Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032105.D
Acq On : 20 Jun 2024 20:39
Operator : MA/JU
Sample : P2710-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 21 02:15:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	344792	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	1651325	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	1149415	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	2306191	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1719030	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1536255	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	20278	2.433	ng/uL	0.00
4) Pyridine-d5	3.569	84	278438	11.868	ng/ul	0.00
7) Phenol-d5	6.816	99	478501	16.188	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	260299	15.055	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	404689	17.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	428069	17.766	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	213550	16.913	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	236601	18.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	431363	17.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	622803	17.227	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	1478045	18.458	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1675379	18.196	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	232282	14.488	ng/ul	0.00
60) Fluorene-d10	15.275	176	1247399	18.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	170259	14.688	ng/ul	0.00
73) Anthracene-d10	17.128	188	1819397	18.427	ng/ul	0.00
81) Pyrene-d10	19.433	212	2026481	22.030	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1387535	18.915	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.075	178	462931	3.940	ng/ul	98
74) Anthracene	17.163	178	131186	1.102	ng/ul	98
80) Fluoranthene	19.092	202	686847	6.248	ng/ul	98
82) Pyrene	19.457	202	670739	5.947	ng/ul	96
85) Benzo(a)anthracene	21.245	228	324369	2.819	ng/ul	98
87) Chrysene	21.304	228	308975	2.875	ng/ul	97
90) Benzo(b)fluoranthene	23.251	252	225827	2.459	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	225827	2.506	ng/ul	99
93) Benzo(a)pyrene	24.033	252	170759	1.986	ng/ul	99

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

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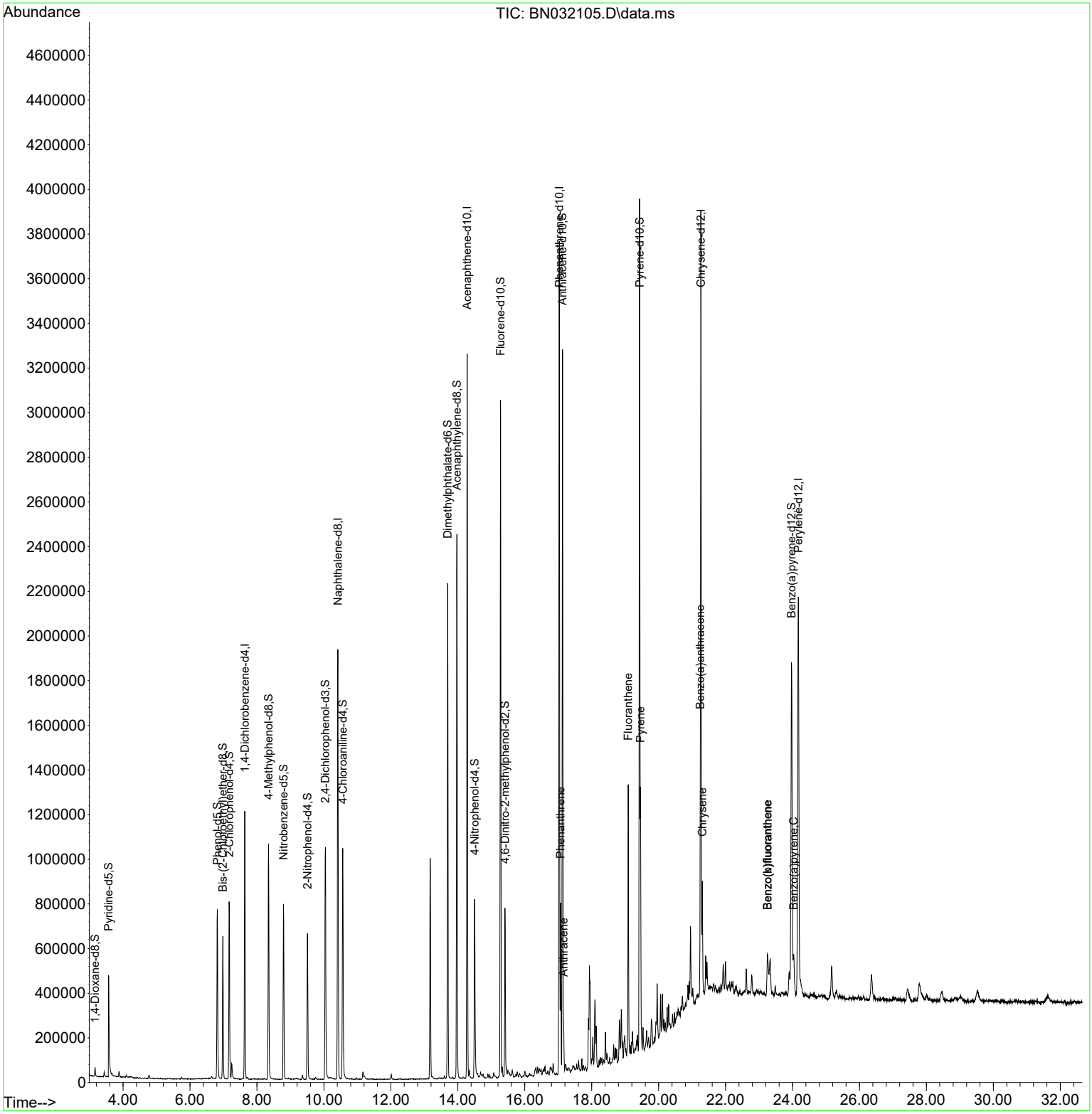
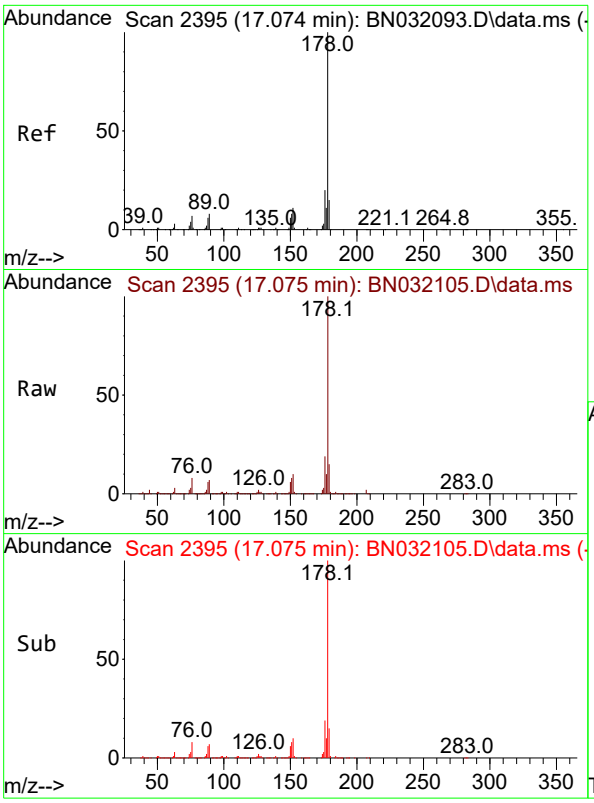


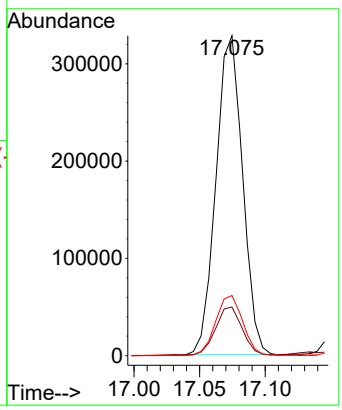


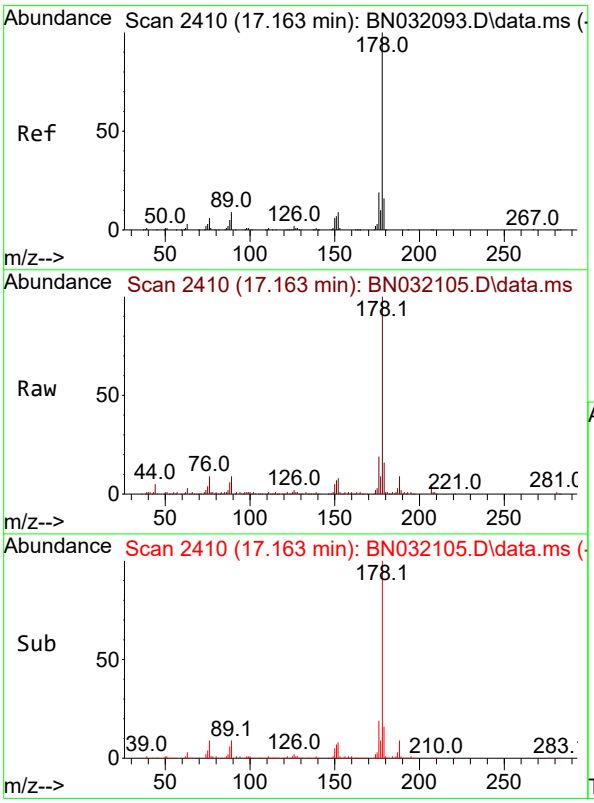
#72
Phenanthrene
Concen: 3.940 ng/ul
RT: 17.075 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 462931

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.8	15.8	23.6

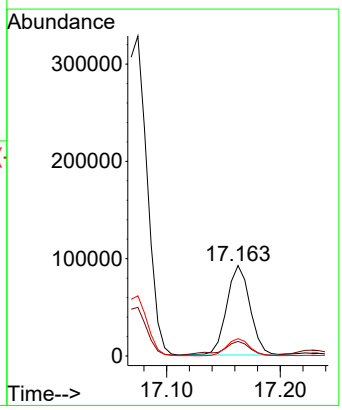


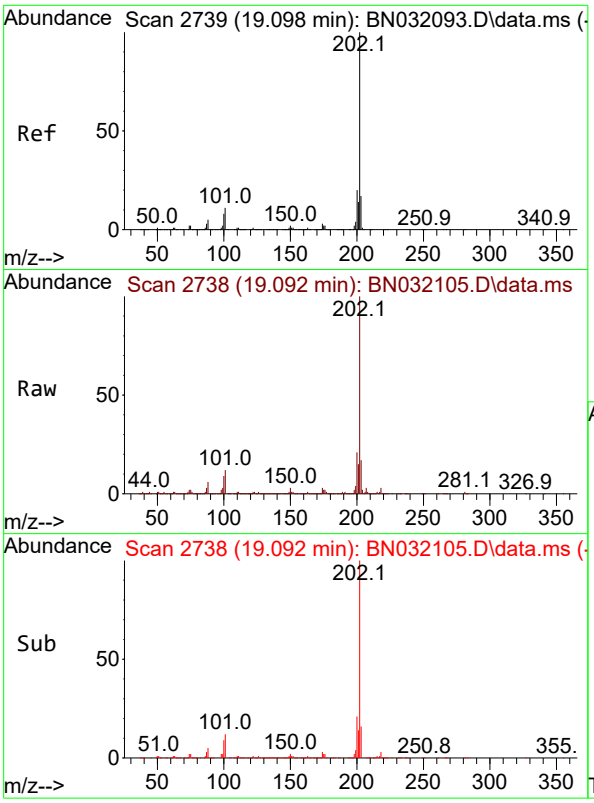


#74
Anthracene
Concen: 1.102 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Tgt Ion:178 Resp: 131186

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.8	17.6
176	19.2	14.8	22.2



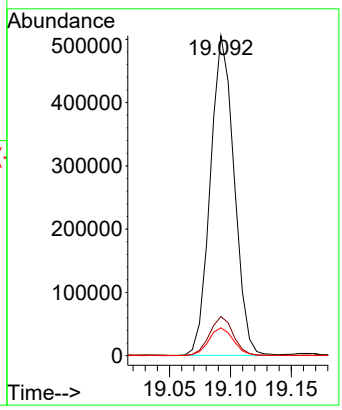


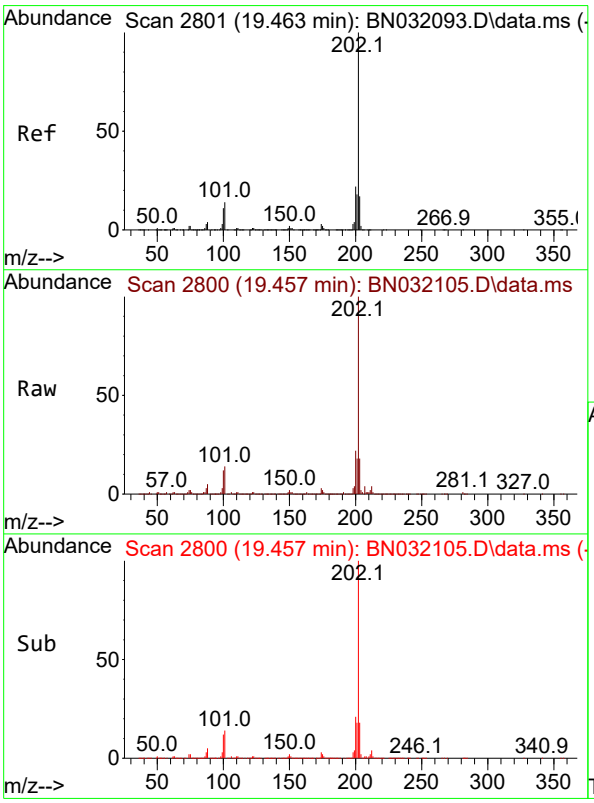
#80
Fluoranthene
Concen: 6.248 ng/ul
RT: 19.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 686847

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.3	15.5
100	8.7	8.0	12.0

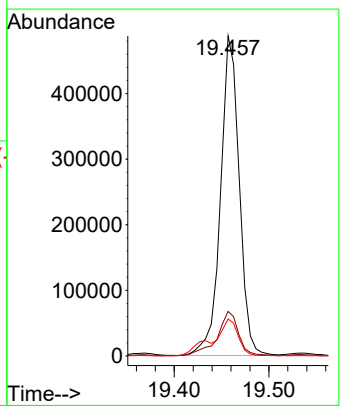


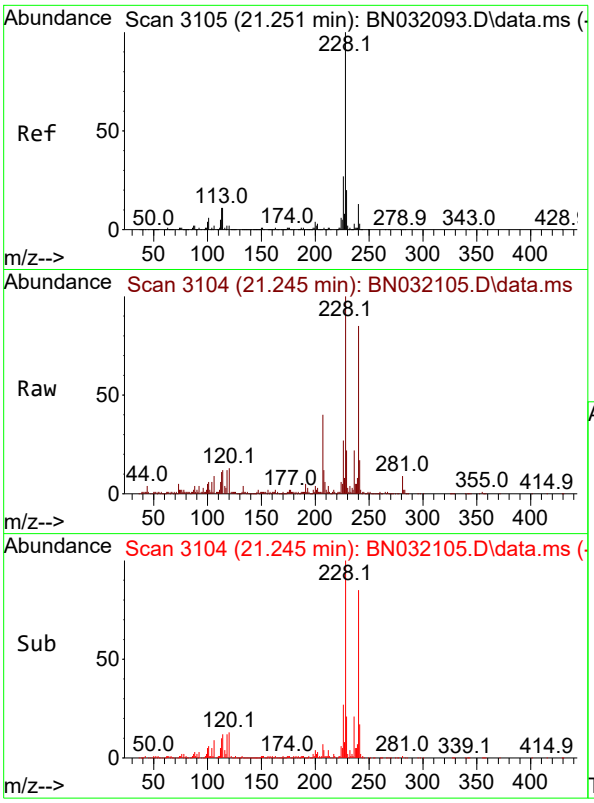


#82
Pyrene
Concen: 5.947 ng/ul
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Tgt Ion:202 Resp: 670739

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.6	18.8
100	11.5	10.2	15.2



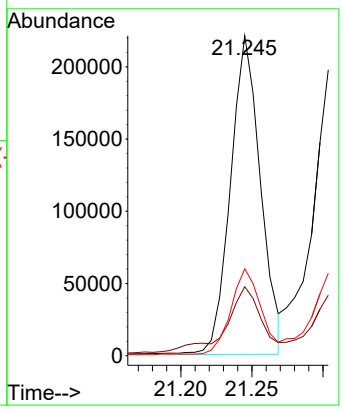


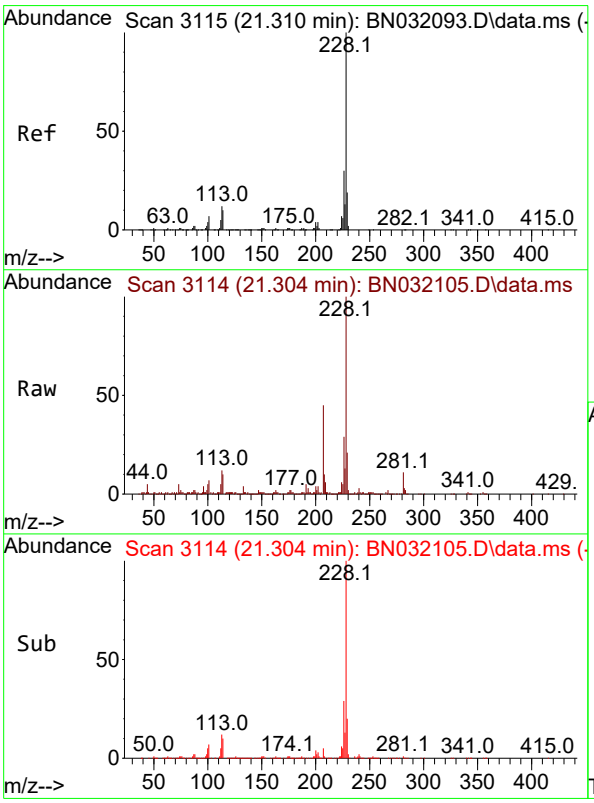
#85
Benzo(a)anthracene
Concen: 2.819 ng/ul
RT: 21.245 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 324369

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.7	25.1
226	27.2	22.8	34.2

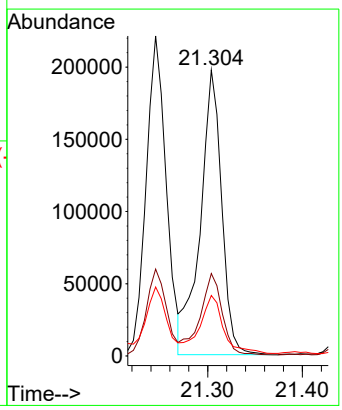


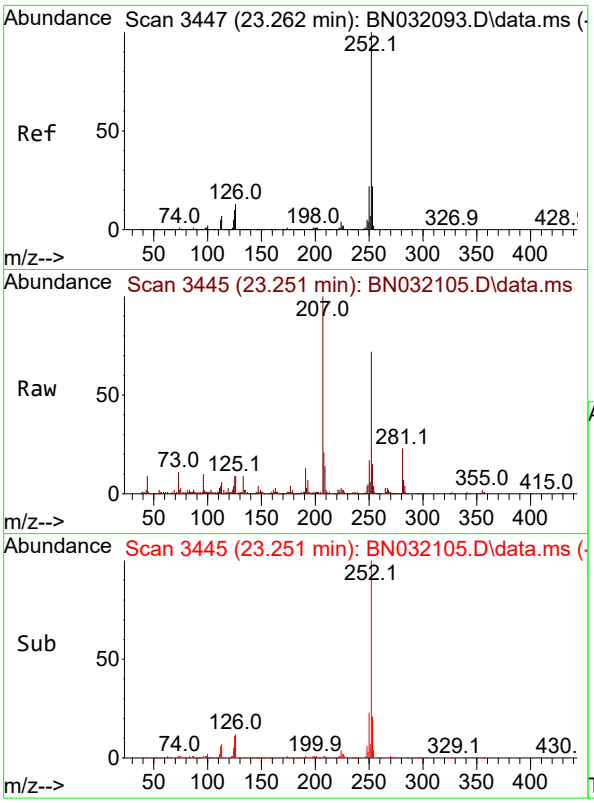


#87
Chrysene
Concen: 2.875 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Tgt Ion:228 Resp: 308975

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.7	35.5
229	21.2	15.1	22.7



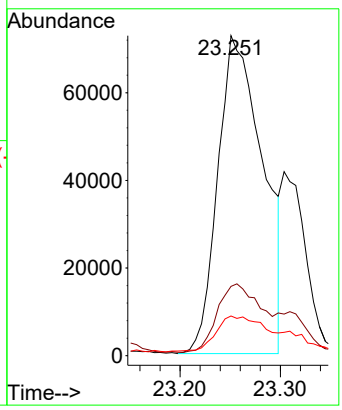


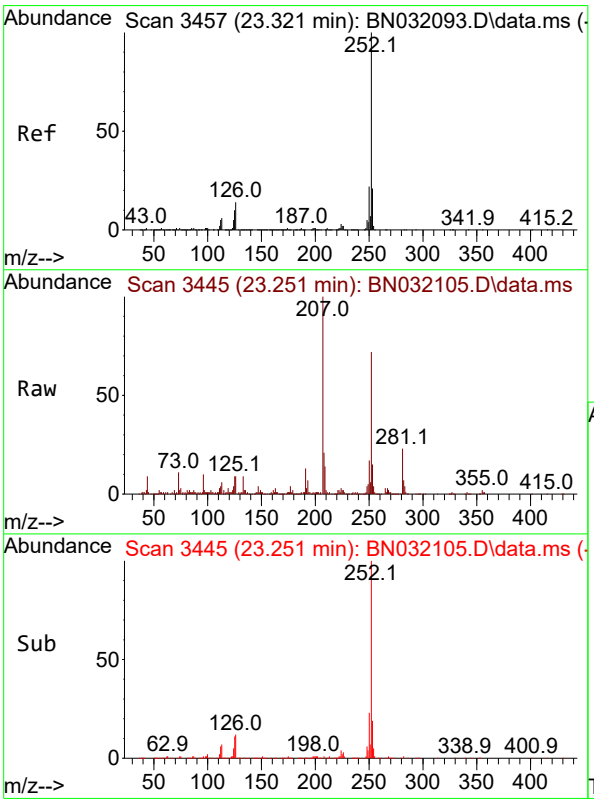
#90
Benzo(b)fluoranthene
Concen: 2.459 ng/ul
RT: 23.251 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 225827

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.4	9.2	13.8

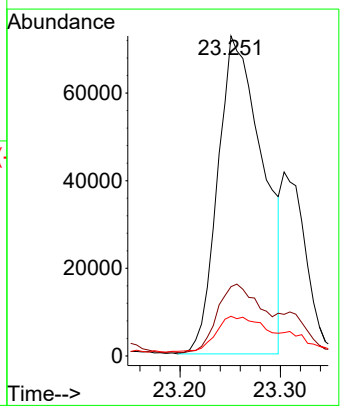


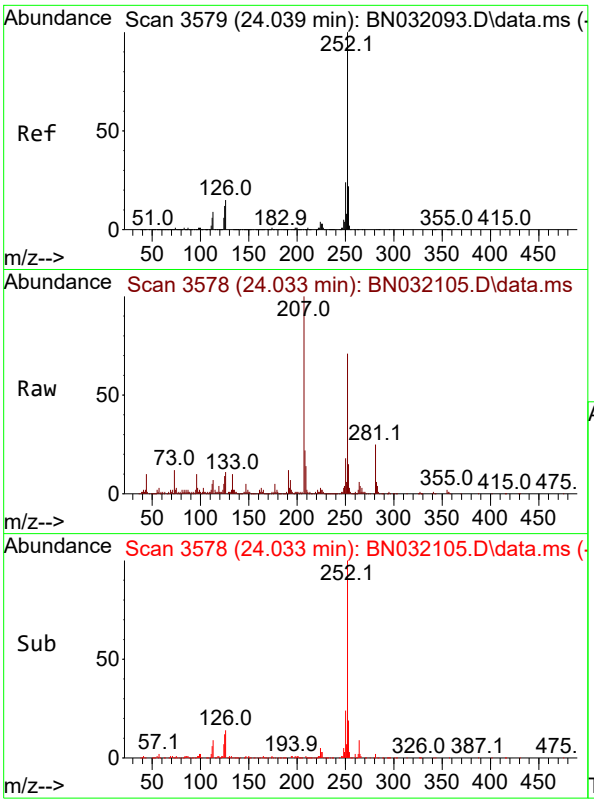


#91
Benzo(k)fluoranthene
Concen: 2.506 ng/ul
RT: 23.251 min Scan# 3445
Delta R.T. -0.070 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Tgt Ion:252 Resp: 225827

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	12.4	9.4	14.2





#93
Benzo(a)pyrene
Concen: 1.986 ng/ul
RT: 24.033 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN032105.D
Acq: 20 Jun 2024 20:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 170759

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	24.8
125	12.9	9.8	14.8