Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Time: Oct 15 10:56:52 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	275234	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1092623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	662525	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1381838	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1302352	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1554379	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	17326	2.034	ng/uL	0.00
4) Pyridine-d5	3.658	84	179258	7.188	ng/ul	0.00
7) Phenol-d5	6.963	99	308523	11.854	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	183754	9.950	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	280546	14.816	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	242616	12.538	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	125707	14.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	142361	17.076	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	265844	15.963	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	267839	10.403	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	775781	16.151	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	960114	16.858	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	81638	8.536	ng/ul	0.02
60) Fluorene-d10	15.416	176	764547	18.376	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	38836	4.803	ng/ul	0.00
73) Anthracene-d10	17.263	188	1294096	19.046	ng/ul	0.00
81) Pyrene-d10	19.551	212	1590175	21.514	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1662818	20.618	ng/ul	0.02
Target Compounds						Qvalue
50) Acenaphthylene	14.139	152	117447	1.829	ng/ul	98
61) Fluorene	15.469	166	85426	1.675	ng/ul	99
72) Phenanthrene	17.204	178	1453533	17.937	ng/ul	99
74) Anthracene	17.298	178	427225	5.169	ng/ul	99
80) Fluoranthene	19.221	202	2532503	29.091	ng/ul	97
82) Pyrene	19.580	202	2252399	23.247	ng/ul	97
85) Benzo(a)anthracene	21.374	228	1204500	13.209	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	123619	2.404	ng/ul#	95
87) Chrysene	21.433	228	971177	10.925	ng/ul	98
90) Benzo(b)fluoranthene	23.444	252	1328550	13.706	ng/ul	98
91) Benzo(k)fluoranthene	23.497	252	434371	4.382	ng/ul	97
93) Benzo(a)pyrene	24.250	252	997835	10.839	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.768	276	631194	5.350	ng/ul	98
95) Dibenzo(a,h)anthracene	27.803	278	173226	1.792	ng/ul#	89
96) Benzo(g,h,i)perylene	28.826	276	570049	6.167	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
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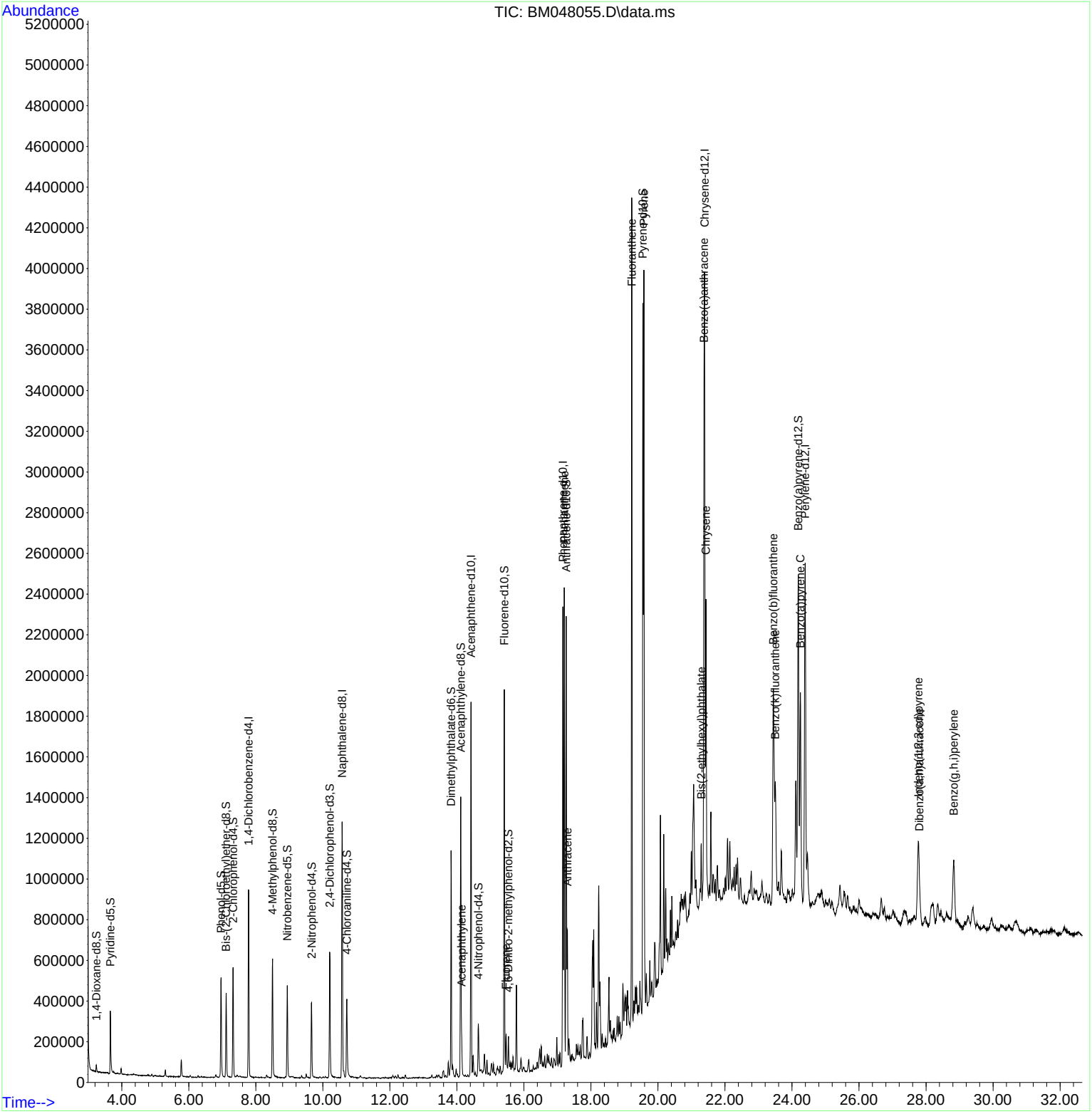
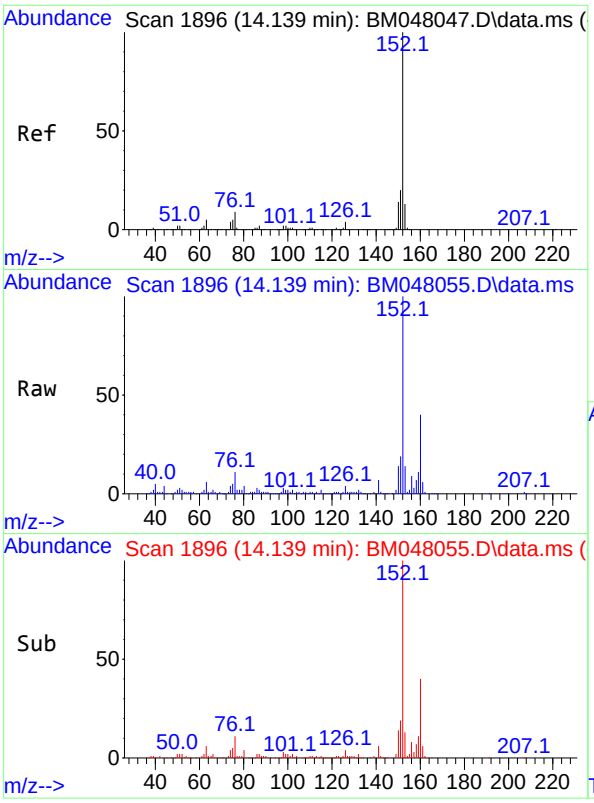
Quant Time: Oct 15 10:56:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration



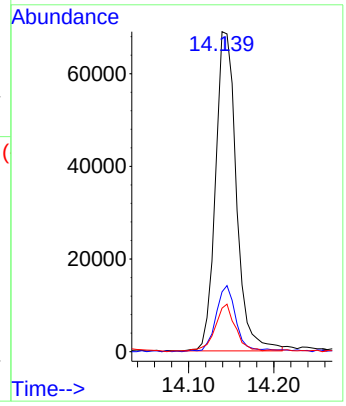


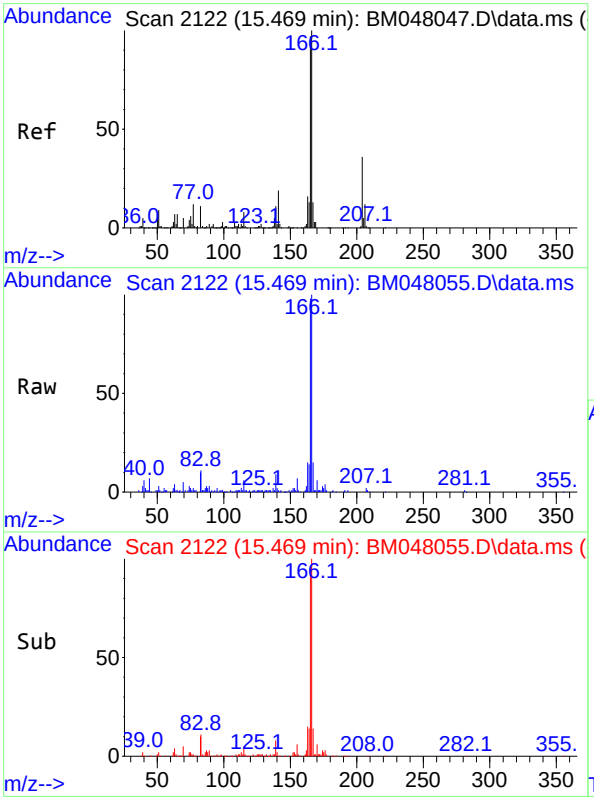
#50
Acenaphthylene
Concen: 1.829 ng/ul
RT: 14.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:152 Resp: 117447

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.2
153	13.6	10.7	16.1

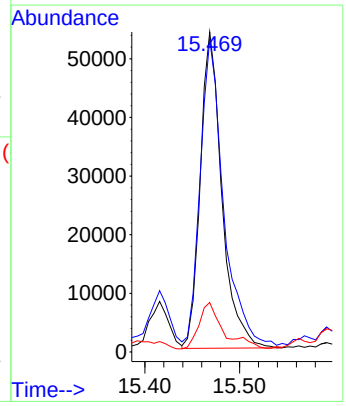


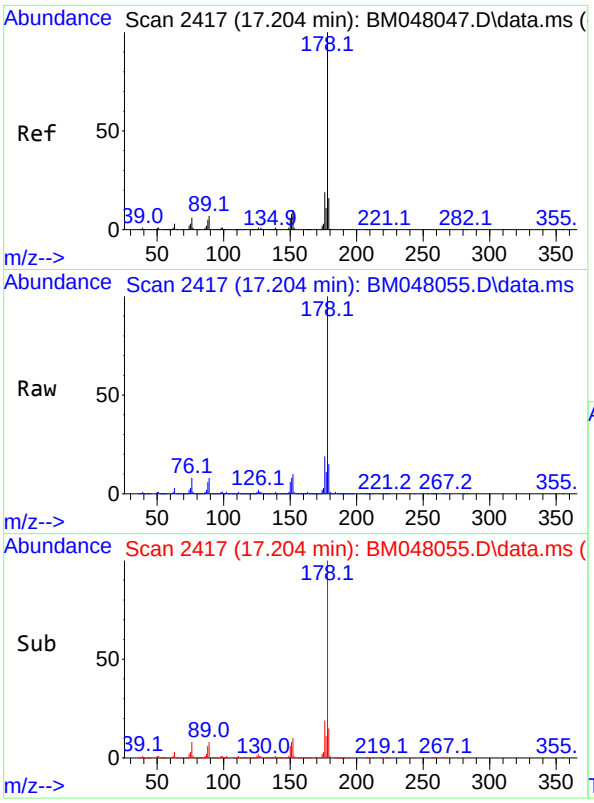


#61
Fluorene
Concen: 1.675 ng/ul
RT: 15.469 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:166 Resp: 85426

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	15.4	10.8	16.2



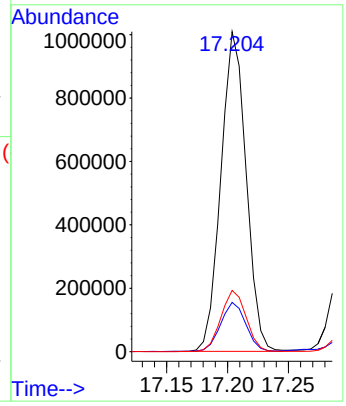


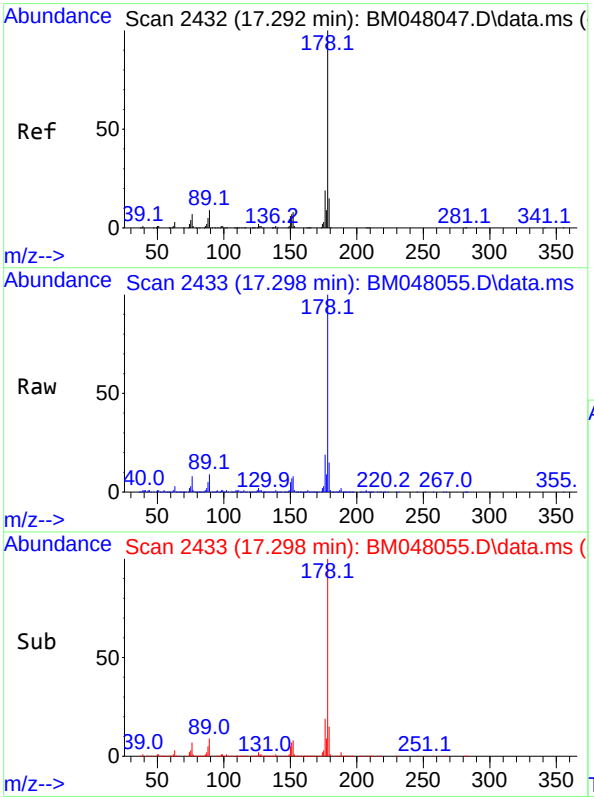
#72
Phenanthrene
Concen: 17.937 ng/ul
RT: 17.204 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:178 Resp: 1453533

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.1	15.4	23.0

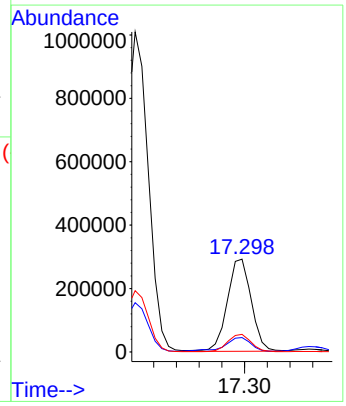


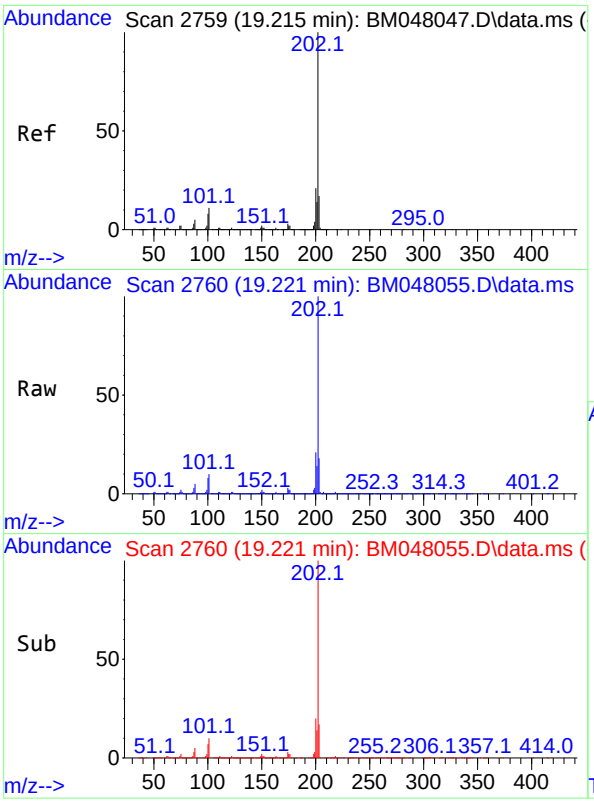


#74
Anthracene
Concen: 5.169 ng/ul
RT: 17.298 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:178 Resp: 427225

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.0	14.7	22.1



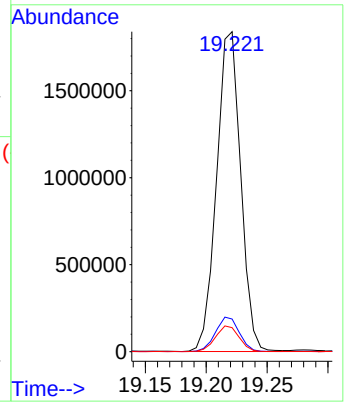


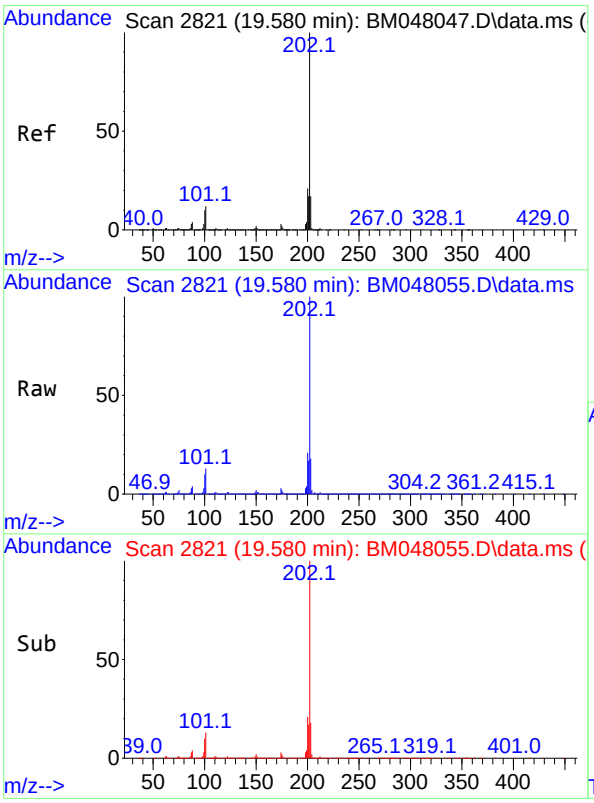
#80
Fluoranthene
Concen: 29.091 ng/ul
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:202 Resp: 2532503

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.0	13.4
100	7.5	6.8	10.2

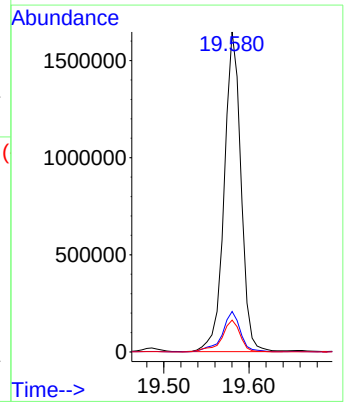


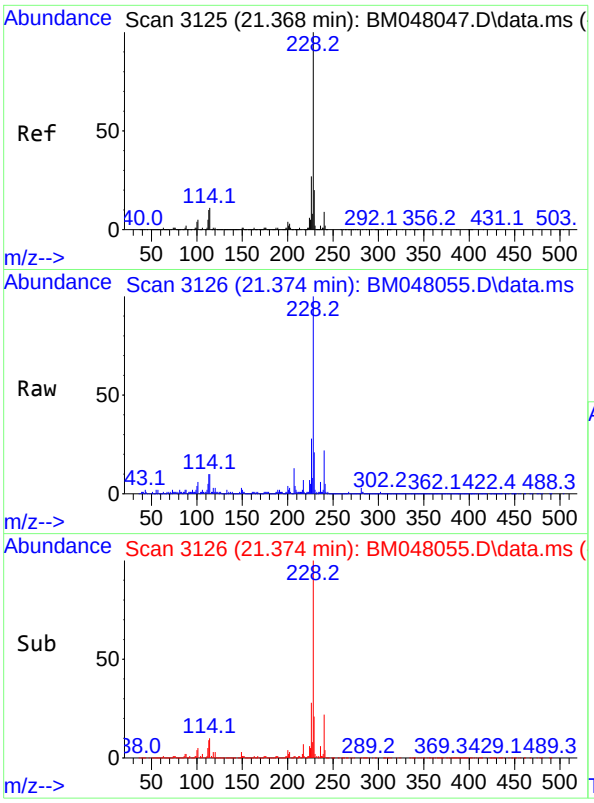


#82
Pyrene
Concen: 23.247 ng/ul
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:202 Resp: 2252399

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.9	16.3
100	10.0	9.4	14.2



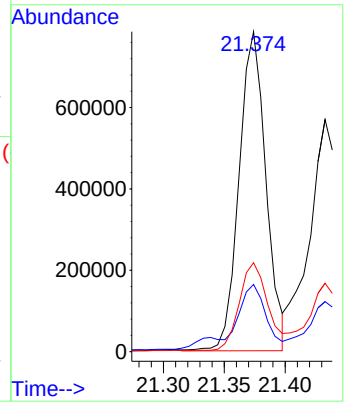


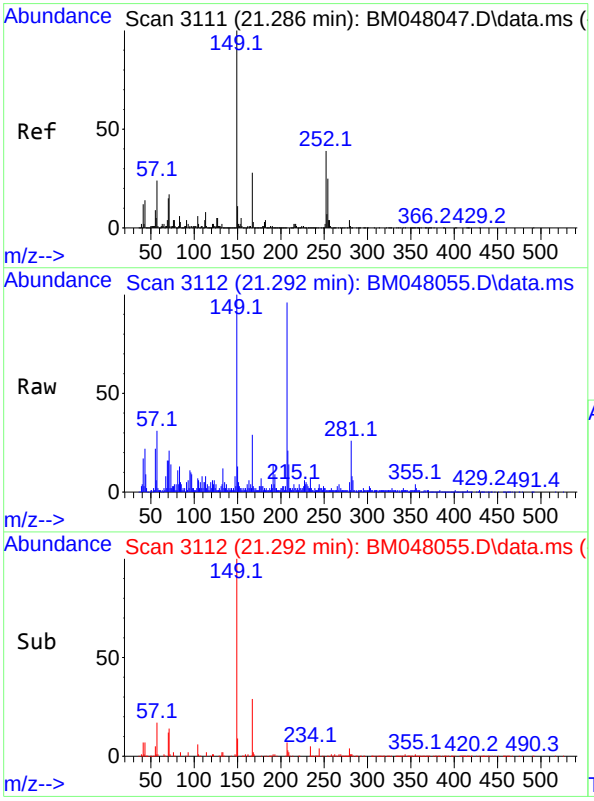
#85
Benzo(a)anthracene
Concen: 13.209 ng/ul
RT: 21.374 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:228 Resp: 1204500

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	27.8	21.9	32.9

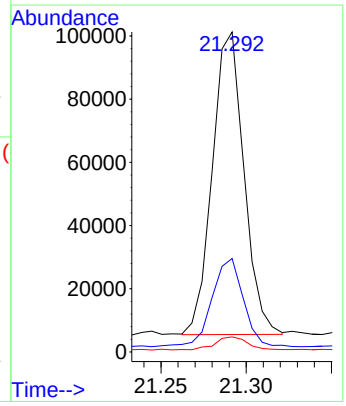


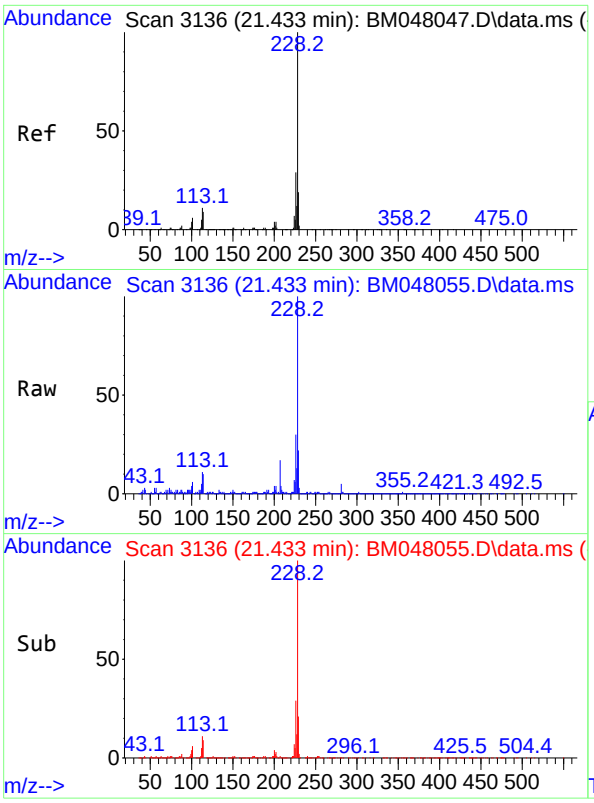


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.404 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:149 Resp: 123619

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.3	31.9
279	4.7	2.7	4.1#



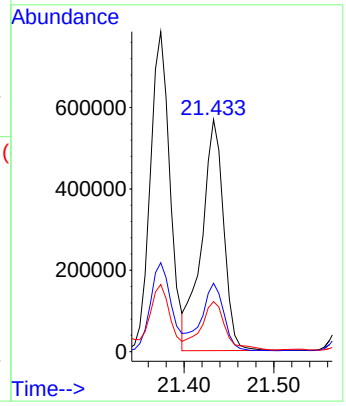


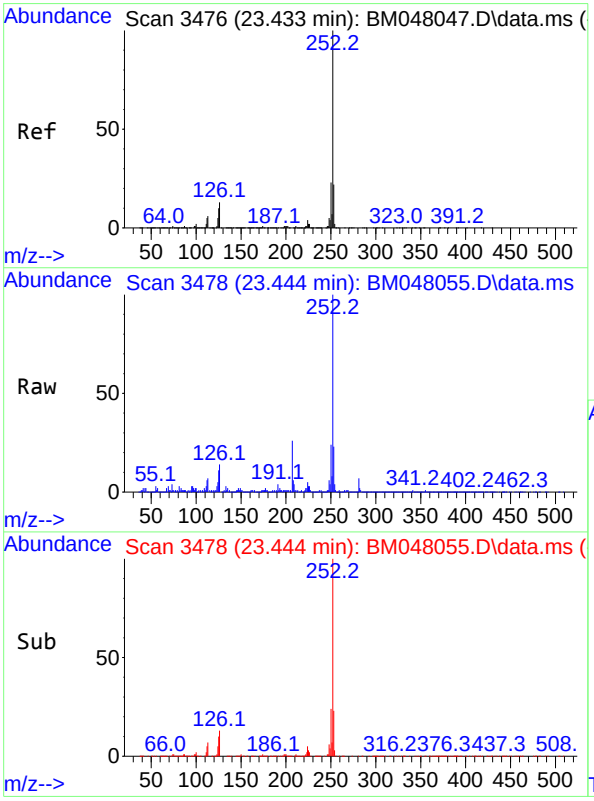
#87
Chrysene
Concen: 10.925 ng/ul
RT: 21.433 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:228 Resp: 971177

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	21.6	15.3	22.9

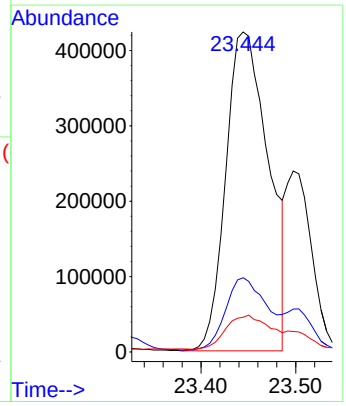


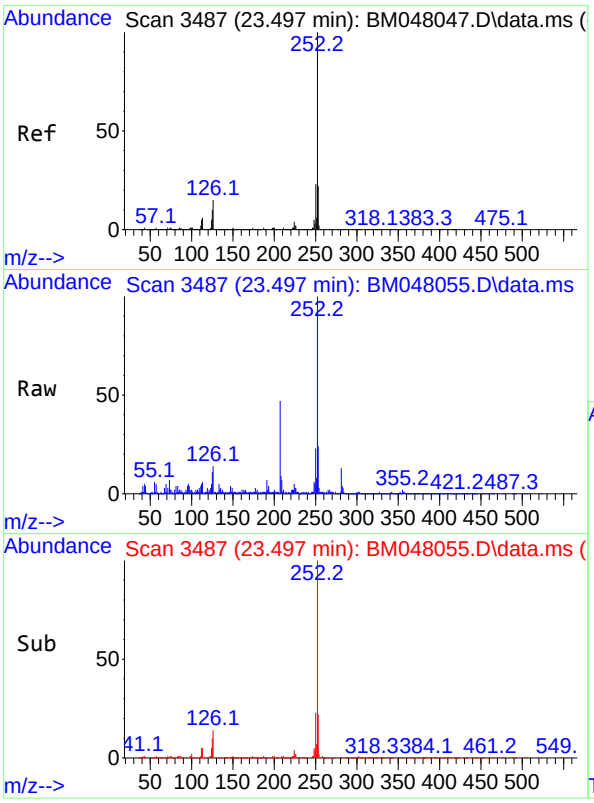


#90
Benzo(b)fluoranthene
Concen: 13.706 ng/ul
RT: 23.444 min Scan# 3478
Delta R.T. 0.018 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:252 Resp: 1328550

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	10.9	9.0	13.4



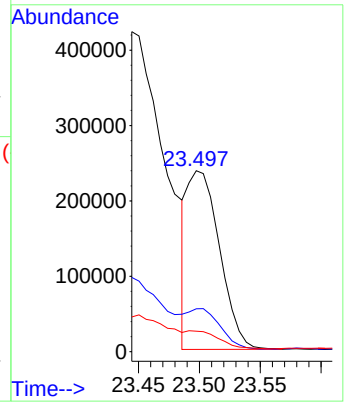


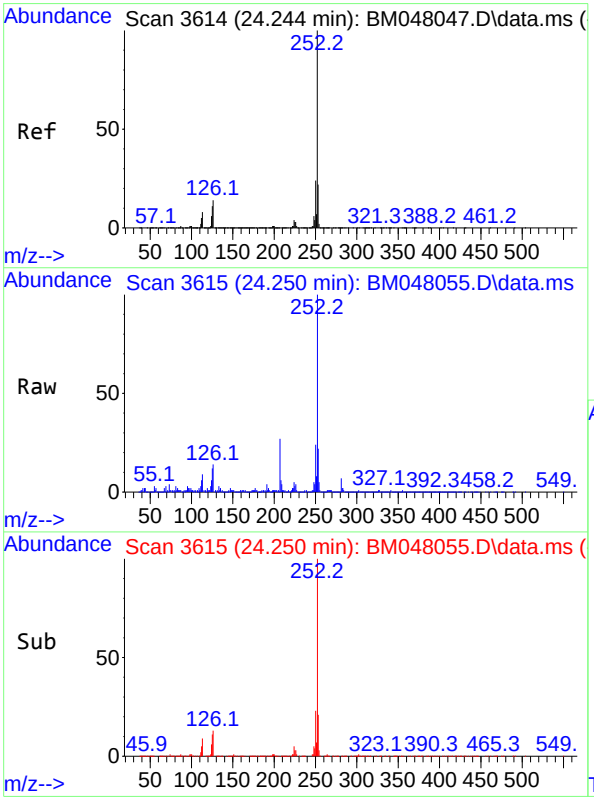
#91
Benzo(k)fluoranthene
Concen: 4.382 ng/ul
RT: 23.497 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:252 Resp: 434371

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	11.3	8.9	13.3

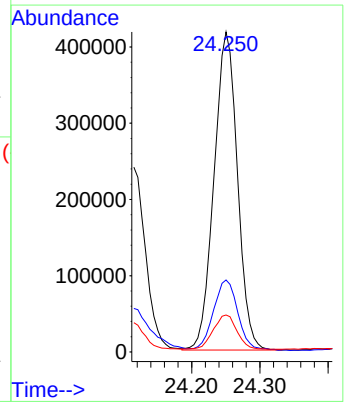


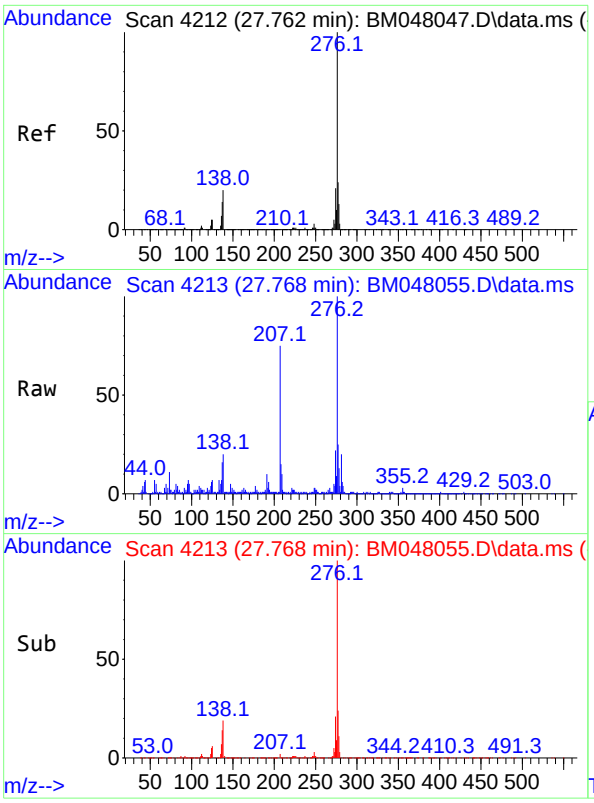


#93
Benzo(a)pyrene
Concen: 10.839 ng/ul
RT: 24.250 min Scan# 3615
Delta R.T. 0.018 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:252 Resp: 997835

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.6	10.1	15.1



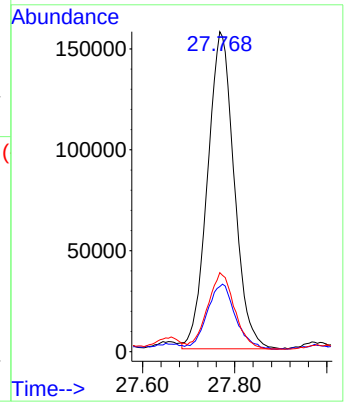


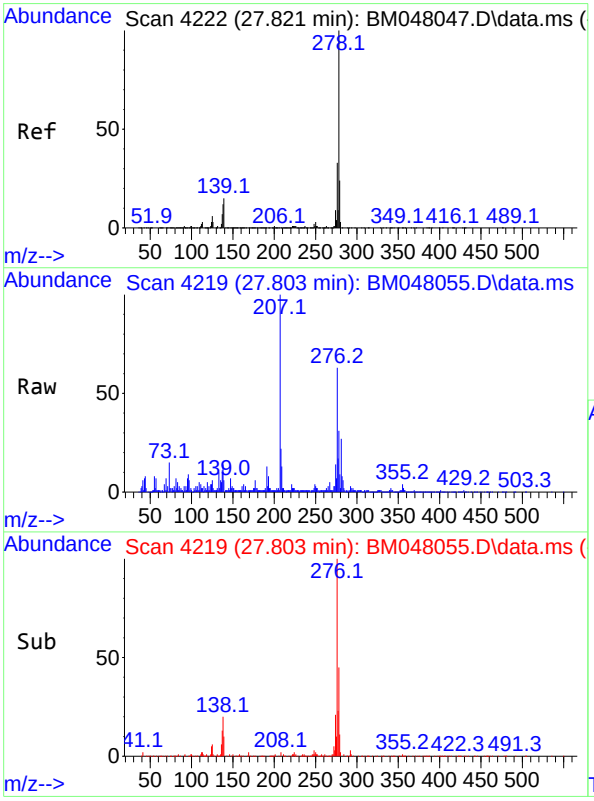
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.350 ng/ul
RT: 27.768 min Scan# 4
Delta R.T. 0.024 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:276 Resp: 631194

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.9	25.3
277	24.7	18.9	28.3

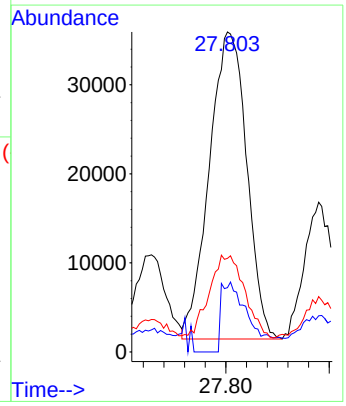


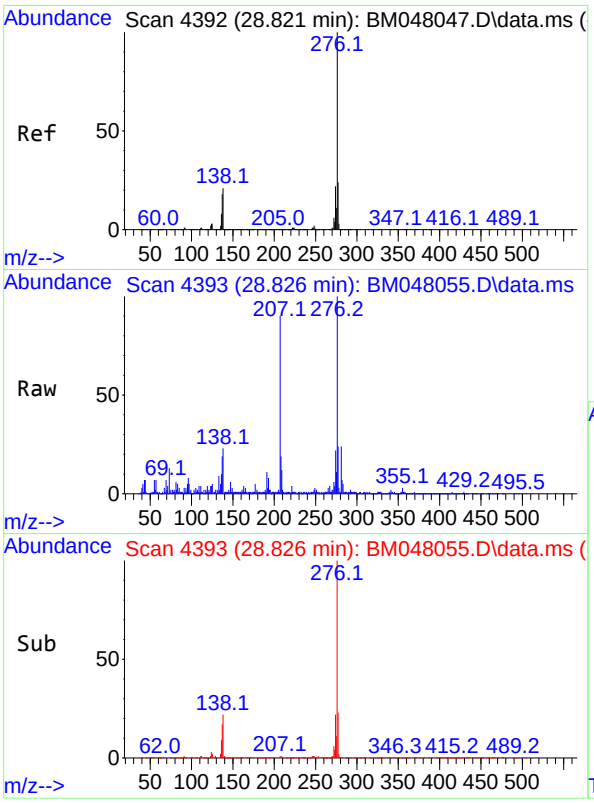


#95
Dibenzo(a,h)anthracene
Concen: 1.792 ng/ul
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Tgt Ion:278 Resp: 173226

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.4	20.2
279	29.2	18.4	27.6#





#96
Benzo(g,h,i)perylene
Concen: 6.167 ng/ul
RT: 28.826 min Scan# 4
Delta R.T. 0.035 min
Lab File: BM048055.D
Acq: 15 Oct 2024 09:23

Instrument :
BNA_M
ClientSampleId :
A4F00

Tgt Ion:276 Resp: 570049

Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.7	28.1
277	24.1	18.3	27.5