Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032631.D
Acq On : 11 Jul 2024 12:17
Operator : MA/JU
Sample : SSTD3.212
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Quant Time: Jul 12 01:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:27:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	4414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	14638	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	9444	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.965	188	19565	0.400	ng/ul	-0.03
17) Chrysene-d12	21.179	240	15266	0.400	ng/ul	-0.01
23) Perylene-d12	23.389	264	13217	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	15970	2.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	73280	3.491	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212	164254	3.515	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.139	88	17776	2.669	ng/ul#	89
5) Naphthalene	10.382	128	124320	3.291	ng/ul	96
7) 2-Methylnaphthalene	12.004	142	86358	3.564	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	89042	3.459	ng/ul	99
10) Acenaphthylene	13.925	152	133102	3.489	ng/ul	98
11) Acenaphthene	14.267	153	99390	3.150	ng/ul	99
12) Fluorene	15.266	166	117039	3.245	ng/ul	98
14) Pentachlorophenol	16.636	266	13693	3.989	ng/ul	99
15) Phenanthrene	17.008	178	181296	3.402	ng/ul	98
16) Anthracene	17.105	178	167430	3.846	ng/ul	97
19) Fluoranthene	19.036	202	208042	3.563	ng/ul	99
20) Pyrene	19.408	202	210615	3.422	ng/ul	97
21) Benzo(a)anthracene	21.165	228	176990	3.642	ng/ul	99
22) Chrysene	21.217	228	191203	2.965	ng/ul	100
24) Benzo(b)fluoranthene	22.719	252	167778	3.598	ng/ul	89
25) Benzo(k)fluoranthene	22.763	252	178206	3.624	ng/ul#	89
26) Benzo(a)pyrene	23.292	252	135058	3.347	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.589	276	174627	3.196	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.603	278	135562	3.200	ng/ul	92
29) Benzo(g,h,i)perylene	26.270	276	137215	3.004	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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Instrument :
BNA_N
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SSTD3.2242

Quant Time: Jul 12 01:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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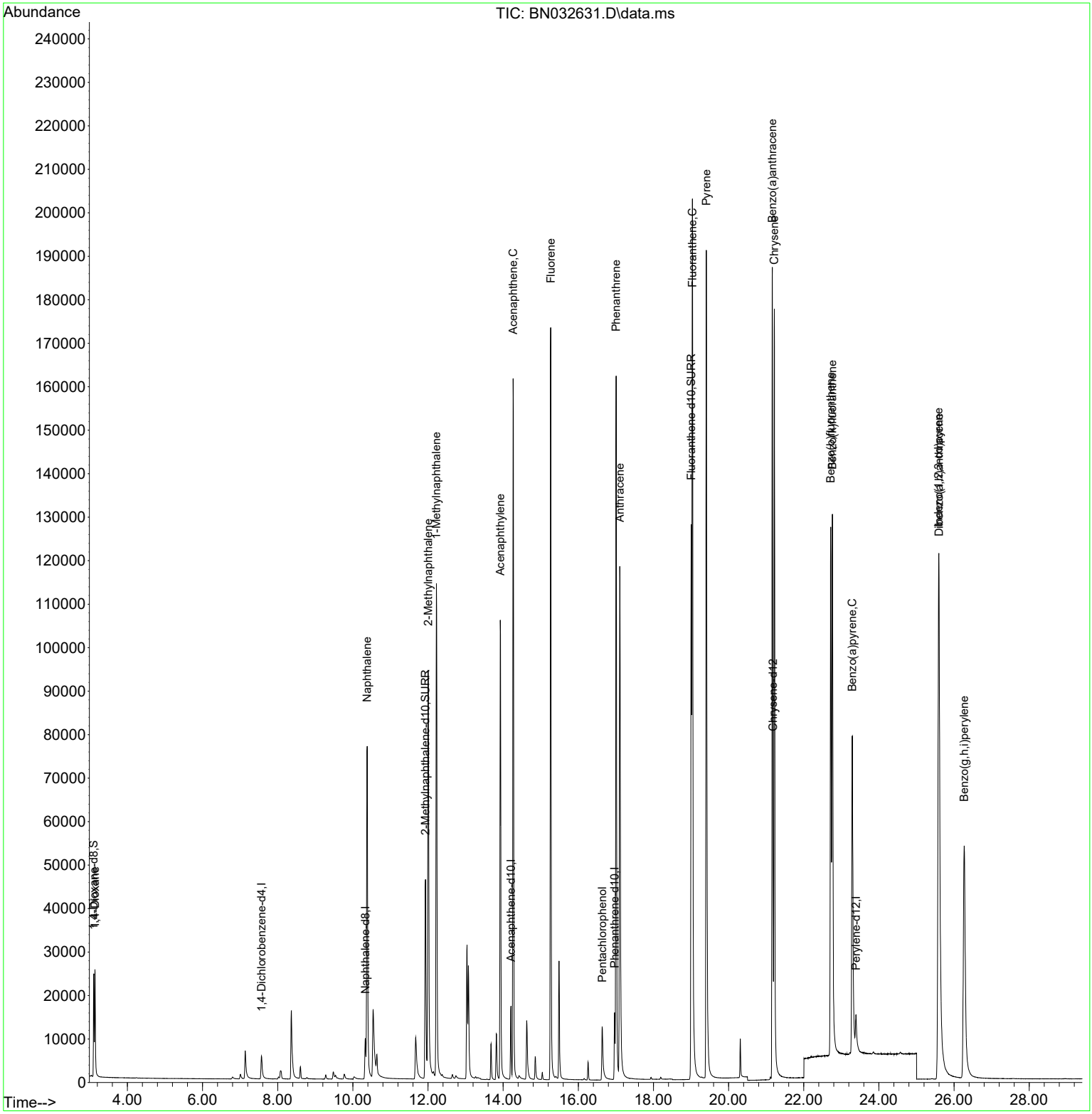
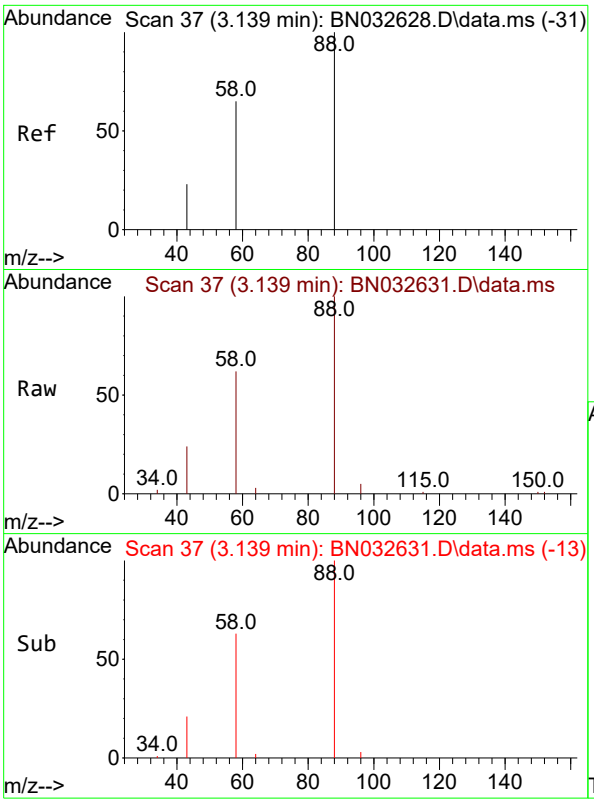


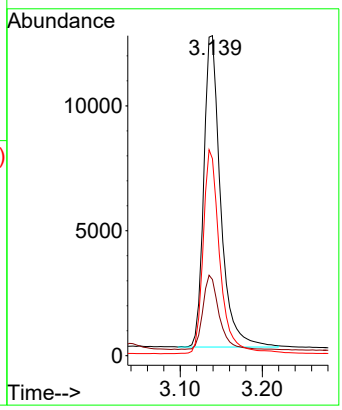


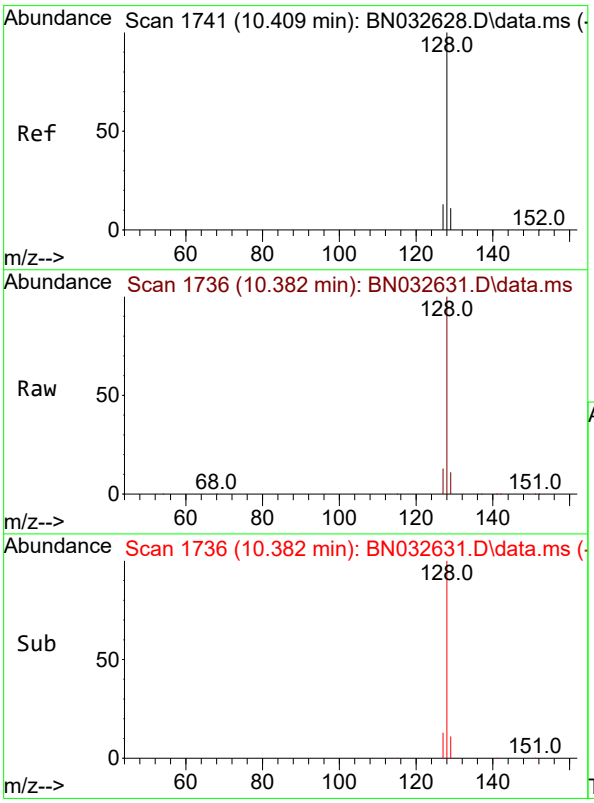
#2
1,4-Dioxane
Concen: 2.669 ng/ul
RT: 3.139 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion: 88 Resp: 17776

Ion	Ratio	Lower	Upper
88	100		
43	23.8	24.0	36.0#
58	61.5	43.3	64.9

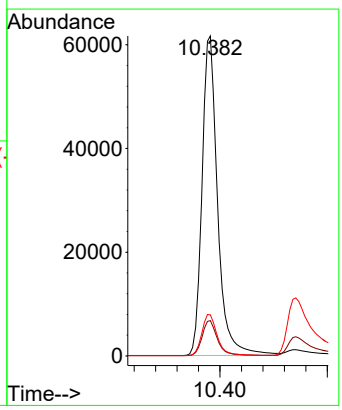


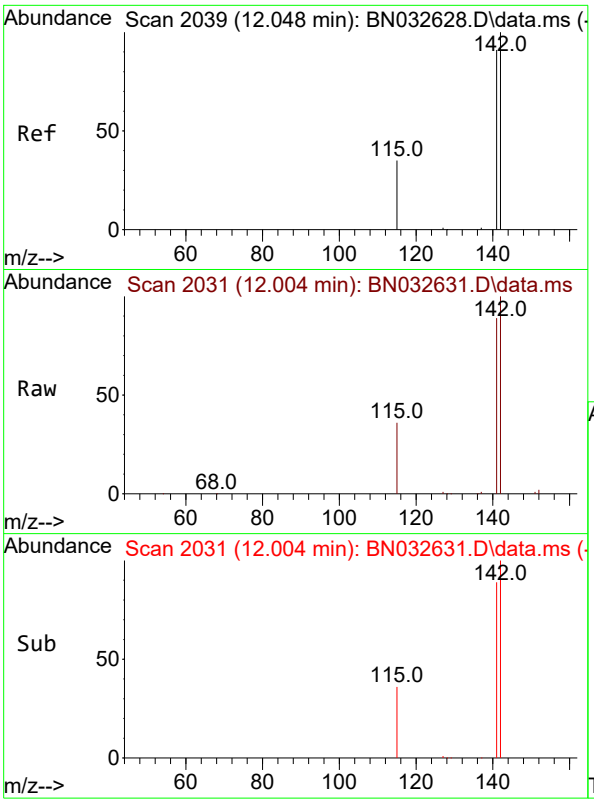


#5
Naphthalene
Concen: 3.291 ng/ul
RT: 10.382 min Scan# 1736
Delta R.T. -0.027 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:128 Resp: 124320

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	12.8	11.6	17.4



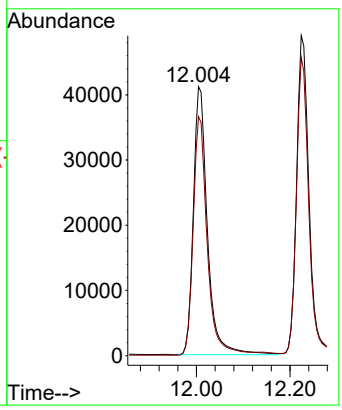


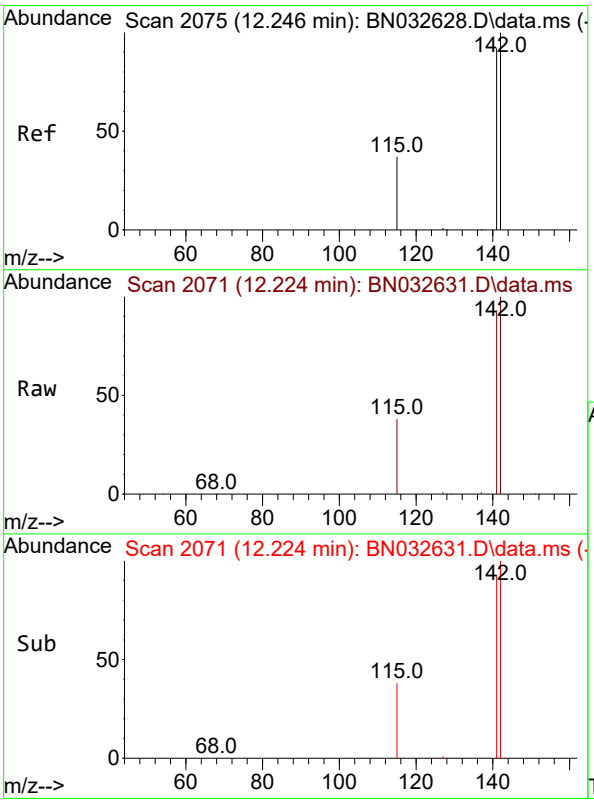
#7
2-Methylnaphthalene
Concen: 3.564 ng/ul
RT: 12.004 min Scan# 2
Delta R.T. -0.044 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:142 Resp: 86358

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.0	111.0

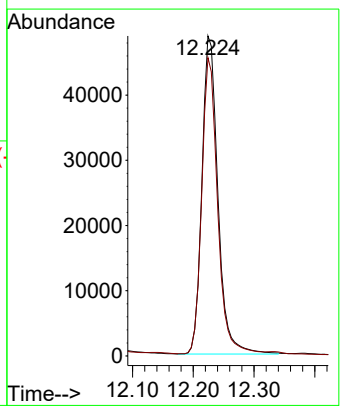


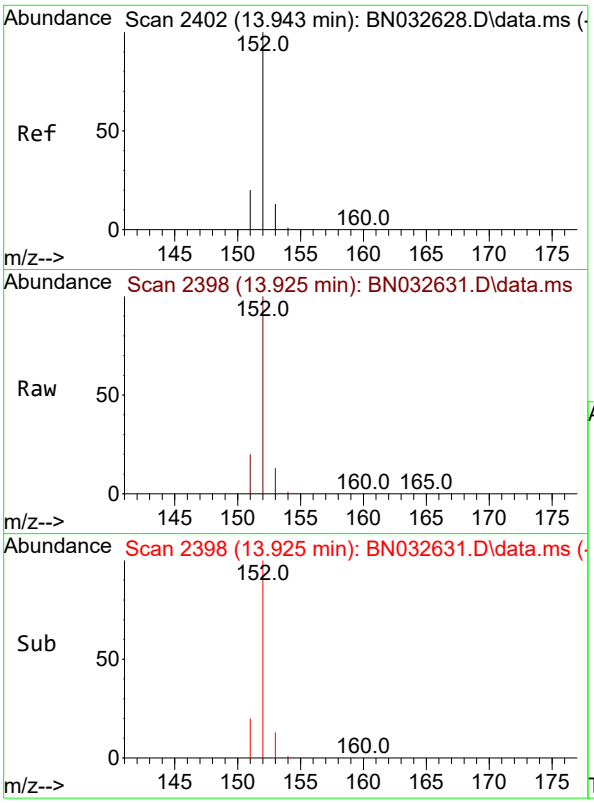


#8
1-Methylnaphthalene
Concen: 3.459 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:142 Resp: 89042

Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.0	112.4



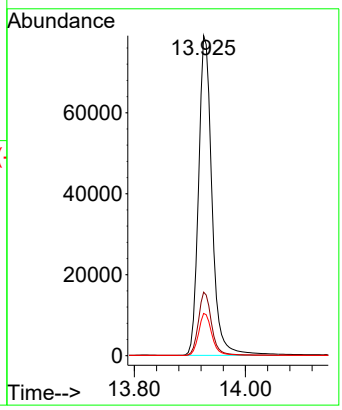


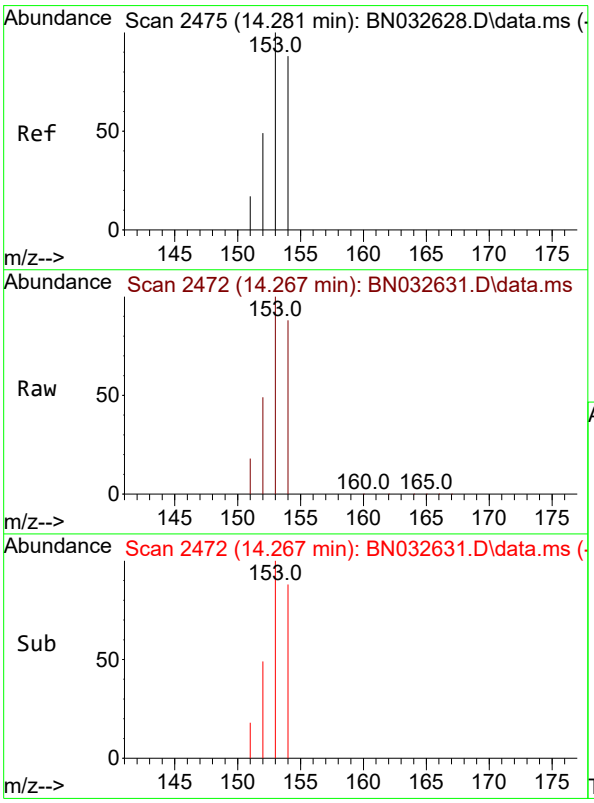
#10
Acenaphthylene
Concen: 3.489 ng/ul
RT: 13.925 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:152 Resp: 133102

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.2	11.3	16.9

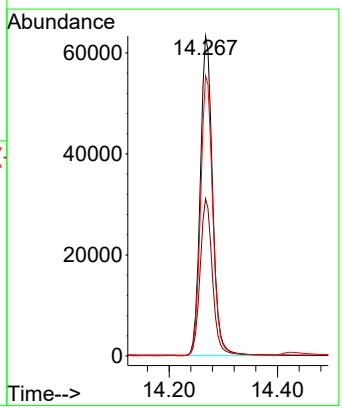


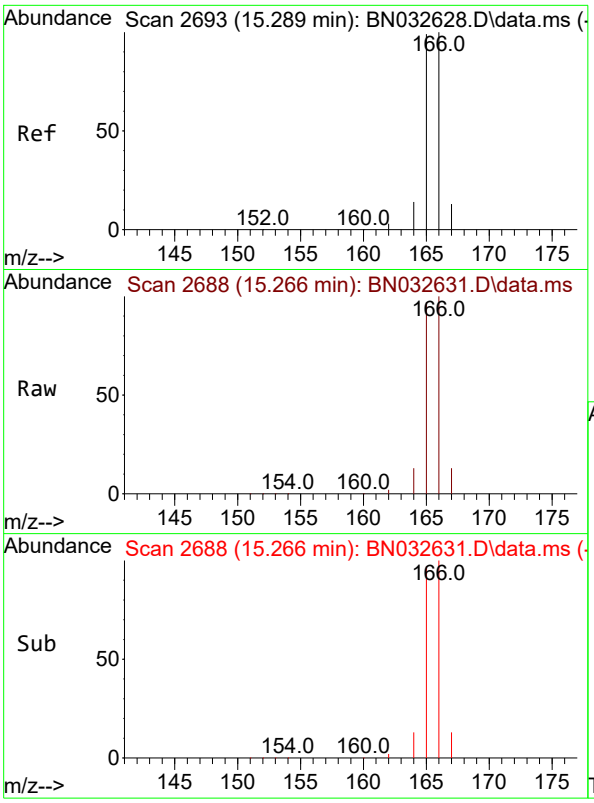


#11
Acenaphthene
Concen: 3.150 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:153 Resp: 99390

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.0	60.0
154	87.6	70.2	105.4



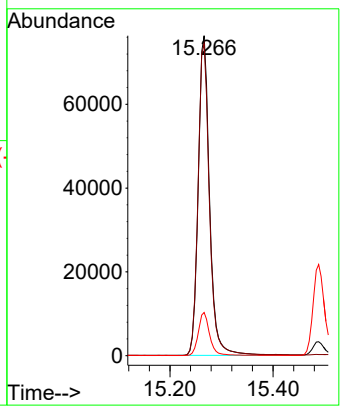


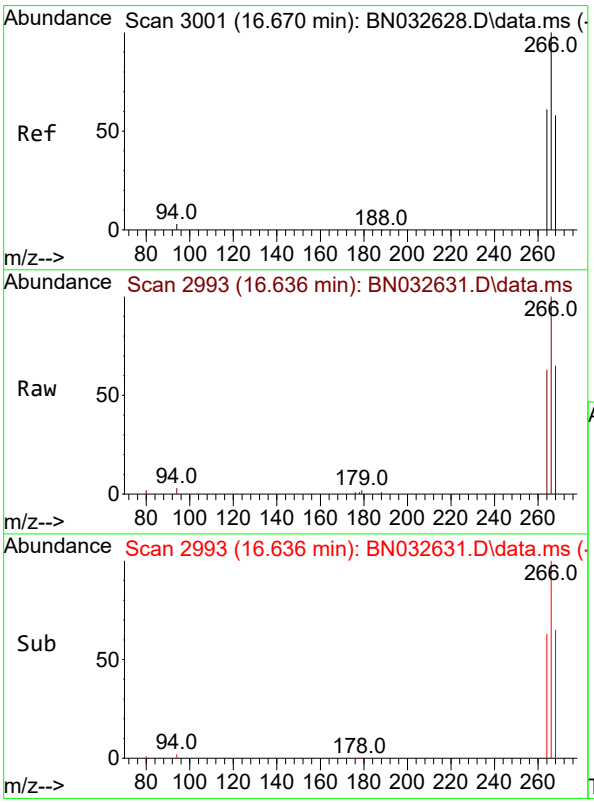
#12
Fluorene
Concen: 3.245 ng/ul
RT: 15.266 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:166 Resp: 117039

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.7	119.5
167	13.5	11.4	17.2

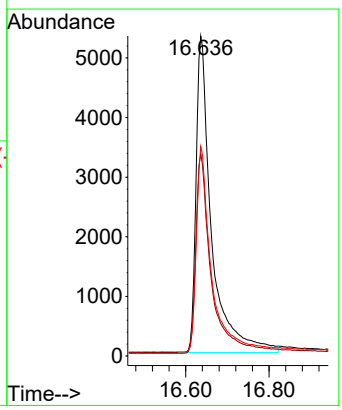


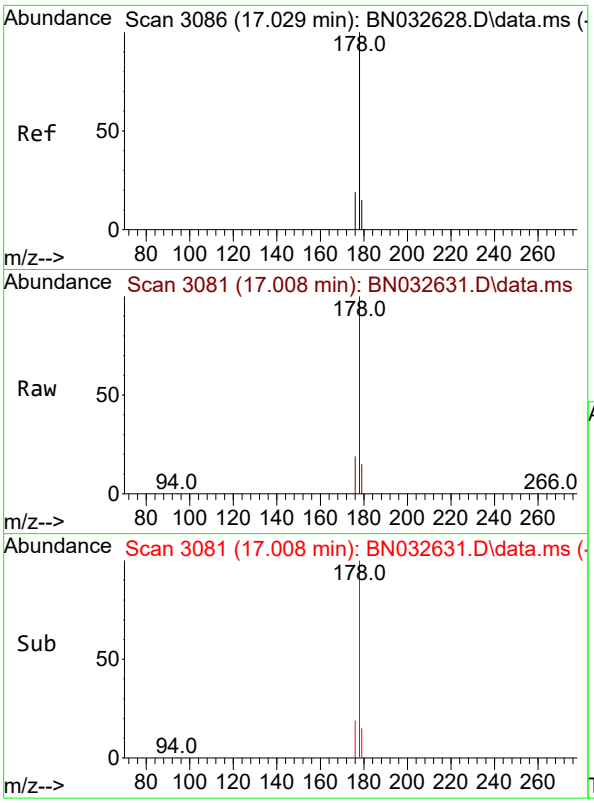


#14
Pentachlorophenol
Concen: 3.989 ng/ul
RT: 16.636 min Scan# 2993
Delta R.T. -0.034 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:266 Resp: 13693

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.4	74.2
268	64.1	51.6	77.4



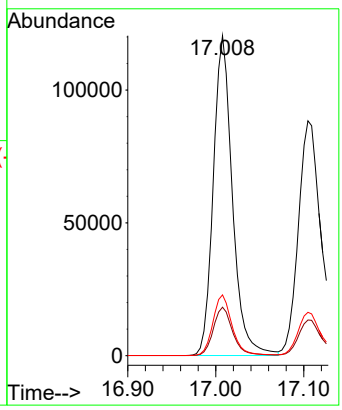


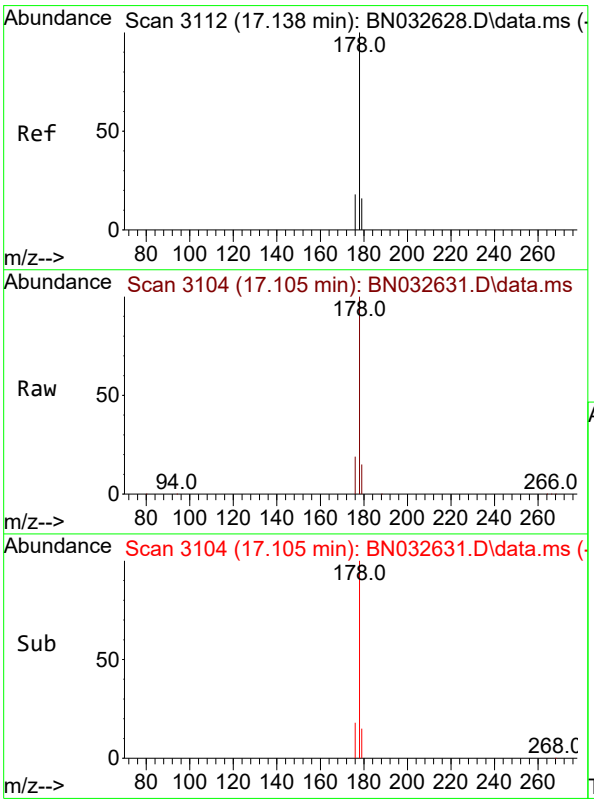
#15
Phenanthrene
Concen: 3.402 ng/ul
RT: 17.008 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:178 Resp: 181296

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.4
176	19.0	15.6	23.4

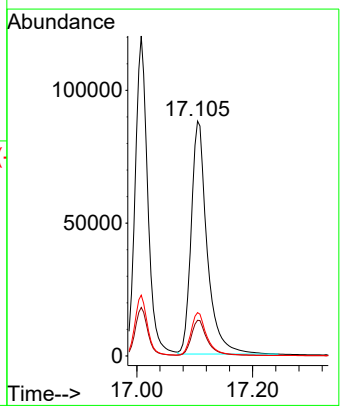


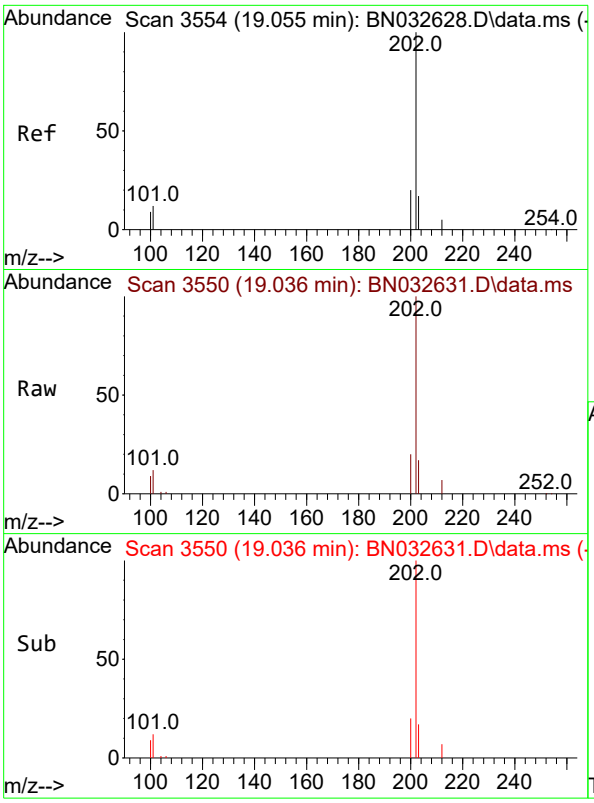


#16
Anthracene
Concen: 3.846 ng/ul
RT: 17.105 min Scan# 3104
Delta R.T. -0.034 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:178 Resp: 167430

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.4	20.2
176	18.5	15.4	23.0



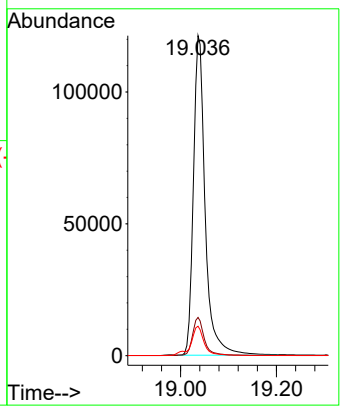


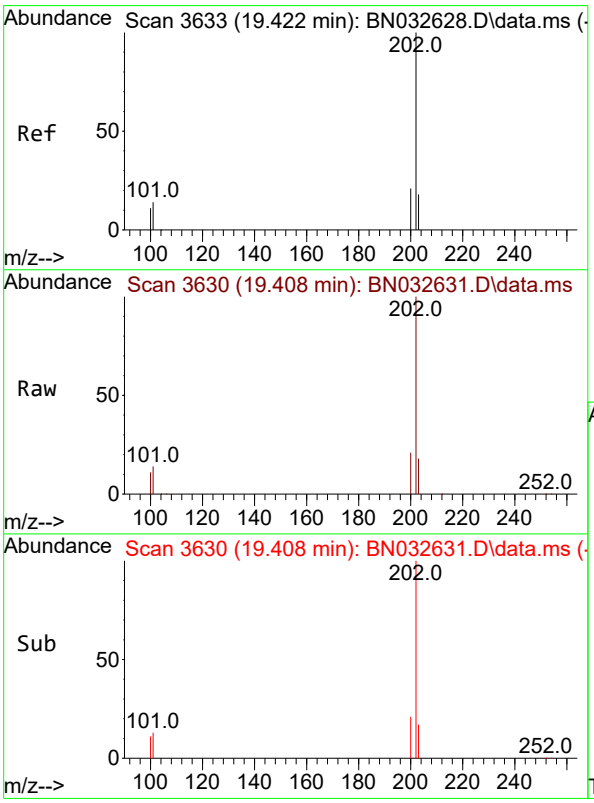
#19
Fluoranthene
Concen: 3.563 ng/ul
RT: 19.036 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:202 Resp: 208042

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	9.2	7.9	11.9

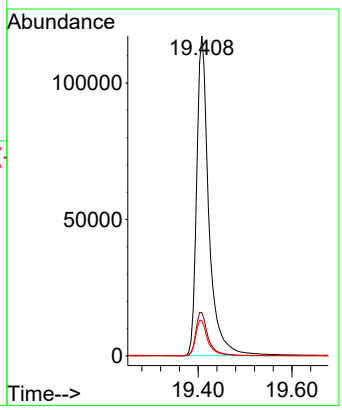


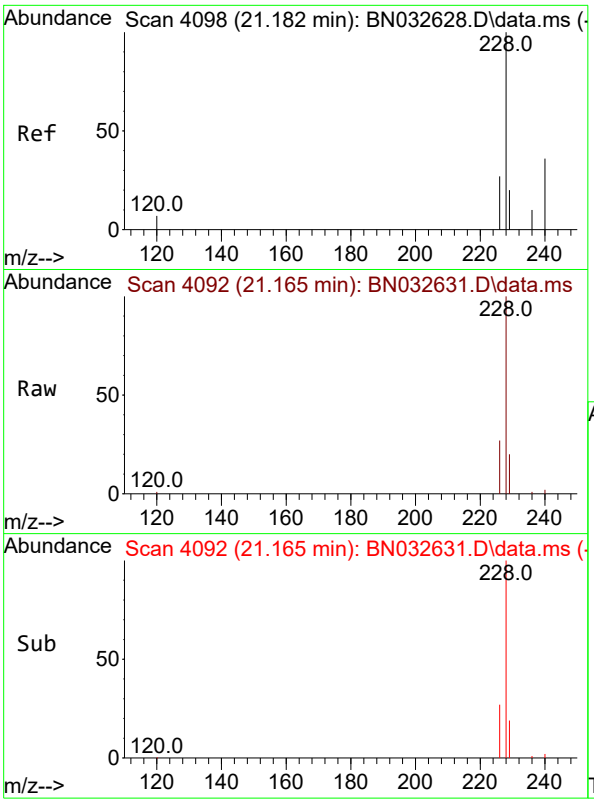


#20
Pyrene
Concen: 3.422 ng/ul
RT: 19.408 min Scan# 3630
Delta R.T. -0.014 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:202 Resp: 210615

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.8	17.6
100	11.0	9.6	14.4



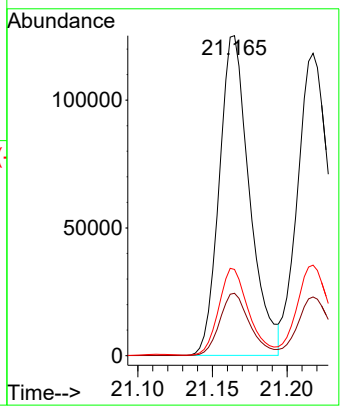


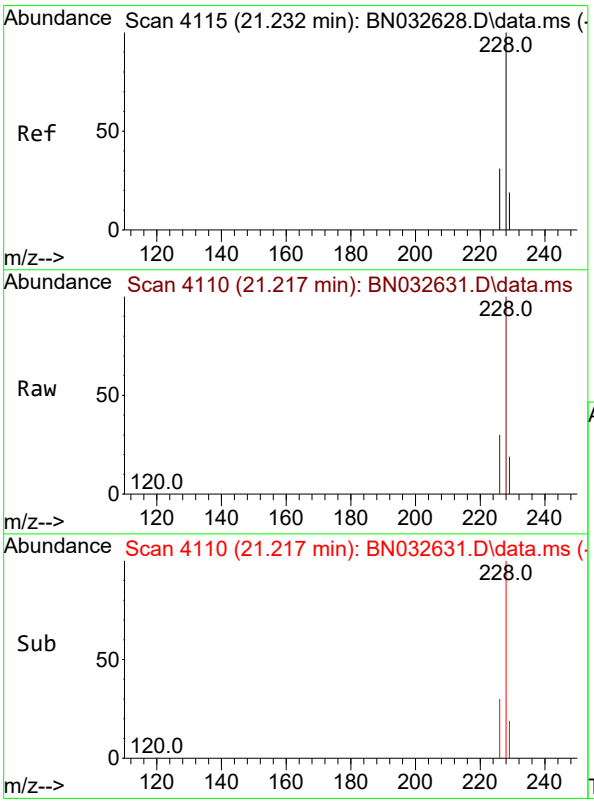
#21
Benzo(a)anthracene
Concen: 3.642 ng/ul
RT: 21.165 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:228 Resp: 176990

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.1	24.1
226	26.9	21.9	32.9

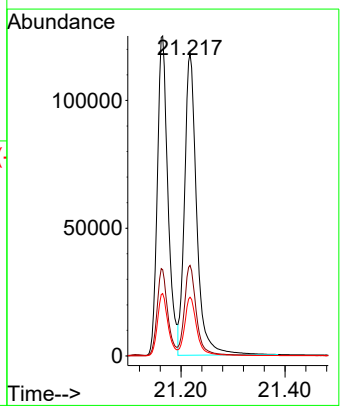


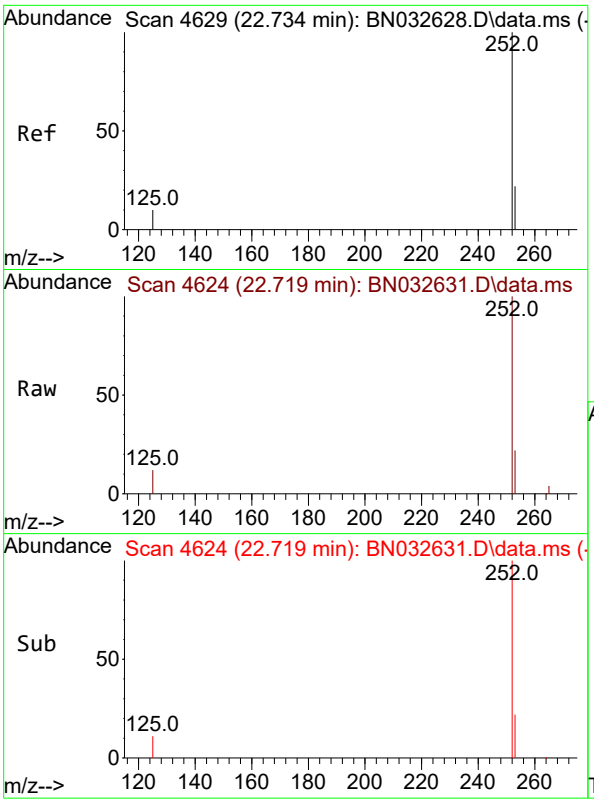


#22
Chrysene
Concen: 2.965 ng/ul
RT: 21.217 min Scan# 4110
Delta R.T. -0.014 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:228 Resp: 191203

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.4	15.8	23.6



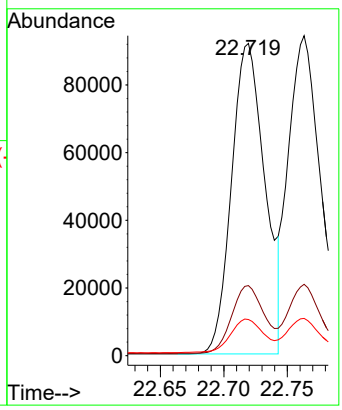


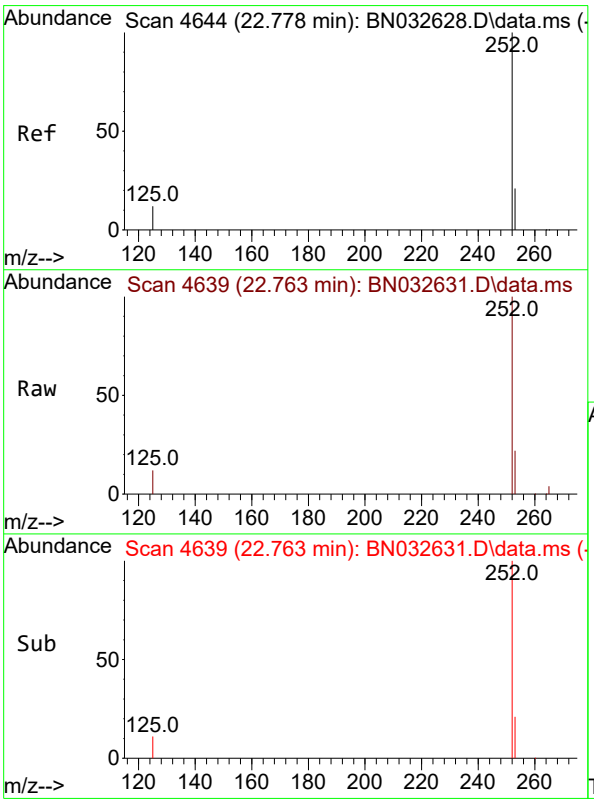
#24
Benzo(b)fluoranthene
Concen: 3.598 ng/ul
RT: 22.719 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:252 Resp: 167778

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	54.0
125	11.6	0.0	36.0

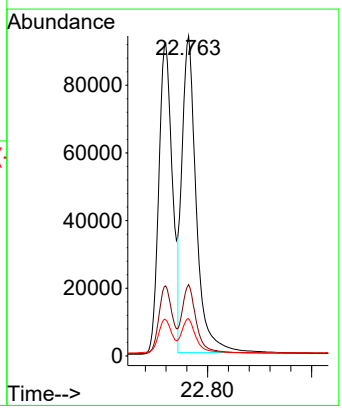


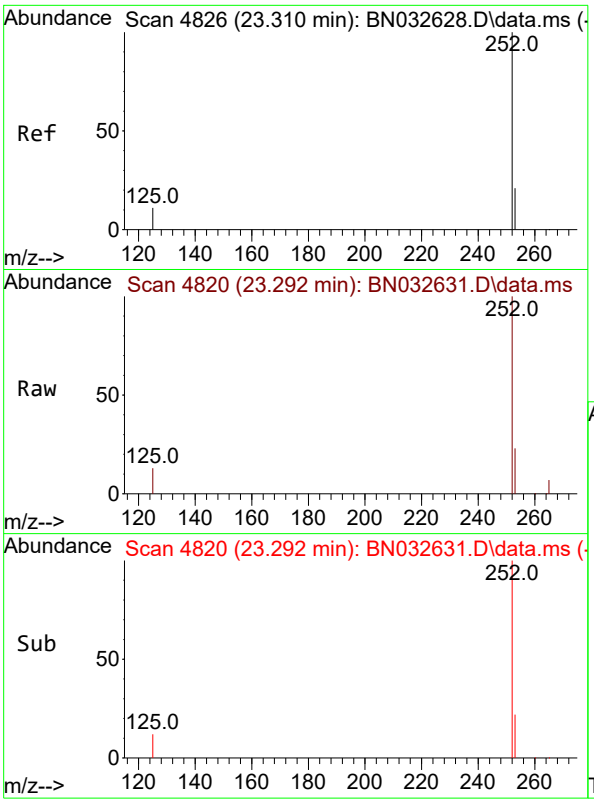


#25
Benzo(k)fluoranthene
Concen: 3.624 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. -0.014 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:252 Resp: 178206

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.2	31.8
125	11.6	14.8	22.2#



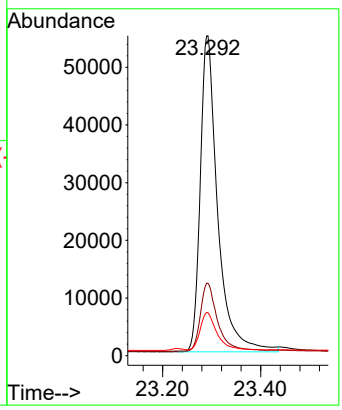


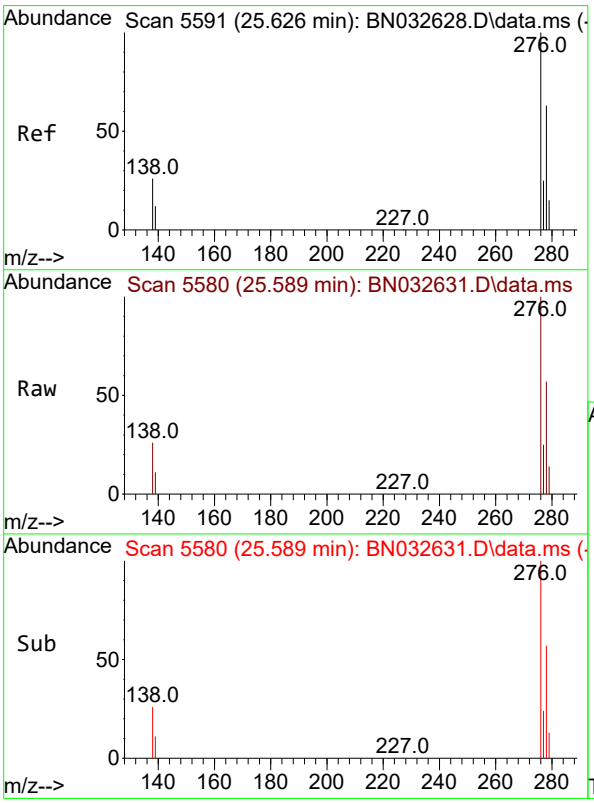
#26
Benzo(a)pyrene
Concen: 3.347 ng/ul
RT: 23.292 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:252 Resp: 135058

Ion	Ratio	Lower	Upper
252	100		
253	22.7	25.4	38.0#
125	13.4	20.6	30.8#

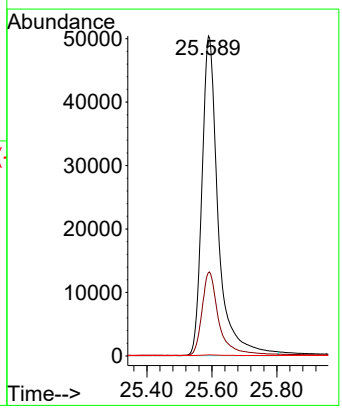


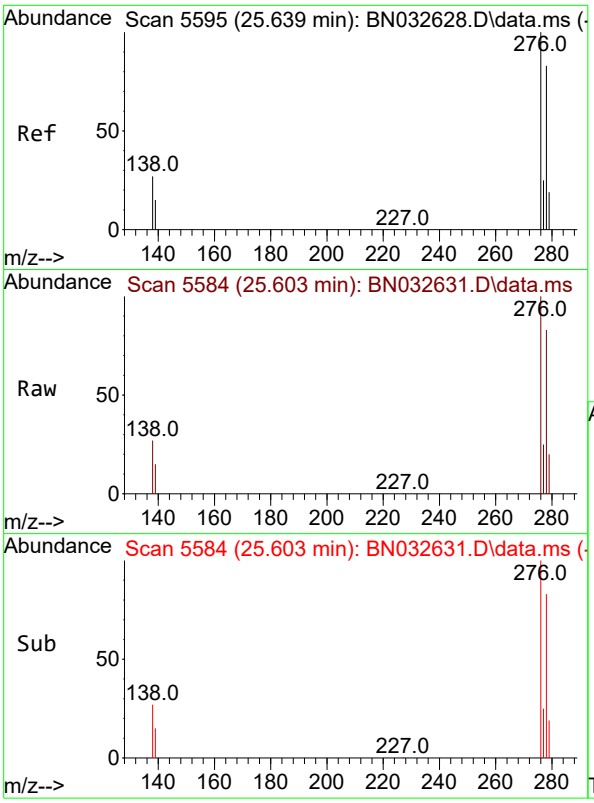


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.196 ng/ul
RT: 25.589 min Scan# 5580
Delta R.T. -0.037 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:276 Resp: 174627

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.6	32.4
227	0.2	0.0	0.0#



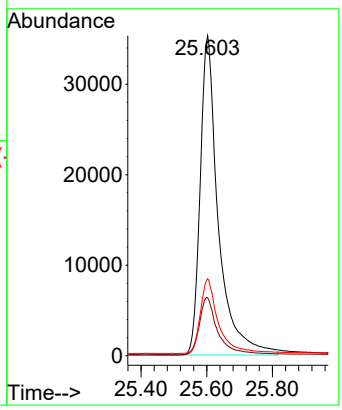


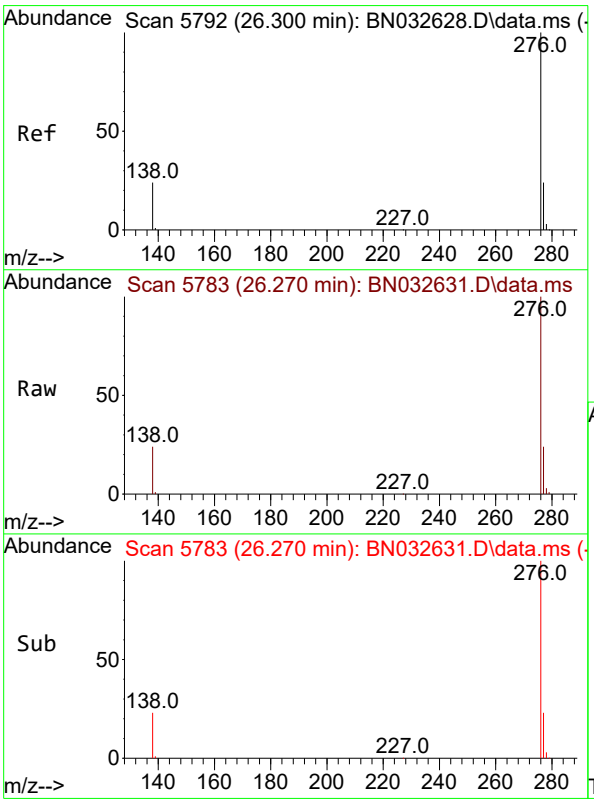
#28
Dibenzo(a,h)anthracene
Concen: 3.200 ng/ul
RT: 25.603 min Scan# 5
Delta R.T. -0.037 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:278 Resp: 135562

Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.6	24.8
279	24.1	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 3.004 ng/ul
RT: 26.270 min Scan# 5783
Delta R.T. -0.030 min
Lab File: BN032631.D
Acq: 11 Jul 2024 12:17

Tgt Ion:276 Resp: 137215

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.0	31.4
277	23.7	20.6	31.0