Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048016.D
Acq On : 11 Oct 2024 18:36
Operator : RC/JU
Sample : P4237-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F21

Quant Time: Oct 12 00:36:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	97631	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	395131	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	246760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	530987	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	509902	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	596574	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6607	2.187	ng/uL	0.00
4) Pyridine-d5	3.670	84	16832	1.903	ng/ul	0.01
7) Phenol-d5	6.952	99	169318	18.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	97888	14.942	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	137543	20.477	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	111664	16.268	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	63098	20.056	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	68305	22.656	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	136583	22.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	12233	1.314	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	403867	22.575	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	476675	22.472	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	58882	16.531	ng/ul	0.00
60) Fluorene-d10	15.410	176	373655	24.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	41181	13.253	ng/ul	0.00
73) Anthracene-d10	17.251	188	585544	22.427	ng/ul	-0.01
81) Pyrene-d10	19.545	212	677017	23.394	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.162	264	541854	17.506	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.981	94	20811	2.119	ng/ul	89
16) Acetophenone	8.604	105	36927	3.144	ng/ul	98
50) Acenaphthylene	14.139	152	78190	3.269	ng/ul	99
52) Acenaphthene	14.481	153	21131	1.250	ng/ul	90
61) Fluorene	15.463	166	25941	1.366	ng/ul	99
72) Phenanthrene	17.198	178	714838	22.956	ng/ul	99
74) Anthracene	17.286	178	150882	4.751	ng/ul	99
77) Carbazole	17.557	167	96119	3.339	ng/ul	99
80) Fluoranthene	19.210	202	2173188	63.761	ng/ul	100
82) Pyrene	19.574	202	1699496	44.800	ng/ul	96
85) Benzo(a)anthracene	21.363	228	922507	25.839	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	370158	18.383	ng/ul#	98
87) Chrysene	21.421	228	1187501	34.119	ng/ul	97
90) Benzo(b)fluoranthene	23.427	252	1825896	49.078	ng/ul	98
91) Benzo(k)fluoranthene	23.427	252	1825896	47.997	ng/ul	98
93) Benzo(a)pyrene	24.227	252	670120	18.966	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.739	276	730340	16.129	ng/ul	97
95) Dibenzo(a,h)anthracene	27.780	278	224475	6.049	ng/ul#	91
96) Benzo(g,h,i)perylene	28.791	276	91269	2.573	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
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Misc :
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Instrument :
BNA_M
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Quant Time: Oct 12 00:36:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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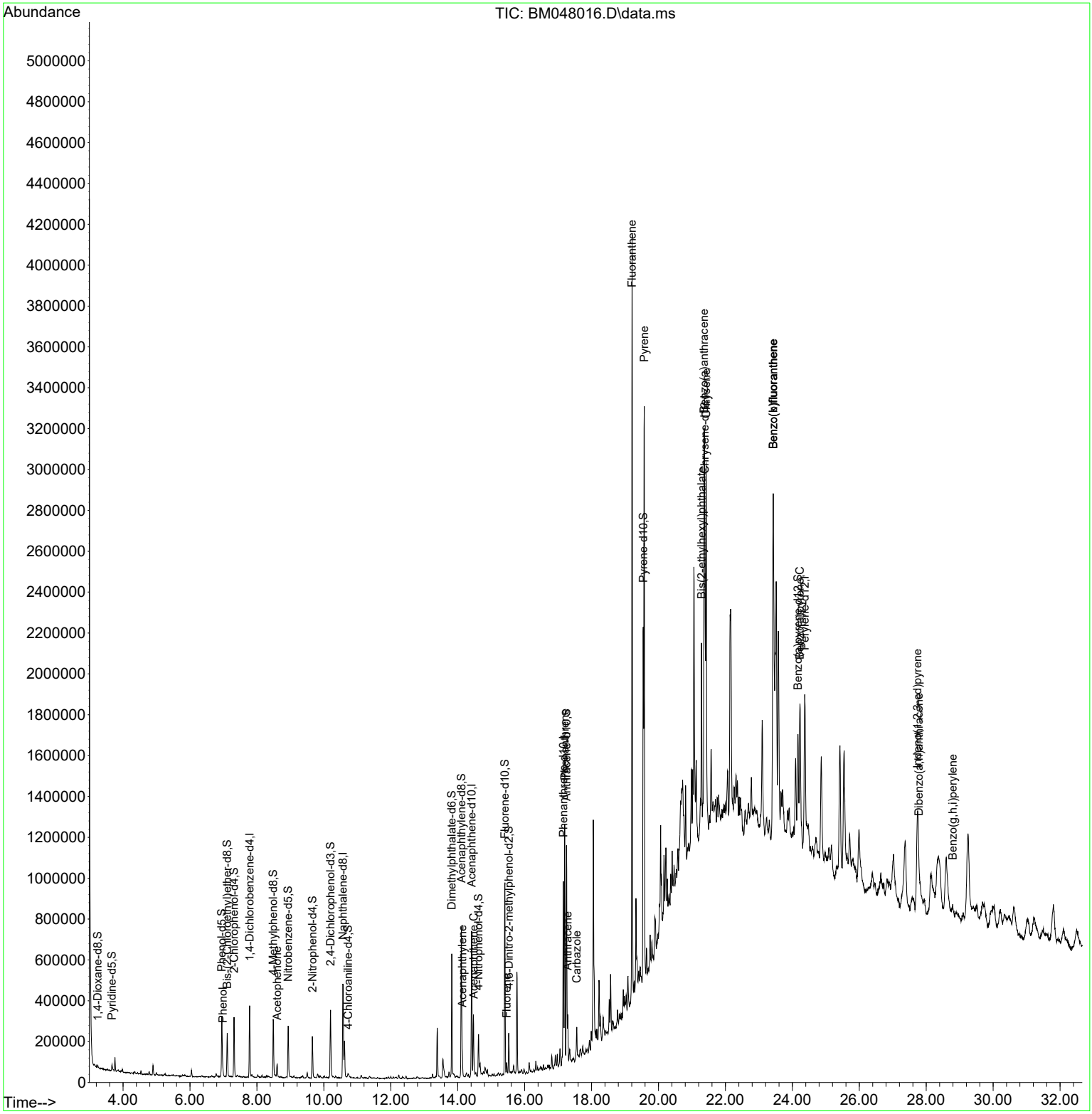
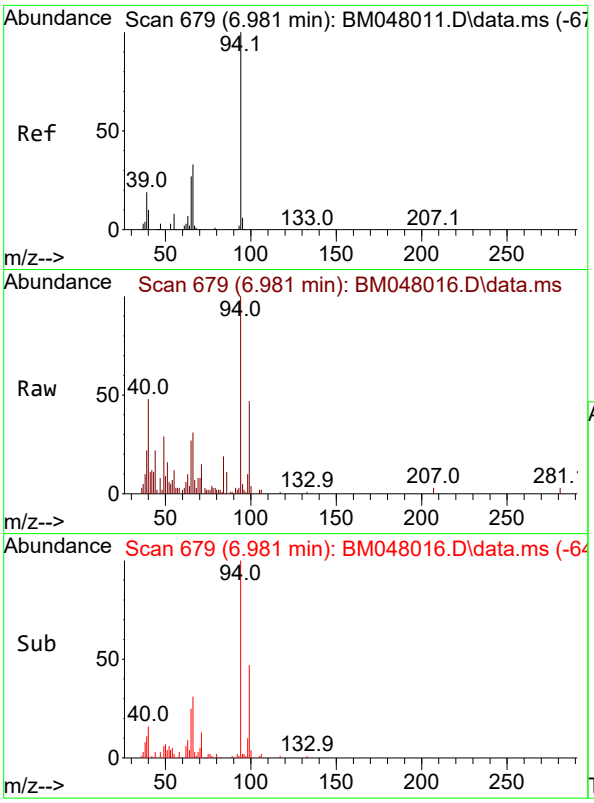
Response via : Initial Calibration



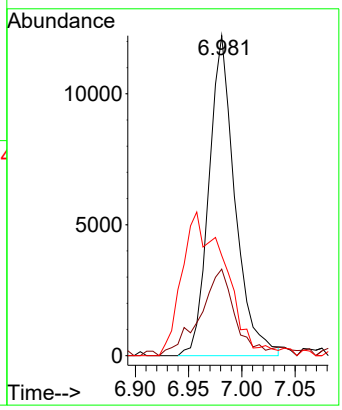


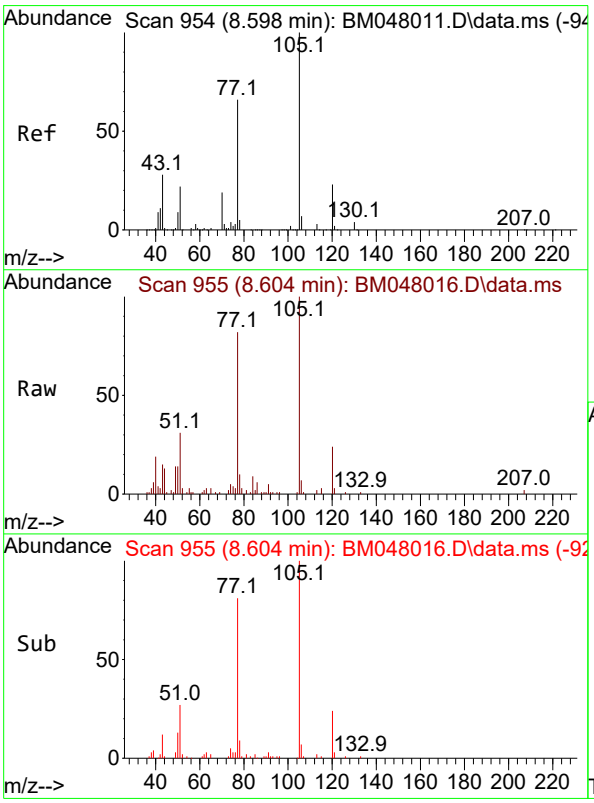
#8
Phenol
Concen: 2.119 ng/ul
RT: 6.981 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion: 94 Resp: 20811

Ion	Ratio	Lower	Upper
94	100		
65	27.0	26.3	39.5
66	31.3	30.5	45.7

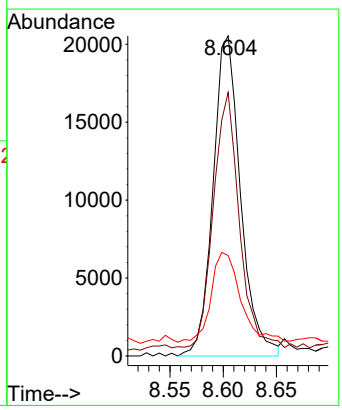


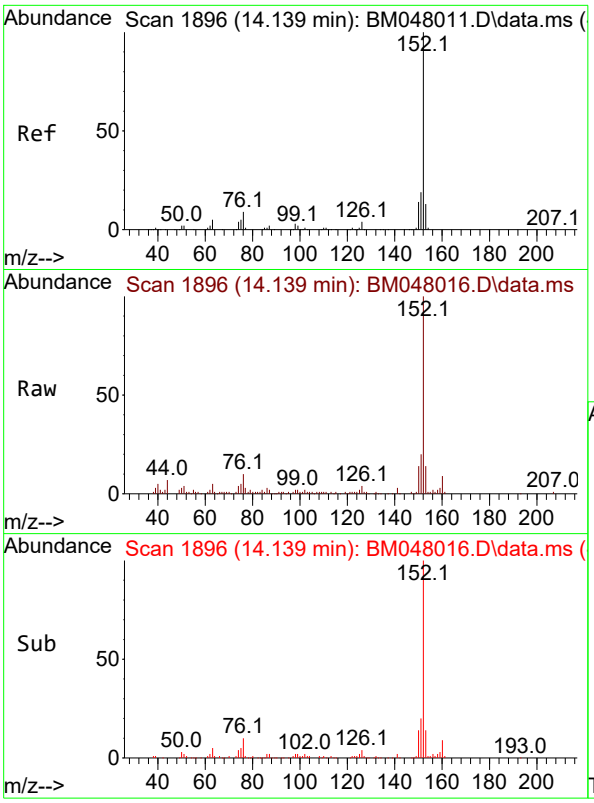


#16
Acetophenone
Concen: 3.144 ng/ul
RT: 8.604 min Scan# 955
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:105 Resp: 36927

Ion	Ratio	Lower	Upper
105	100		
77	82.4	66.6	100.0
51	31.4	27.0	40.4



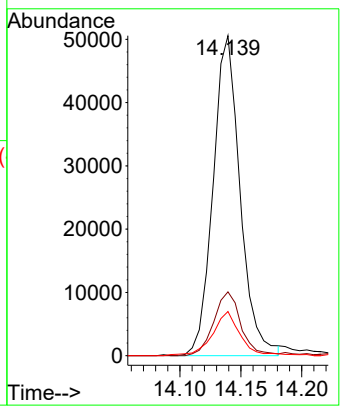


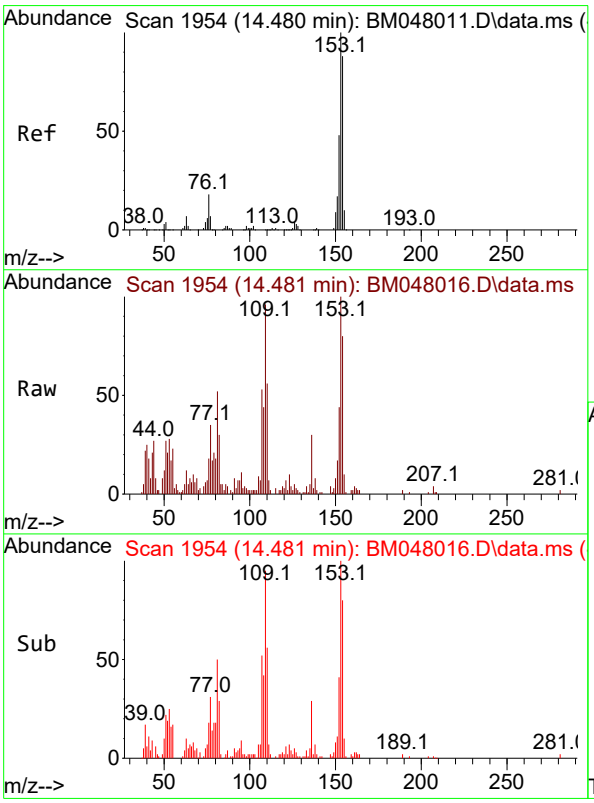
#50
Acenaphthylene
Concen: 3.269 ng/ul
RT: 14.139 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:152 Resp: 78190

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.8	10.7	16.1

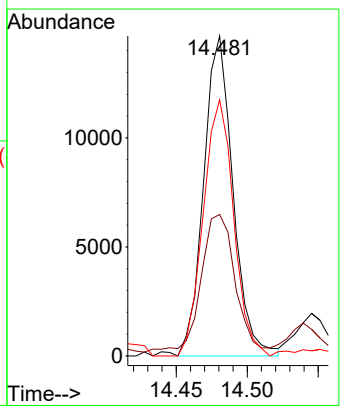


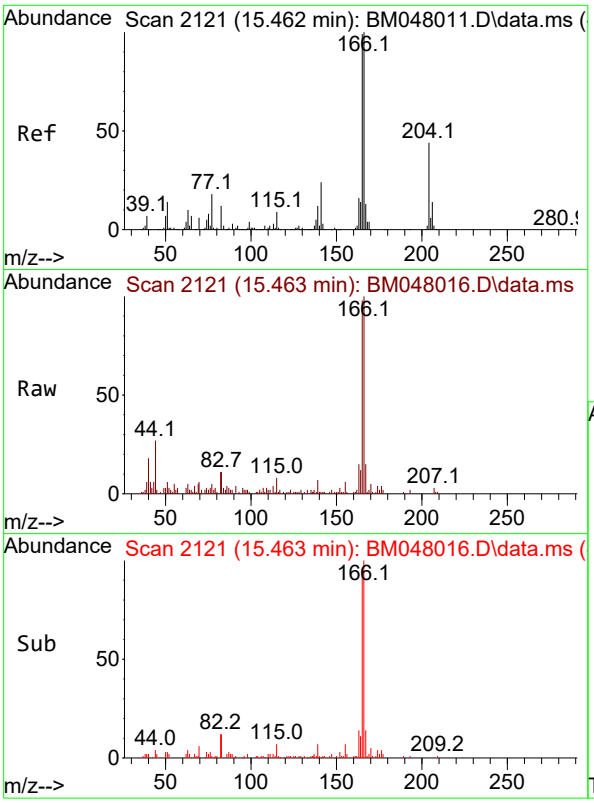


#52
Acenaphthene
Concen: 1.250 ng/ul
RT: 14.481 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:153 Resp: 21131

Ion	Ratio	Lower	Upper
153	100		
152	44.2	39.7	59.5
154	80.0	72.6	108.8



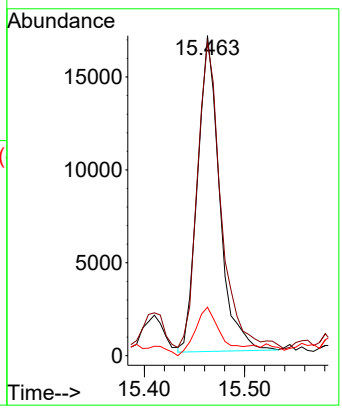


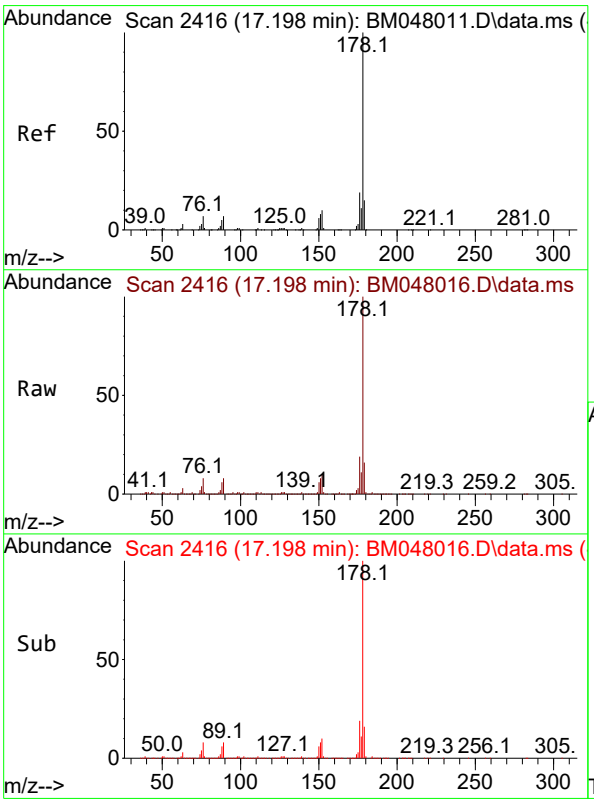
#61
Fluorene
Concen: 1.366 ng/ul
RT: 15.463 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:166 Resp: 25941

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	15.2	10.8	16.2

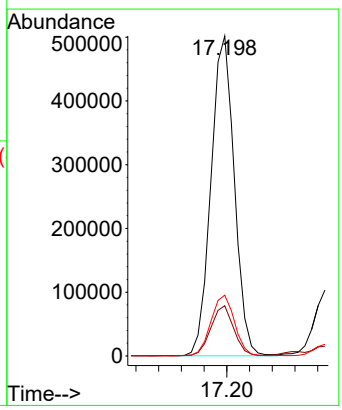


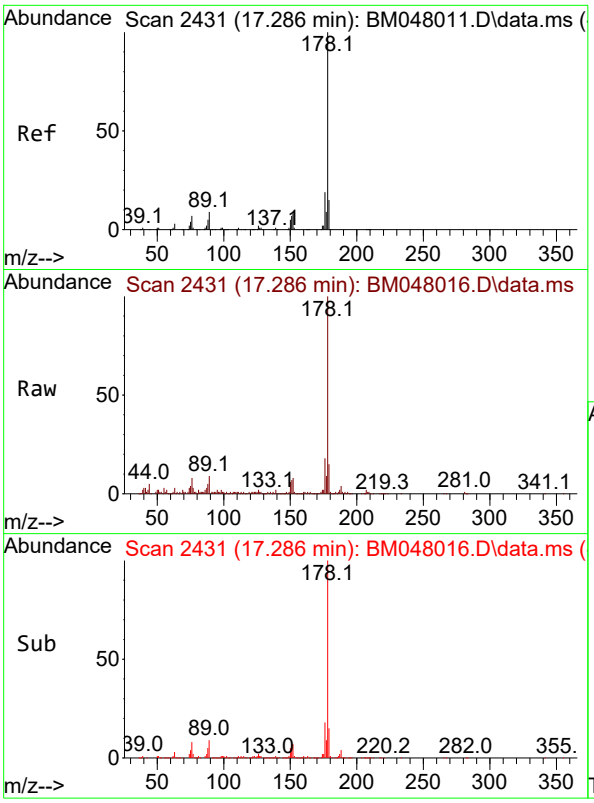


#72
Phenanthrene
Concen: 22.956 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:178 Resp: 714838

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.0	15.4	23.0



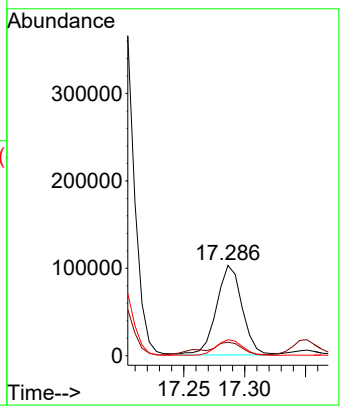


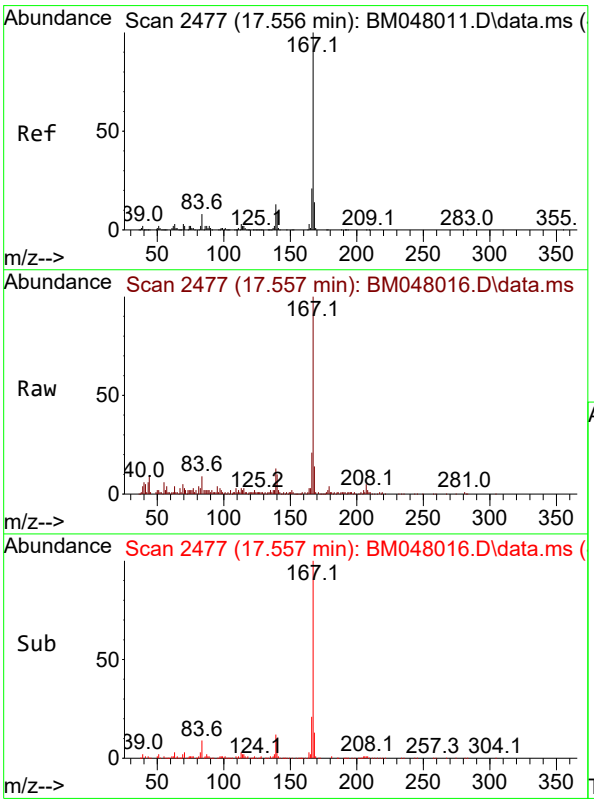
#74
Anthracene
Concen: 4.751 ng/ul
RT: 17.286 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:178 Resp: 150882

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.4	18.6
176	17.8	14.7	22.1

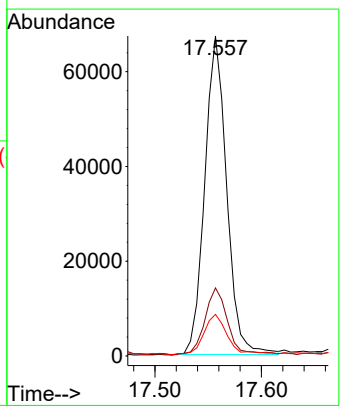


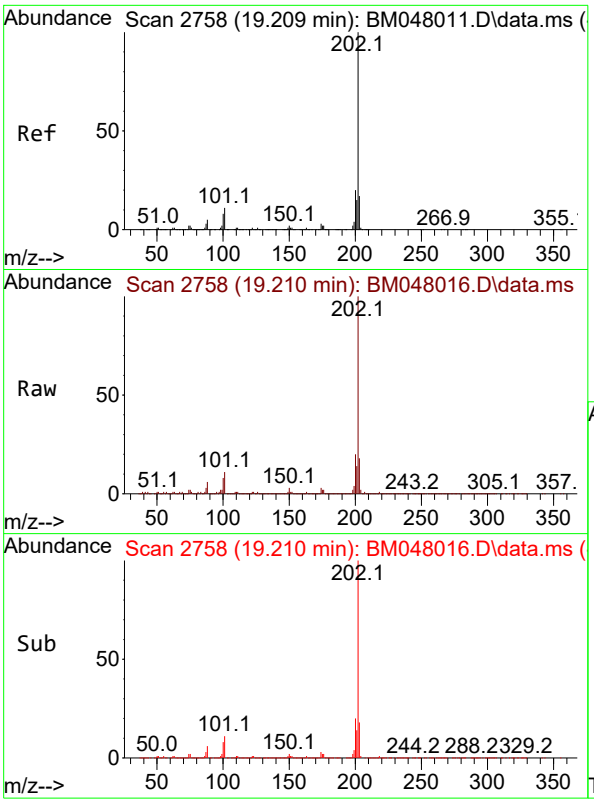


#77
Carbazole
Concen: 3.339 ng/ul
RT: 17.557 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:167 Resp: 96119

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.0	10.9	16.3



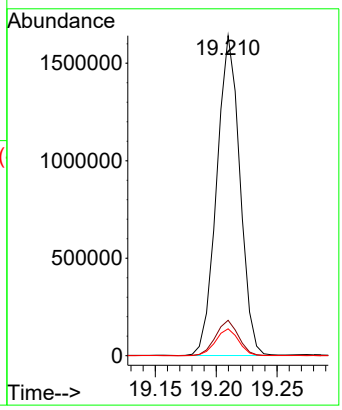


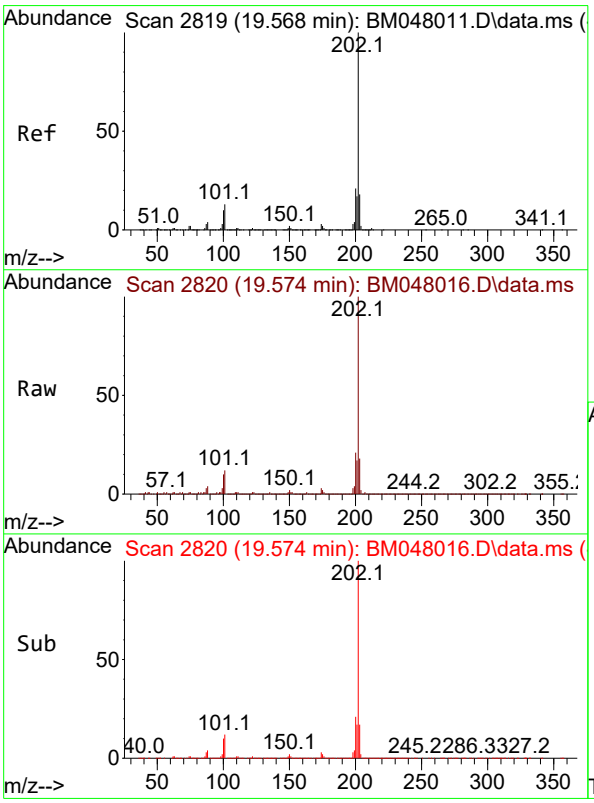
#80
Fluoranthene
Concen: 63.761 ng/ul
RT: 19.210 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:202 Resp: 2173188

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
100	8.4	6.8	10.2

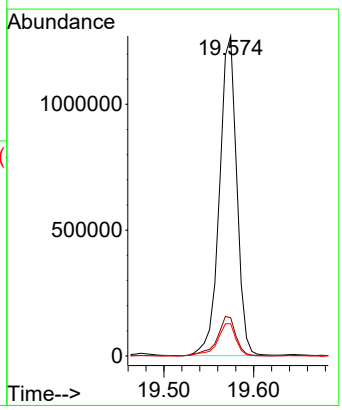


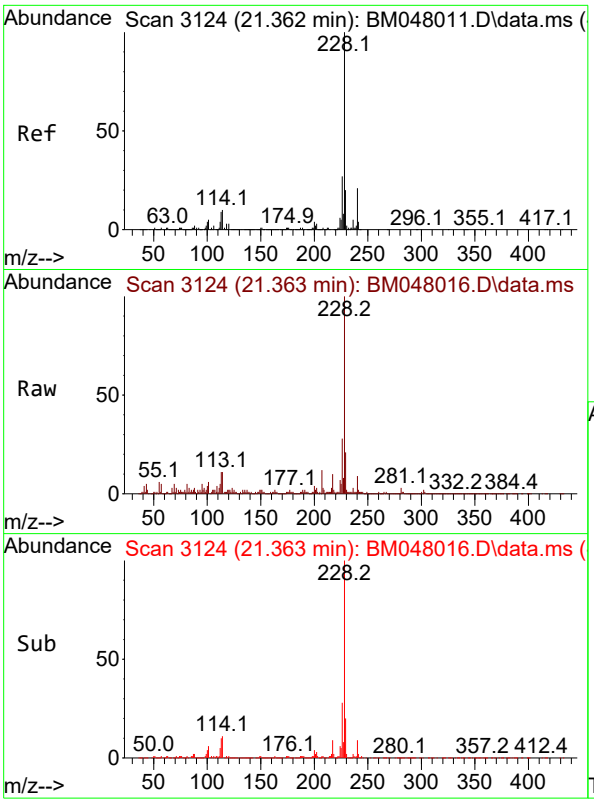


#82
Pyrene
Concen: 44.800 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:202 Resp: 1699496

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.9	16.3
100	10.0	9.4	14.2



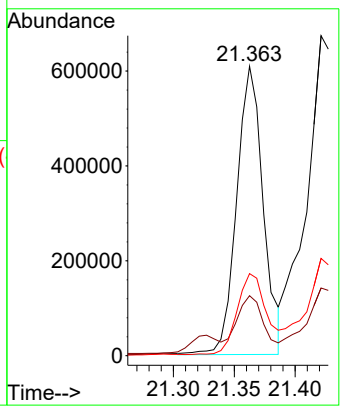


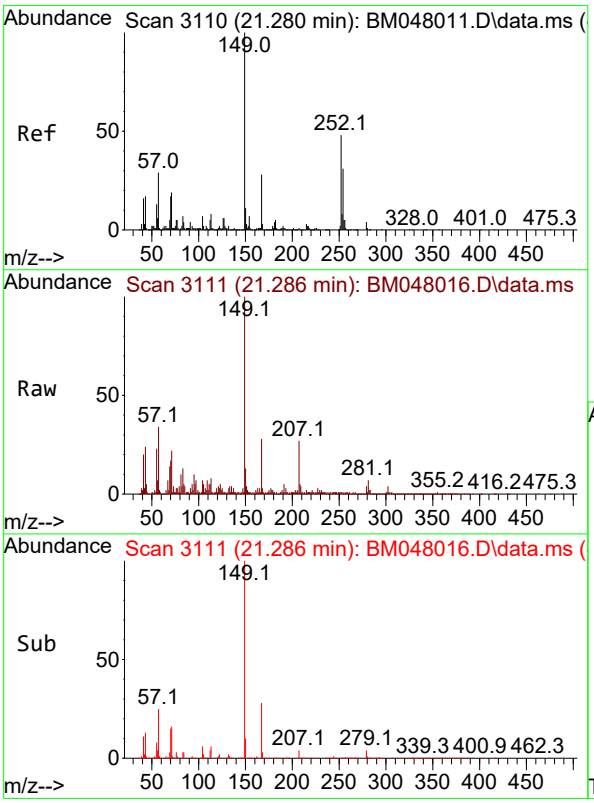
#85
Benzo(a)anthracene
Concen: 25.839 ng/ul
RT: 21.363 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:228 Resp: 922507

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	28.4	21.9	32.9

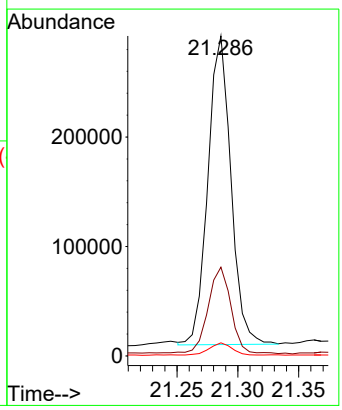


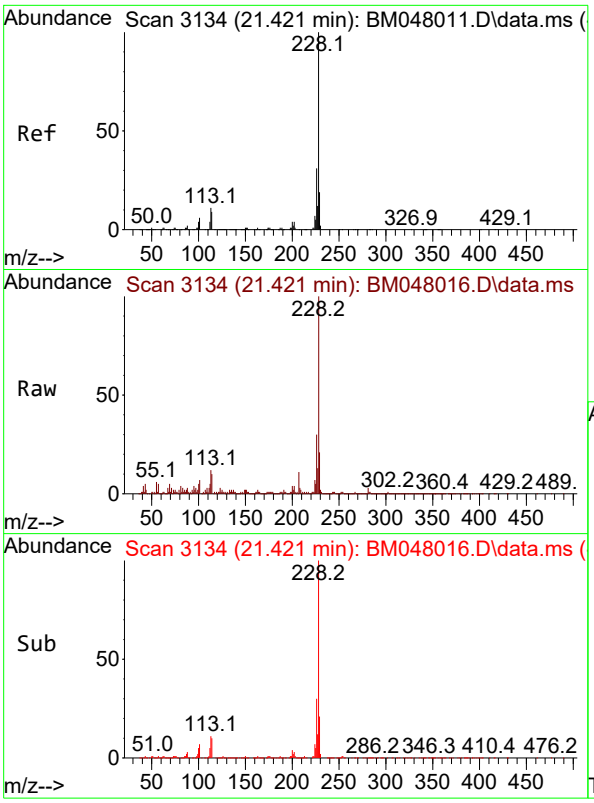


#86
Bis(2-ethylhexyl)phthalate
Concen: 18.383 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:149 Resp: 370158

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.1	2.7	4.1#



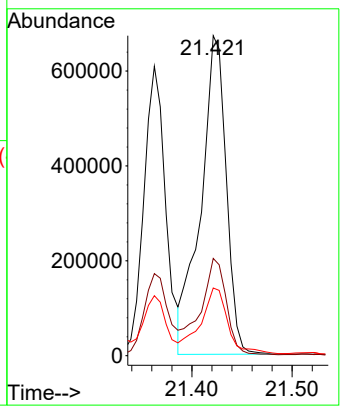


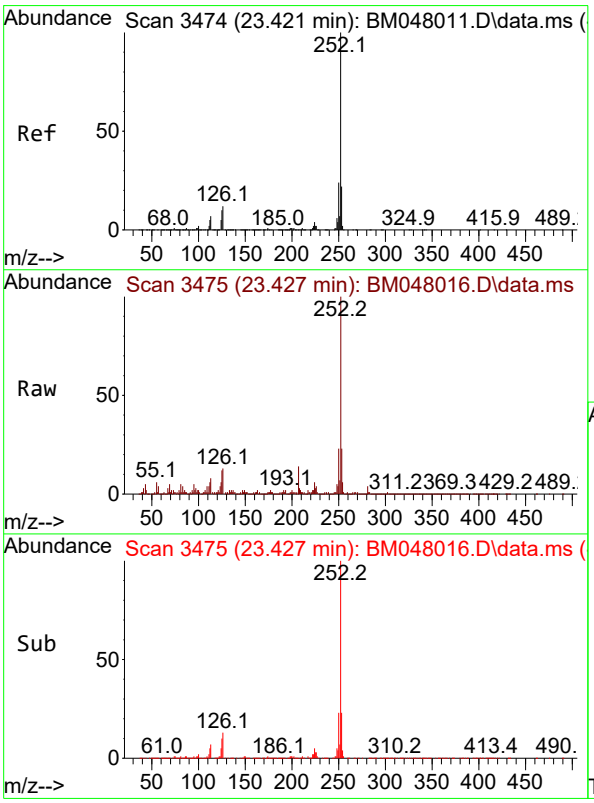
#87
Chrysene
Concen: 34.119 ng/ul
RT: 21.421 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:228 Resp: 1187501

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	21.1	15.3	22.9

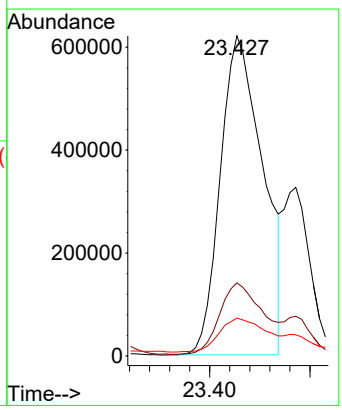


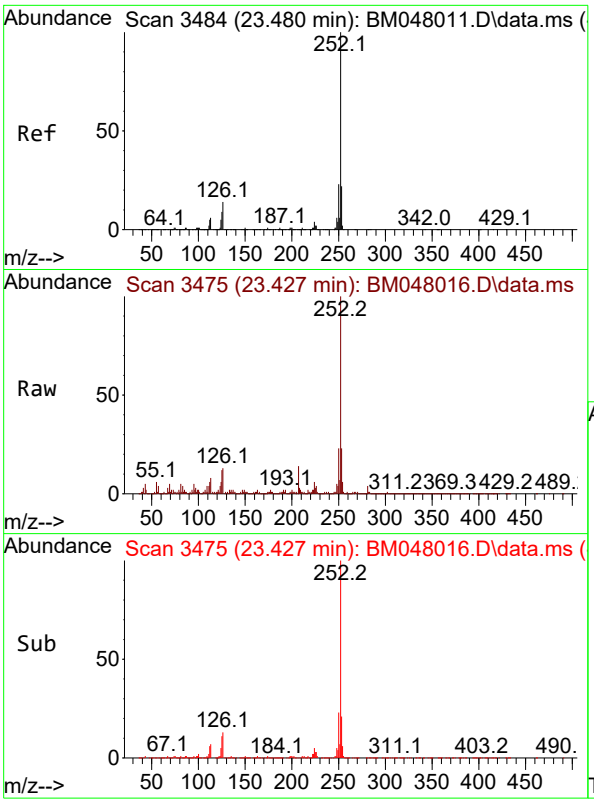


#90
Benzo(b)fluoranthene
Concen: 49.078 ng/ul
RT: 23.427 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:252 Resp: 1825896

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.9	9.0	13.4



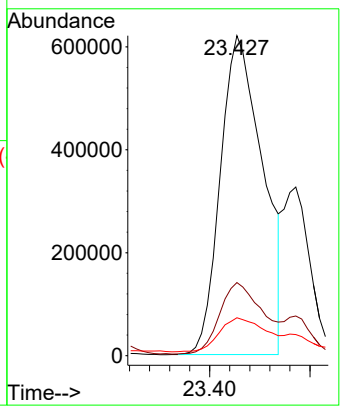


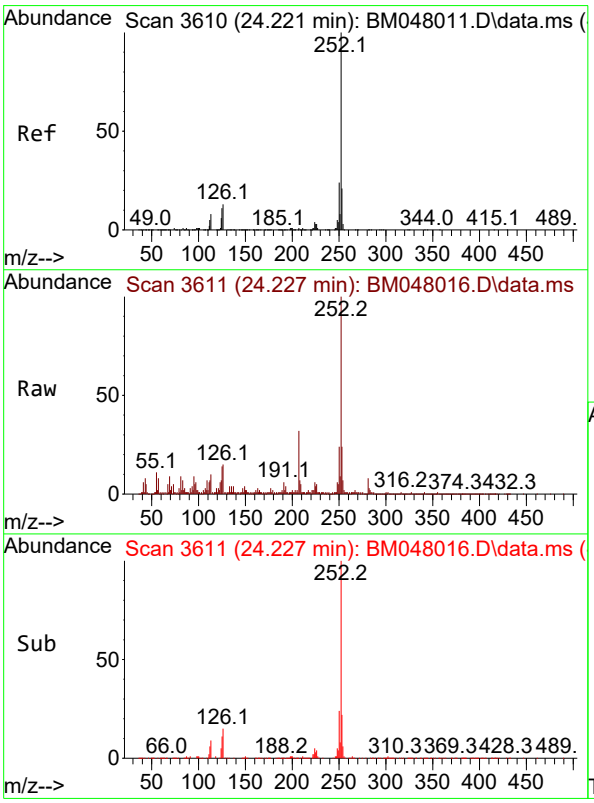
#91
Benzo(k)fluoranthene
Concen: 47.997 ng/ul
RT: 23.427 min Scan# 34
Delta R.T. -0.058 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:252 Resp: 1825896

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.9	8.9	13.3

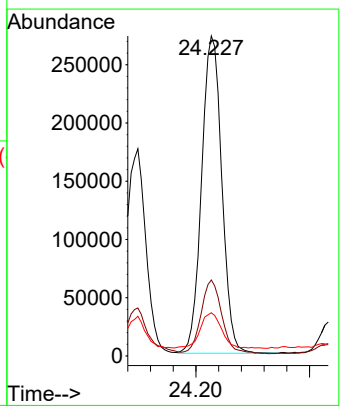


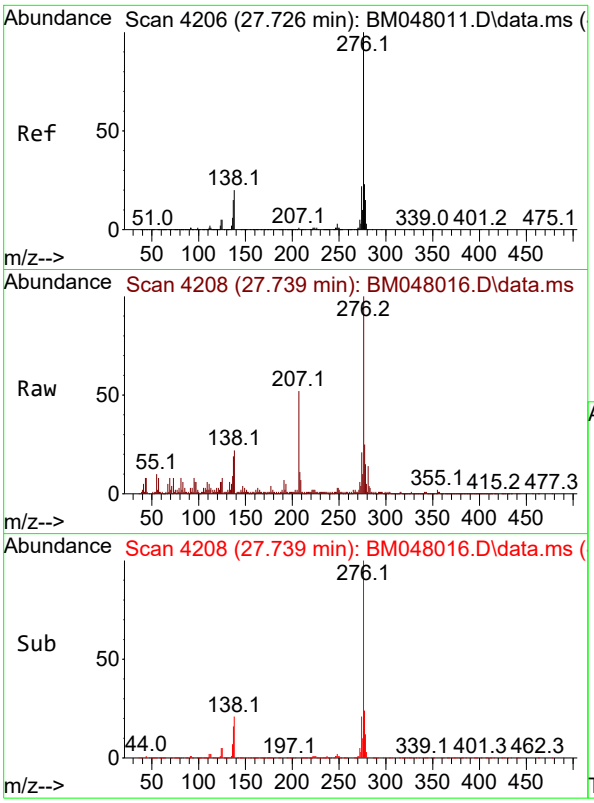


#93
Benzo(a)pyrene
Concen: 18.966 ng/ul
RT: 24.227 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:252 Resp: 670120

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	13.5	10.1	15.1



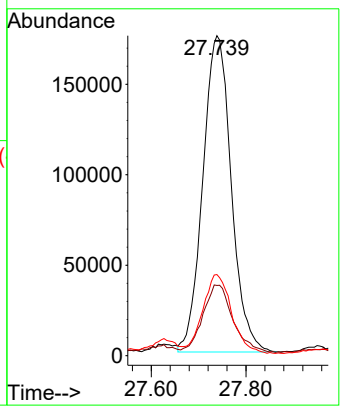


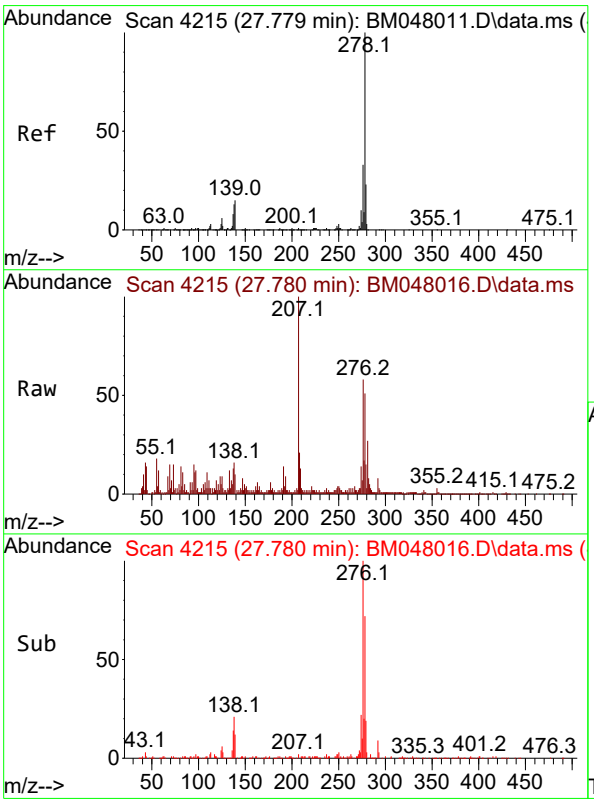
#94
Indeno(1,2,3-cd)pyrene
Concen: 16.129 ng/ul
RT: 27.739 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:276 Resp: 730340

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.9	25.3
277	25.4	18.9	28.3

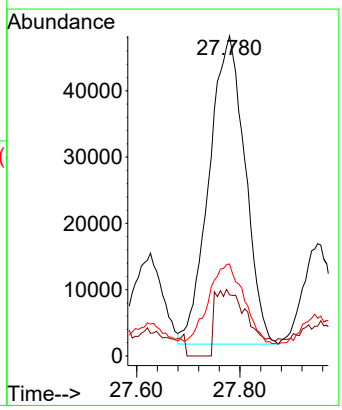


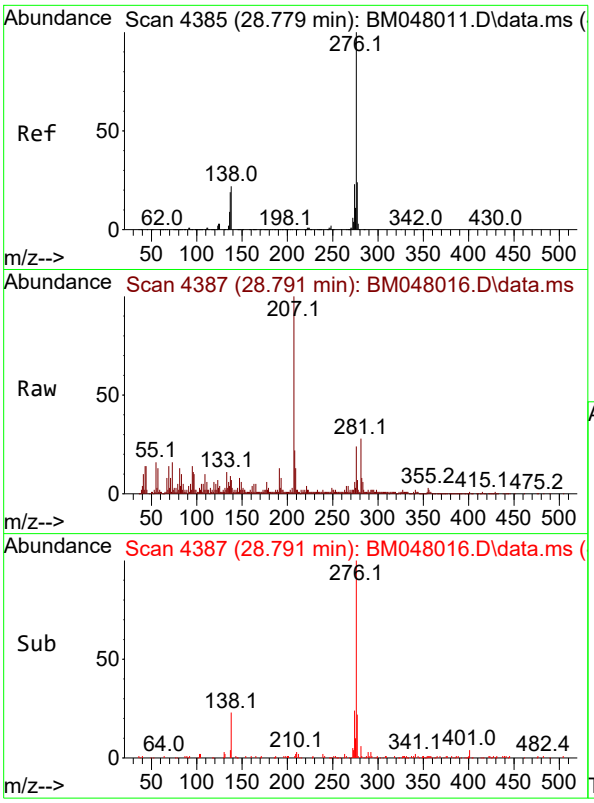


#95
Dibenzo(a,h)anthracene
Concen: 6.049 ng/ul
RT: 27.780 min Scan# 4215
Delta R.T. -0.017 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:278 Resp: 224475

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.4	20.2
279	28.8	18.4	27.6#





#96
Benzo(g,h,i)perylene
Concen: 2.573 ng/ul
RT: 28.791 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion:276 Resp: 91269

Ion	Ratio	Lower	Upper
276	100		
138	31.0	18.7	28.1#
277	28.0	18.3	27.5#