Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031358.D
Acq On : 01 May 2024 21:52
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF1

Quant Time: May 02 00:27:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 02 00:07:34 2024
Response via : Initial Calibration

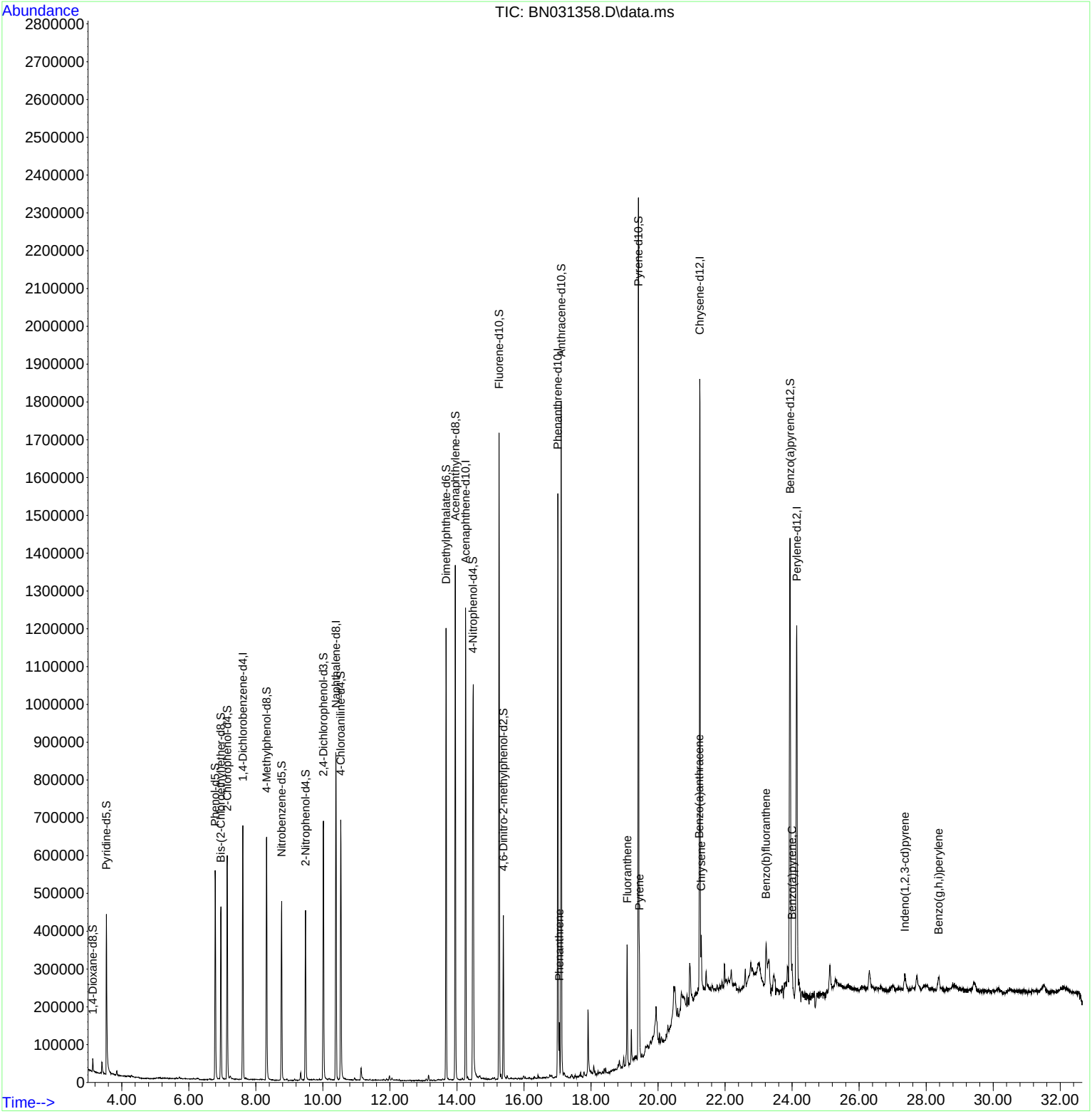
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	174375	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	707661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	433082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	879424	20.000	ng/ul	0.00
79) Chrysene-d12	21.245	240	813573	20.000	ng/ul	-0.01
88) Perylene-d12	24.139	264	832993	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	17006	4.540	ng/uL	0.00
4) Pyridine-d5	3.540	84	229795	21.425	ng/ul	0.00
7) Phenol-d5	6.787	99	308971	22.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	195609	23.809	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	271911	24.222	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	247051	21.246	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	115138	22.576	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	139458	25.407	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	251621	24.686	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	378215	25.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	745950	26.126	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	857870	25.895	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	115580	22.306	ng/ul	0.00
60) Fluorene-d10	15.257	176	634972	26.043	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	85279	18.857	ng/ul	0.00
73) Anthracene-d10	17.110	188	971021	26.754	ng/ul	0.00
81) Pyrene-d10	19.416	212	1121348	22.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1022318	26.509	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.057	178	82330	1.892	ng/ul	98
80) Fluoranthene	19.081	202	184750	3.110	ng/ul	99
82) Pyrene	19.445	202	162840	2.687	ng/ul	97
85) Benzo(a)anthracene	21.227	228	70291	1.324	ng/ul	96
87) Chrysene	21.286	228	87804	1.765	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252	114170	2.262	ng/ul	97
93) Benzo(a)pyrene	23.998	252	63963	1.417	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.362	276	55131	1.078	ng/ul	95
96) Benzo(g,h,i)perylene	28.368	276	55718	1.350	ng/ul	99

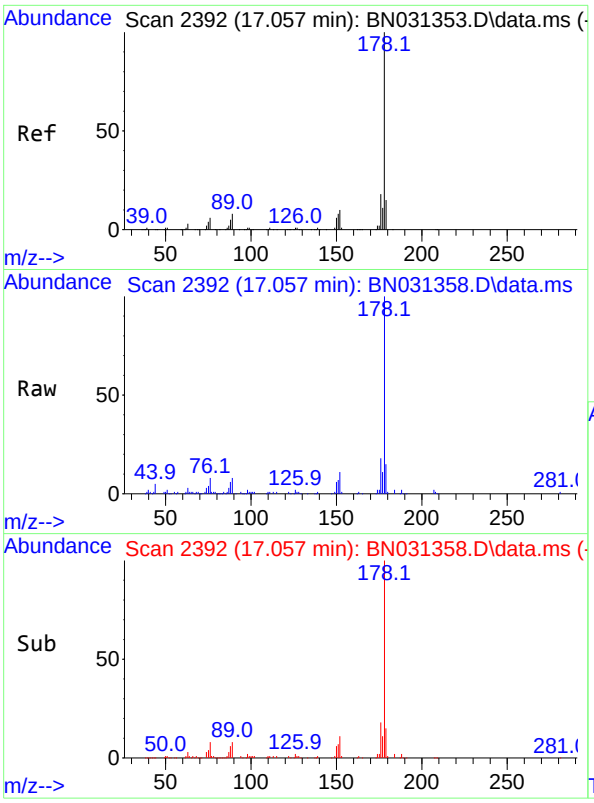
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031358.D
Acq On : 01 May 2024 21:52
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF1

Quant Time: May 02 00:27:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 02 00:07:34 2024
Response via : Initial Calibration



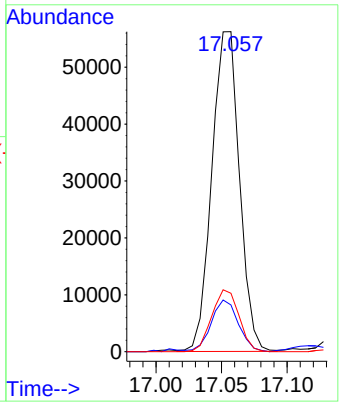


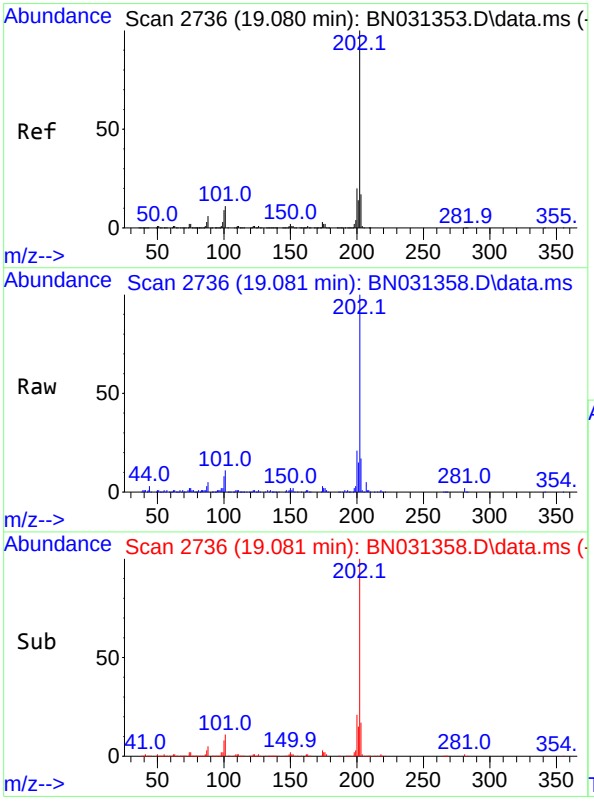
#72
Phenanthrene
Concen: 1.892 ng/ul
RT: 17.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Instrument :
BNA_N
ClientSampleId :
C0AF1

Tgt Ion:178 Resp: 82330

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	18.3	15.6	23.4

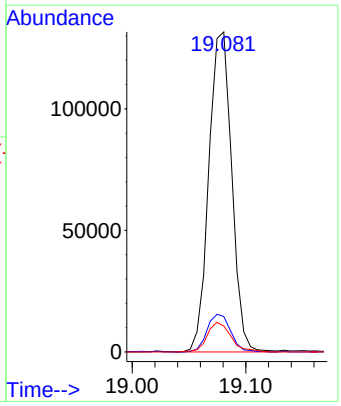


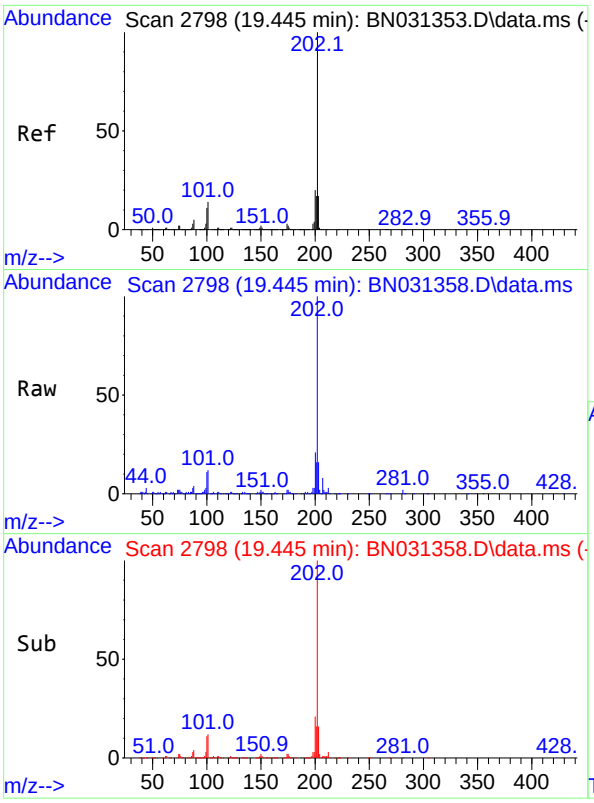


#80
Fluoranthene
Concen: 3.110 ng/ul
RT: 19.081 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Tgt Ion:202 Resp: 184750

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.6
100	8.1	6.7	10.1



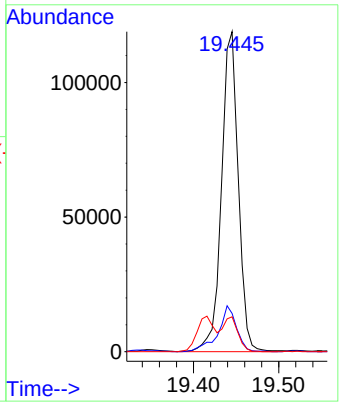


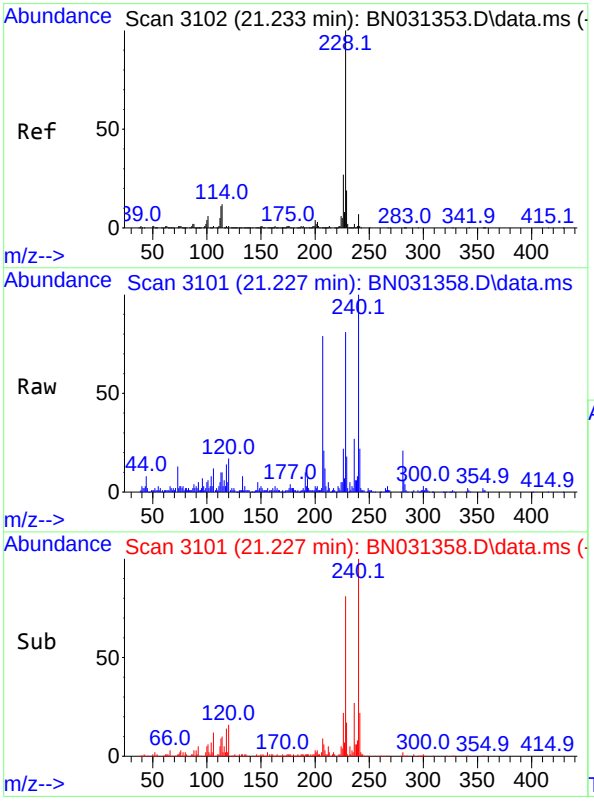
#82
Pyrene
Concen: 2.687 ng/ul
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Instrument :
BNA_N
ClientSampleId :
C0AF1

Tgt Ion:202 Resp: 162840

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.6
100	10.9	9.2	13.8

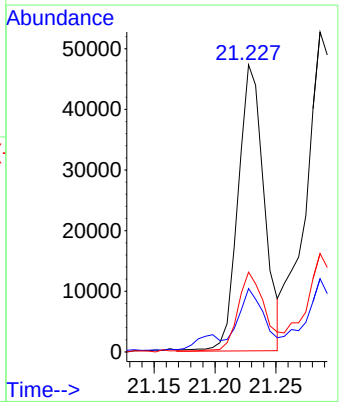


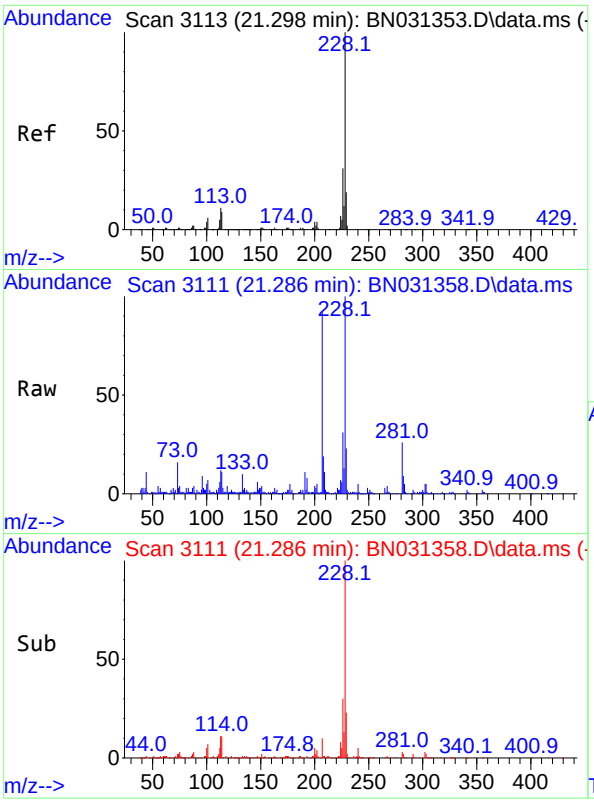


#85
Benzo(a)anthracene
Concen: 1.324 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Tgt Ion:228 Resp: 70291

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.9	23.9
226	27.8	21.1	31.7



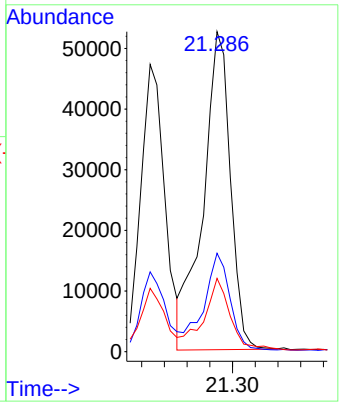


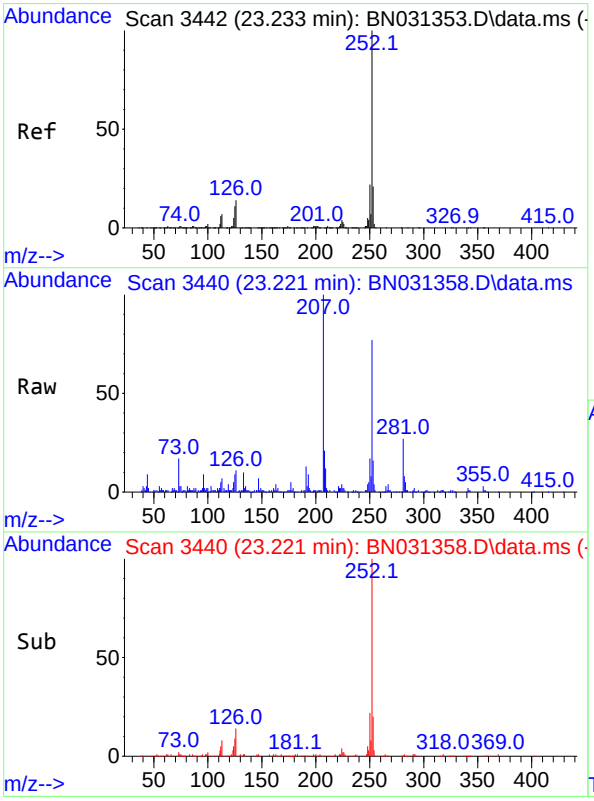
#87
Chrysene
Concen: 1.765 ng/ul
RT: 21.286 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Instrument :
BNA_N
ClientSampleId :
C0AF1

Tgt Ion:228 Resp: 87804

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	22.9	16.7	25.1

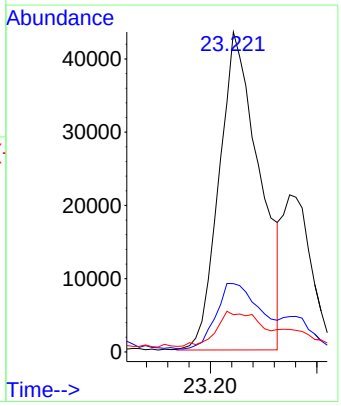


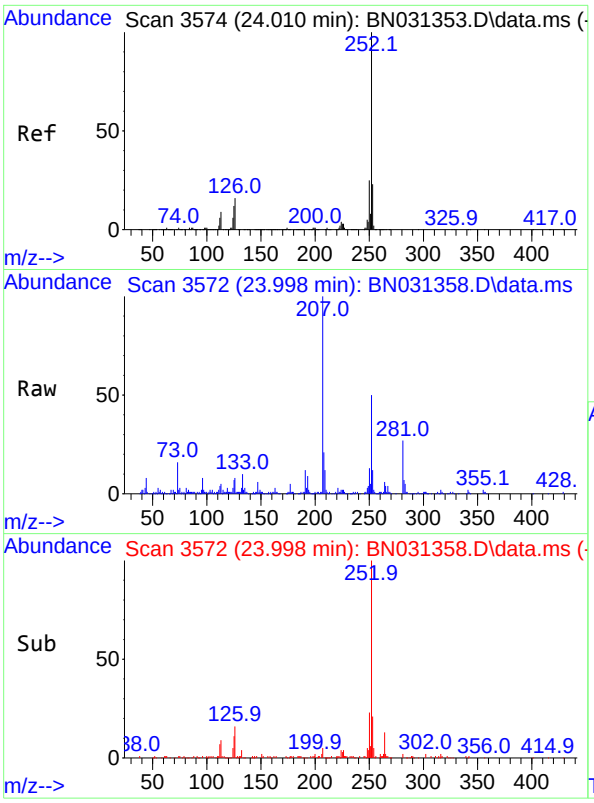


#90
Benzo(b)fluoranthene
Concen: 2.262 ng/ul
RT: 23.221 min Scan# 3440
Delta R.T. -0.012 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Tgt Ion:252 Resp: 114170

Ion	Ratio	Lower	Upper
252	100		
253	21.4	15.7	23.5
125	11.6	8.6	13.0



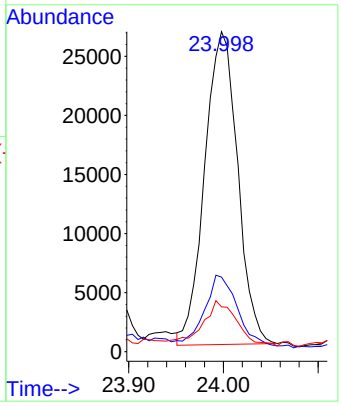


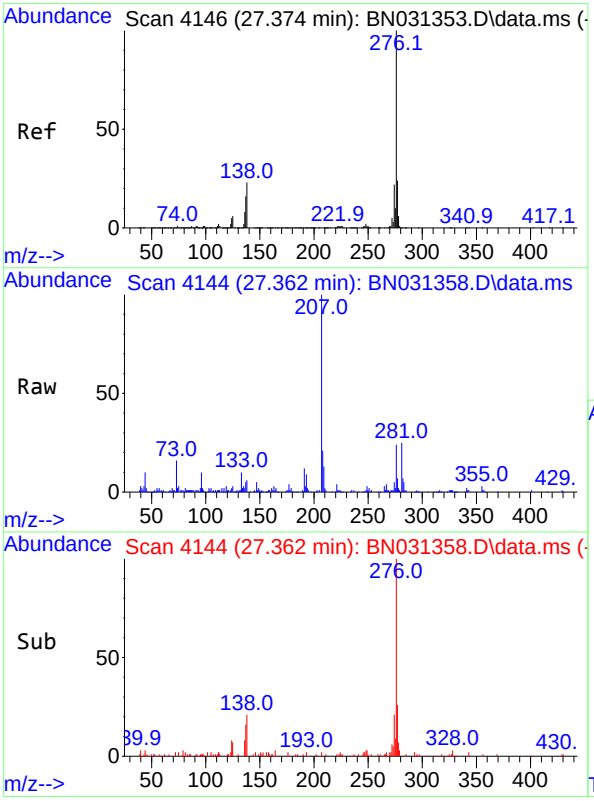
#93
Benzo(a)pyrene
Concen: 1.417 ng/ul
RT: 23.998 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Instrument :
BNA_N
ClientSampleId :
C0AF1

Tgt Ion:252 Resp: 63963

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	14.0	9.7	14.5

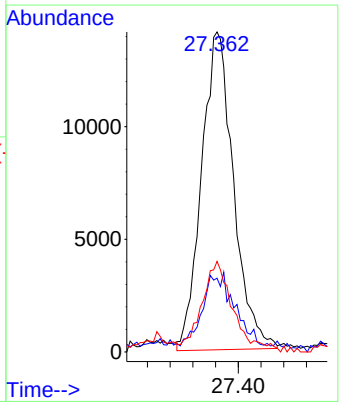


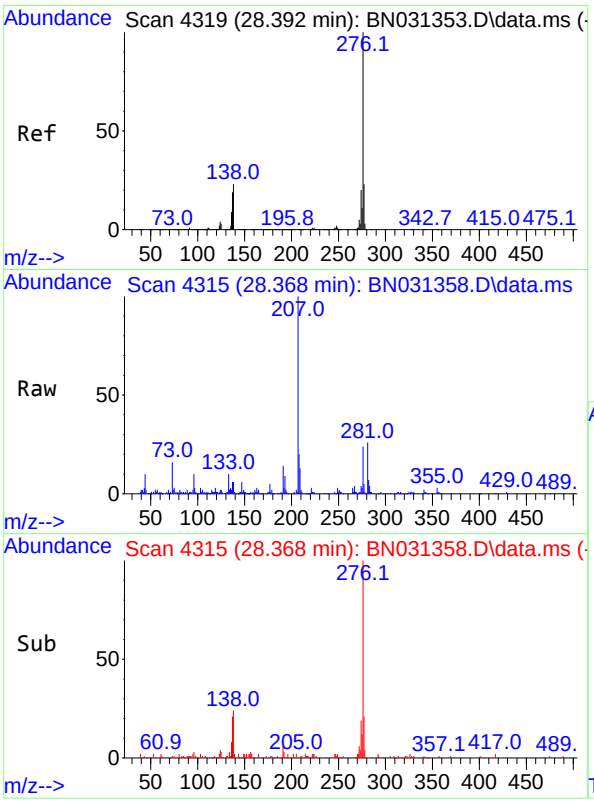


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.078 ng/ul
RT: 27.362 min Scan# 4144
Delta R.T. -0.012 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Tgt Ion:276 Resp: 55131

Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.1	27.1
277	28.3	19.5	29.3





#96
Benzo(g,h,i)perylene
Concen: 1.350 ng/ul
RT: 28.368 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Instrument :
BNA_N
ClientSampleId :
C0AF1

Tgt Ion:276 Resp: 55718

Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.8	28.2
277	21.5	18.0	27.0