Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032022.D
Acq On : 15 Jun 2024 05:40
Operator : MA/JU
Sample : P2696-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B90

Quant Time: Jun 15 06:10:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	331517	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	1515086	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	973097	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1881596	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1080694	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1173963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	32454	4.050	ng/uL	0.00
4) Pyridine-d5	3.593	84	41749	1.851	ng/ul	0.01
7) Phenol-d5	6.828	99	760111	26.745	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	433126	26.055	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.187	132	614544	28.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	622907	26.888	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	318767	27.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	348191	29.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	611949	27.392	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	570119	17.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1909516	28.167	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	2193380	28.138	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	270616	19.937	ng/ul	0.00
60) Fluorene-d10	15.292	176	1589832	27.717	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	180038	19.036	ng/ul	0.00
73) Anthracene-d10	17.145	188	2265964	28.129	ng/ul	0.00
81) Pyrene-d10	19.451	212	1850911	32.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.003	264	995290	17.755	ng/ul	-0.02
Target Compounds						Qvalue
61) Fluorene	15.351	166	65208	1.023	ng/ul	94
72) Phenanthrene	17.092	178	1280020	13.354	ng/ul	99
74) Anthracene	17.180	178	218656	2.251	ng/ul	96
77) Carbazole	17.457	167	104233	1.259	ng/ul	99
80) Fluoranthene	19.115	202	1982283	28.682	ng/ul	98
82) Pyrene	19.474	202	1324462	18.678	ng/ul	97
85) Benzo(a)anthracene	21.262	228	661781	9.149	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	260251	5.331	ng/ul	98
87) Chrysene	21.327	228	699186	10.348	ng/ul	98
90) Benzo(b)fluoranthene	23.286	252	891958	12.711	ng/ul	96
91) Benzo(k)fluoranthene	23.339	252	287559	4.176	ng/ul	96
93) Benzo(a)pyrene	24.068	252	295339	4.494	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.503	276	290913	3.841	ng/ul	93
95) Dibenzo(a,h)anthracene	27.539	278	107267	1.735	ng/ul#	89

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

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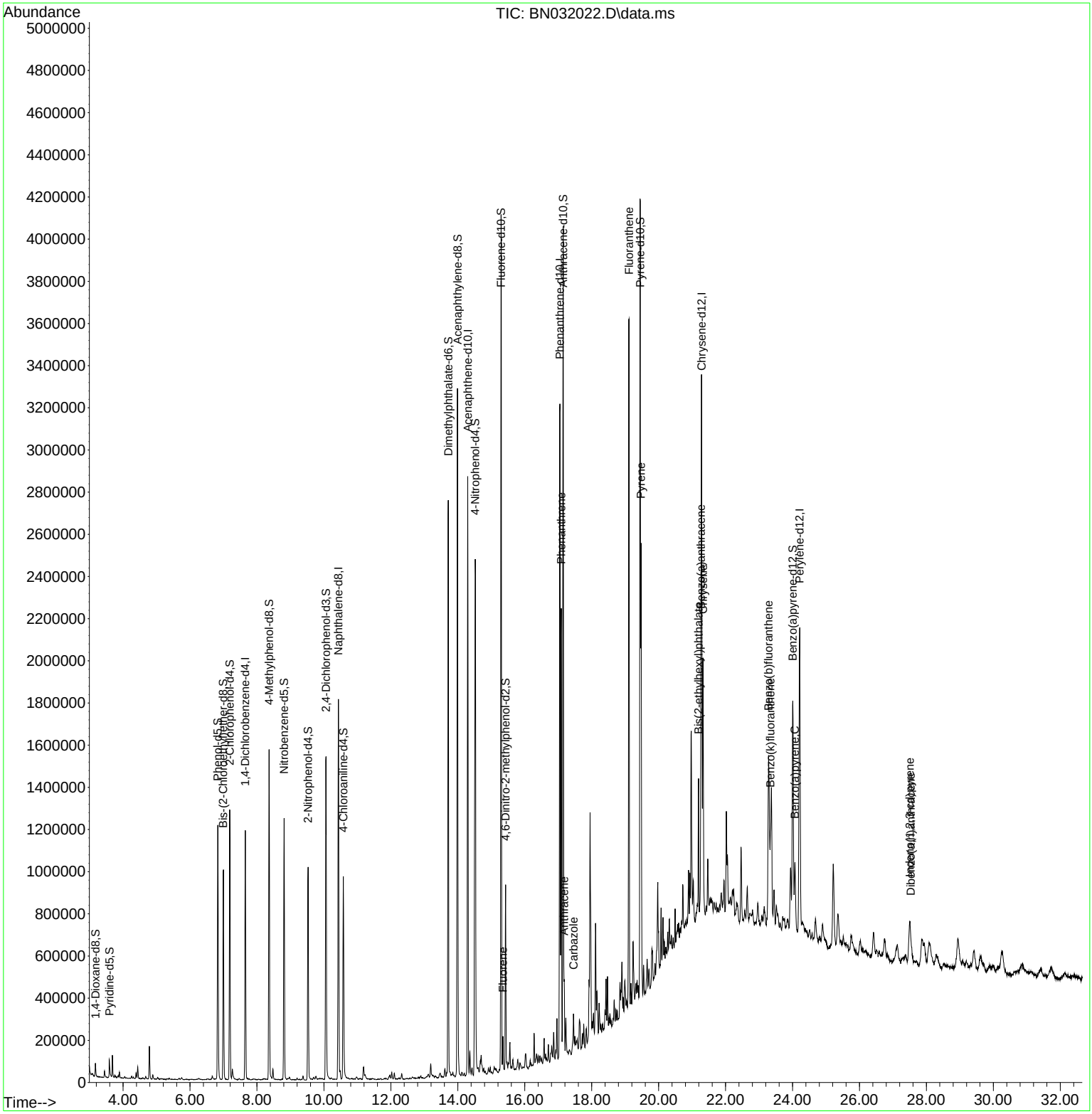
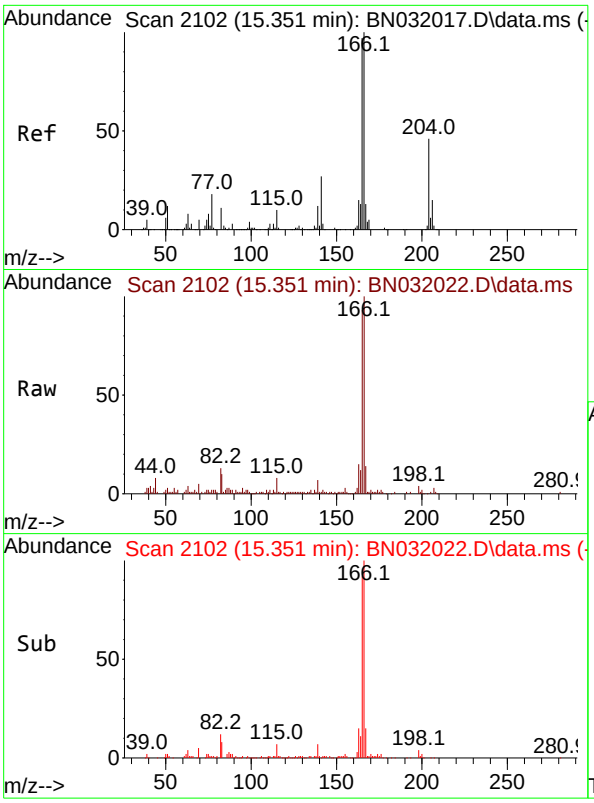
Quant Time: Jun 15 06:10:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration



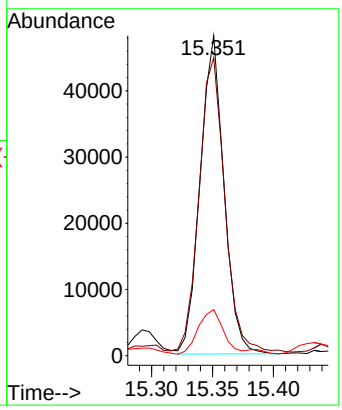


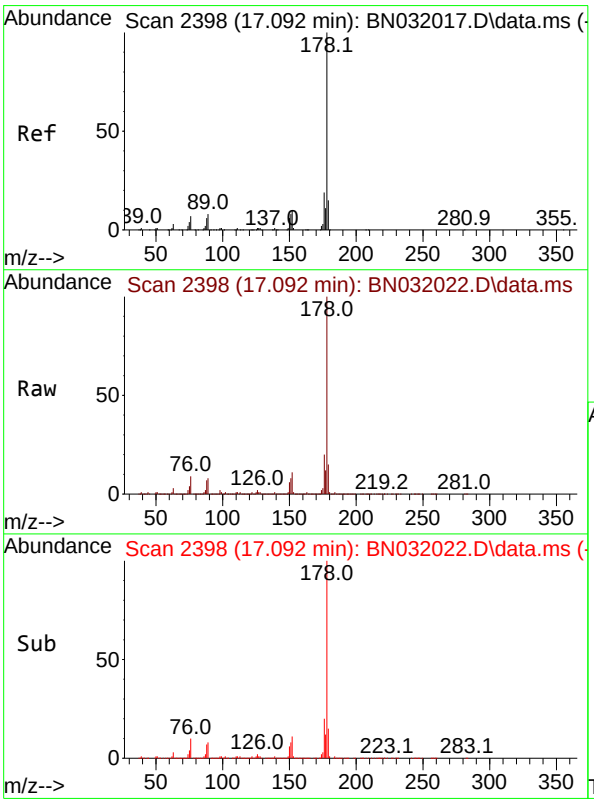
#61
Fluorene
Concen: 1.023 ng/ul
RT: 15.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:166 Resp: 65208

Ion	Ratio	Lower	Upper
166	100		
165	93.1	80.3	120.5
167	14.4	11.3	16.9

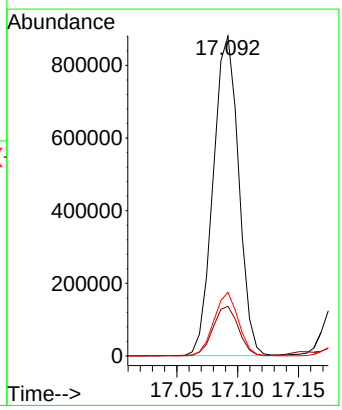


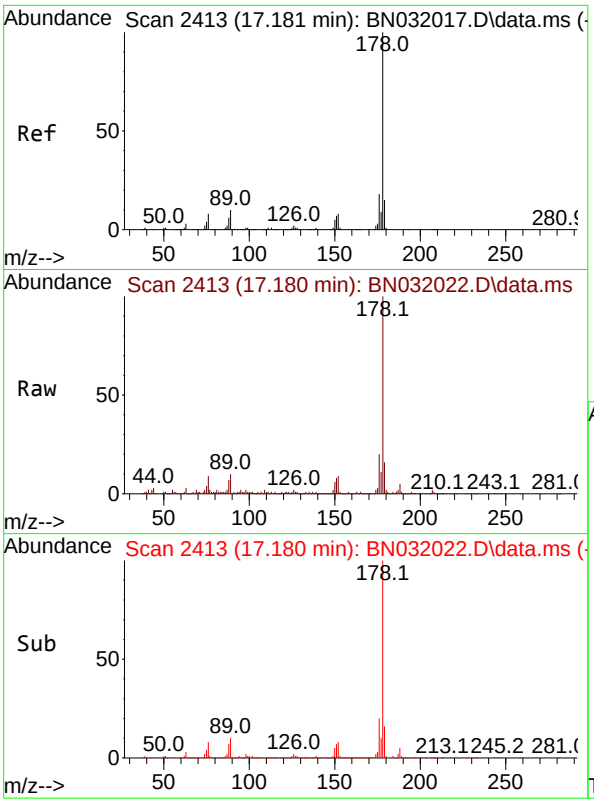


#72
Phenanthrene
Concen: 13.354 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:178 Resp: 1280020

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.9	15.8	23.6



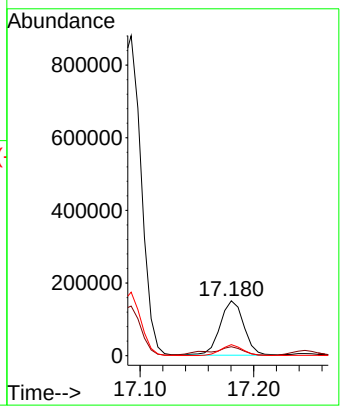


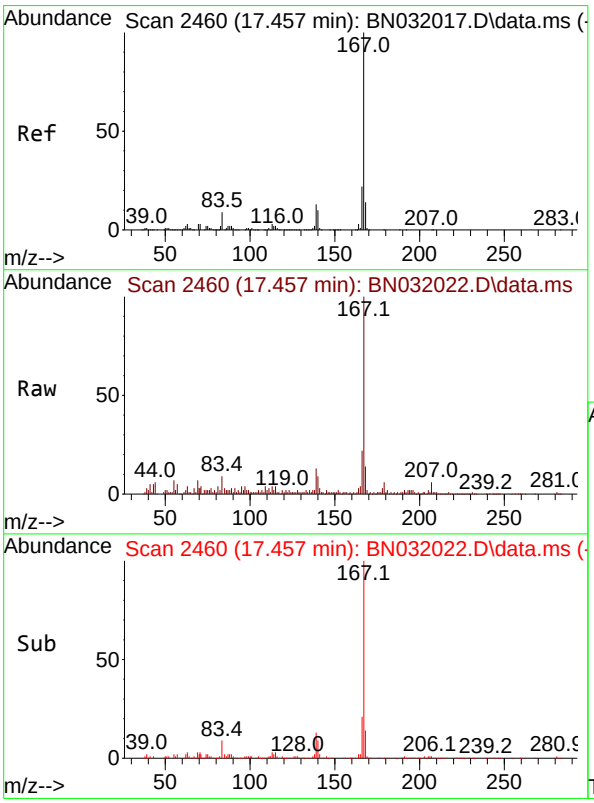
#74
Anthracene
Concen: 2.251 ng/ul
RT: 17.180 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:178 Resp: 218656

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.6
176	20.1	14.8	22.2

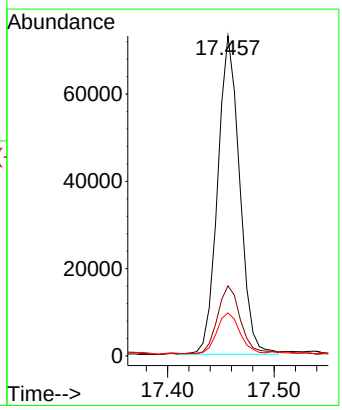


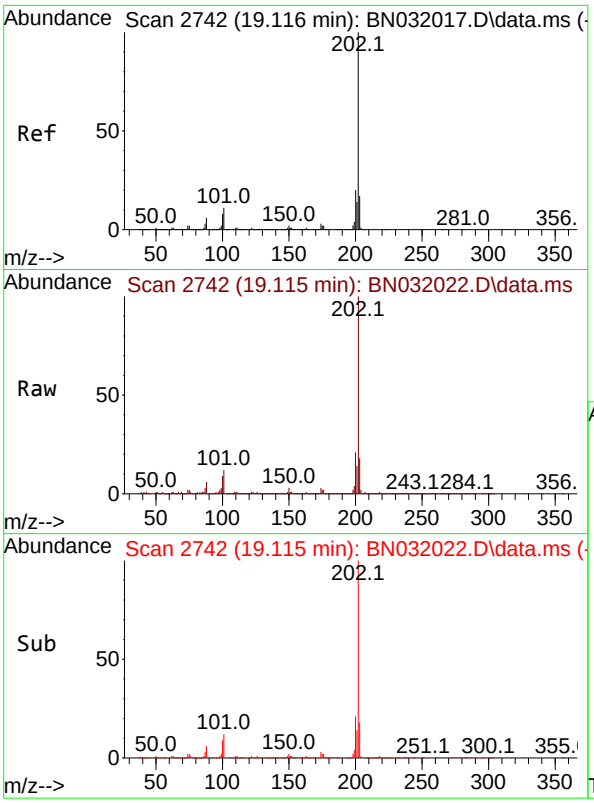


#77
Carbazole
Concen: 1.259 ng/ul
RT: 17.457 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:167 Resp: 104233

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.4	10.5	15.7



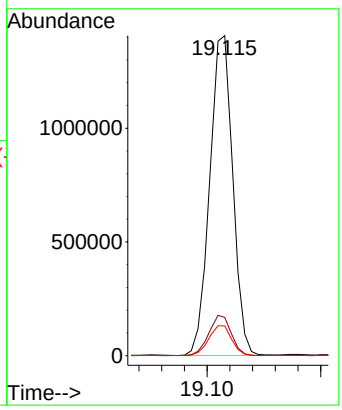


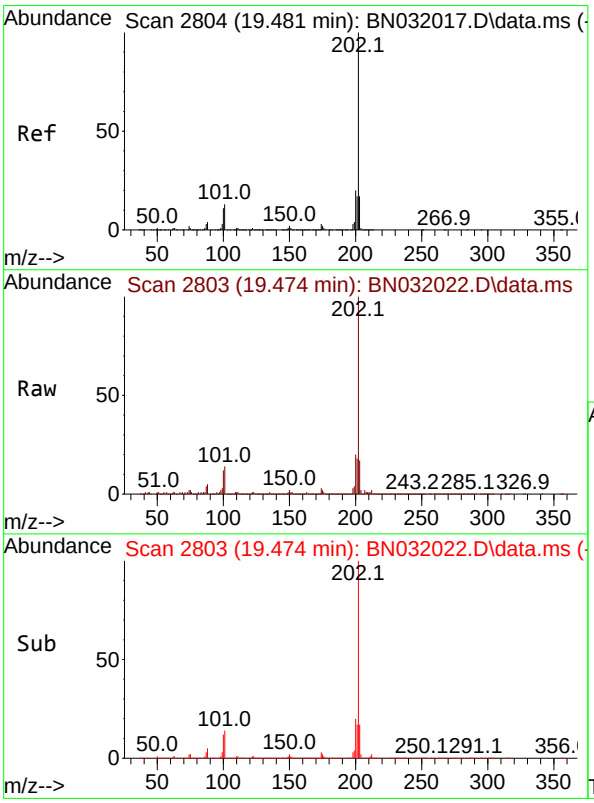
#80
Fluoranthene
Concen: 28.682 ng/ul
RT: 19.115 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:202 Resp: 1982283

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.3	15.5
100	9.3	8.0	12.0

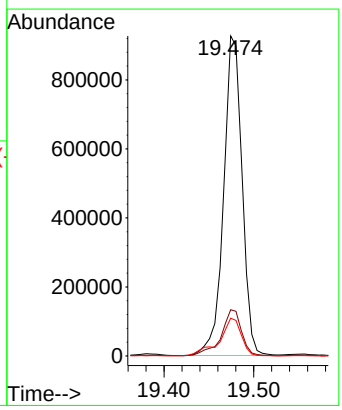


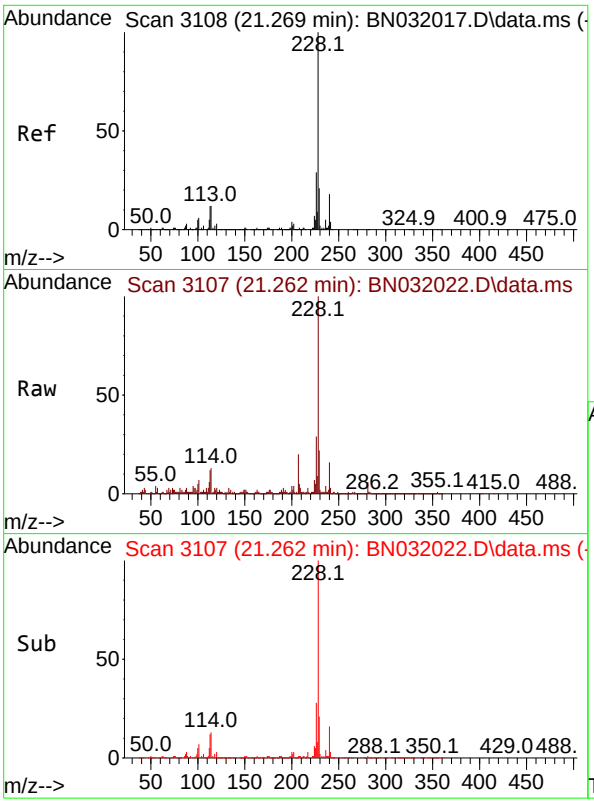


#82
Pyrene
Concen: 18.678 ng/ul
RT: 19.474 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:202 Resp: 1324462

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.6	18.8
100	11.8	10.2	15.2



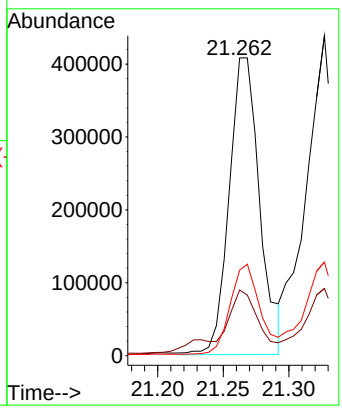


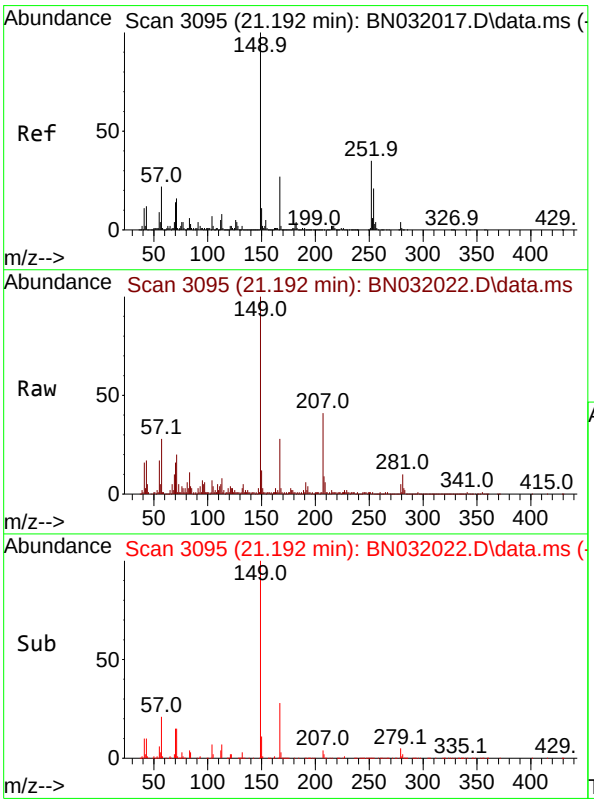
#85
Benzo(a)anthracene
Concen: 9.149 ng/ul
RT: 21.262 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:228 Resp: 661781

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.7	25.1
226	28.7	22.8	34.2

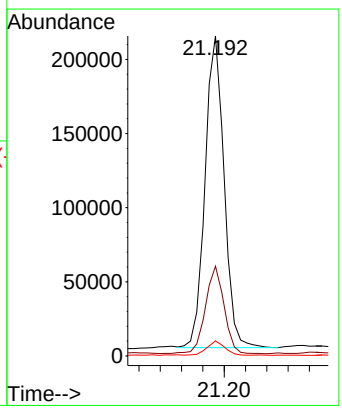


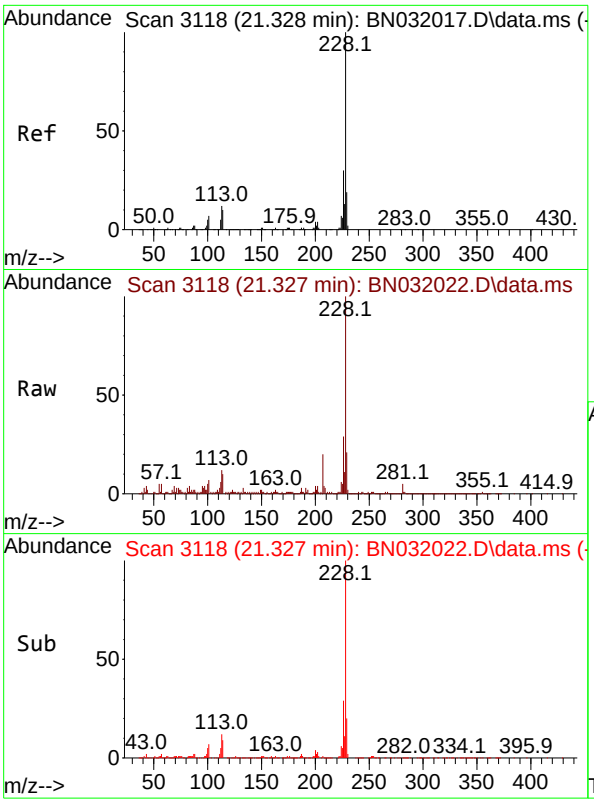


#86
Bis(2-ethylhexyl)phthalate
Concen: 5.331 ng/ul
RT: 21.192 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:149 Resp: 260251

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.4	32.0
279	4.7	3.3	4.9



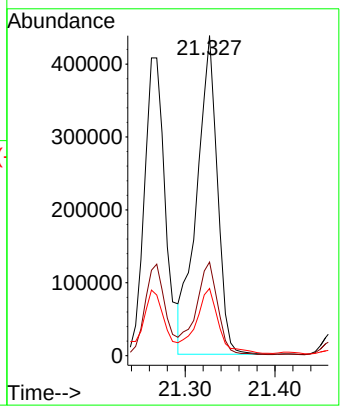


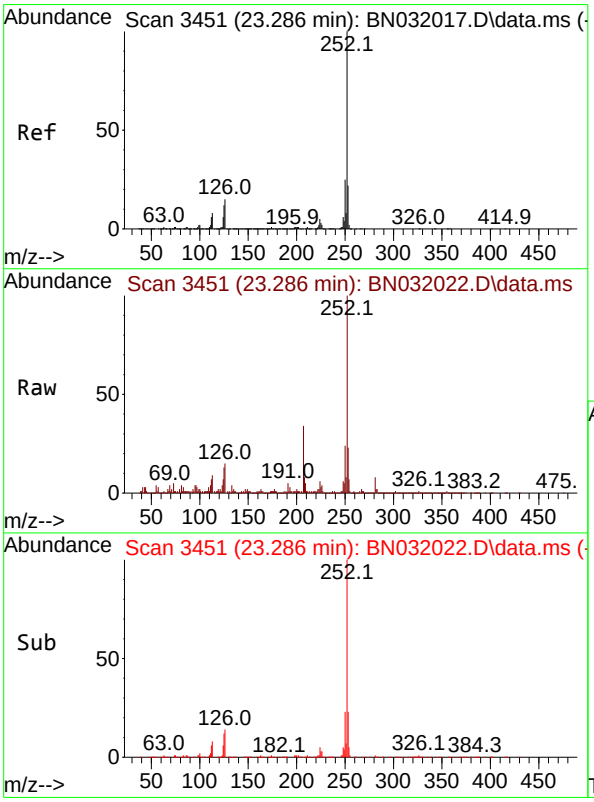
#87
Chrysene
Concen: 10.348 ng/ul
RT: 21.327 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:228 Resp: 699186

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	21.0	15.1	22.7

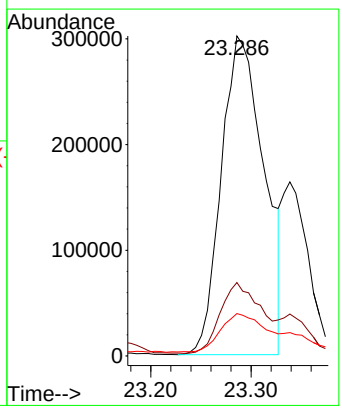


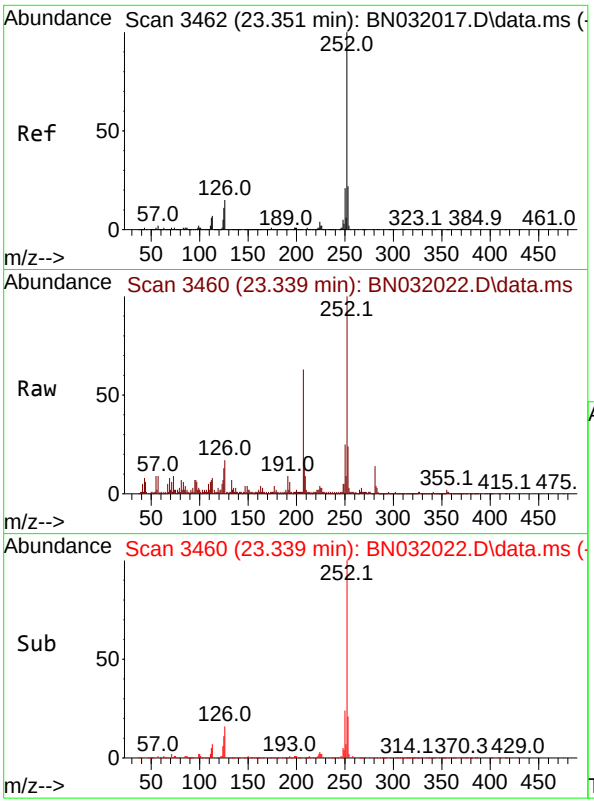


#90
Benzo(b)fluoranthene
Concen: 12.711 ng/ul
RT: 23.286 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:252 Resp: 891958

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.3	9.2	13.8



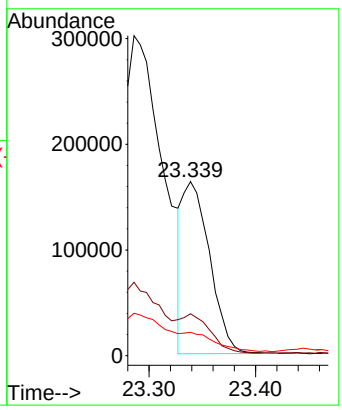


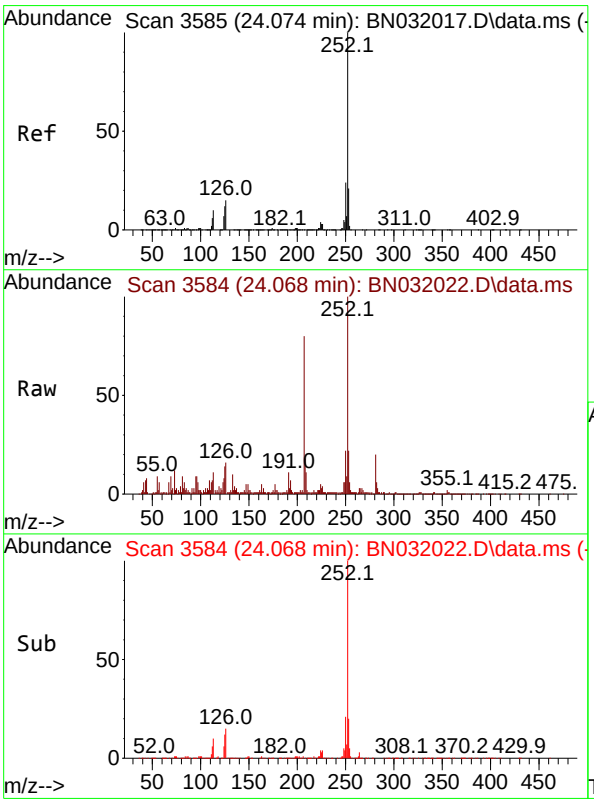
#91
Benzo(k)fluoranthene
Concen: 4.176 ng/ul
RT: 23.339 min Scan# 34
Delta R.T. -0.012 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:252 Resp: 287559

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	13.4	9.4	14.2

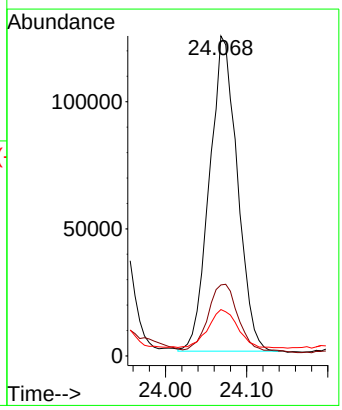


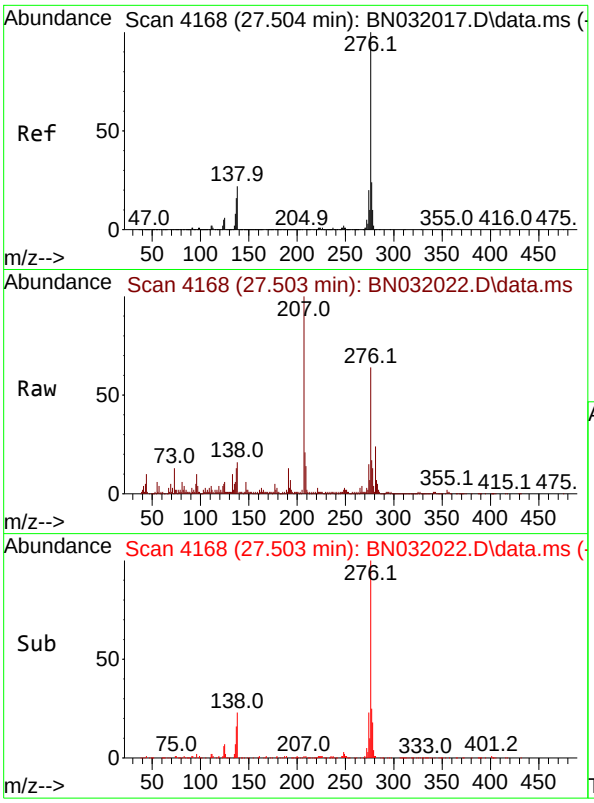


#93
Benzo(a)pyrene
Concen: 4.494 ng/ul
RT: 24.068 min Scan# 3584
Delta R.T. -0.012 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:252 Resp: 295339

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.6	24.8
125	14.5	9.8	14.8



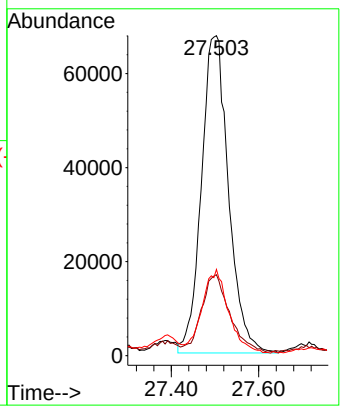


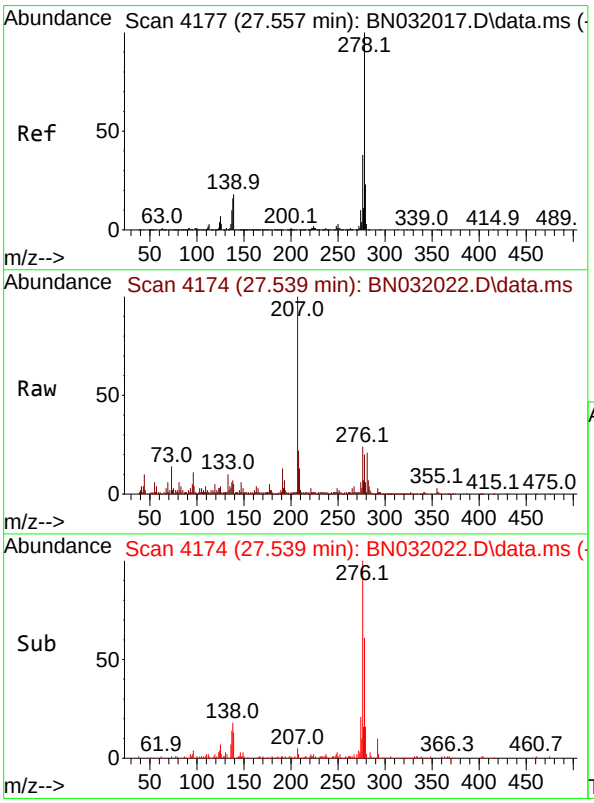
#94
Indeno(1,2,3-cd)pyrene
Concen: 3.841 ng/ul
RT: 27.503 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Instrument :
BNA_N
ClientSampleId :
A4B90

Tgt Ion:276 Resp: 290913

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.1	27.1
277	26.9	18.2	27.2





#95
Dibenzo(a,h)anthracene
Concen: 1.735 ng/ul
RT: 27.539 min Scan# 4174
Delta R.T. -0.041 min
Lab File: BN032022.D
Acq: 15 Jun 2024 05:40

Tgt Ion:278 Resp: 107267

Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.0	22.6
279	28.1	17.4	26.0#