Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031125.D
Acq On : 22 Apr 2024 16:56
Operator : MA/JU
Sample : P2037-18RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1CY4RX

Quant Time: Apr 23 00:10:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	137254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	626296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	414293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	945467	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	1077019	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1315670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	9010	3.067	ng/uL	0.00
4) Pyridine-d5	3.552	84	117847	13.929	ng/ul	0.00
7) Phenol-d5	6.804	99	74151	6.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	119434	17.730	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	17219	1.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	135928	13.960	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	79588	17.687	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	2823	0.604	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	6586	0.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	225126	15.618	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	530448	18.399	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	638056	19.531	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	131	0.022	ng/ul	0.02
60) Fluorene-d10	15.275	176	497221	19.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.127	188	815069	19.889	ng/ul	0.00
81) Pyrene-d10	19.433	212	1079527	20.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1255024	20.116	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.074	178	132665	2.653	ng/ul	97
80) Fluoranthene	19.092	202	163970	2.618	ng/ul	96
82) Pyrene	19.463	202	141091	2.144	ng/ul	99
85) Benzo(a)anthracene	21.251	228	92571	1.266	ng/ul	95
87) Chrysene	21.309	228	104584	1.506	ng/ul	97
90) Benzo(b)fluoranthene	23.251	252	163382	2.207	ng/ul#	79
93) Benzo(a)pyrene	24.027	252	117402	1.590	ng/ul#	87
96) Benzo(g,h,i)perylene	28.427	276	92156	1.249	ng/ul	98

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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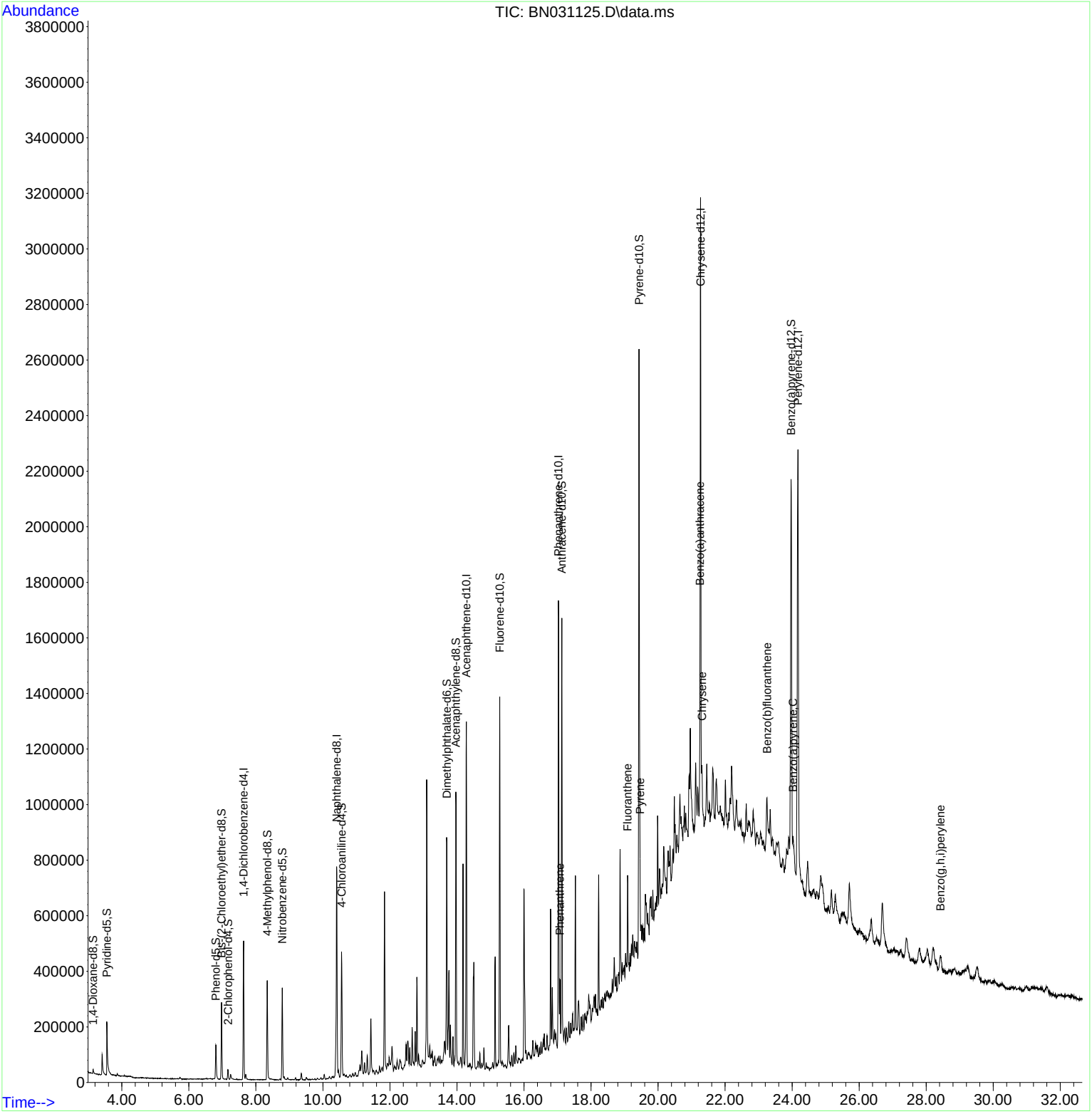
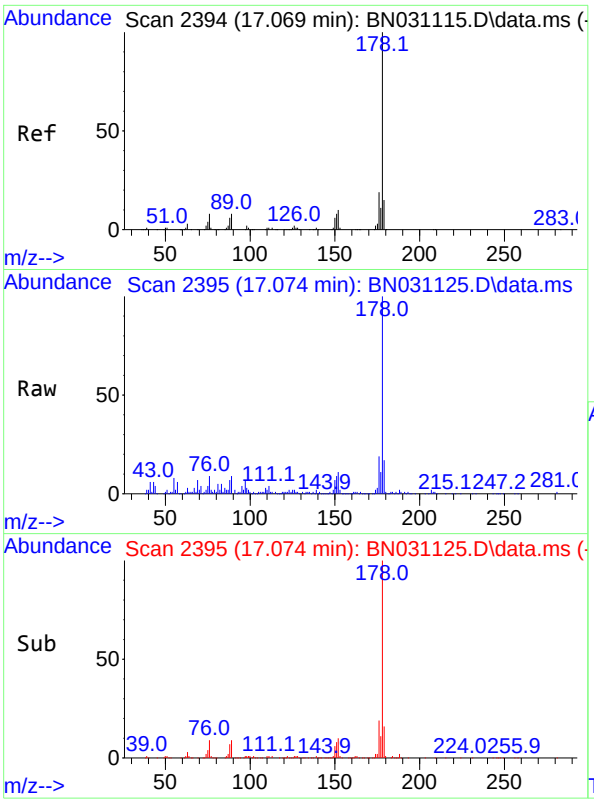


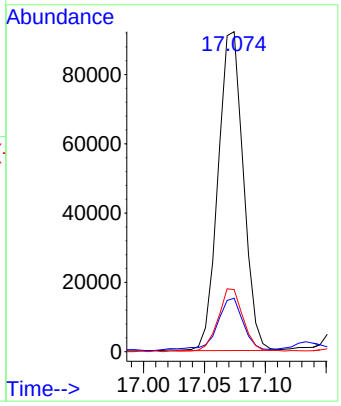


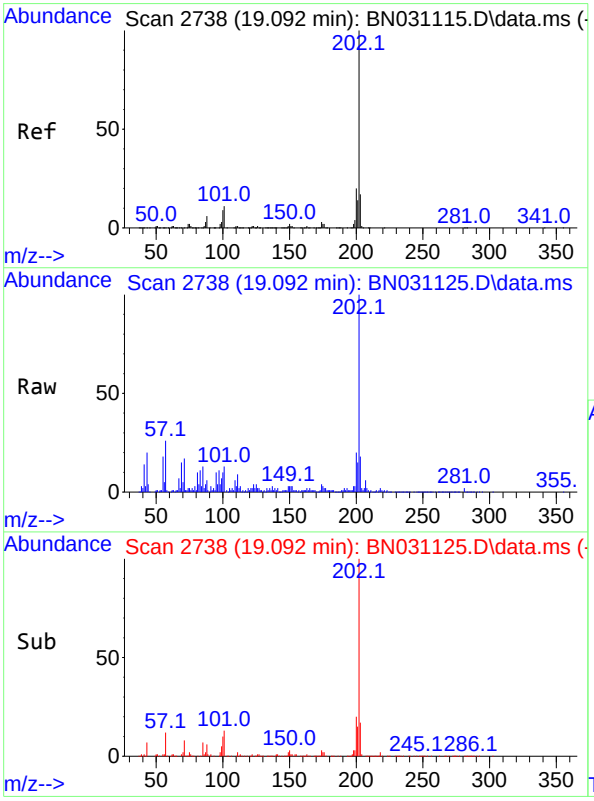
#72
Phenanthrene
Concen: 2.653 ng/ul
RT: 17.074 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Instrument :
BNA_N
ClientSampleId :
E1CY4RX

Tgt Ion:178 Resp: 132665

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	19.4	14.6	21.8

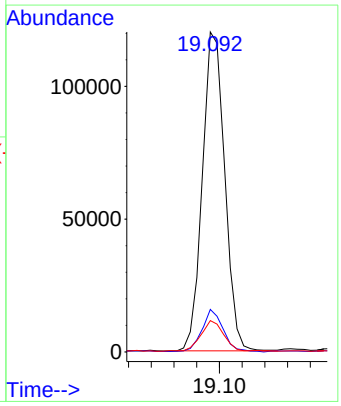


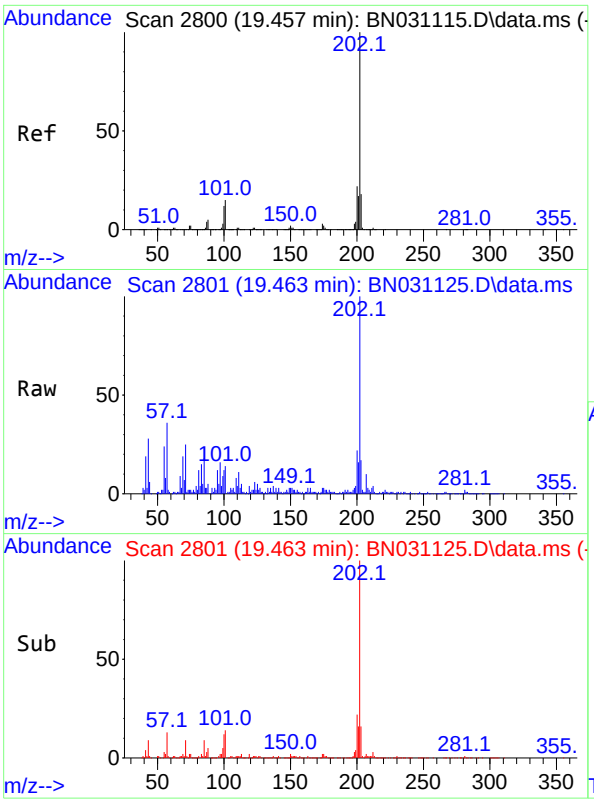


#80
Fluoranthene
Concen: 2.618 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Tgt Ion:202 Resp: 163970

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.0	13.6
100	9.8	6.9	10.3



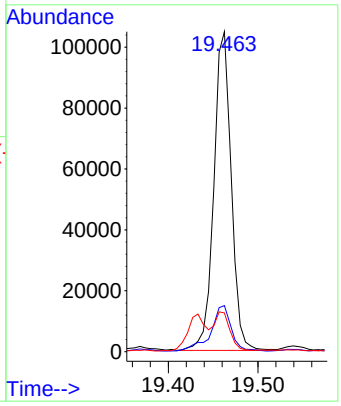


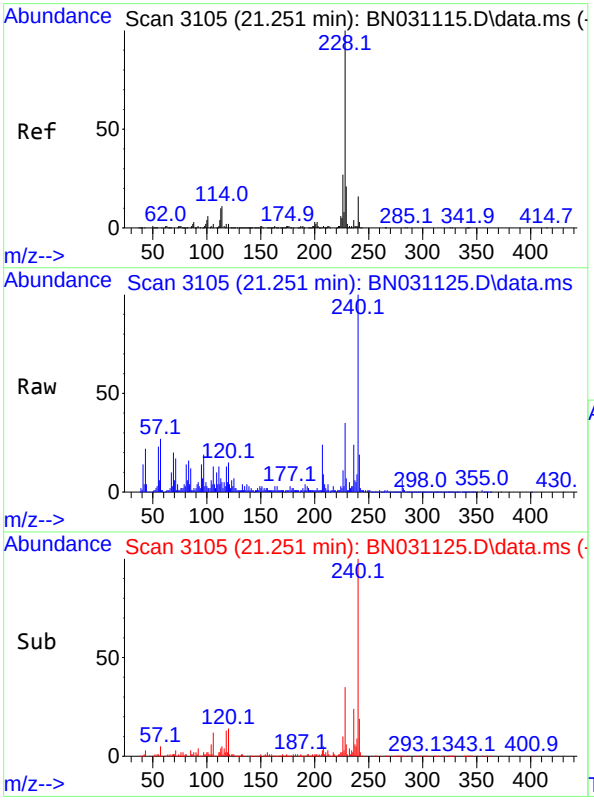
#82
Pyrene
Concen: 2.144 ng/ul
RT: 19.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Instrument :
BNA_N
ClientSampleId :
E1CY4RX

Tgt Ion:202 Resp: 141091

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.1	16.7
100	12.1	9.3	13.9

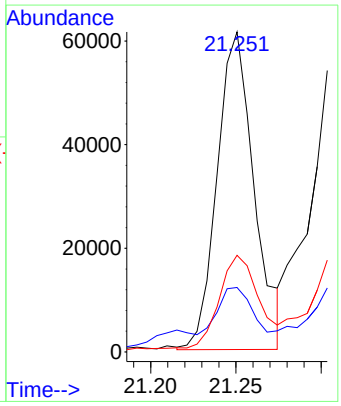


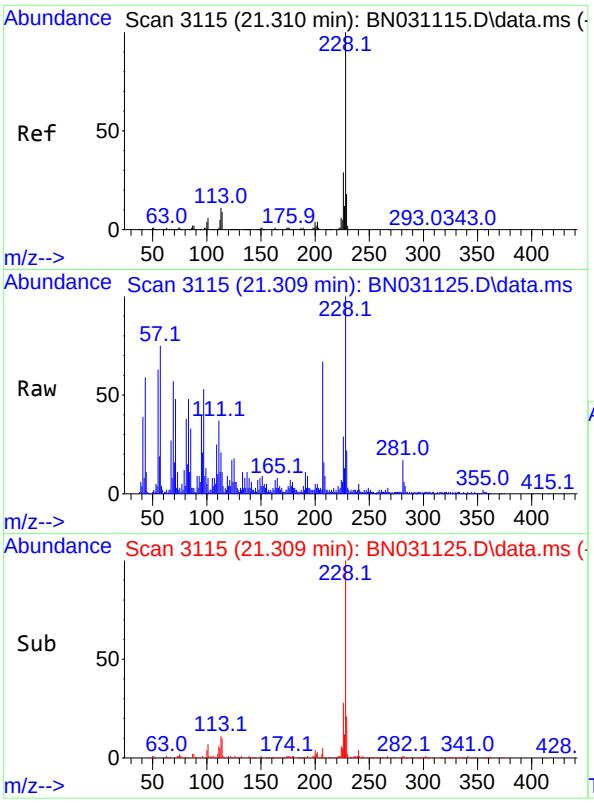


#85
Benzo(a)anthracene
Concen: 1.266 ng/ul
RT: 21.251 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Tgt Ion:228 Resp: 92571

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.7	25.1
226	30.2	21.2	31.8



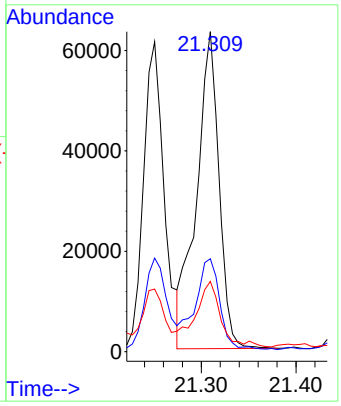


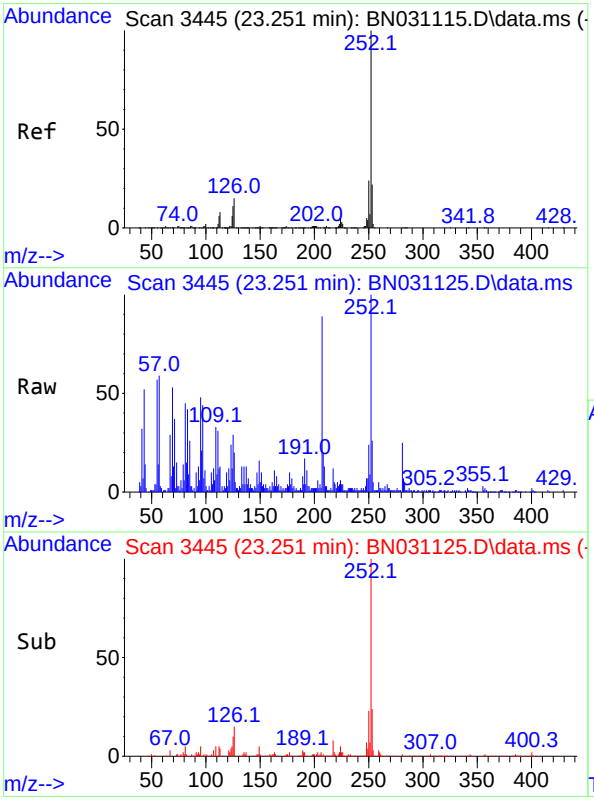
#87
Chrysene
Concen: 1.506 ng/ul
RT: 21.309 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Instrument :
BNA_N
ClientSampleId :
E1CY4RX

Tgt Ion:228 Resp: 104584

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	22.0	15.8	23.8

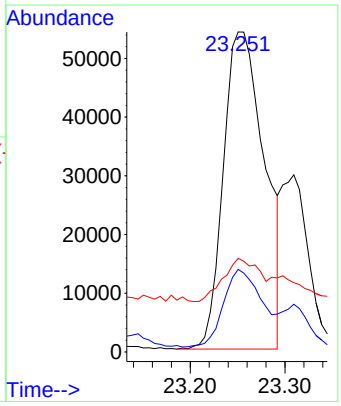


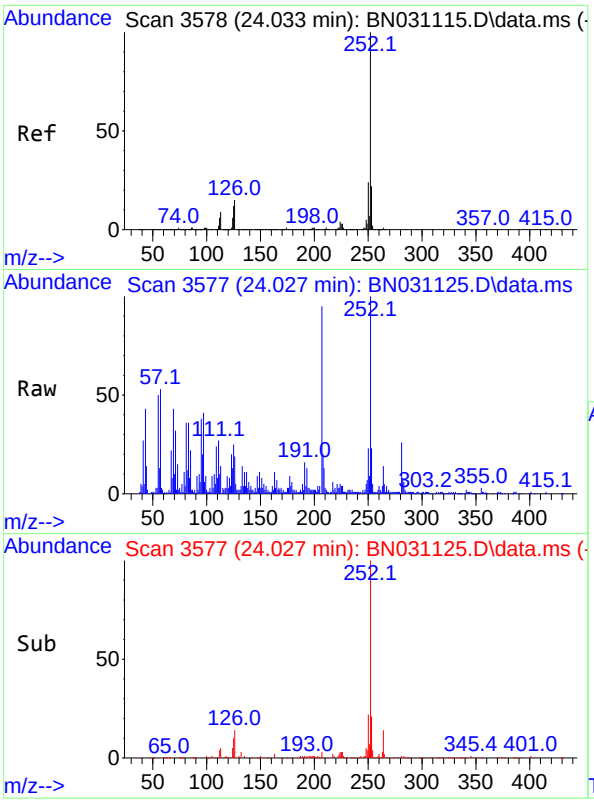


#90
Benzo(b)fluoranthene
Concen: 2.207 ng/ul
RT: 23.251 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Tgt Ion:252 Resp: 163382

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	29.2	8.6	12.8#



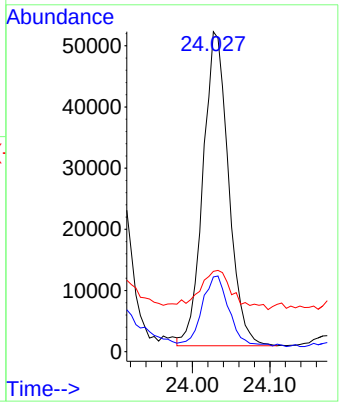


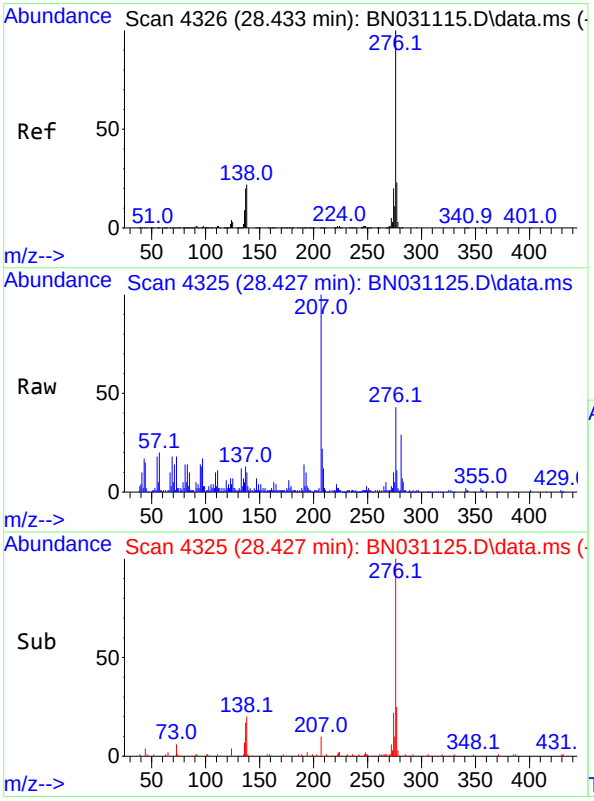
#93
Benzo(a)pyrene
Concen: 1.590 ng/ul
RT: 24.027 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Instrument :
BNA_N
ClientSampleId :
E1CY4RX

Tgt Ion:252 Resp: 117402

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	25.1	9.9	14.9#





#96
Benzo(g,h,i)perylene
Concen: 1.249 ng/ul
RT: 28.427 min Scan# 4325
Delta R.T. -0.012 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Tgt Ion:276 Resp: 92156

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.0	28.6
277	25.7	19.3	28.9