Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022121.D
Acq On : 14 Oct 2022 13:04
Operator : CG/JU
Sample : N5049-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 15 00:25:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	220160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1037725	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	637386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1272680	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	861857	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	831755	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17716	3.050	ng/uL	0.00
4) Pyridine-d5	3.717	84	16226	0.898	ng/ul	0.02
7) Phenol-d5	7.116	99	419504	19.491	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	253339	18.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	317545	21.279	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	335239	19.602	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	168437	22.136	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	185717	23.812	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	312293	21.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	211659	8.843	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	905244	20.374	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1113217	22.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	144903	15.279	ng/ul	0.00
60) Fluorene-d10	15.622	176	809040	21.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	104676	14.417	ng/ul	0.00
73) Anthracene-d10	17.486	188	1186967	21.462	ng/ul	0.00
81) Pyrene-d10	19.786	212	1184849	27.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	866386	21.240	ng/ul	0.02
Target Compounds						Qvalue
6) Benzaldehyde	7.087	77	90451	8.510	ng/ul	98
8) Phenol	7.140	94	27075	1.185	ng/ul	93
16) Acetophenone	8.799	105	34373	1.258	ng/ul	89
30) Naphthalene	10.834	128	60332	1.085	ng/ul	97
36) 2-Methylnaphthalene	12.451	142	38801	1.011	ng/ul	94
50) Acenaphthylene	14.351	152	417649	7.371	ng/ul	97
72) Phenanthrene	17.428	178	157284	2.291	ng/ul	98
74) Anthracene	17.522	178	769945	11.291	ng/ul	96
77) Carbazole	17.792	167	173343	2.748	ng/ul	99
80) Fluoranthene	19.451	202	1097962	20.384	ng/ul	96
82) Pyrene	19.816	202	1493879	26.510	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1147469	20.836	ng/ul#	92
87) Chrysene	21.633	228	1737797	32.836	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	3373563	64.308	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	3373563	65.091	ng/ul	98
93) Benzo(a)pyrene	23.962	252	1783777	38.045	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	2249426	38.385	ng/ul	94
95) Dibenzo(a,h)anthracene	26.692	278	619584	11.817	ng/ul#	75
96) Benzo(g,h,i)perylene	27.498	276	1904050	36.115	ng/ul	97

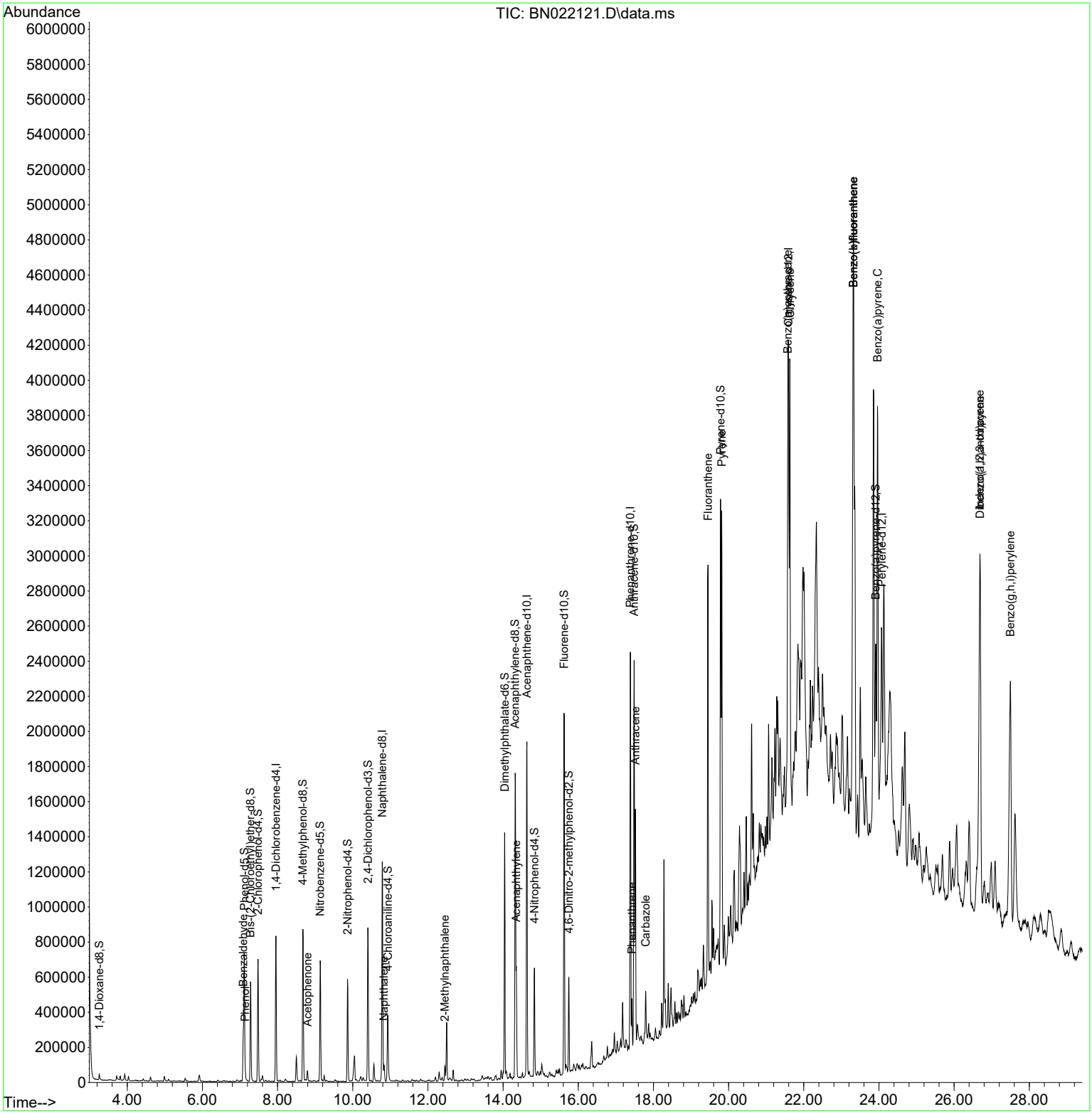
(#) = qualifier out of range (m) = manual integration (+) = signals summed

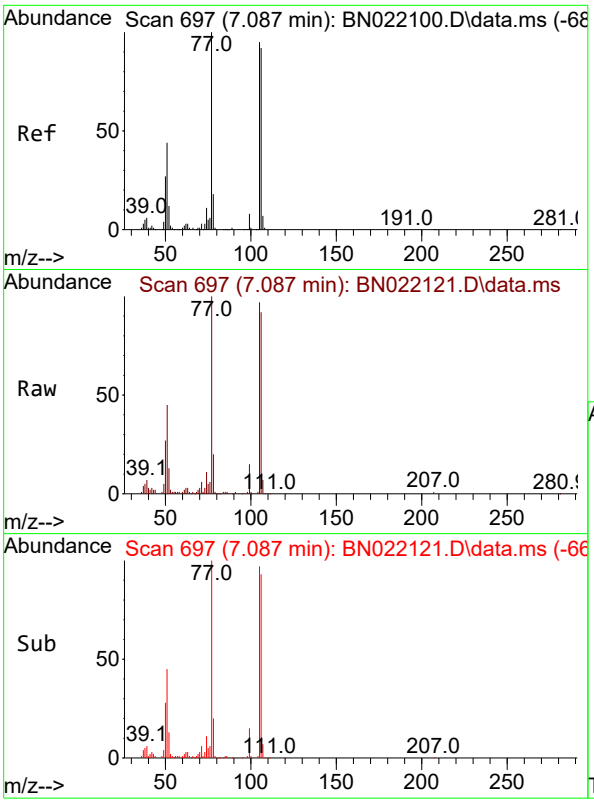
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022121.D
Acq On : 14 Oct 2022 13:04
Operator : CG/JU
Sample : N5049-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 15 00:25:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration



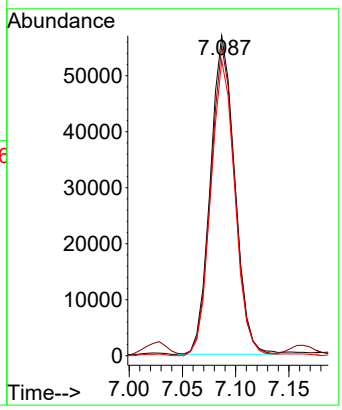


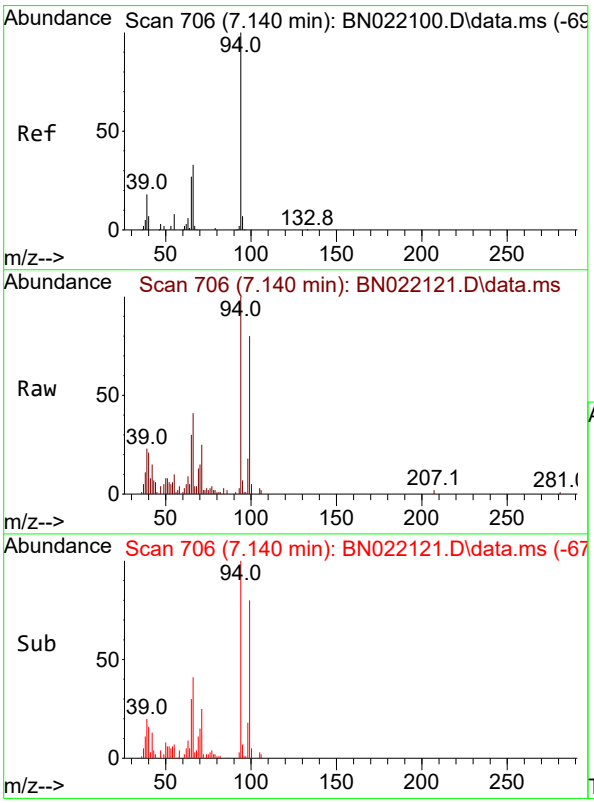
#6
Benzaldehyde
Concen: 8.510 ng/ul
RT: 7.087 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 90451

Ion	Ratio	Lower	Upper
77	100		
105	96.9	78.6	118.0
106	92.2	75.4	113.2

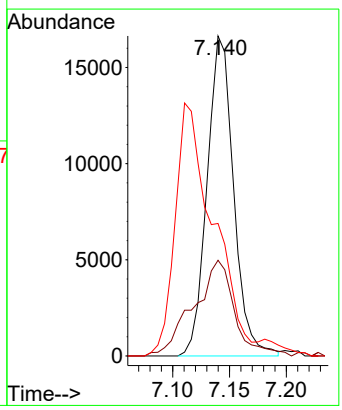


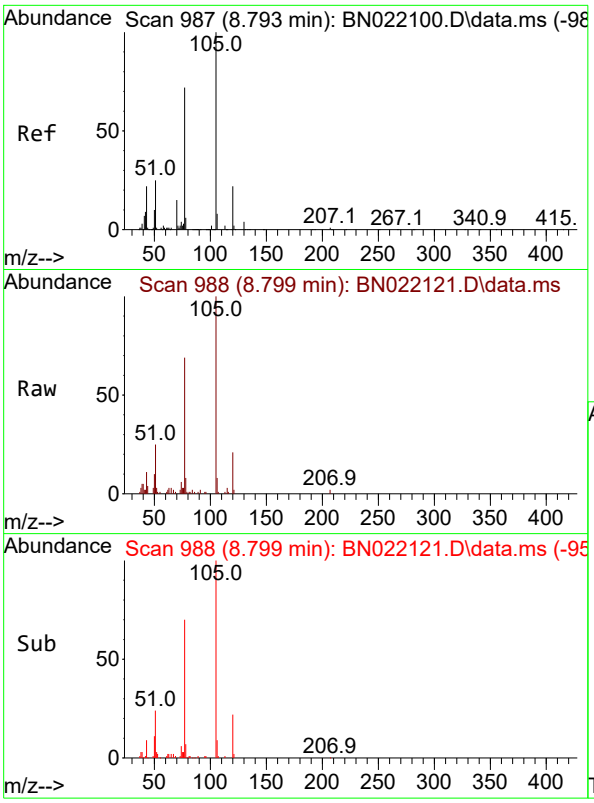


#8
Phenol
Concen: 1.185 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion: 94 Resp: 27075

Ion	Ratio	Lower	Upper
94	100		
65	29.9	22.1	33.1
66	41.4	29.0	43.6



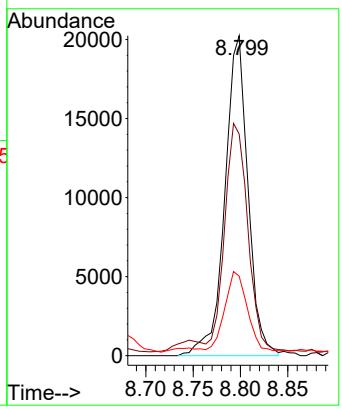


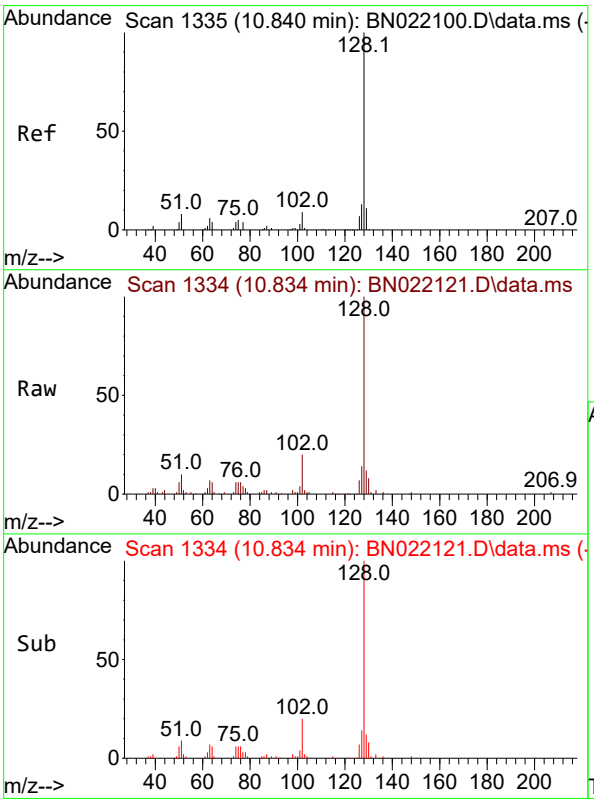
#16
Acetophenone
Concen: 1.258 ng/ul
RT: 8.799 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 34373

Ion	Ratio	Lower	Upper
105	100		
77	69.2	64.9	97.3
51	24.9	21.8	32.6

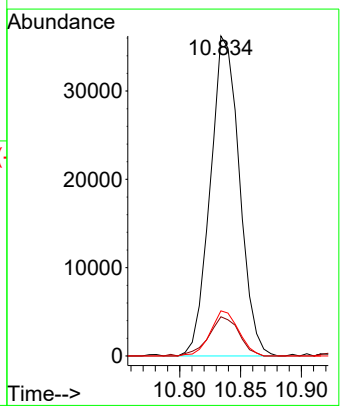


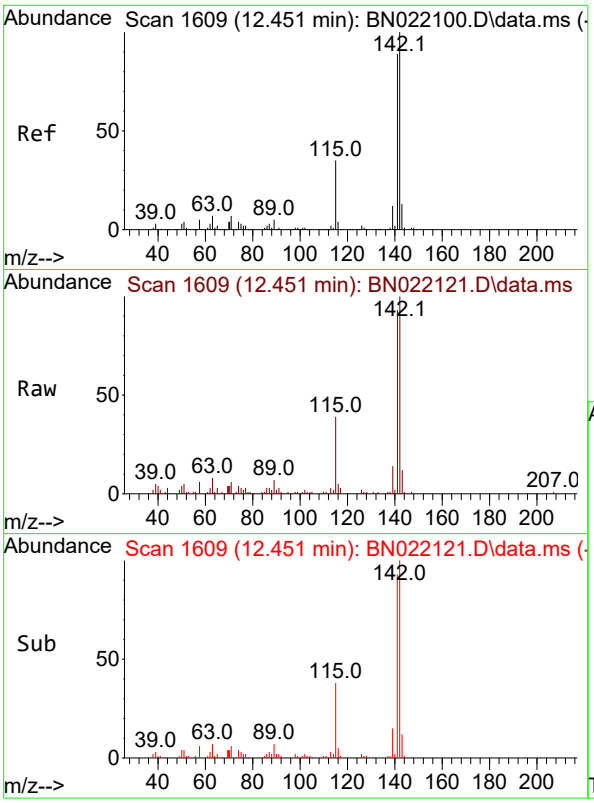


#30
Naphthalene
Concen: 1.085 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:128 Resp: 60332

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.5	12.7
127	14.1	10.8	16.2



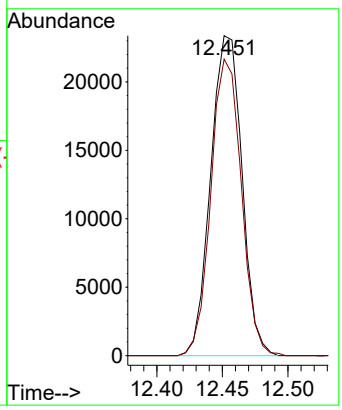


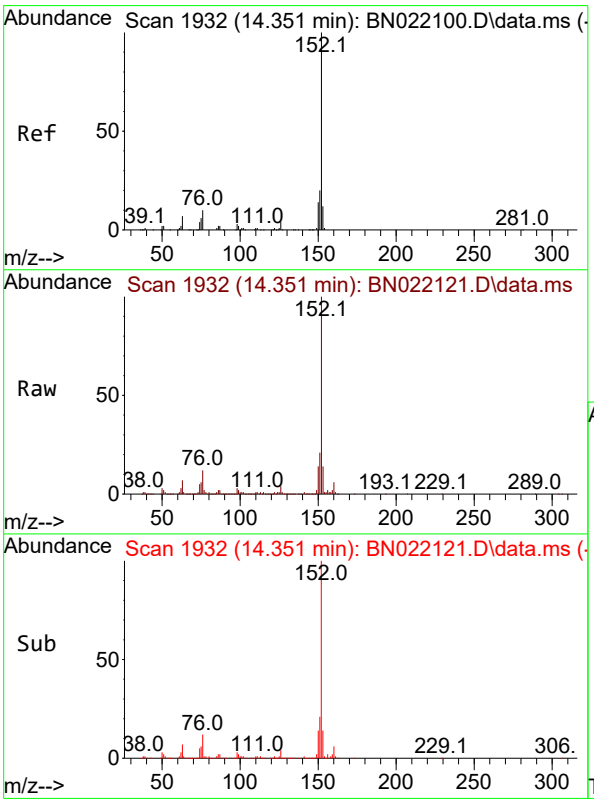
#36
2-Methylnaphthalene
Concen: 1.011 ng/ul
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 38801

Ion	Ratio	Lower	Upper
142	100		
141	92.7	69.7	104.5

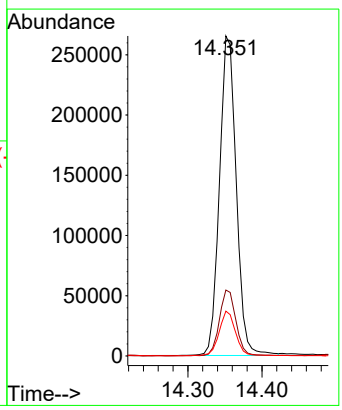


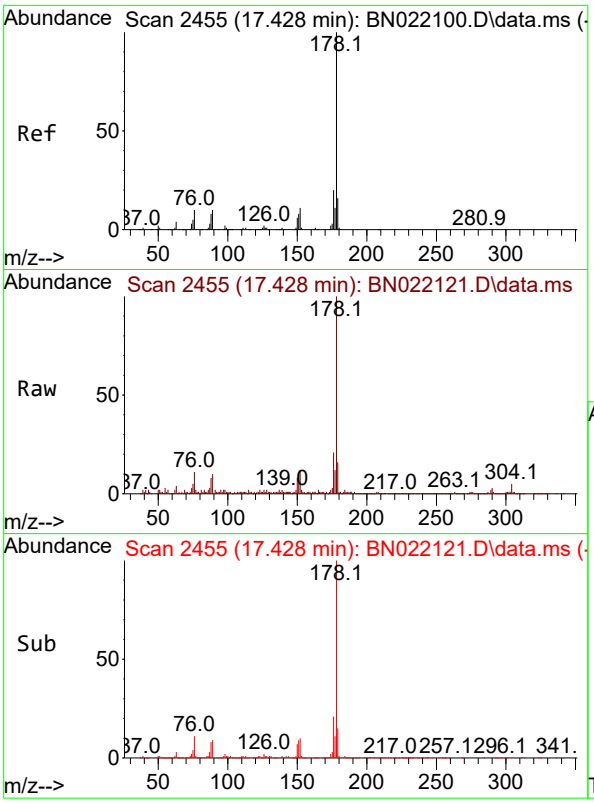


#50
Acenaphthylene
Concen: 7.371 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:152 Resp: 417649

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	14.0	9.8	14.8



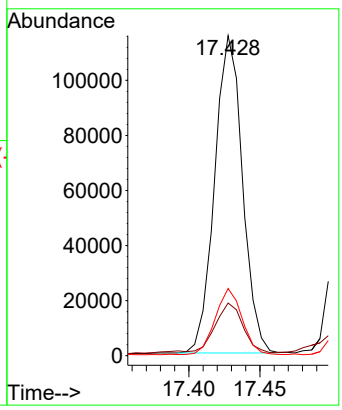


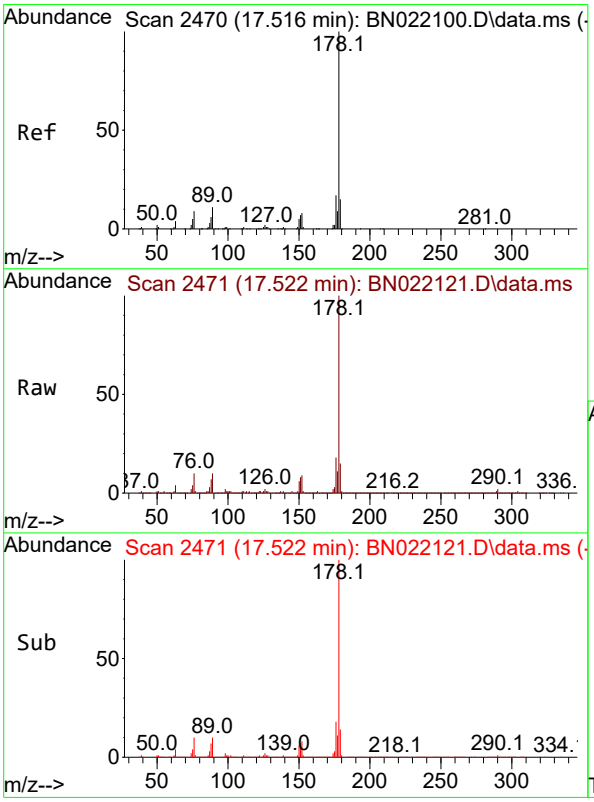
#72
Phenanthrene
Concen: 2.291 ng/ul
RT: 17.428 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 157284

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	21.0	16.5	24.7

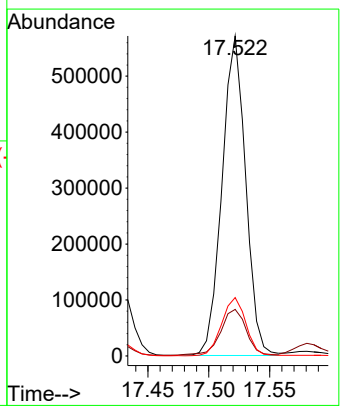


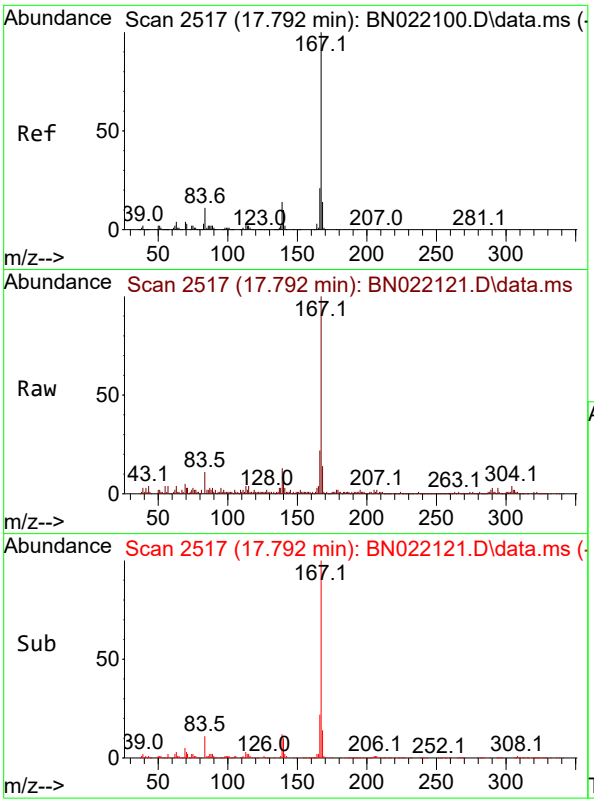


#74
Anthracene
Concen: 11.291 ng/ul
RT: 17.522 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:178 Resp: 769945

Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.0	19.6
176	18.3	15.8	23.6



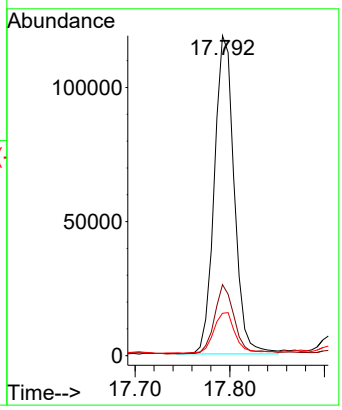


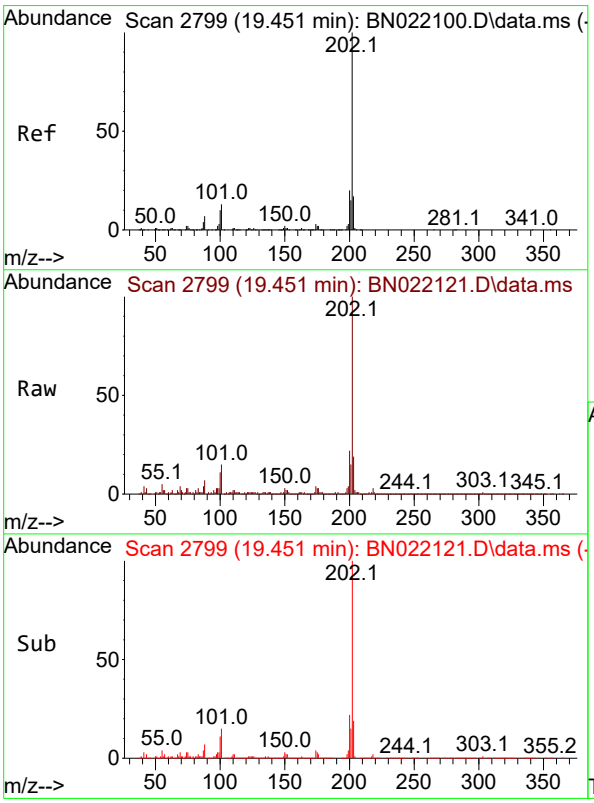
#77
Carbazole
Concen: 2.748 ng/ul
RT: 17.792 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 173343

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.3	25.9
139	13.3	10.7	16.1

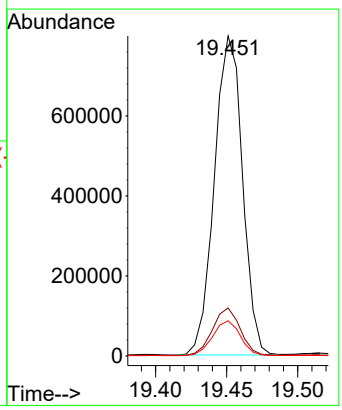


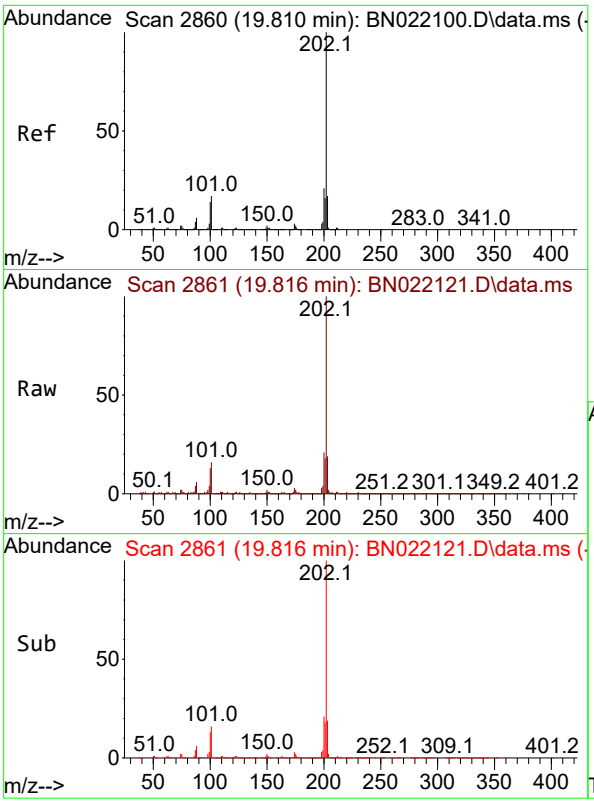


#80
Fluoranthene
Concen: 20.384 ng/ul
RT: 19.451 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:202 Resp: 1097962

Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.3	15.5
100	11.0	7.8	11.8



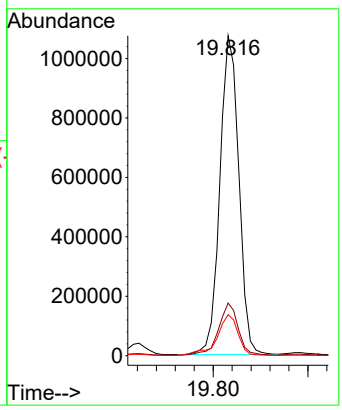


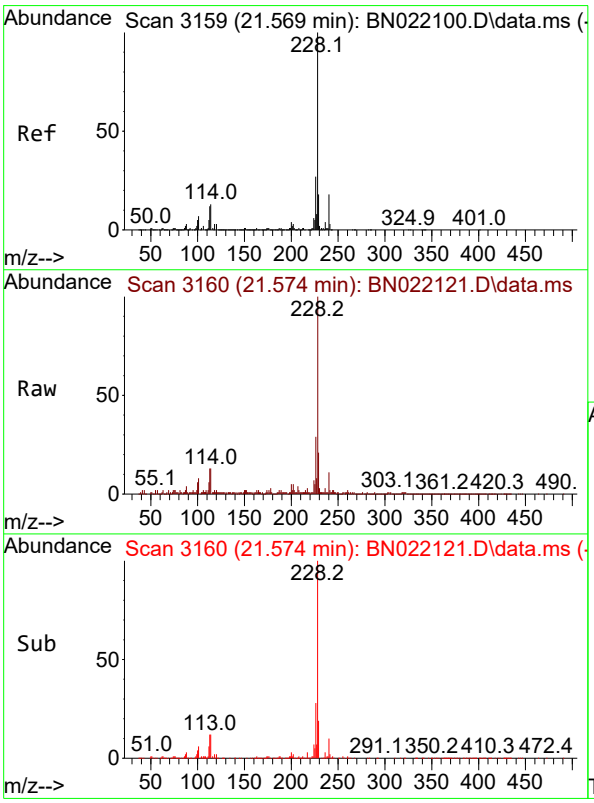
#82
Pyrene
Concen: 26.510 ng/ul
RT: 19.816 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1493879

Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	12.8	10.9	16.3

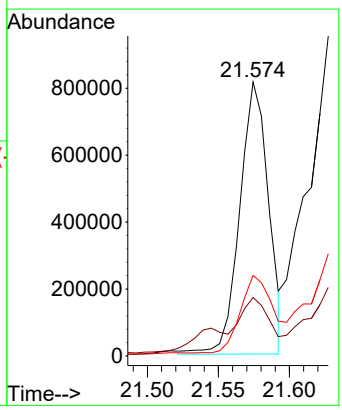


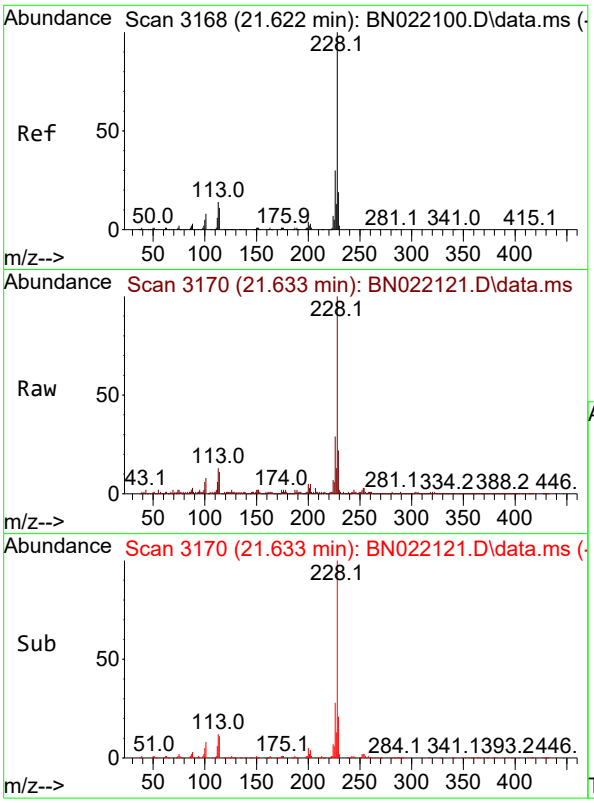


#85
Benzo(a)anthracene
Concen: 20.836 ng/ul
RT: 21.574 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:228 Resp: 1147469

Ion	Ratio	Lower	Upper
228	100		
229	21.3	13.5	20.3#
226	29.4	21.0	31.6



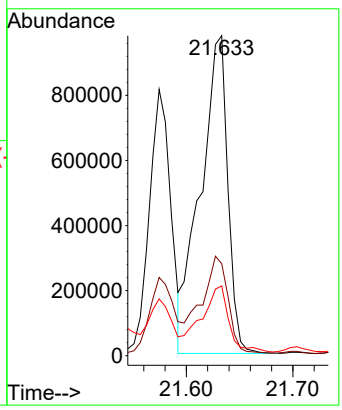


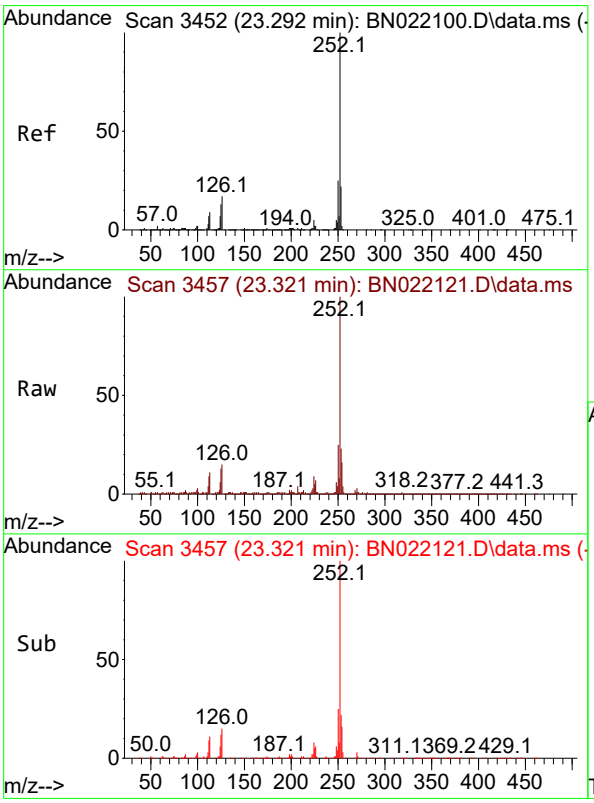
#87
Chrysene
Concen: 32.836 ng/ul
RT: 21.633 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1737797

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.8
229	21.8	16.5	24.7

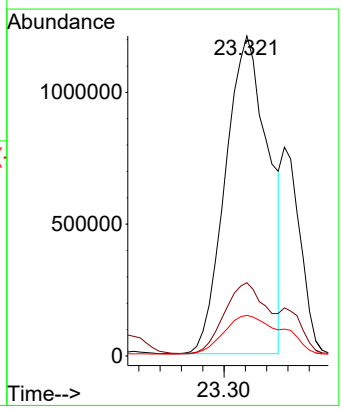


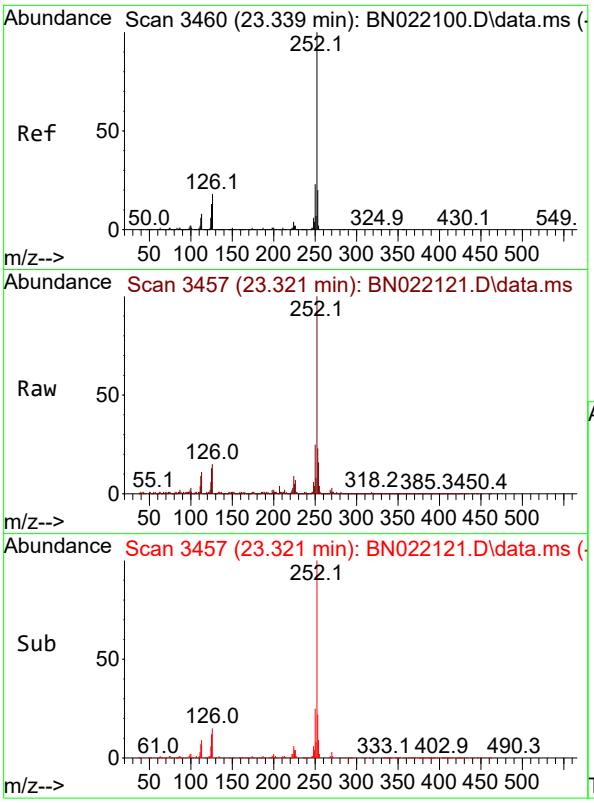


#90
Benzo(b)fluoranthene
Concen: 64.308 ng/ul
RT: 23.321 min Scan# 3457
Delta R.T. 0.023 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:252 Resp: 3373563

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.7	10.7	16.1



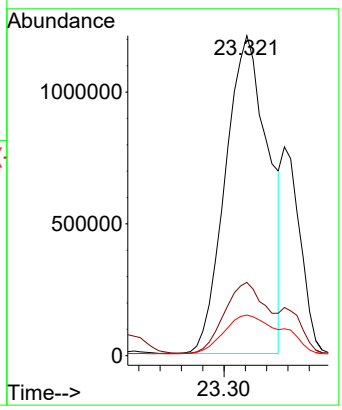


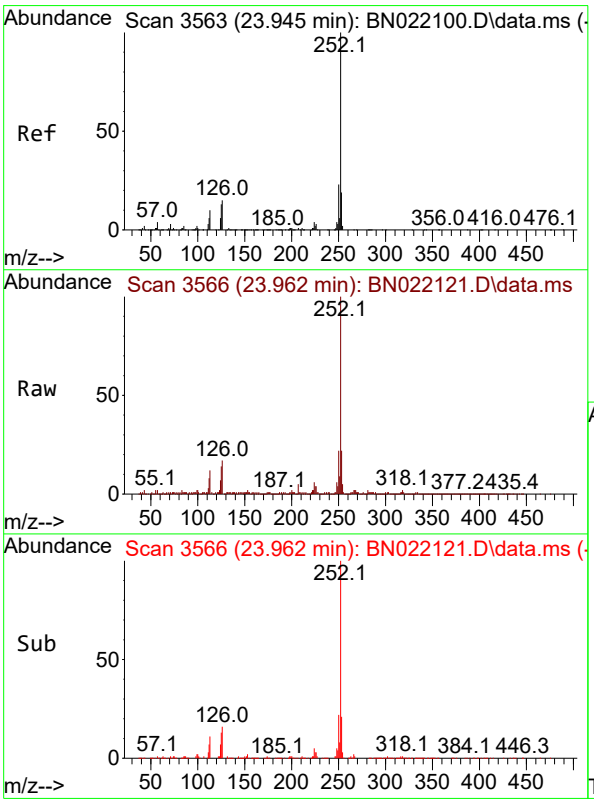
#91
Benzo(k)fluoranthene
Concen: 65.091 ng/ul
RT: 23.321 min Scan# 34
Delta R.T. -0.029 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3373563

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.7	10.6	15.8

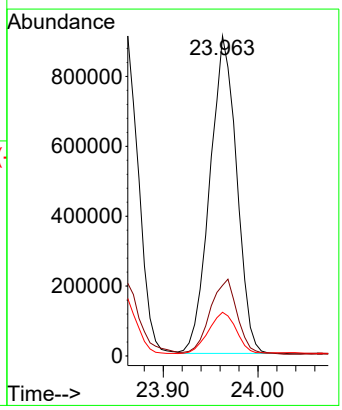


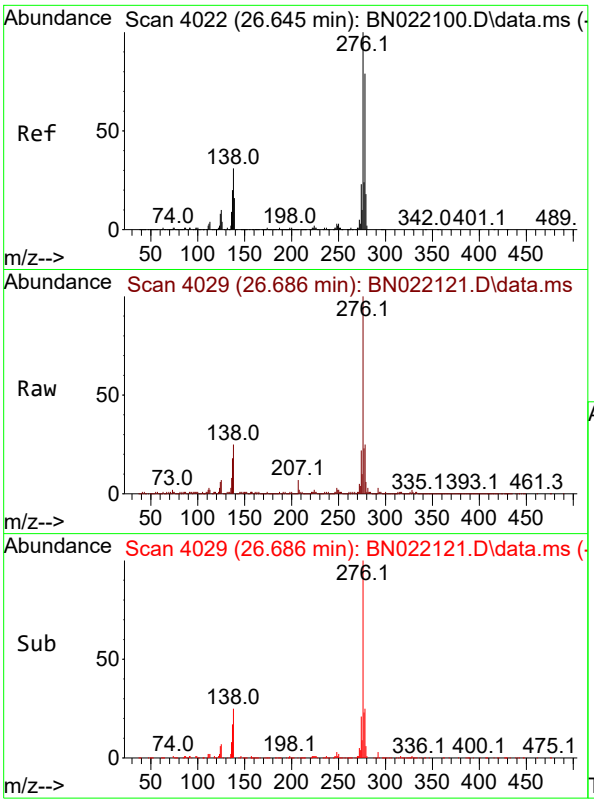


#93
Benzo(a)pyrene
Concen: 38.045 ng/ul
RT: 23.962 min Scan# 3566
Delta R.T. 0.012 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:252 Resp: 1783777

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.6	10.8	16.2



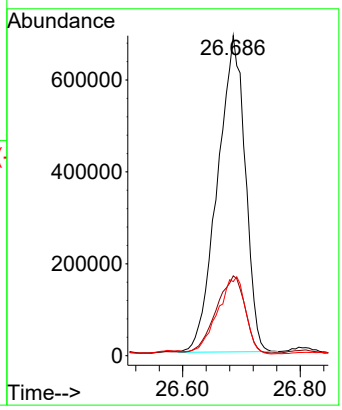


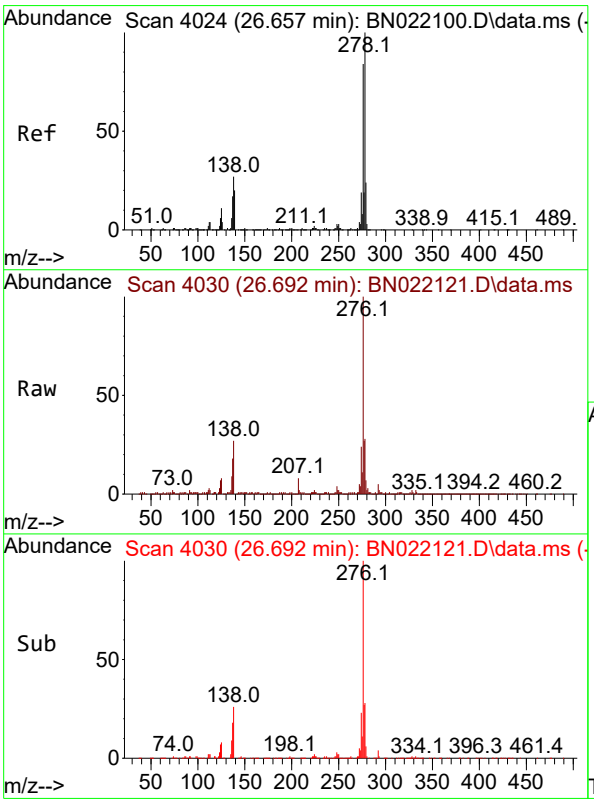
#94
Indeno(1,2,3-cd)pyrene
Concen: 38.385 ng/ul
RT: 26.686 min Scan# 4
Delta R.T. 0.023 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2249426

Ion	Ratio	Lower	Upper
276	100		
138	25.0	24.6	36.8
277	23.1	18.4	27.6

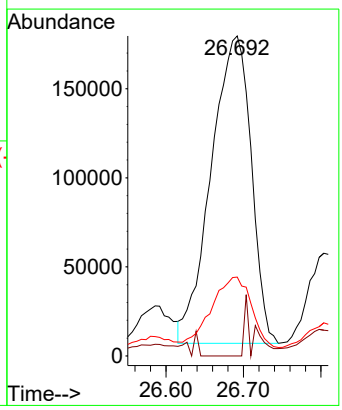


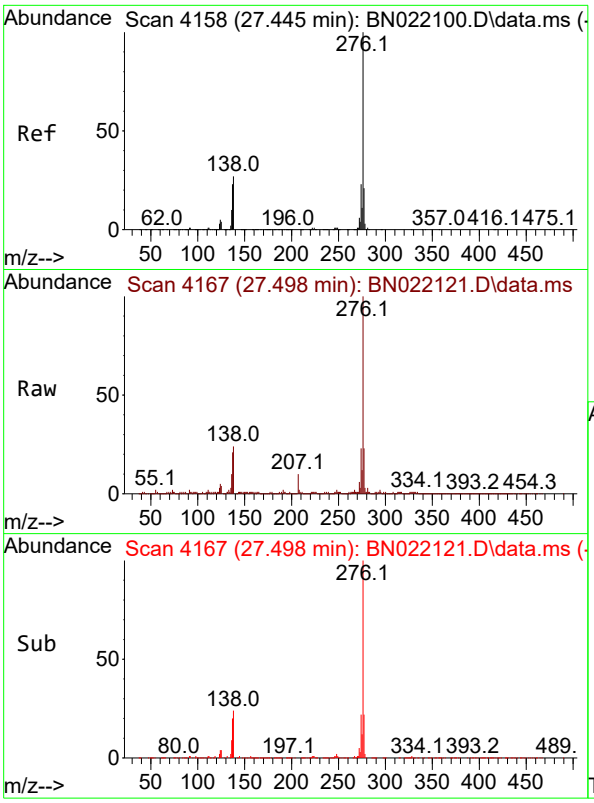


#95
Dibenzo(a,h)anthracene
Concen: 11.817 ng/ul
RT: 26.692 min Scan# 4030
Delta R.T. 0.018 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:278 Resp: 619584

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.7	23.5#
279	24.6	16.5	24.7





#96
Benzo(g,h,i)perylene
Concen: 36.115 ng/ul
RT: 27.498 min Scan# 4
Delta R.T. 0.041 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1904050

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.2	31.8
277	22.6	17.9	26.9