Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049886.D
Acq On : 10 Apr 2025 16:07
Operator : RC/JU
Sample : Q1754-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Quant Time: Apr 10 16:50:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

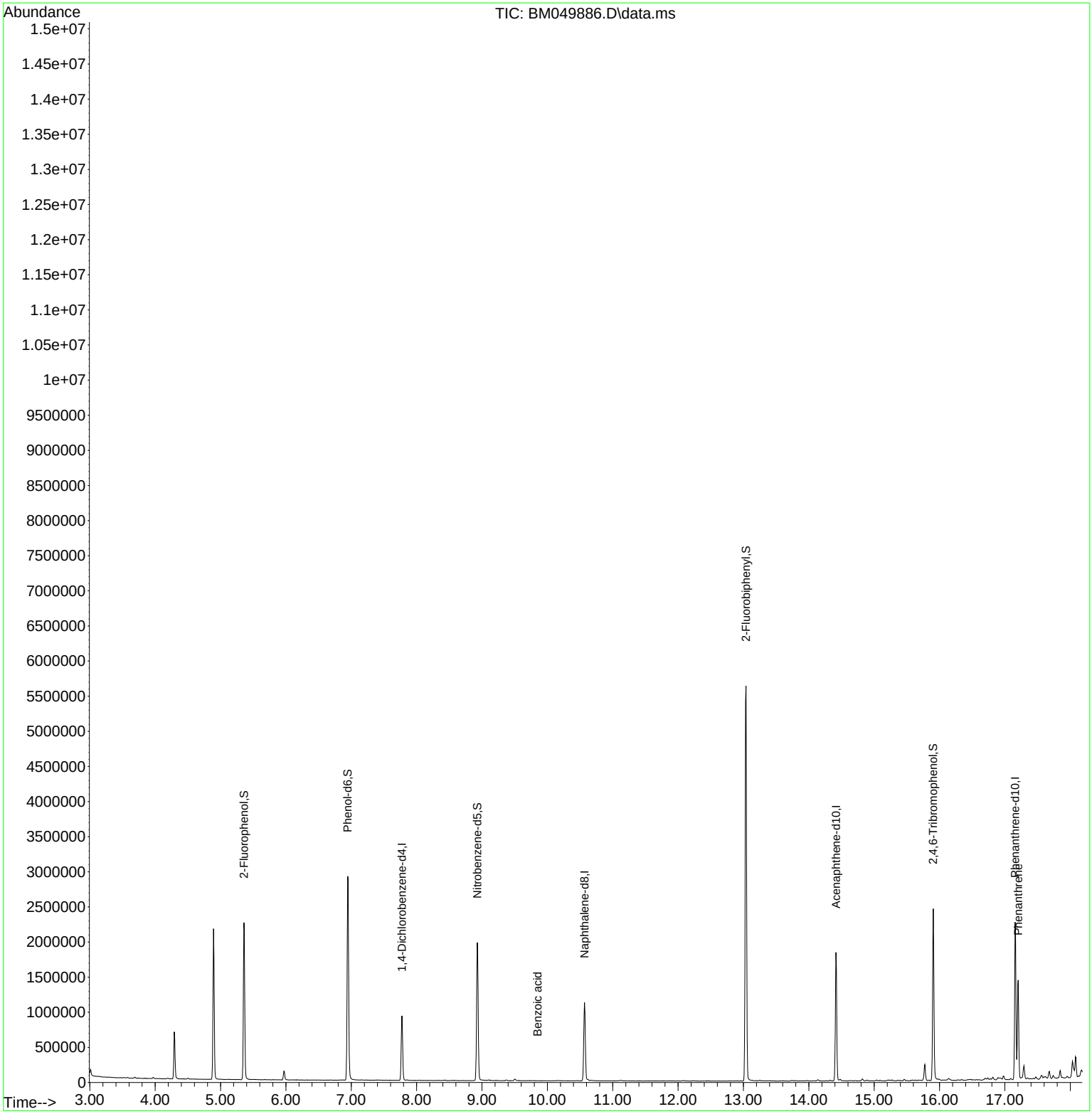
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	264899	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	946832	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	648627	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1337154	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1346188	20.000	ng	0.00
86) Perylene-d12	24.391	264	1433131	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	998429	64.002	ng	0.00
7) Phenol-d6	6.945	99	1739579	89.626	ng	0.00
23) Nitrobenzene-d5	8.928	82	1138664	66.967	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	456184	48.353	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3142783	65.703	ng	0.00
79) Terphenyl-d14	19.786	244	5559937	77.401	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.851	122	58	8.542	ng	# 53
71) Phenanthrene	17.204	178	888904	12.126	ng	100
75) Fluoranthene	19.215	202	1506578	16.715	ng	100
78) Pyrene	19.580	202	1720878	18.549	ng	100
81) Benzo(a)anthracene	21.380	228	664028	7.422	ng	99
83) Chrysene	21.439	228	655491	7.706	ng	98
87) Indeno(1,2,3-cd)pyrene	27.762	276	323676	3.030	ng	97
88) Benzo(b)fluoranthene	23.450	252	708613	7.742	ng	99
89) Benzo(k)fluoranthene	23.450	252	708613	7.989	ng	98
90) Benzo(a)pyrene	24.250	252	505557	6.286	ng	99
92) Benzo(g,h,i)perylene	28.809	276	386933	4.303	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049886.D
Acq On : 10 Apr 2025 16:07
Operator : RC/JU
Sample : Q1754-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Quant Time: Apr 10 16:50:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

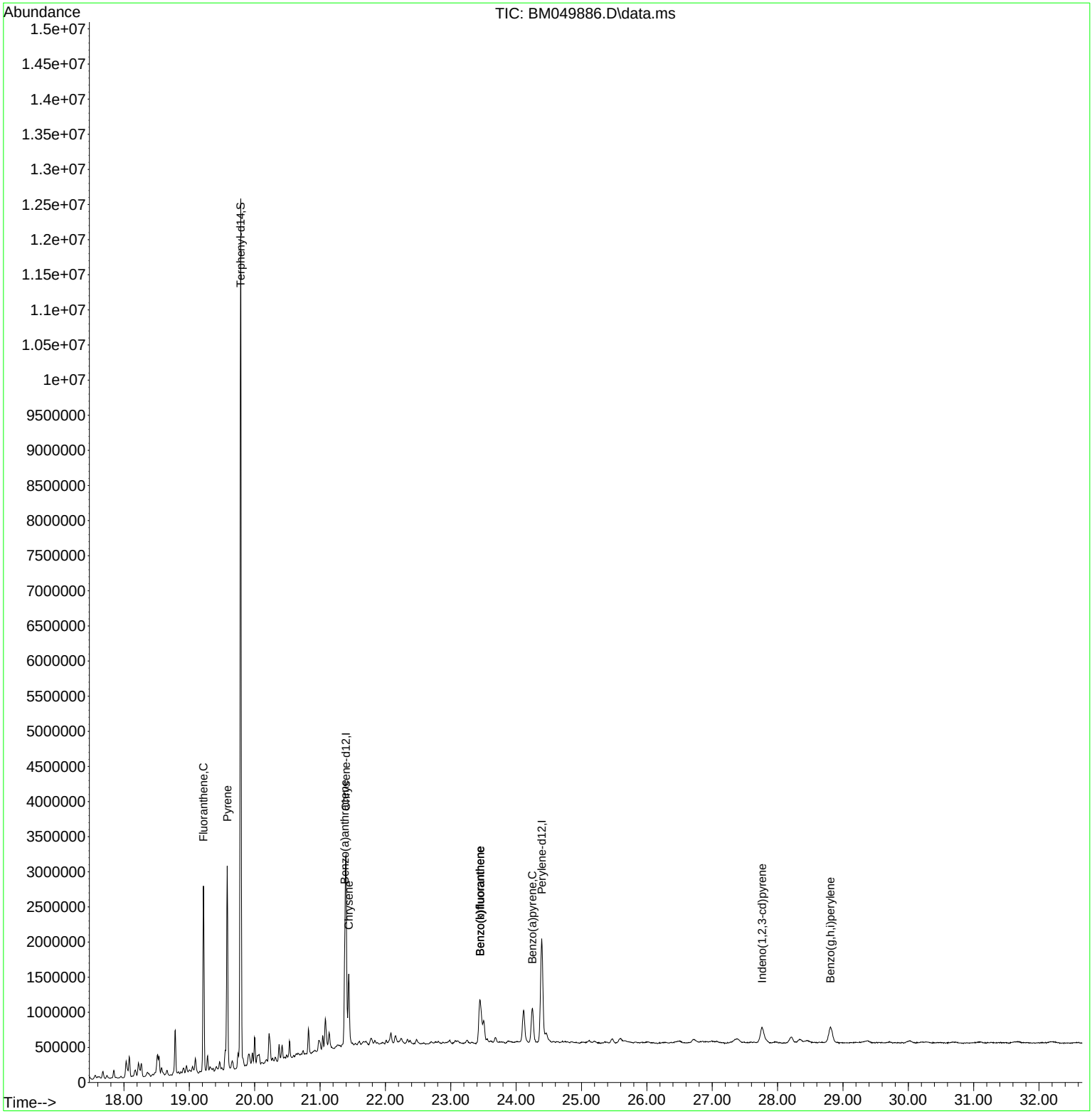


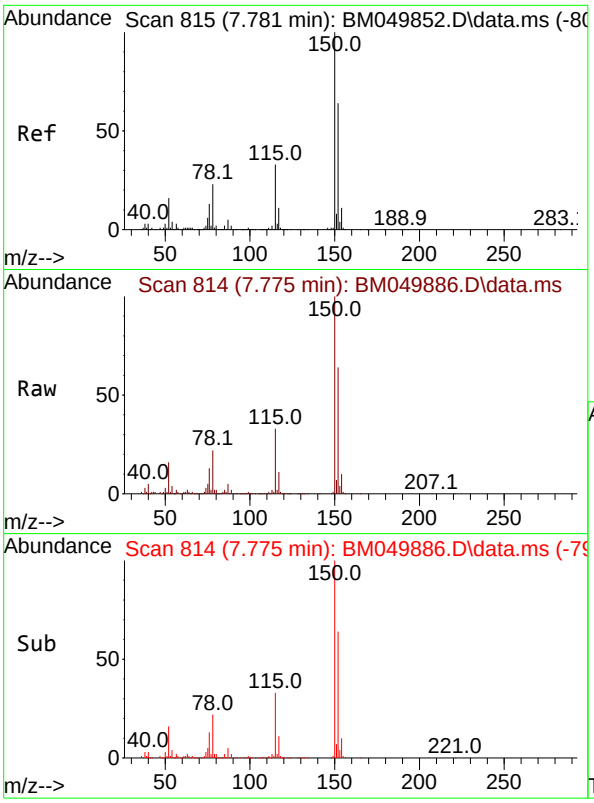
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049886.D
Acq On : 10 Apr 2025 16:07
Operator : RC/JU
Sample : Q1754-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Quant Time: Apr 10 16:50:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



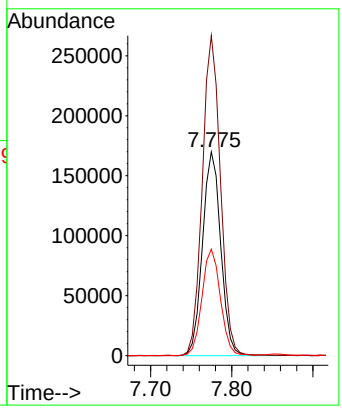


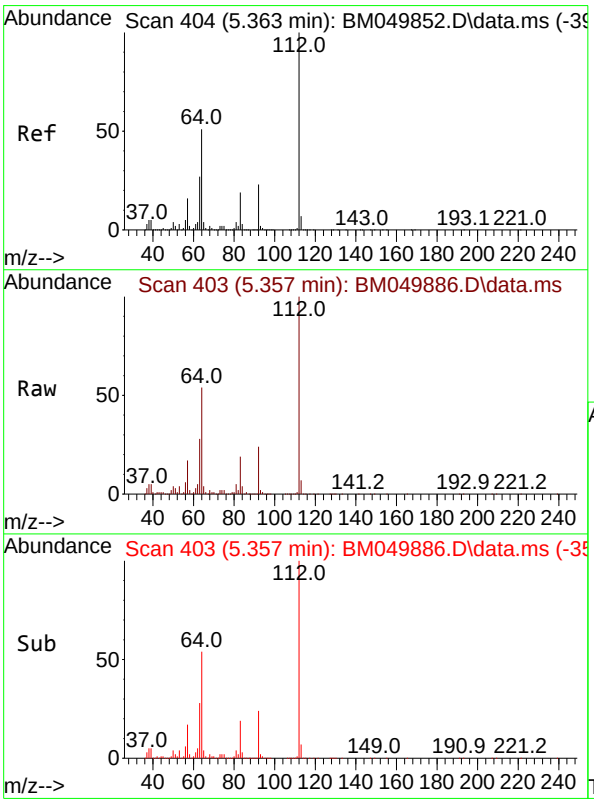
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:152 Resp: 264899

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	52.3	41.1	61.7

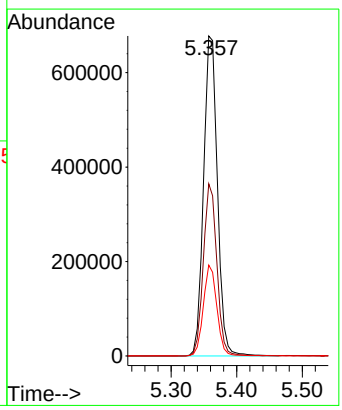


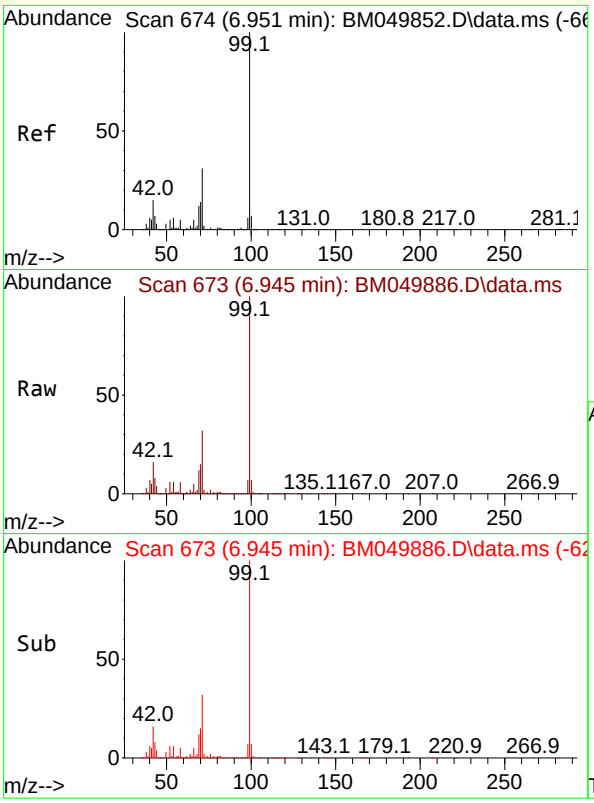


#5
2-Fluorophenol
Concen: 64.002 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:112 Resp: 998429

Ion	Ratio	Lower	Upper
112	100		
64	53.8	41.0	61.6
63	28.4	21.5	32.3



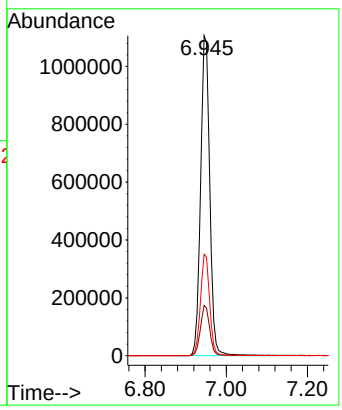


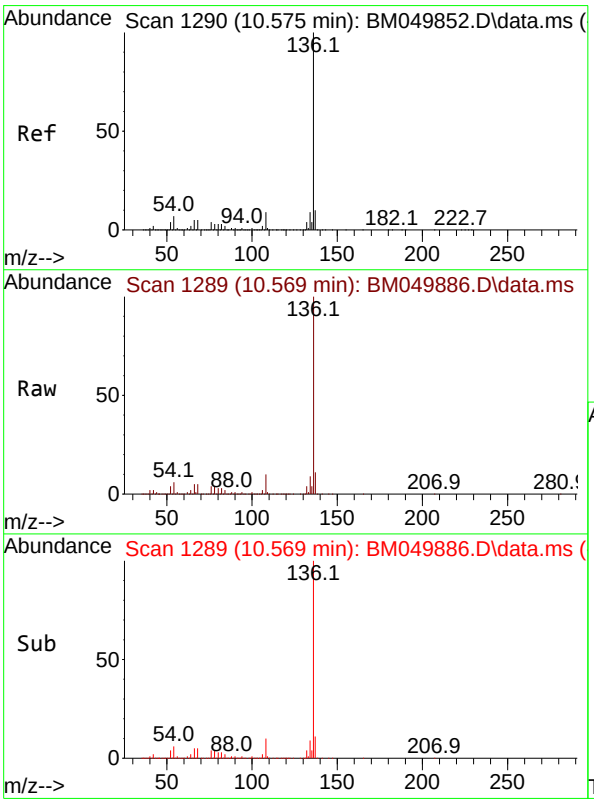
#7
Phenol-d6
Concen: 89.626 ng
RT: 6.945 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion: 99 Resp: 1739579

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.1	18.1
71	31.7	24.9	37.3

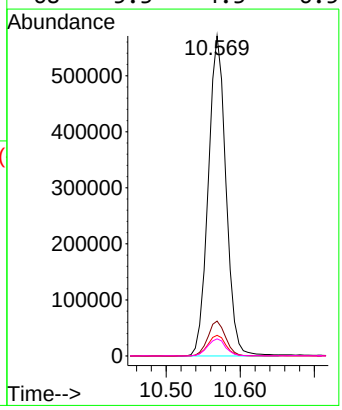


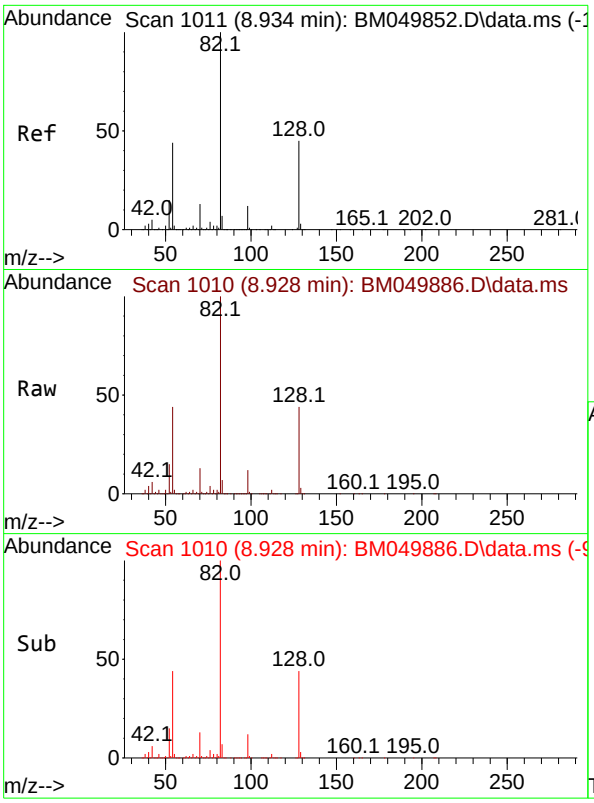


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:136 Resp: 946832

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.4	5.3	7.9
68	5.3	4.3	6.5



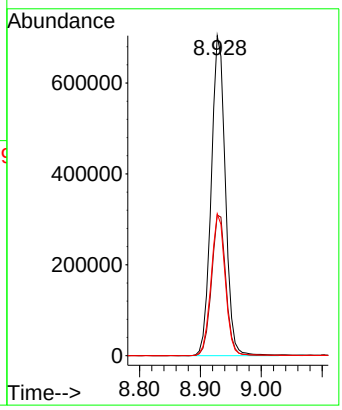


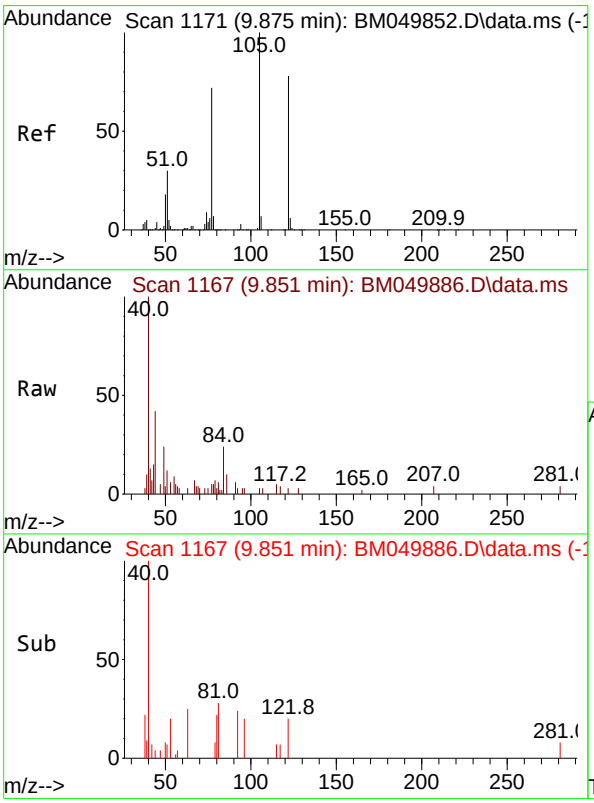
#23
Nitrobenzene-d5
Concen: 66.967 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion: 82 Resp: 1138664

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.2	54.2
54	44.4	35.0	52.6

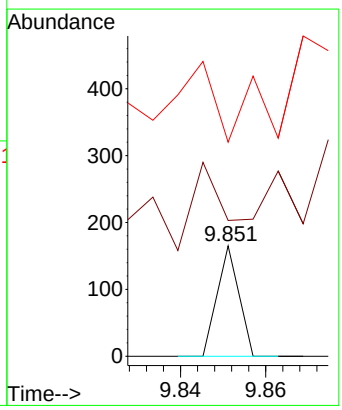


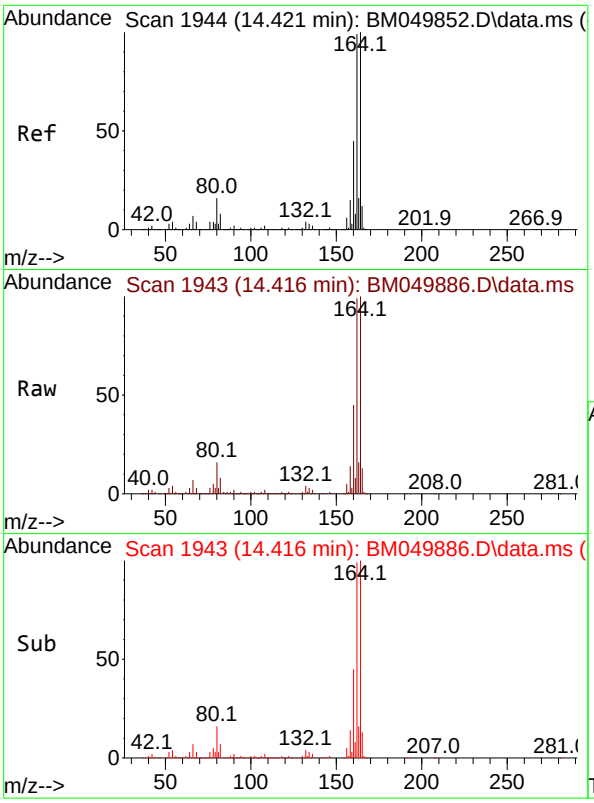


#32
Benzoic acid
Concen: 8.542 ng
RT: 9.851 min Scan# 1167
Delta R.T. -0.024 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	123.0	103.8	143.8
77	193.9	70.7	110.7#



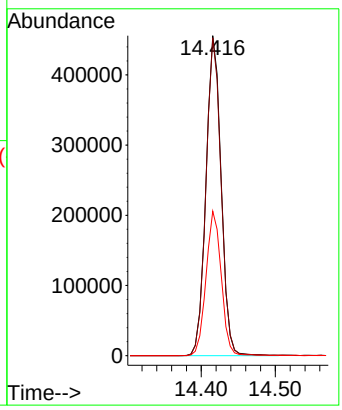


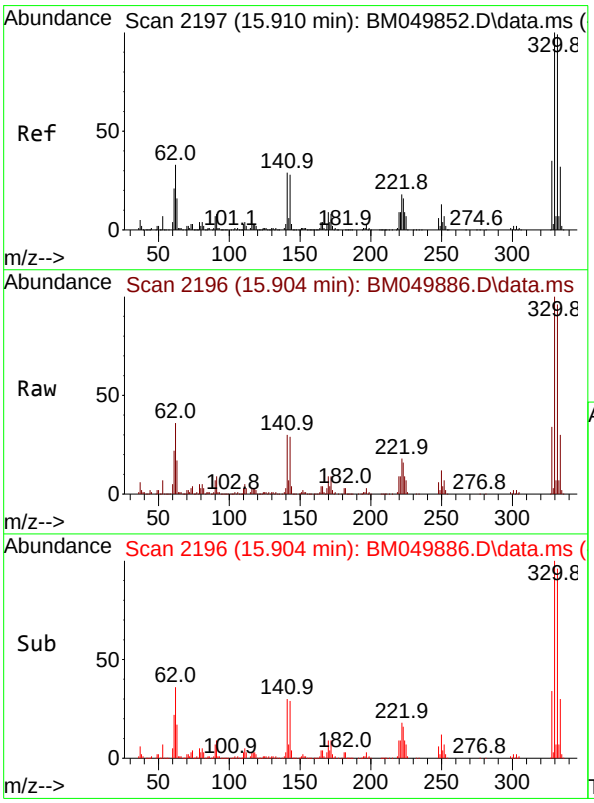
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:164 Resp: 648627

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	45.2	36.2	54.2

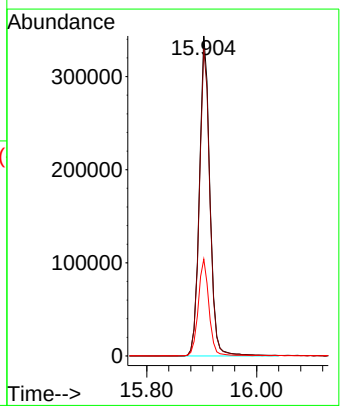


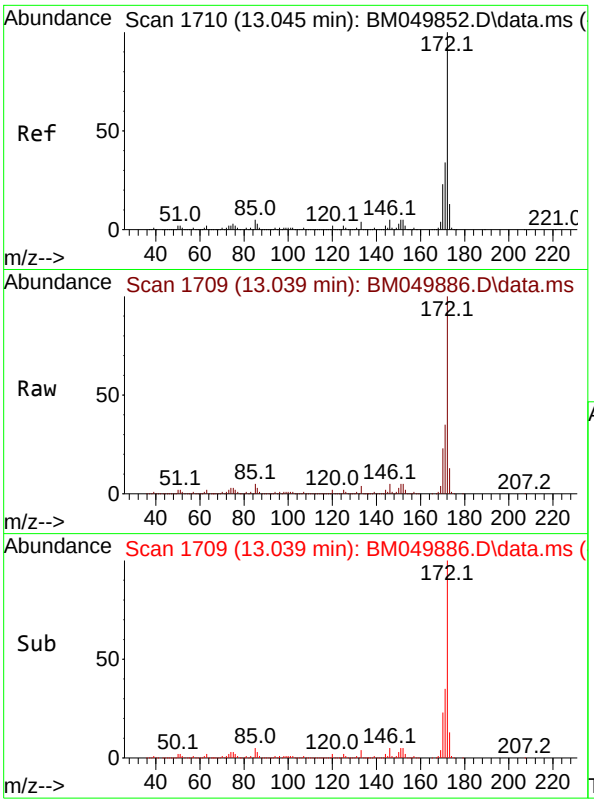


#42
2,4,6-Tribromophenol
Concen: 48.353 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:330 Resp: 456184

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	30.6	23.5	35.3



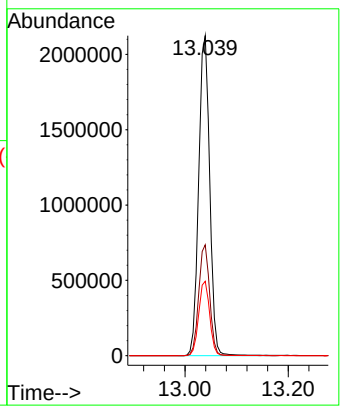


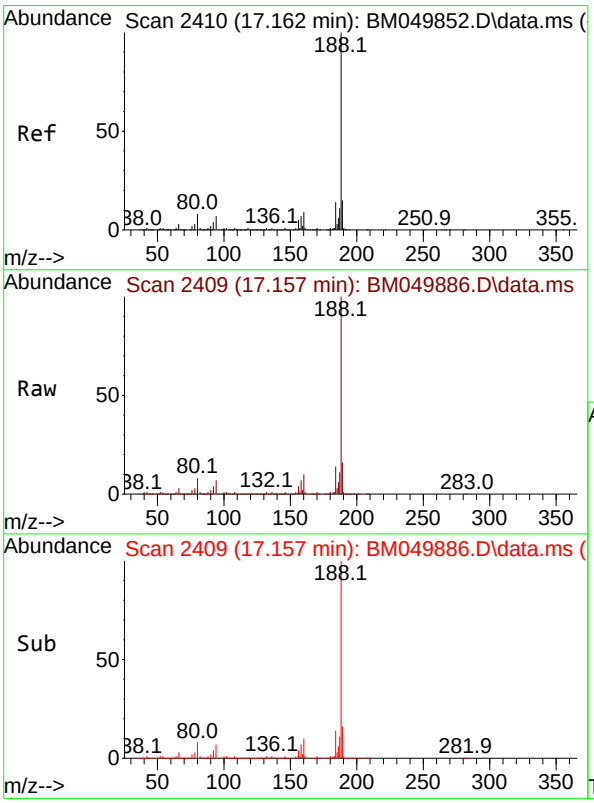
#45
2-Fluorobiphenyl
Concen: 65.703 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:172 Resp: 3142783

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	23.2	18.6	28.0

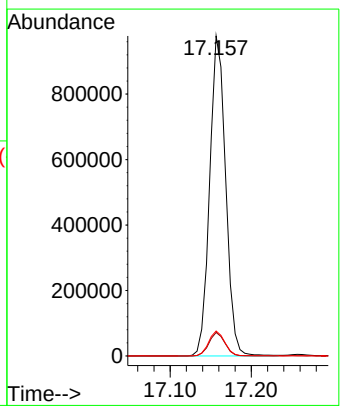


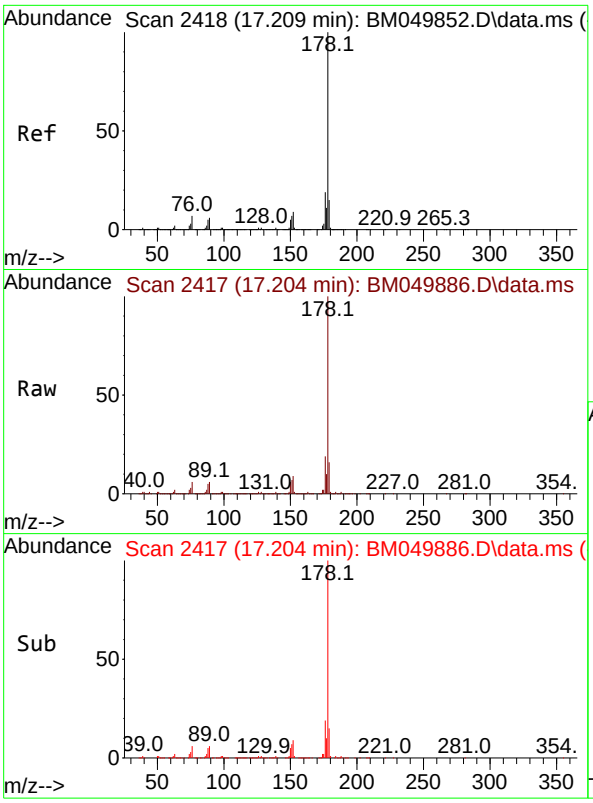


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:188 Resp: 1337154

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	7.8	6.4	9.6



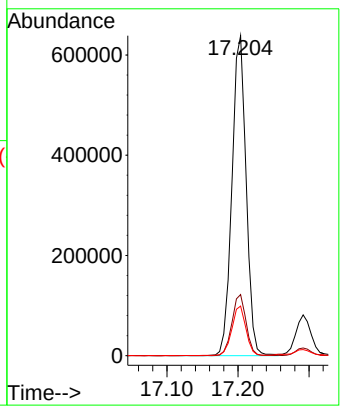


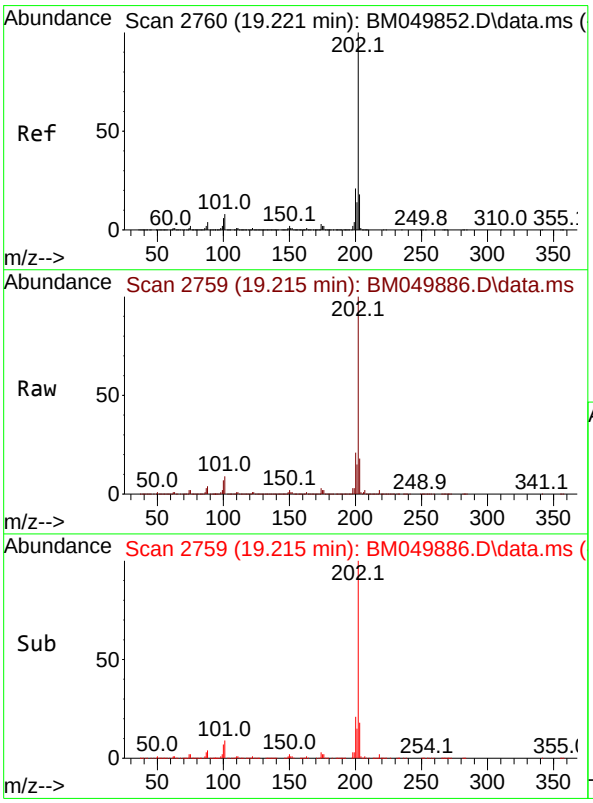
#71
Phenanthrene
Concen: 12.126 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:178 Resp: 888904

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

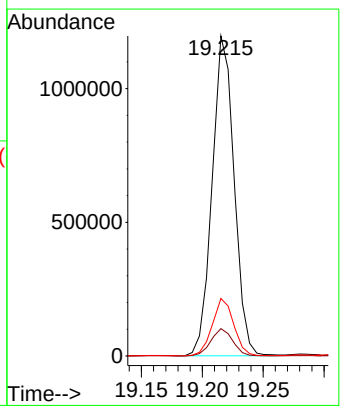


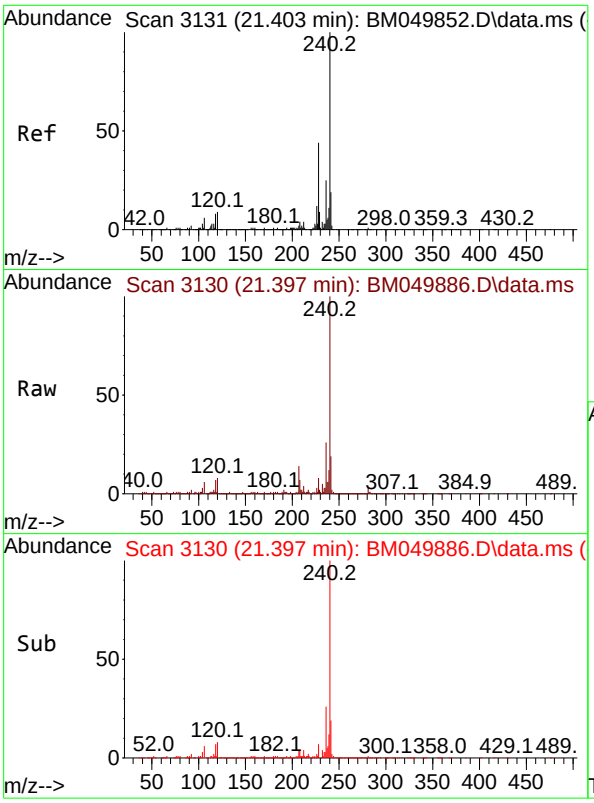


#75
Fluoranthene
Concen: 16.715 ng
RT: 19.215 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:202 Resp: 1506578

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.4
203	17.9	0.0	37.8



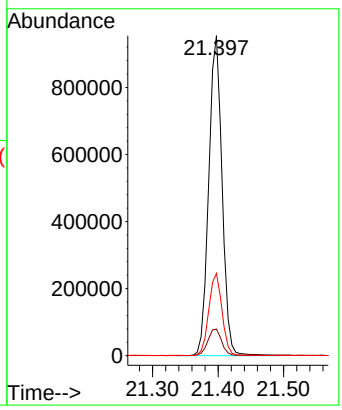


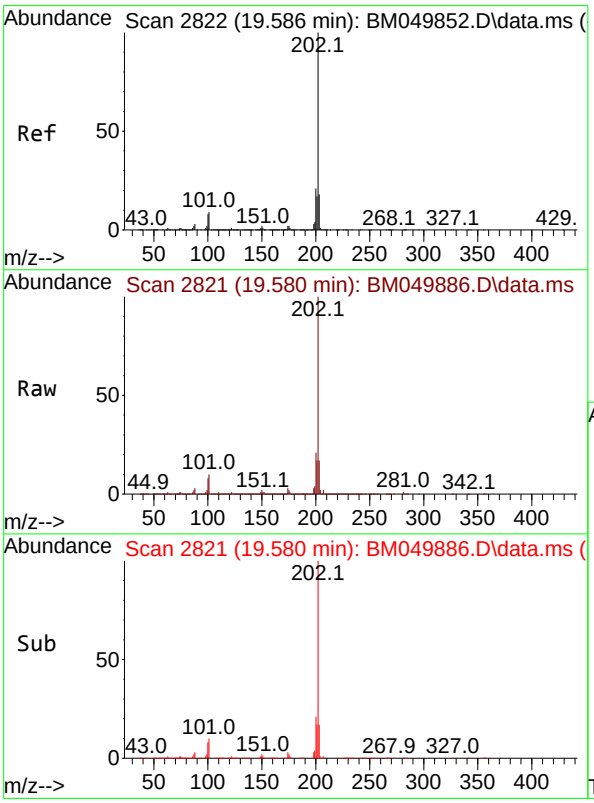
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:240 Resp: 1346188

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	25.7	20.4	30.6

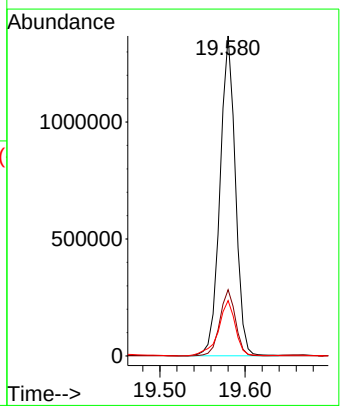


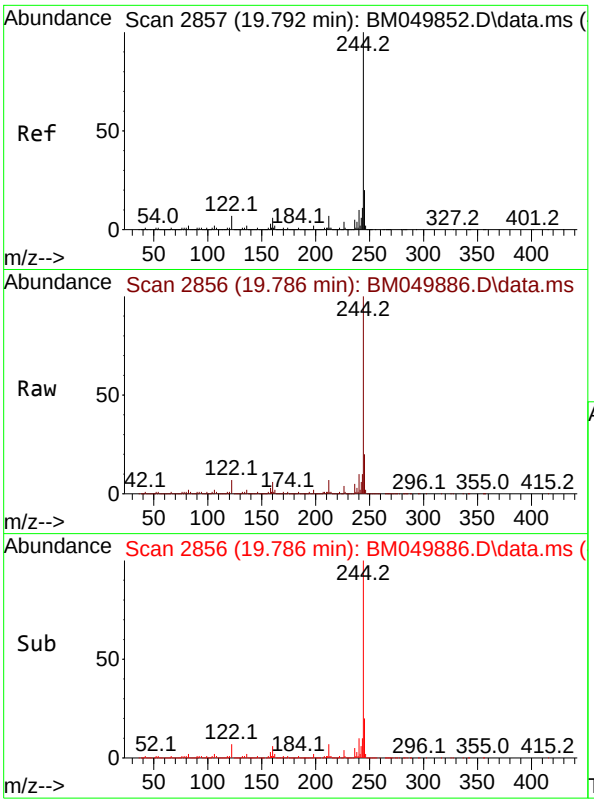


#78
Pyrene
Concen: 18.549 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:202 Resp: 1720878

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.3	14.0	21.0



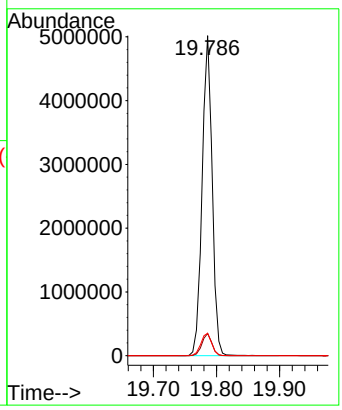


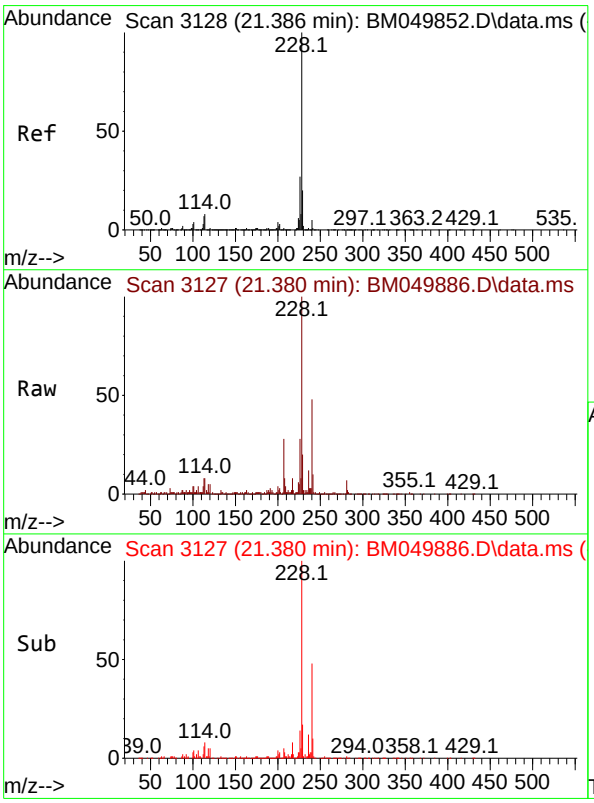
#79
Terphenyl-d14
Concen: 77.401 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:244 Resp: 5559937

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	7.0	5.4	8.0

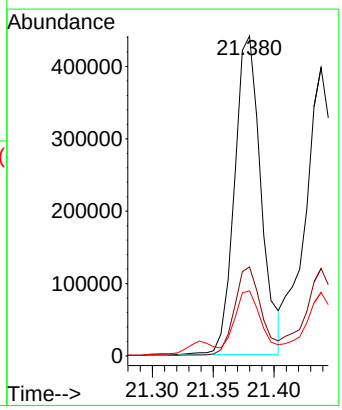


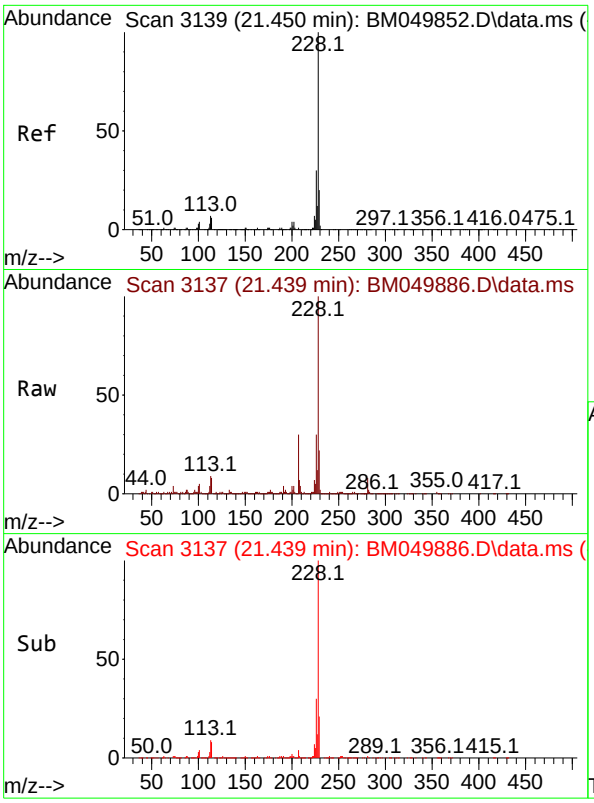


#81
Benzo(a)anthracene
Concen: 7.422 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:228 Resp: 664028

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.3	15.8	23.8



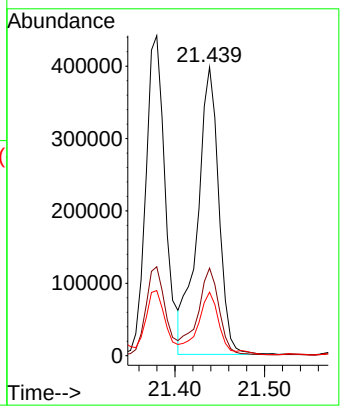


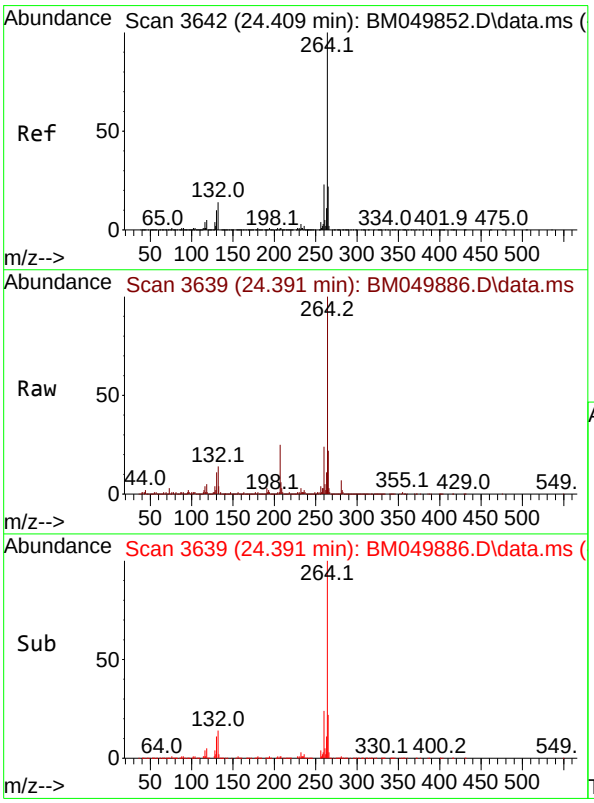
#83
Chrysene
Concen: 7.706 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:228 Resp: 655491

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	22.0	15.8	23.6

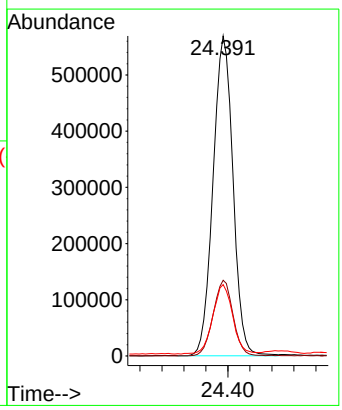


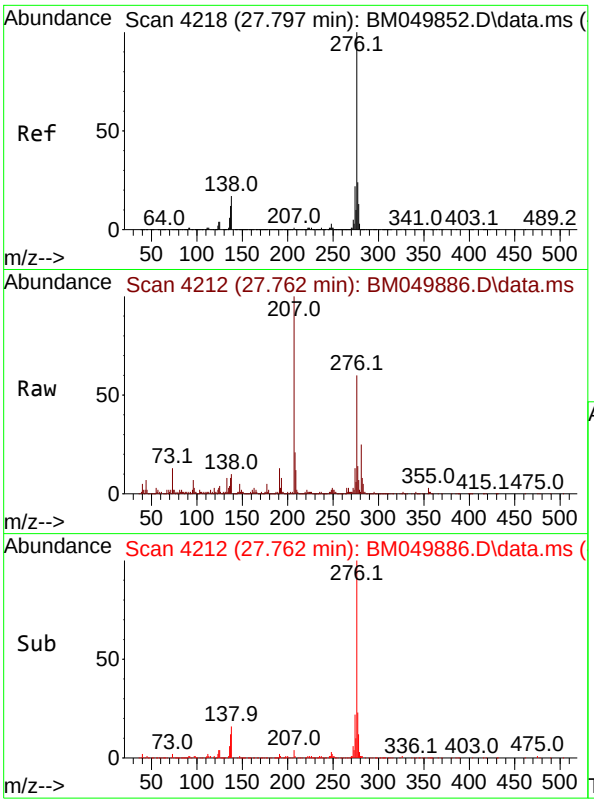


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:264 Resp: 1433131

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.3	17.8	26.8



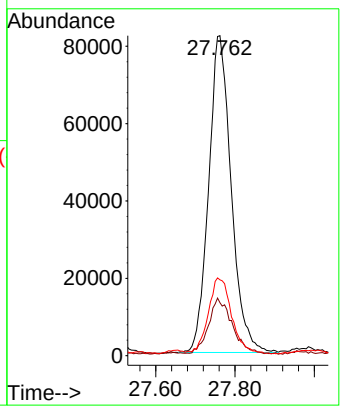


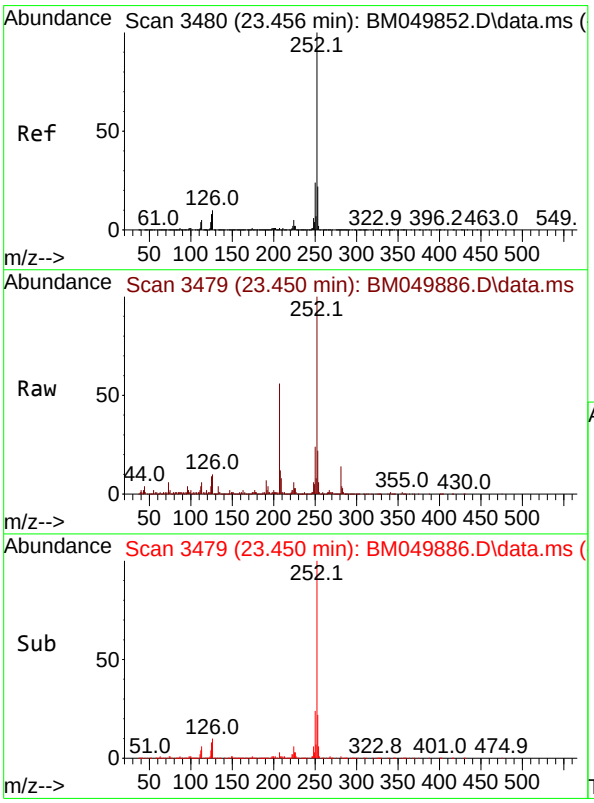
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.030 ng
RT: 27.762 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:276 Resp: 323676

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.8	25.2
277	24.9	20.1	30.1

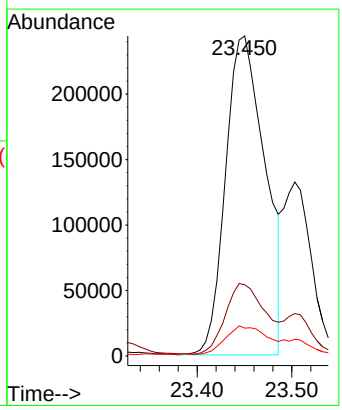


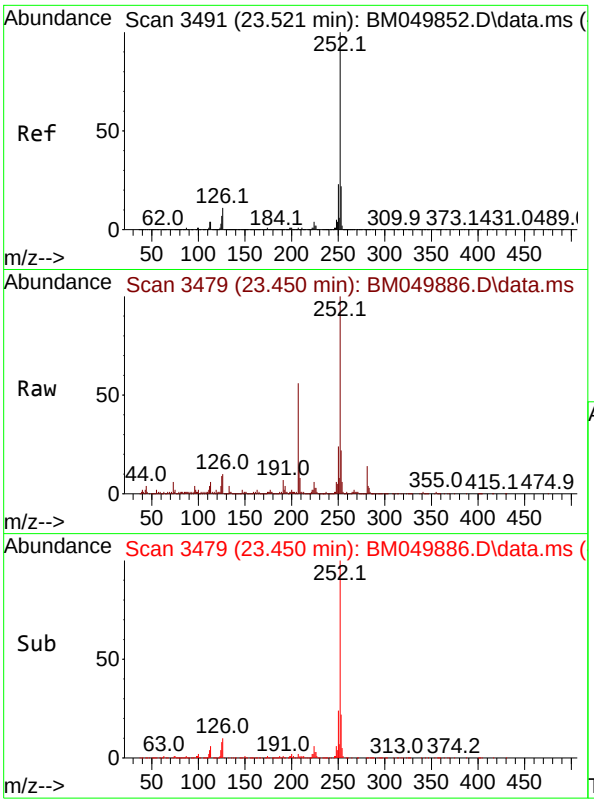


#88
Benzo(b)fluoranthene
Concen: 7.742 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.006 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:252 Resp: 708613

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.7	6.2	9.4



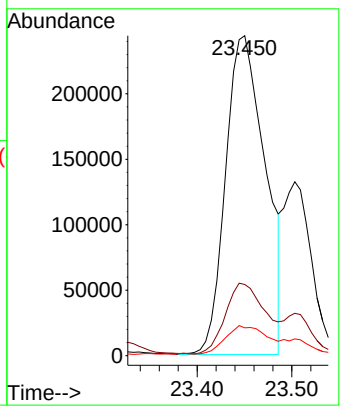


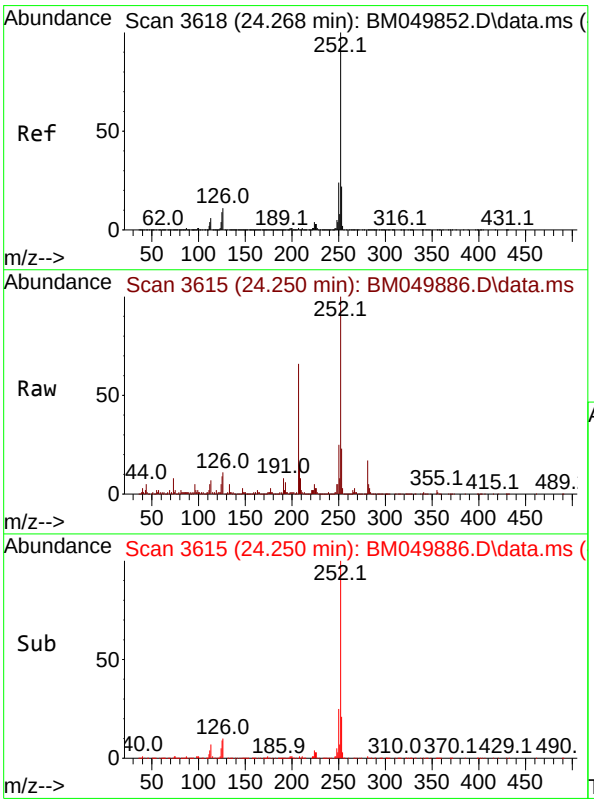
#89
Benzo(k)fluoranthene
Concen: 7.989 ng
RT: 23.450 min Scan# 34
Delta R.T. -0.071 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:252 Resp: 708613

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.7	5.8	8.8

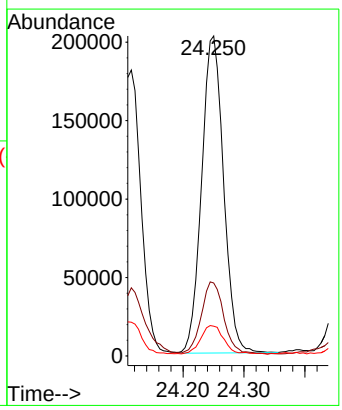


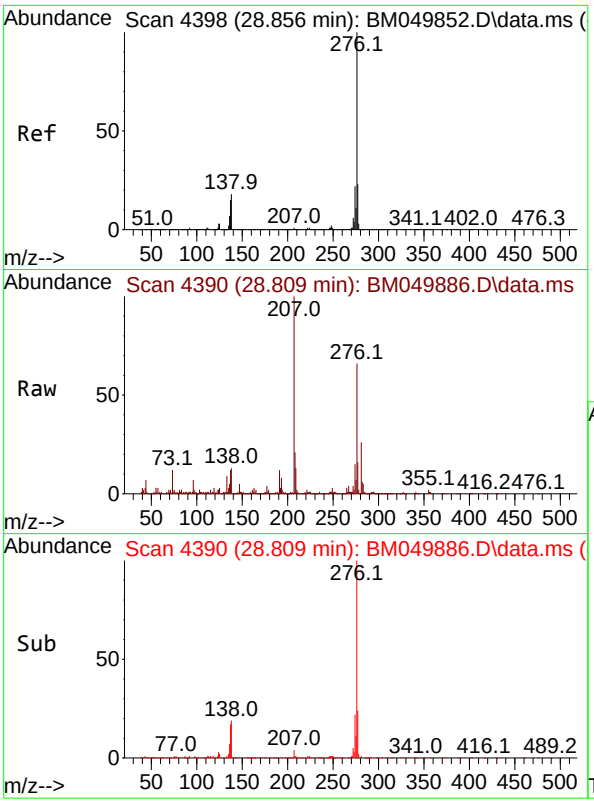


#90
Benzo(a)pyrene
Concen: 6.286 ng
RT: 24.250 min Scan# 3615
Delta R.T. -0.018 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Tgt Ion:252 Resp: 505557

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.3	7.0	10.4





#92
Benzo(g,h,i)perylene
Concen: 4.303 ng
RT: 28.809 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM049886.D
Acq: 10 Apr 2025 16:07

Instrument :
BNA_M
ClientSampleId :
TP-1-CONCRETE

Tgt Ion:276 Resp: 386933

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	18.9	14.6	21.8