ng/ul	88
72) Phenanthrene	17.392	178	260884	6.779	ng/ul	98
74) Anthracene	17.392	178	261475	6.704	ng/ul	99
80) Fluoranthene	19.363	202	370002	8.500	ng/ul	98
82) Pyrene	19.722	202	361839	7.820	ng/ul	99
85) Benzo(a)anthracene	21.439	228	170898	3.669	ng/ul#	94
87) Chrysene	21.498	228	141141	3.220	ng/ul#	89
90) Benzo(b)fluoranthene	23.186	252	218973	4.643	ng/ul#	85
91) Benzo(k)fluoranthene	23.186	252	218973	4.602	ng/ul#	86
93) Benzo(a)pyrene	23.851	252	151570	3.359	ng/ul#	85
94) Indeno(1,2,3-cd)pyrene	26.615	276	98464	1.741	ng/ul	97
96) Benzo(g,h,i)perylene	27.451	276	99764	2.187	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
Data File : BP017408.D
Acq On : 27 Sep 2023 21:08
Operator : MA/JU
Sample : 04472-21RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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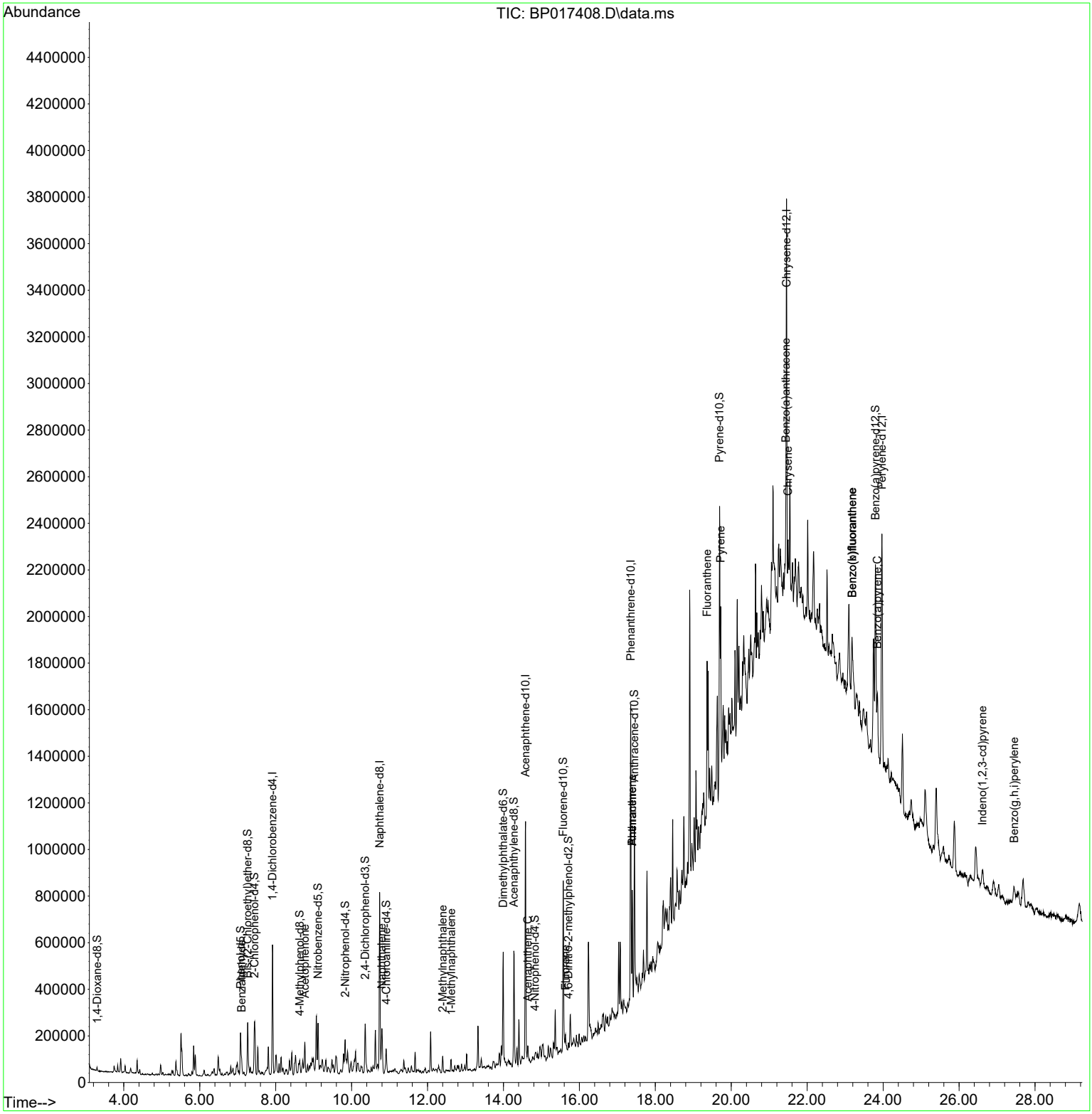
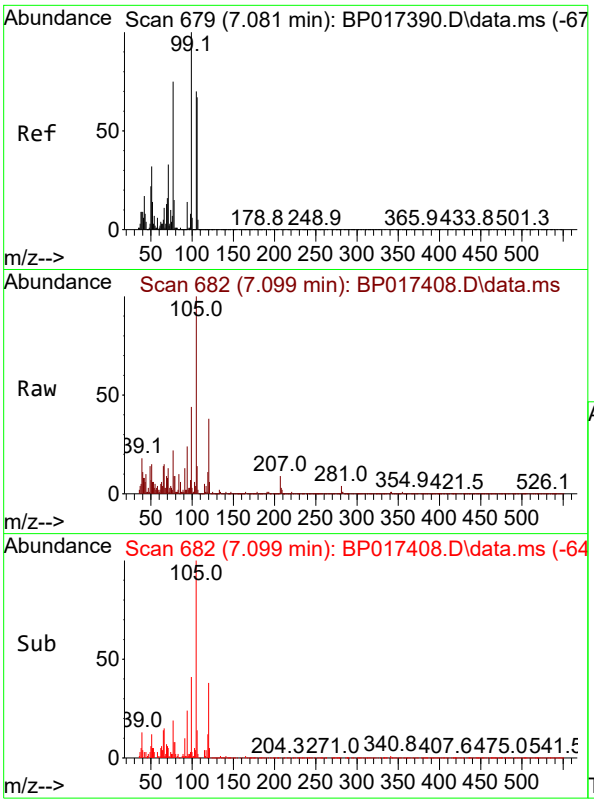
Quant Time: Sep 27 22:33:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration



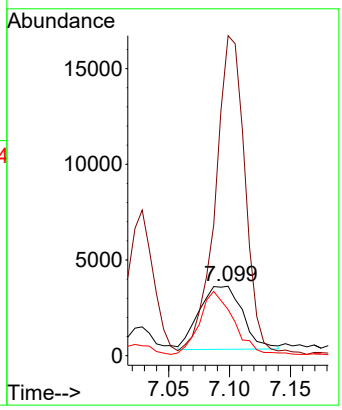


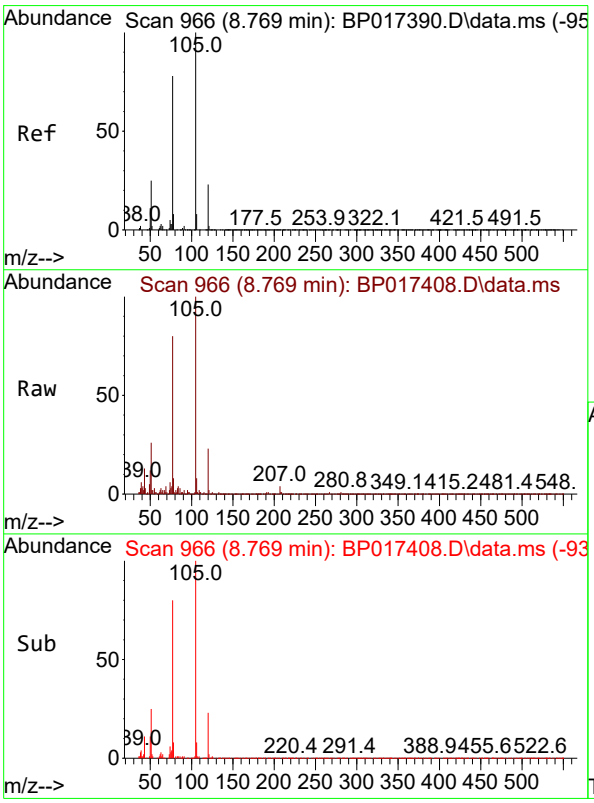
#6
Benzaldehyde
Concen: 1.382 ng/ul
RT: 7.099 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion: 77 Resp: 8164

Ion	Ratio	Lower	Upper
77	100		
105	461.0	78.0	117.0#
106	66.3	73.2	109.8#

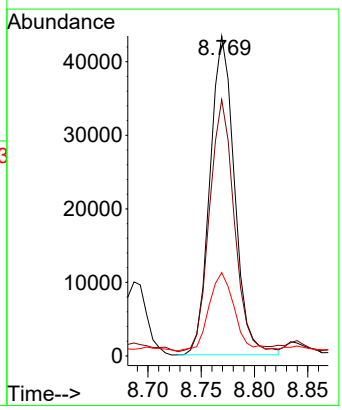


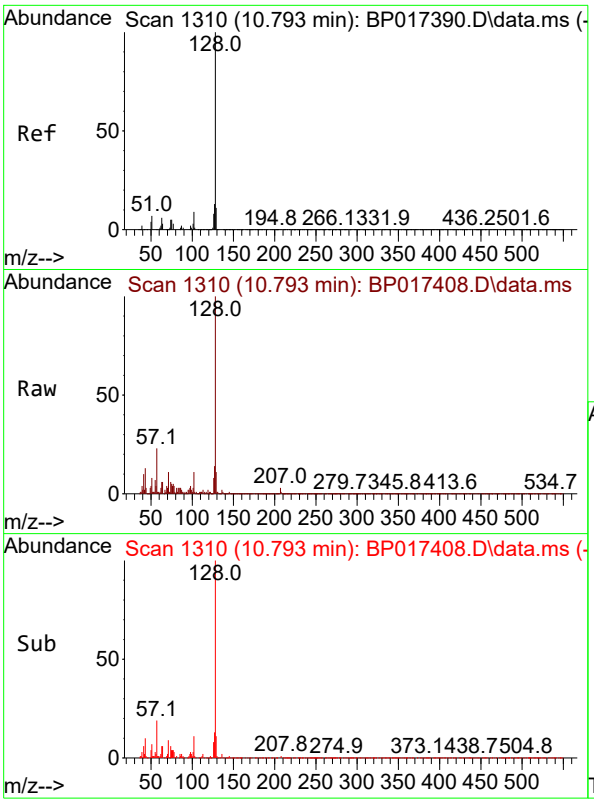


#16
Acetophenone
Concen: 4.998 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:105 Resp: 69492

Ion	Ratio	Lower	Upper
105	100		
77	80.1	63.6	95.4
51	26.1	19.2	28.8



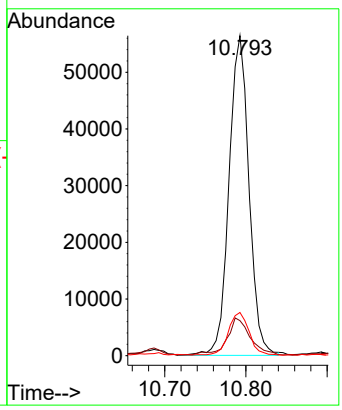


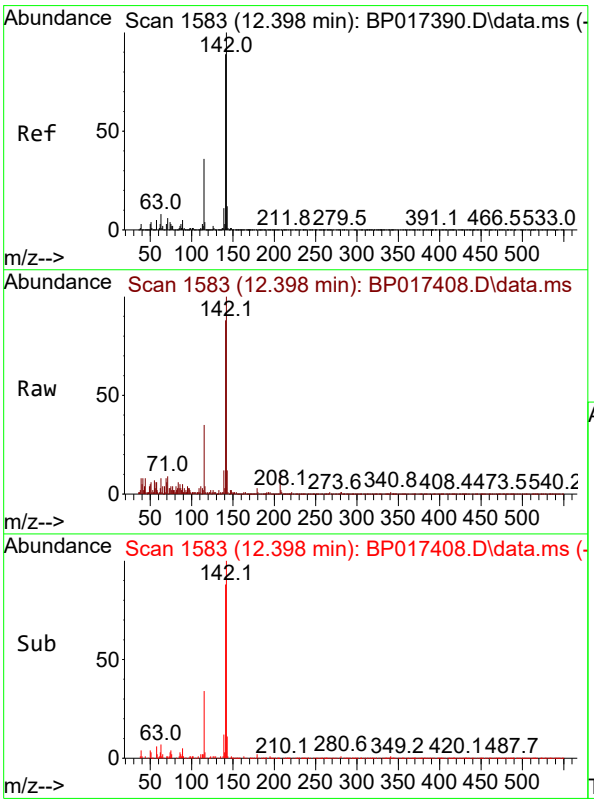
#30
Naphthalene
Concen: 3.136 ng/ul
RT: 10.793 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:128 Resp: 96307

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.5	10.6	15.8

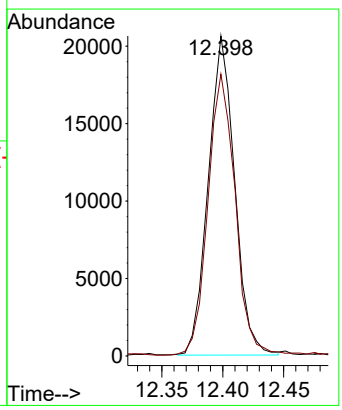


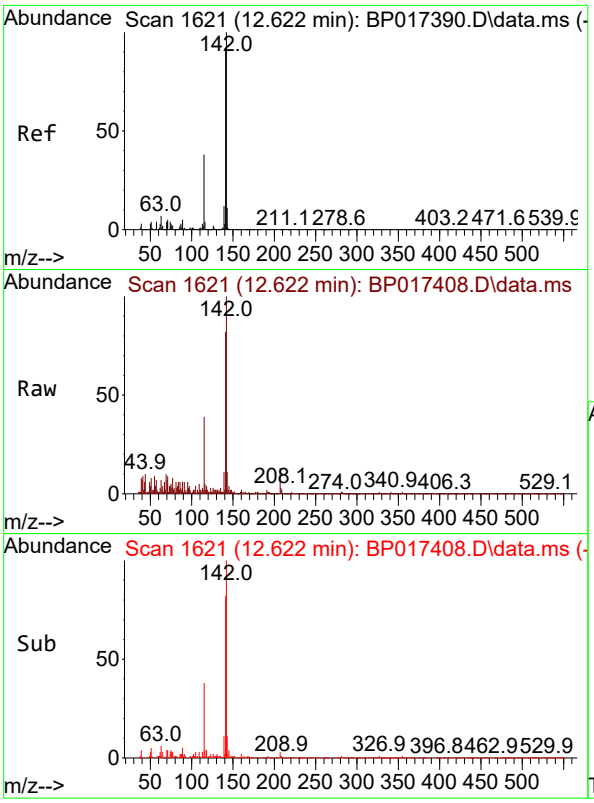


#36
2-Methylnaphthalene
Concen: 1.553 ng/ul
RT: 12.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:142 Resp: 31133

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.9	107.9



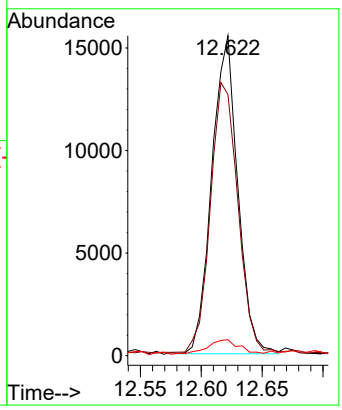


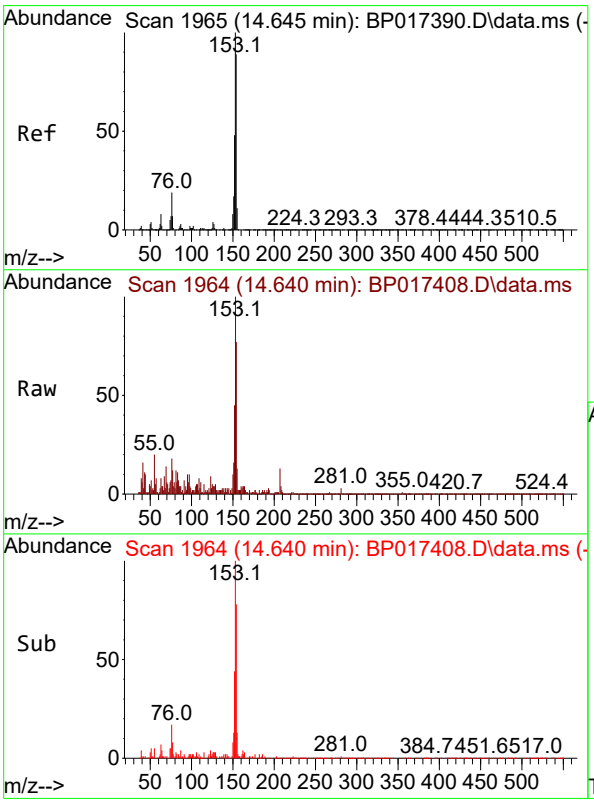
#37
1-Methylnaphthalene
Concen: 1.123 ng/ul
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:142 Resp: 23022

Ion	Ratio	Lower	Upper
142	100		
141	81.6	73.4	110.2
116	5.0	3.1	4.7#

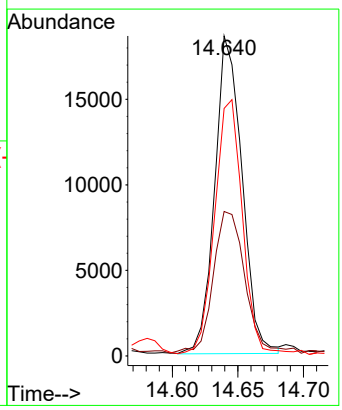


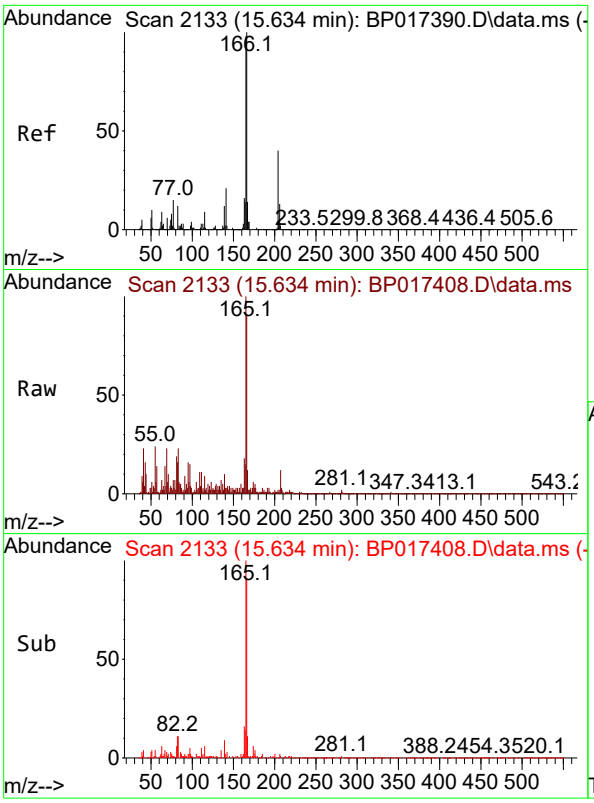


#52
Acenaphthene
Concen: 1.247 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:153 Resp: 26894

Ion	Ratio	Lower	Upper
153	100		
152	45.2	38.0	57.0
154	77.3	70.1	105.1



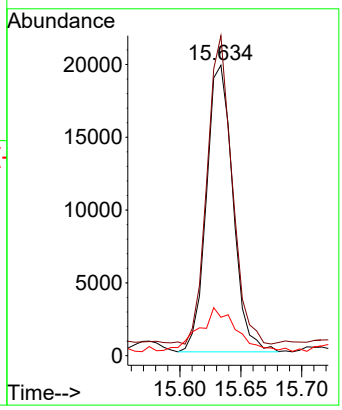


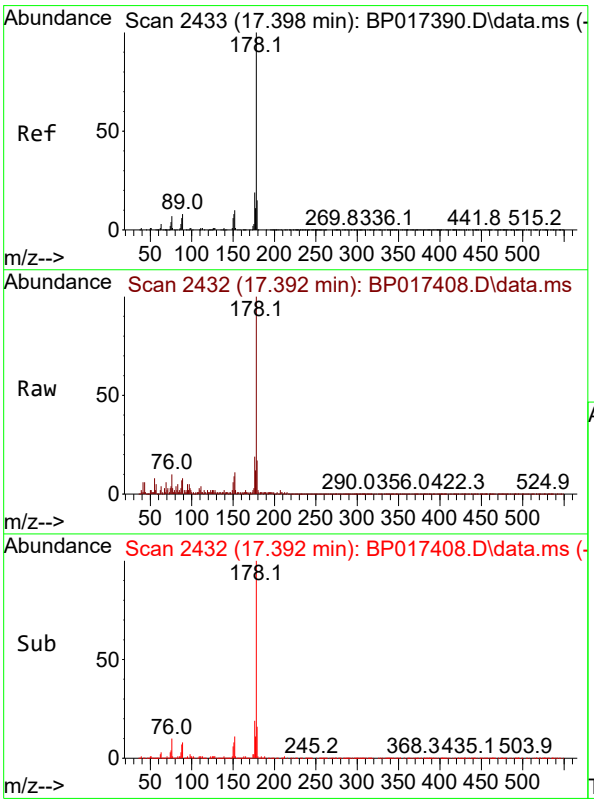
#61
Fluorene
Concen: 1.241 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:166 Resp: 29763

Ion	Ratio	Lower	Upper
166	100		
165	110.2	77.8	116.6
167	13.2	10.9	16.3

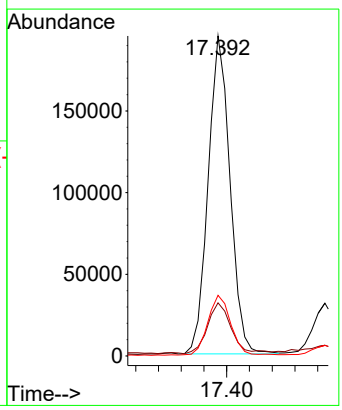


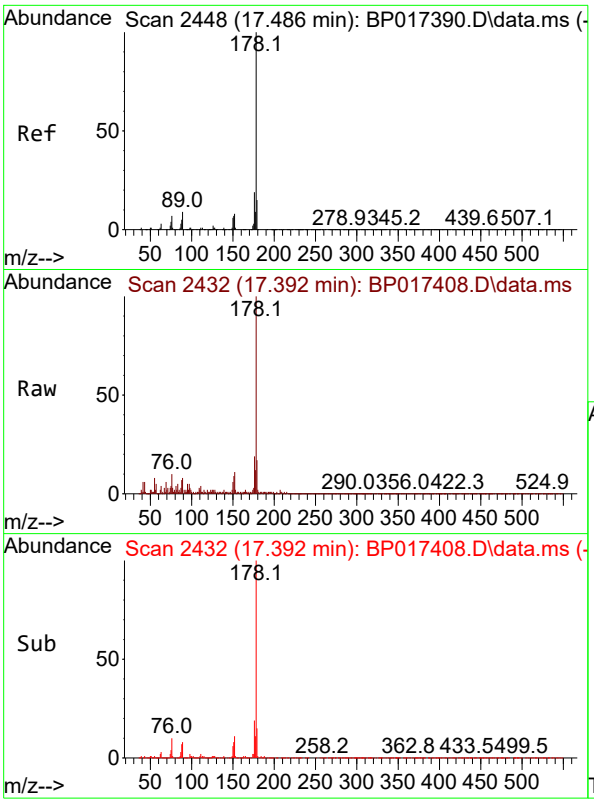


#72
Phenanthrene
Concen: 6.779 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:178 Resp: 260884

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	19.0	15.8	23.6



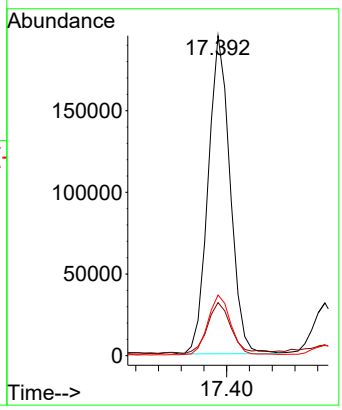


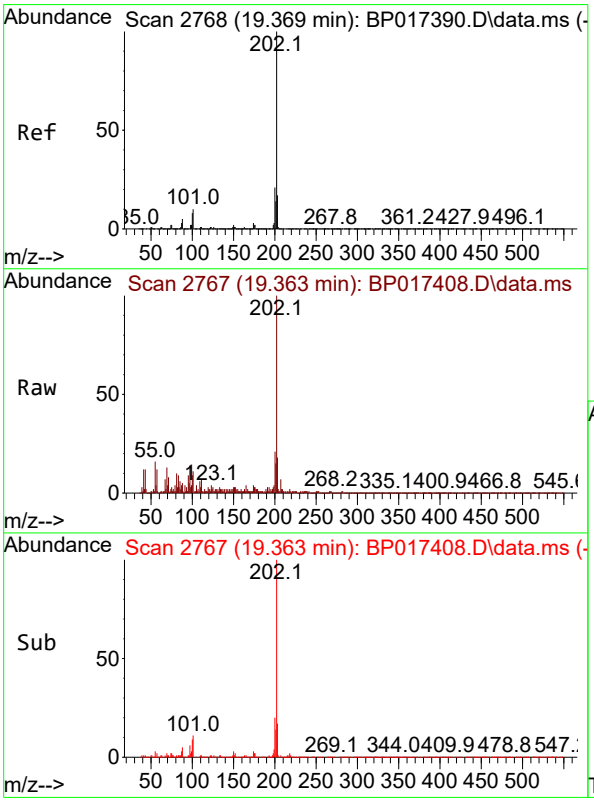
#74
Anthracene
Concen: 6.704 ng/ul
RT: 17.392 min Scan# 24
Delta R.T. -0.100 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:178 Resp: 261475

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	19.0	15.1	22.7

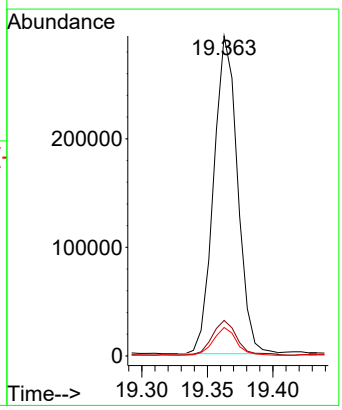


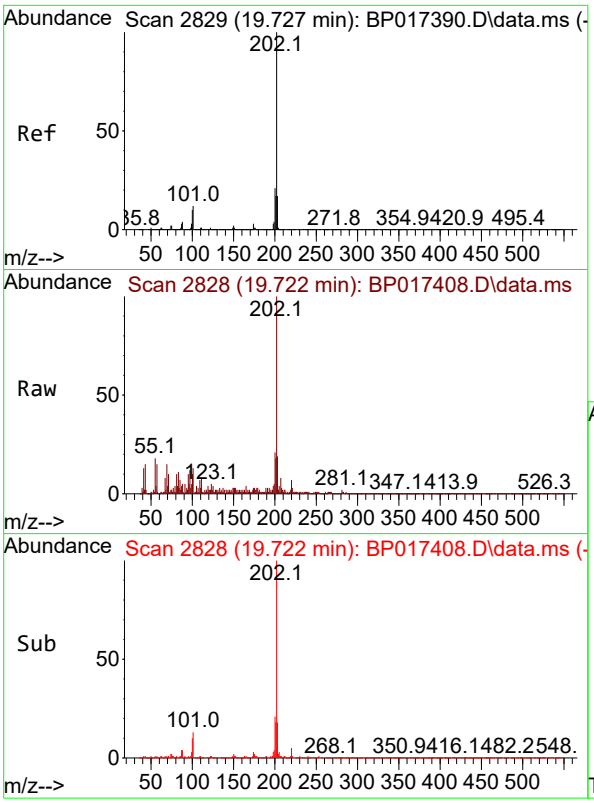


#80
Fluoranthene
Concen: 8.500 ng/ul
RT: 19.363 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:202 Resp: 370002

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.4	12.6
100	8.9	6.6	10.0



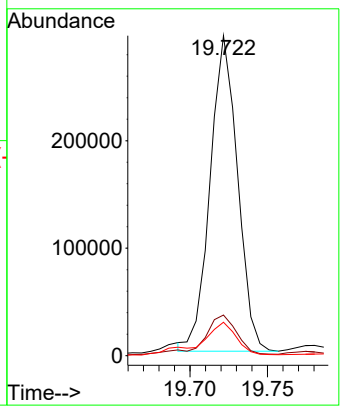


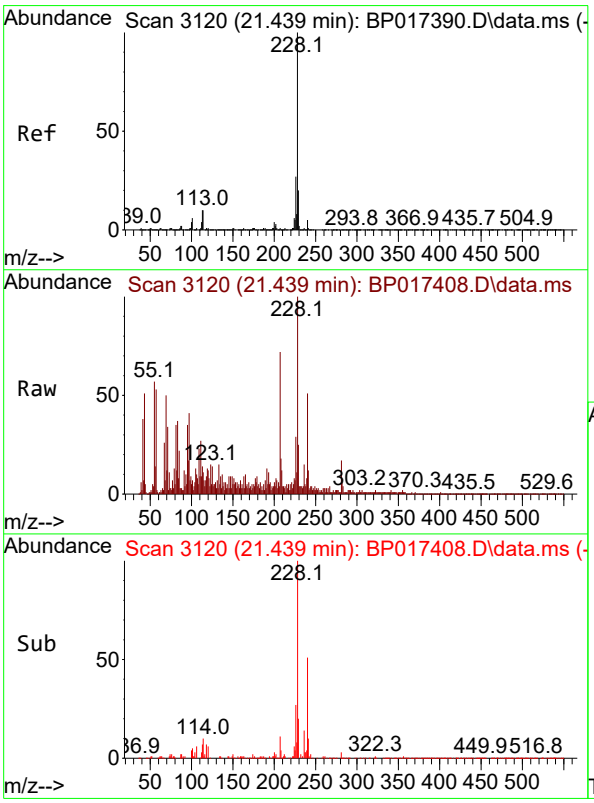
#82
Pyrene
Concen: 7.820 ng/ul
RT: 19.722 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:202 Resp: 361839

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
100	10.5	8.1	12.1

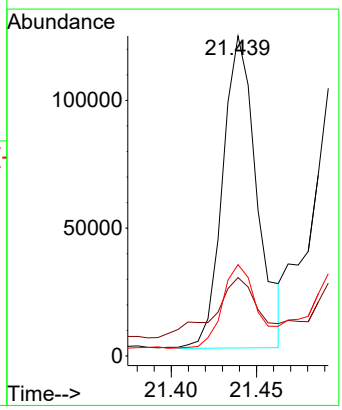


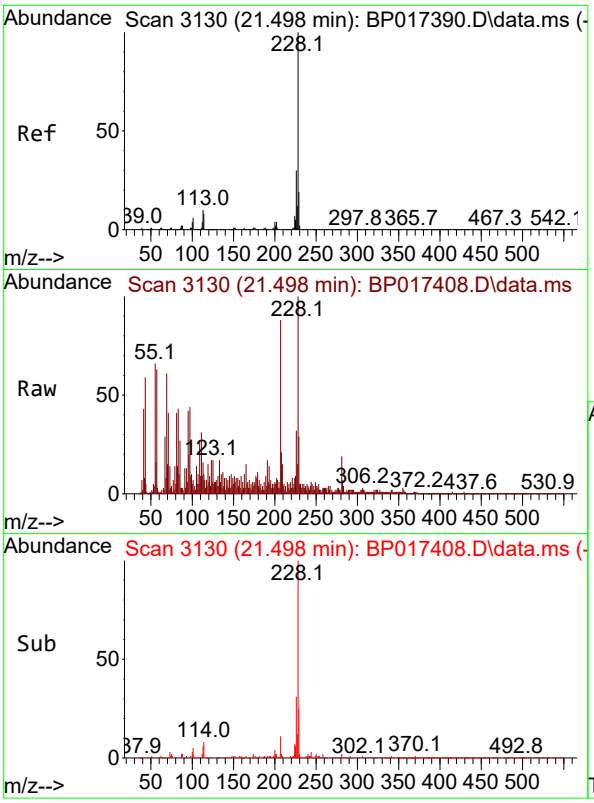


#85
Benzo(a)anthracene
Concen: 3.669 ng/ul
RT: 21.439 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:228 Resp: 170898

Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.8	23.6#
226	28.6	21.8	32.8



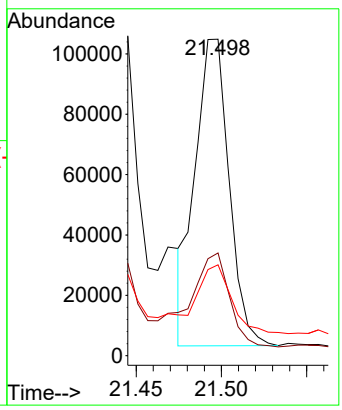


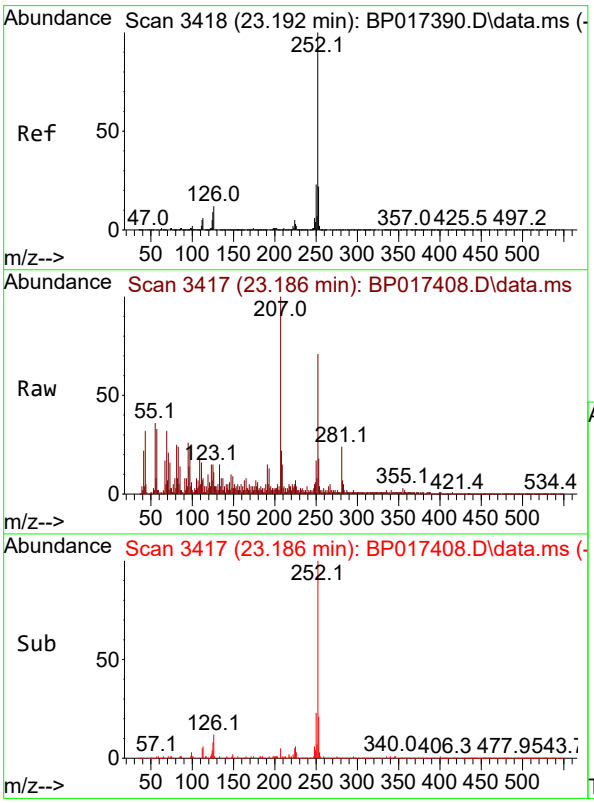
#87
Chrysene
Concen: 3.220 ng/ul
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:228 Resp: 141141

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.1	36.1
229	28.7	15.0	22.6#

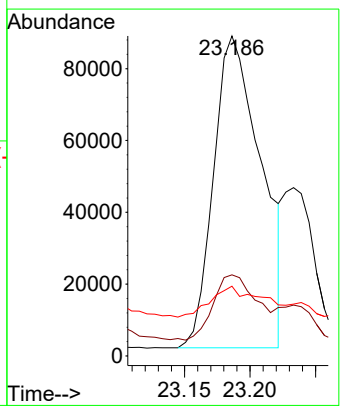


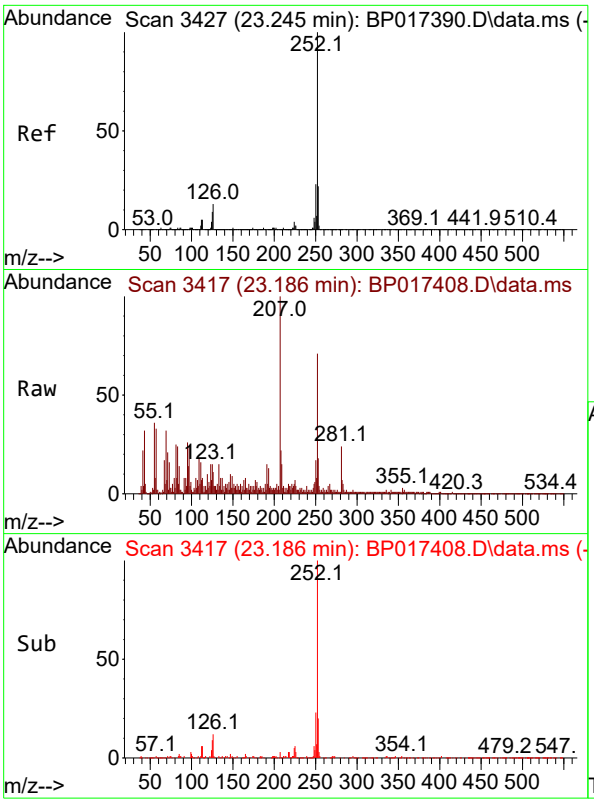


#90
Benzo(b)fluoranthene
Concen: 4.643 ng/ul
RT: 23.186 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:252 Resp: 218973

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	21.8	7.8	11.8#



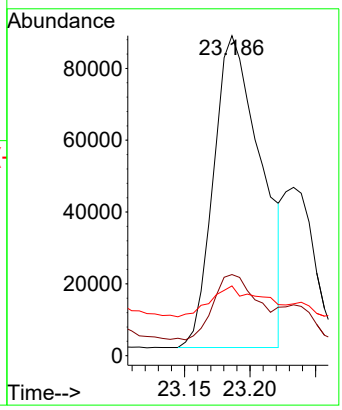


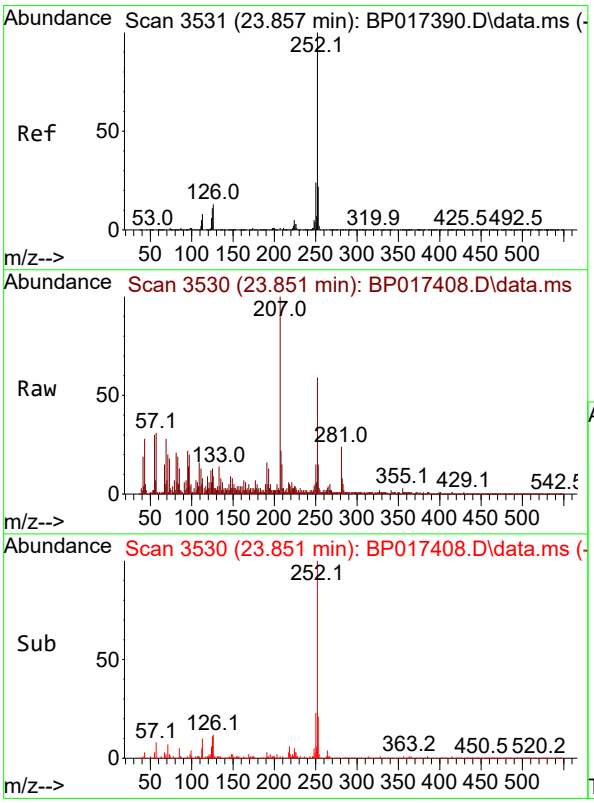
#91
Benzo(k)fluoranthene
Concen: 4.602 ng/ul
RT: 23.186 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:252 Resp: 218973

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	21.8	7.8	11.6#

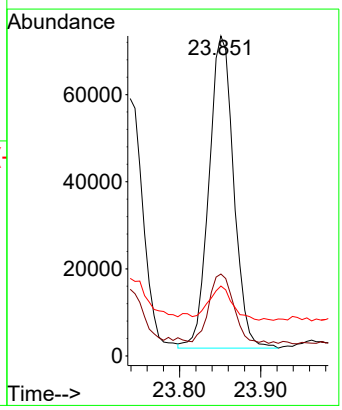


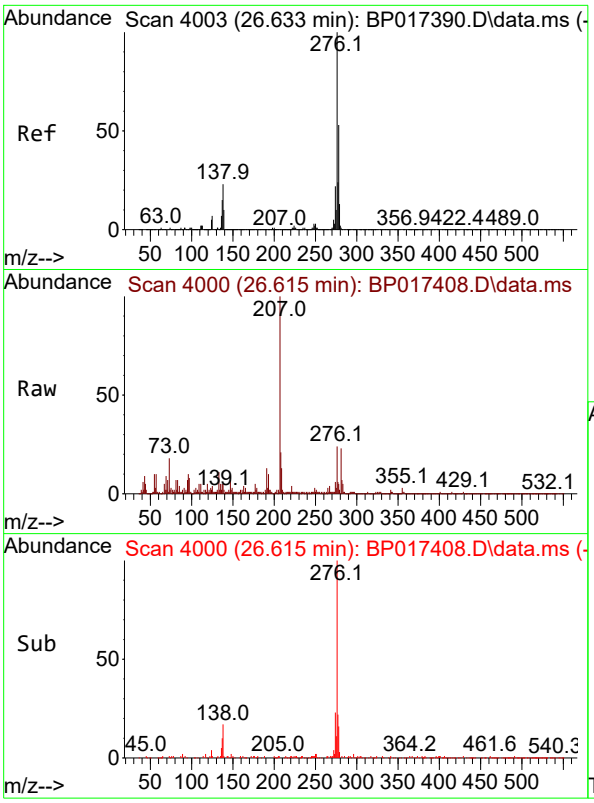


#93
Benzo(a)pyrene
Concen: 3.359 ng/ul
RT: 23.851 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:252 Resp: 151570

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	21.9	8.9	13.3#



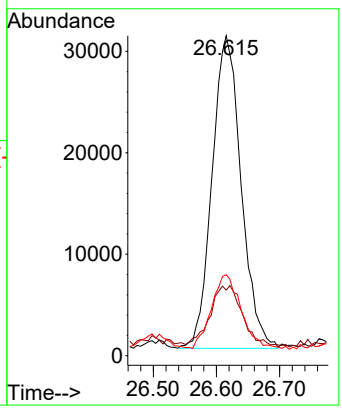


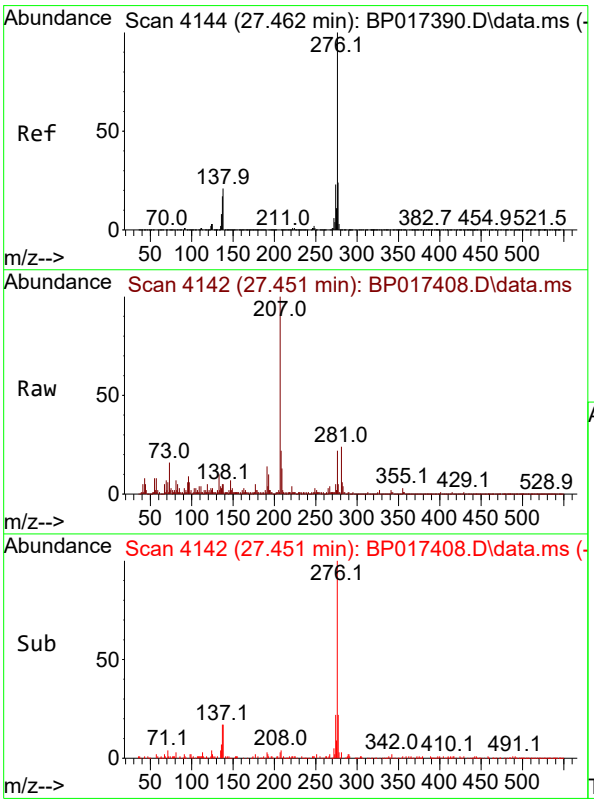
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.741 ng/ul
RT: 26.615 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_P
ClientSampleId :
SSTD020756

Tgt Ion:276 Resp: 98464

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.9	26.9
277	25.3	19.5	29.3





#96
Benzo(g,h,i)perylene
Concen: 2.187 ng/ul
RT: 27.451 min Scan# 4142
Delta R.T. -0.012 min
Lab File: BP017408.D
Acq: 27 Sep 2023 21:08

Tgt Ion:276 Resp: 99764

Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.3	25.9
277	23.4	18.8	28.2