Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
Data File : BN018333.D
Acq On : 04 Jan 2022 13:07
Operator : CG/JU
Sample : SSTD3.220
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Quant Time: Jan 04 13:38:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 12:28:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	6041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.377	136	20786	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.240	164	14772	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	34803	0.400	ng/ul	0.00
17) Chrysene-d12	21.180	240	39417	0.400	ng/ul	0.00
23) Perylene-d12	23.398	264	32722	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	15628	2.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.978	152	99052	2.742	ng/ul	0.00
18) Fluoranthene-d10	19.018	212	331937	2.841	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	18272	2.912	ng/ul#	73
5) Naphthalene	10.427	128	172416	2.796	ng/ul	98
7) 2-Methylnaphthalene	12.049	142	126206	2.797	ng/ul	100
8) 1-Methylnaphthalene	12.269	142	125739	2.765	ng/ul	100
10) Acenaphthylene	13.958	152	187706	2.942	ng/ul	99
11) Acenaphthene	14.300	153	151865	2.953	ng/ul	99
12) Fluorene	15.290	166	192348	3.031	ng/ul	99
14) Pentachlorophenol	16.645	266	30947	2.246	ng/ul	99
15) Phenanthrene	17.025	178	339008	2.944	ng/ul	100
16) Anthracene	17.118	178	309615	2.991	ng/ul	99
19) Fluoranthene	19.046	202	449094	2.865	ng/ul	100
20) Pyrene	19.408	202	451249	2.755	ng/ul	100
21) Benzo(a)anthracene	21.162	228	440045	2.928	ng/ul	100
22) Chrysene	21.215	228	451461	2.767	ng/ul	100
24) Benzo(b)fluoranthene	22.729	252	456380	3.333	ng/ul	97
25) Benzo(k)fluoranthene	22.772	252	486576	3.116	ng/ul	97
26) Benzo(a)pyrene	23.299	252	403399	3.106	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.647	276	514962	3.116	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.664	278	401778	3.148	ng/ul	98
29) Benzo(g,h,i)perylene	26.334	276	448294	3.186	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
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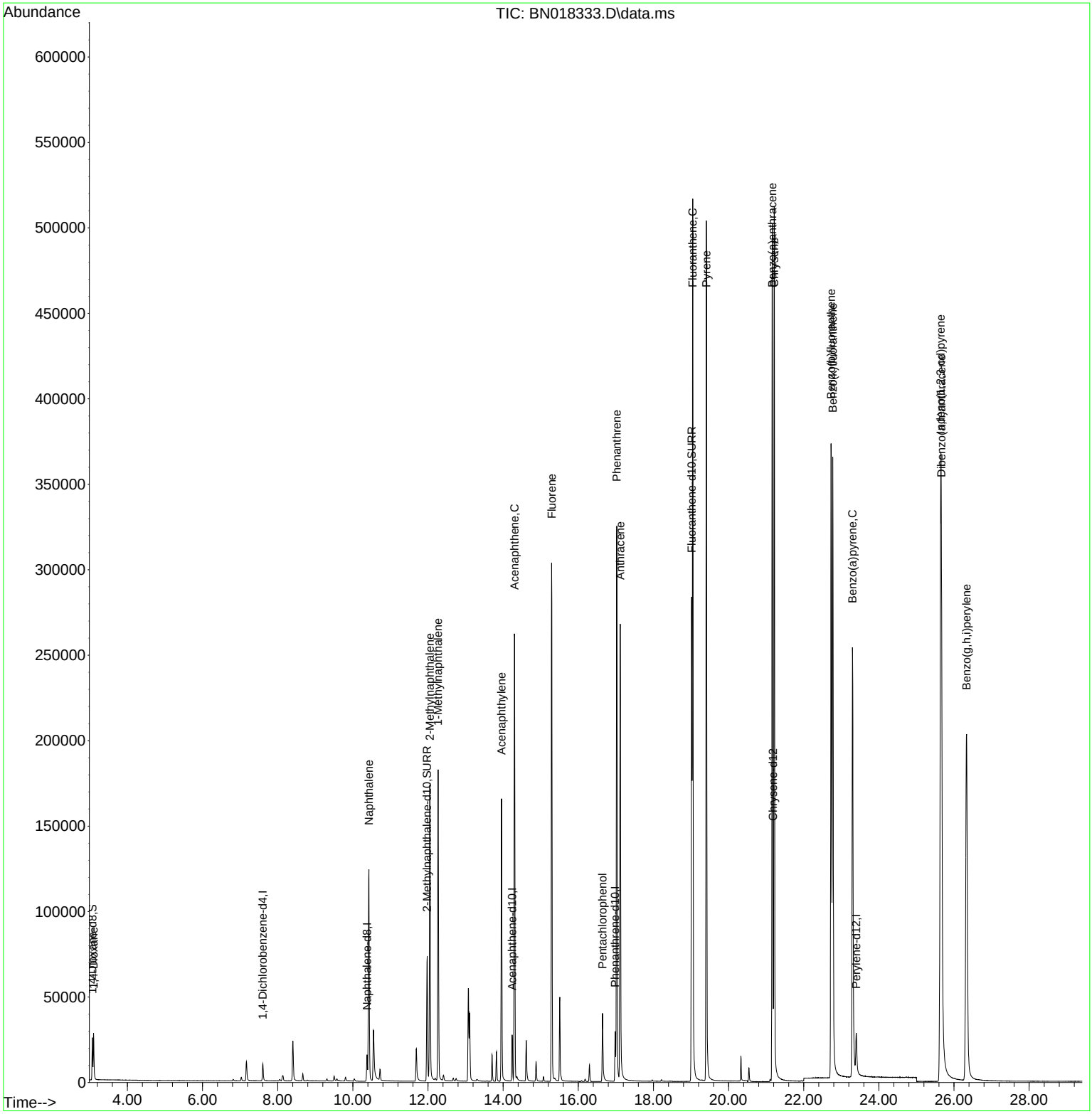
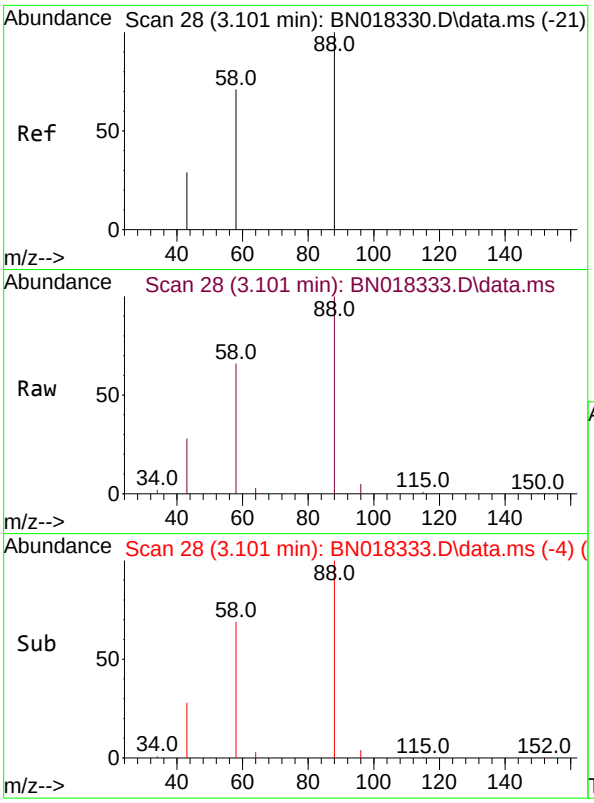


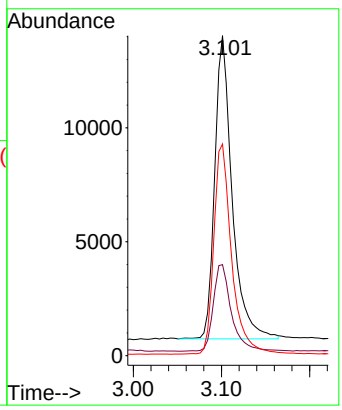


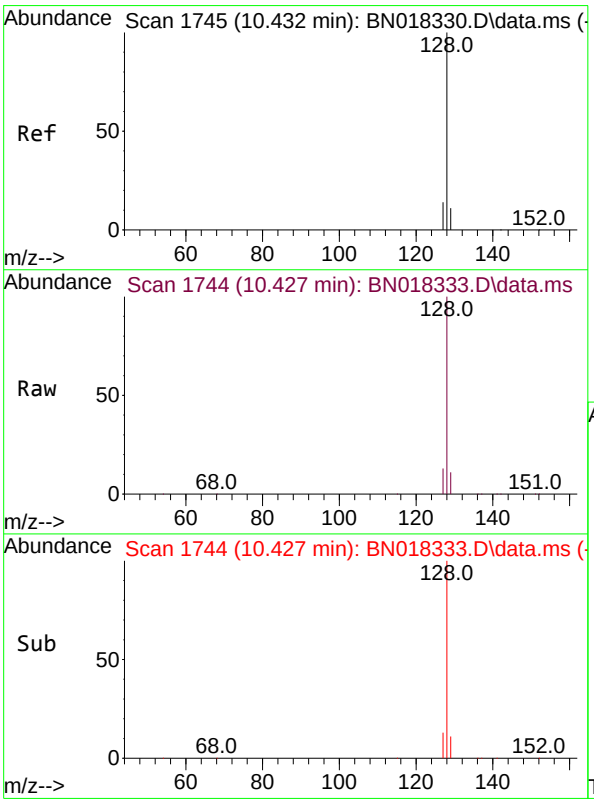
#2
1,4-Dioxane
Concen: 2.912 ng/ul
RT: 3.101 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion: 88 Resp: 18272

Ion	Ratio	Lower	Upper
88	100		
43	28.4	47.8	71.8#
58	66.2	46.2	69.2

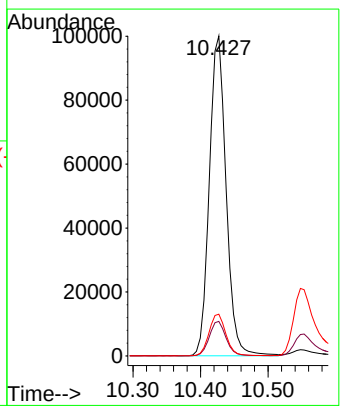


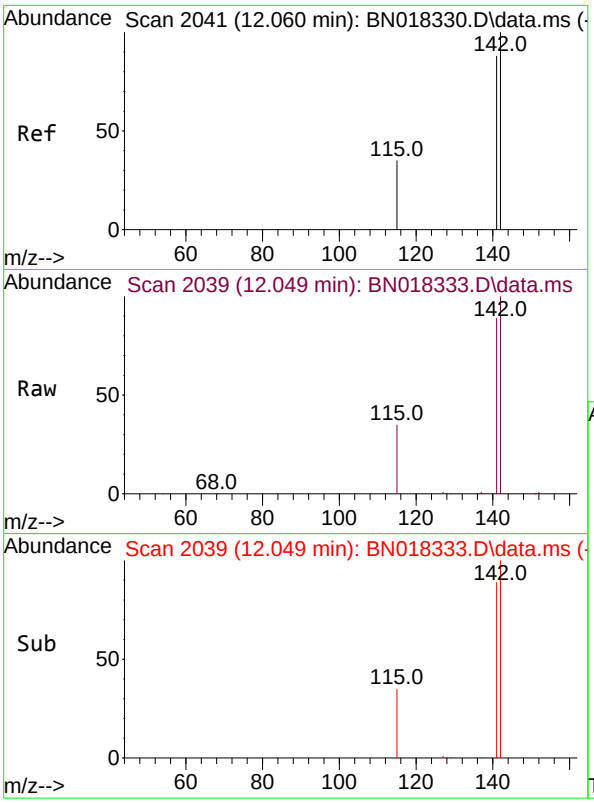


#5
Naphthalene
Concen: 2.796 ng/ul
RT: 10.427 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:128 Resp: 172416

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.1	11.0	16.6



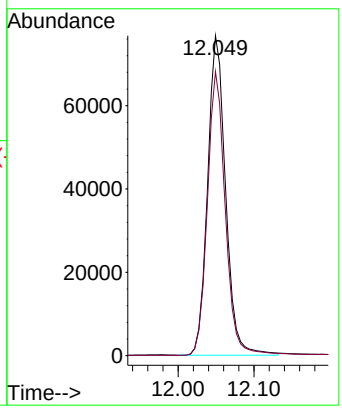


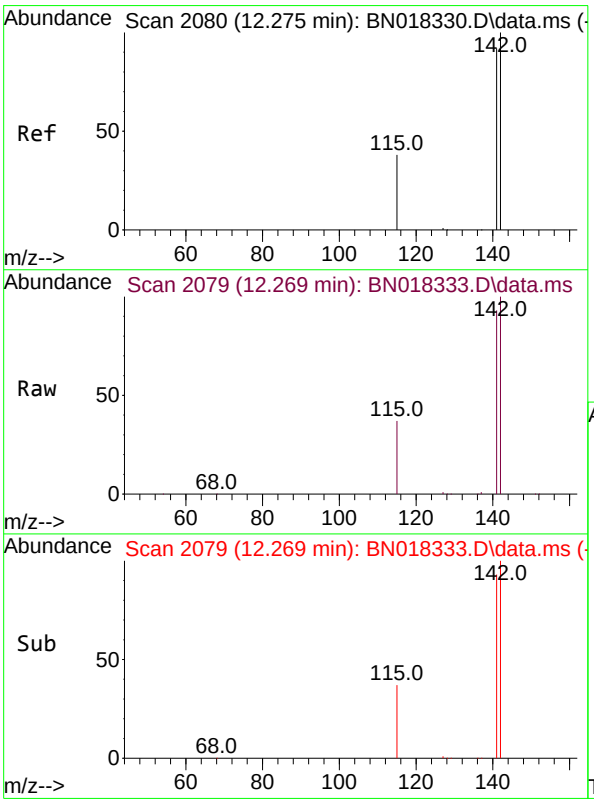
#7
2-Methylnaphthalene
Concen: 2.797 ng/ul
RT: 12.049 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:142 Resp: 126206

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3

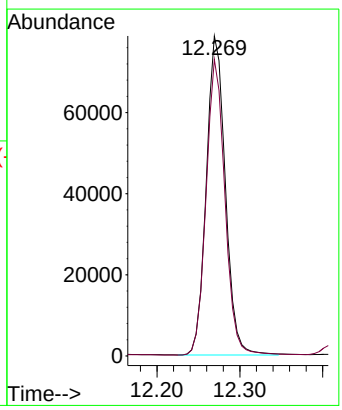


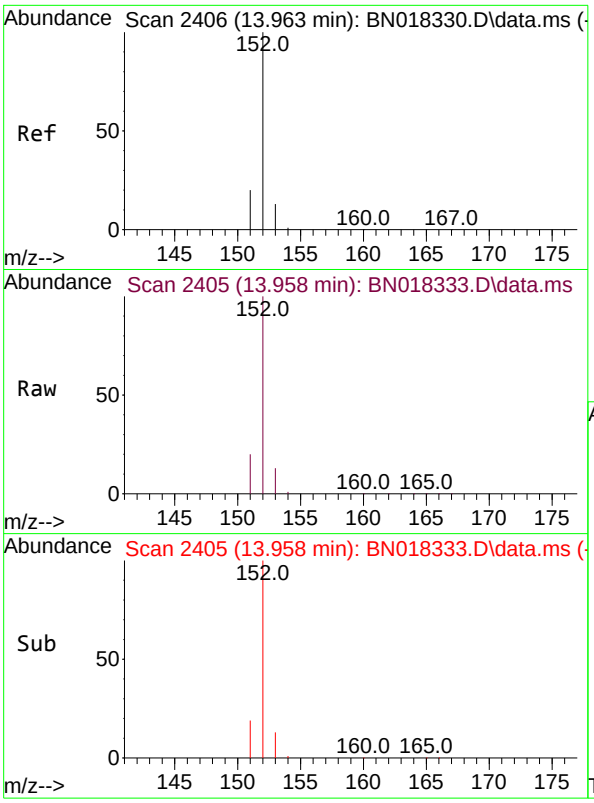


#8
1-Methylnaphthalene
Concen: 2.765 ng/ul
RT: 12.269 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:142 Resp: 125739

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8



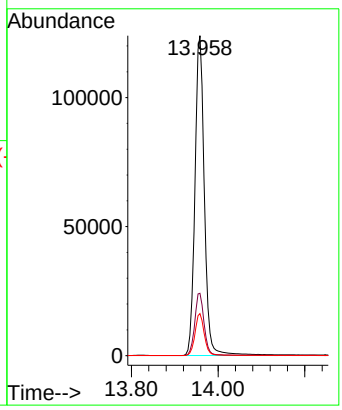


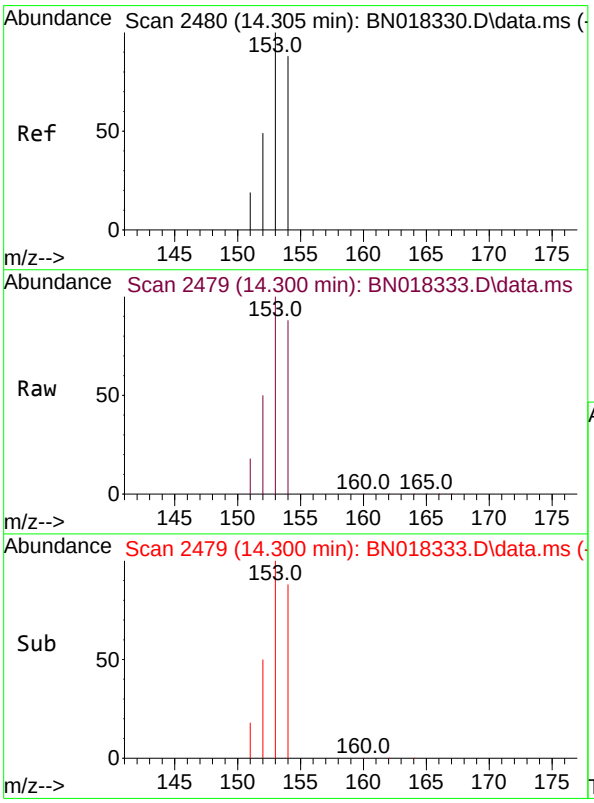
#10
Acenaphthylene
Concen: 2.942 ng/ul
RT: 13.958 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:152 Resp: 187706

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.2	10.7	16.1

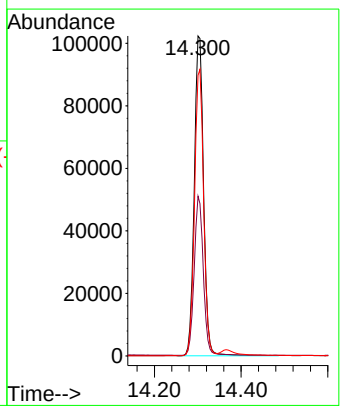


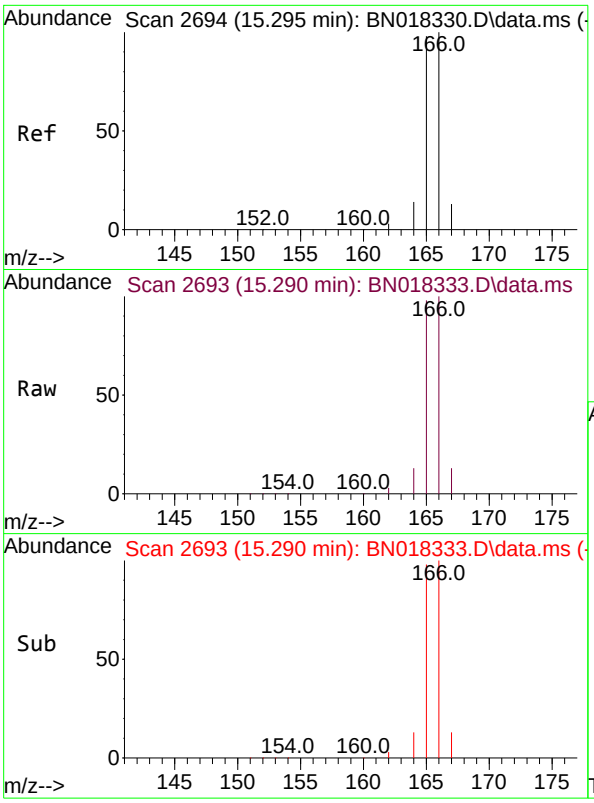


#11
Acenaphthene
Concen: 2.953 ng/ul
RT: 14.300 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:153 Resp: 151865

Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.7	59.5
154	87.7	70.9	106.3



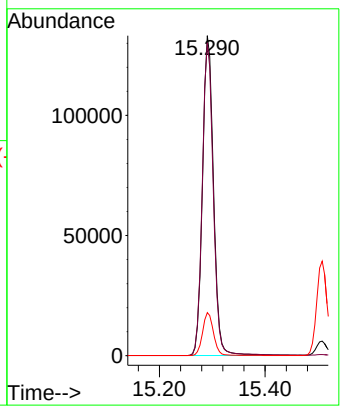


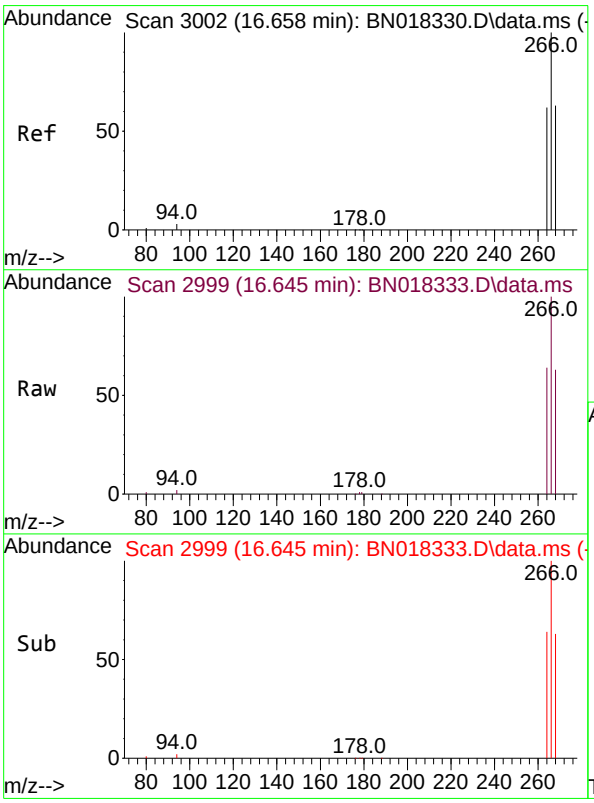
#12
Fluorene
Concen: 3.031 ng/ul
RT: 15.290 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:166 Resp: 192348

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.4	11.6	17.4

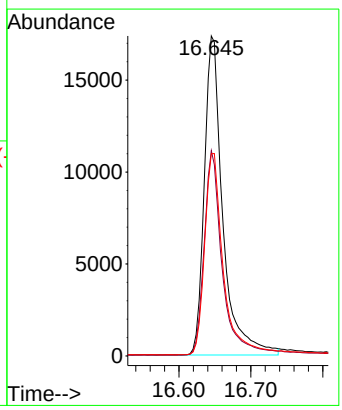


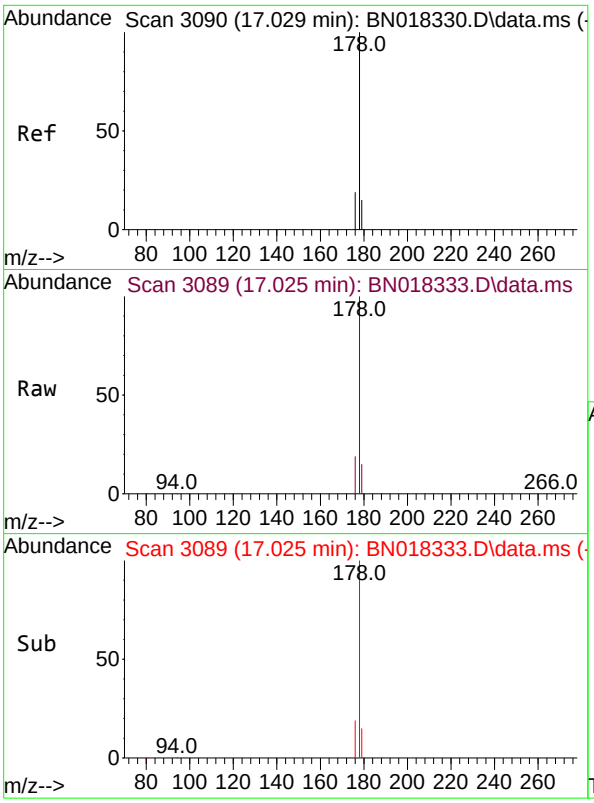


#14
Pentachlorophenol
Concen: 2.246 ng/ul
RT: 16.645 min Scan# 2999
Delta R.T. -0.013 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:266 Resp: 30947

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.9	74.9
268	63.8	51.7	77.5



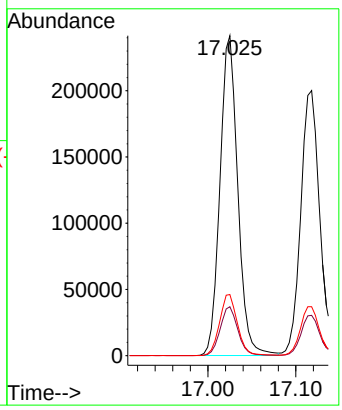


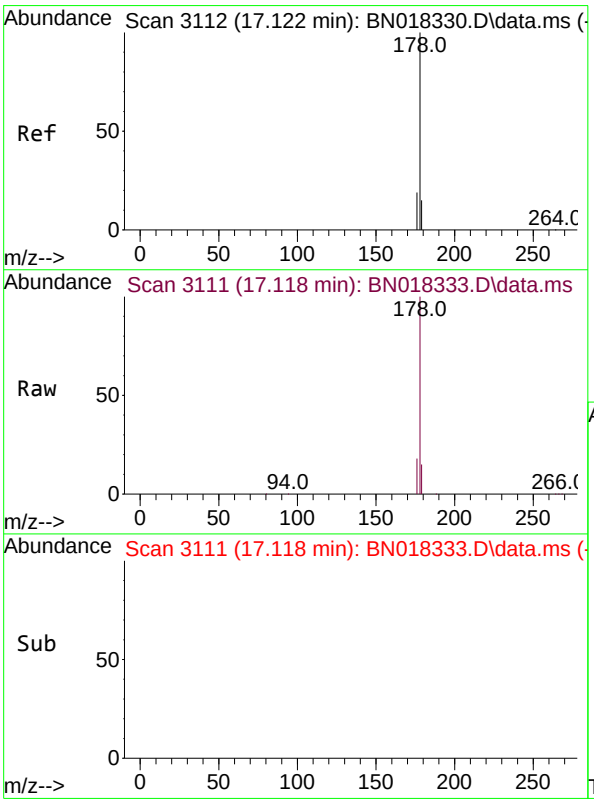
#15
Phenanthrene
Concen: 2.944 ng/ul
RT: 17.025 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:178 Resp: 339008

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.1	15.4	23.2

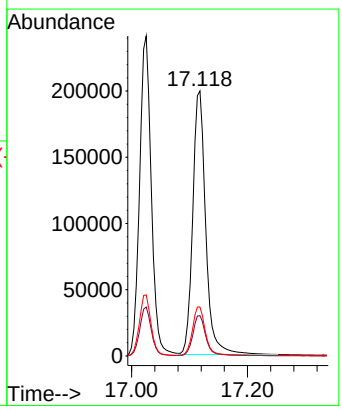


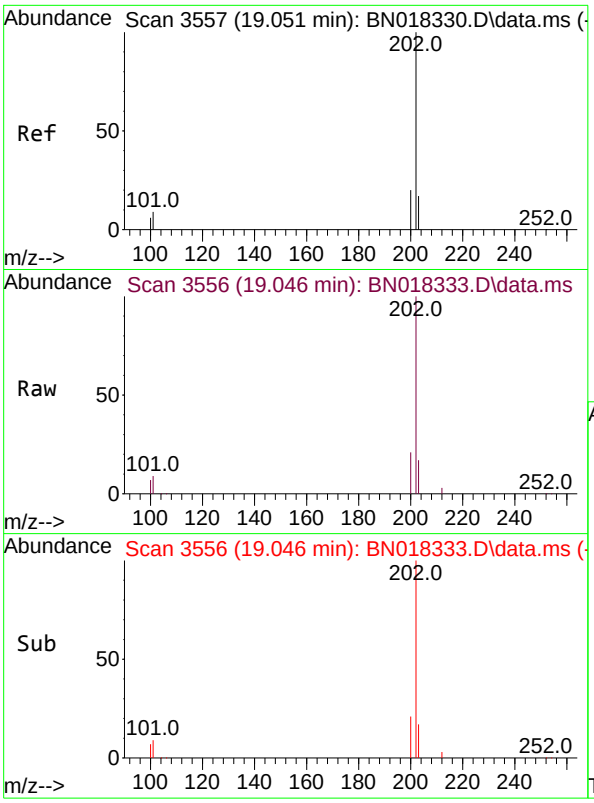


#16
Anthracene
Concen: 2.991 ng/ul
RT: 17.118 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:178 Resp: 309615

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.5	15.5	23.3



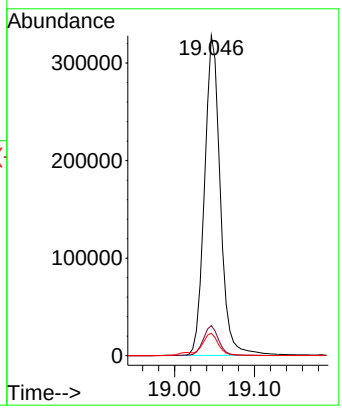


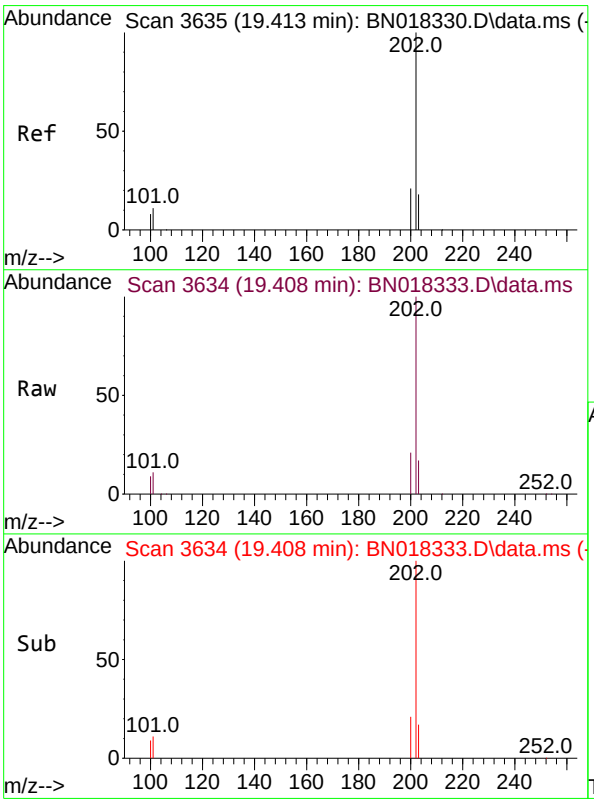
#19
Fluoranthene
Concen: 2.865 ng/ul
RT: 19.046 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:202 Resp: 449094

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.5	11.3
100	7.0	5.4	8.2

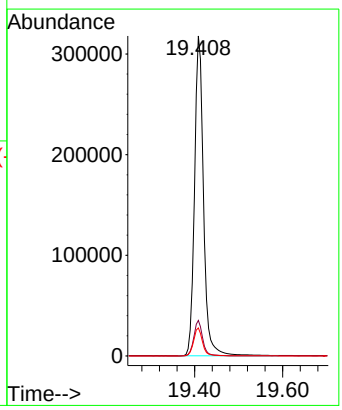


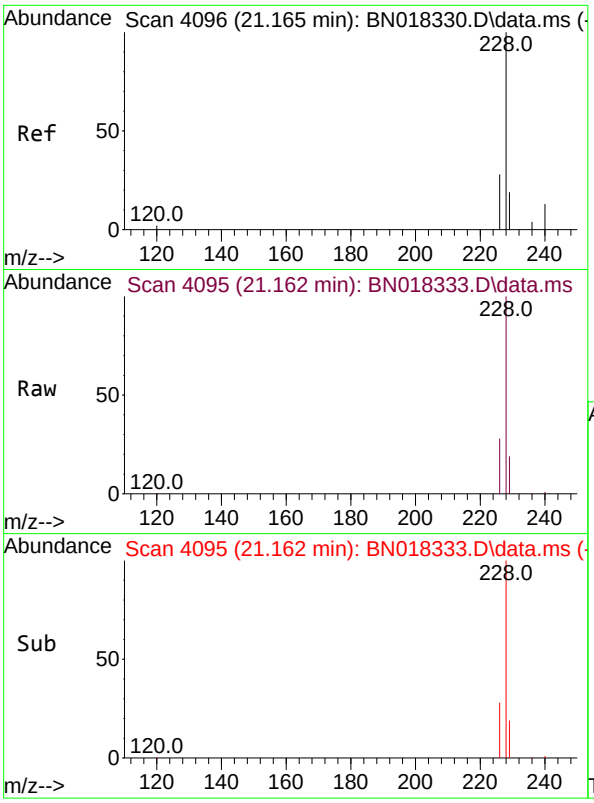


#20
Pyrene
Concen: 2.755 ng/ul
RT: 19.408 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:202 Resp: 451249

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
100	8.8	7.0	10.4



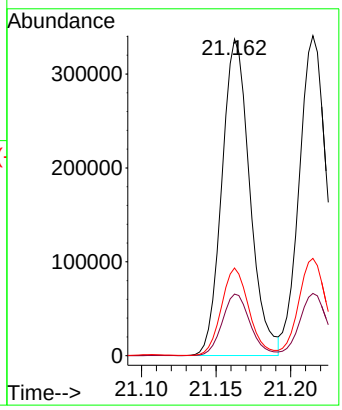


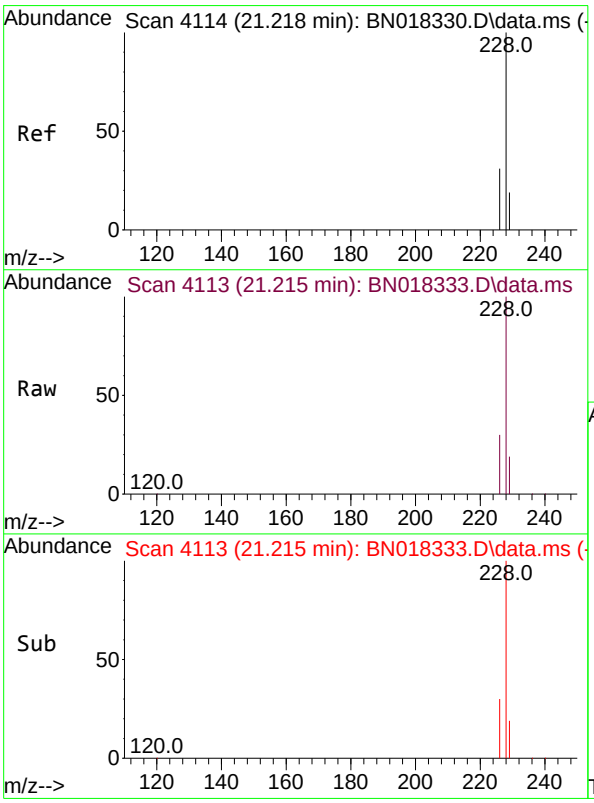
#21
Benzo(a)anthracene
Concen: 2.928 ng/ul
RT: 21.162 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:228 Resp: 440045

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.7	22.1	33.1

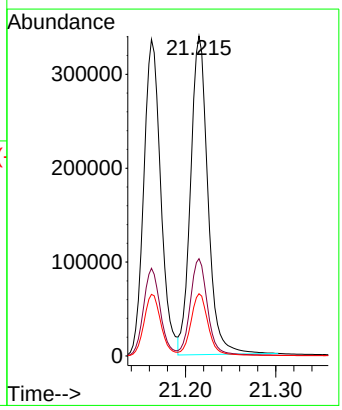


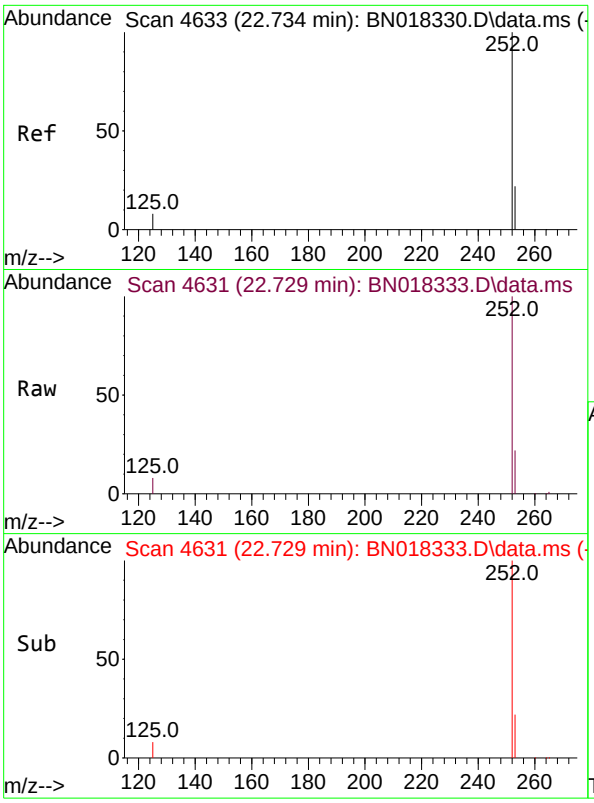


#22
Chrysene
Concen: 2.767 ng/ul
RT: 21.215 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:228 Resp: 451461

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.4	15.7	23.5



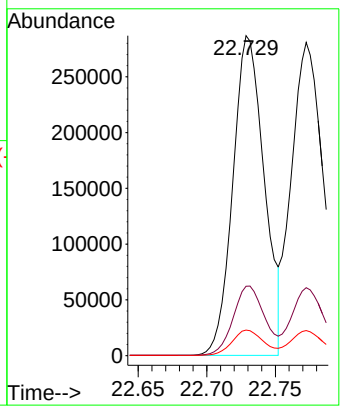


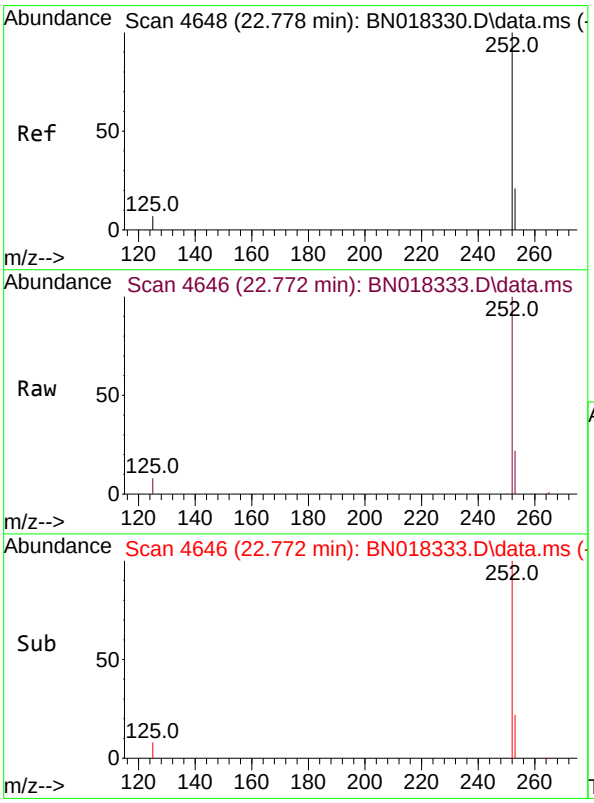
#24
Benzo(b)fluoranthene
Concen: 3.333 ng/ul
RT: 22.729 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:252 Resp: 456380

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	46.4
125	8.0	0.0	17.8

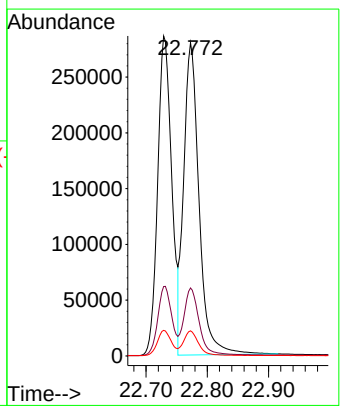


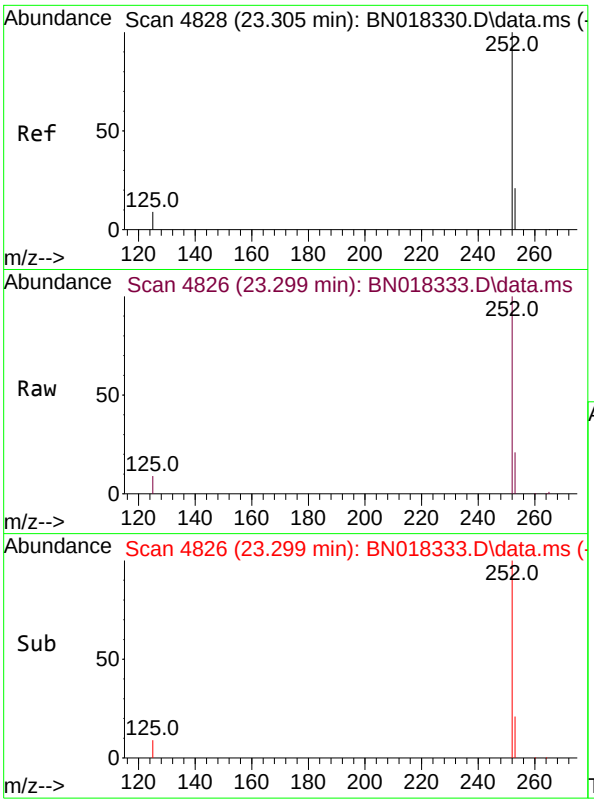


#25
Benzo(k)fluoranthene
Concen: 3.116 ng/ul
RT: 22.772 min Scan# 4646
Delta R.T. -0.006 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:252 Resp: 486576

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	28.0
125	8.0	7.3	10.9



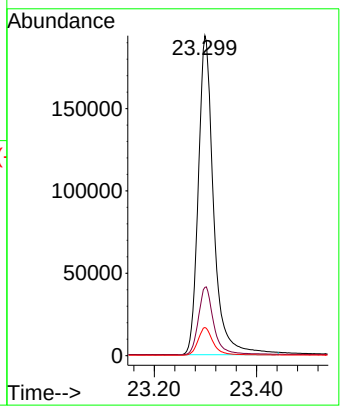


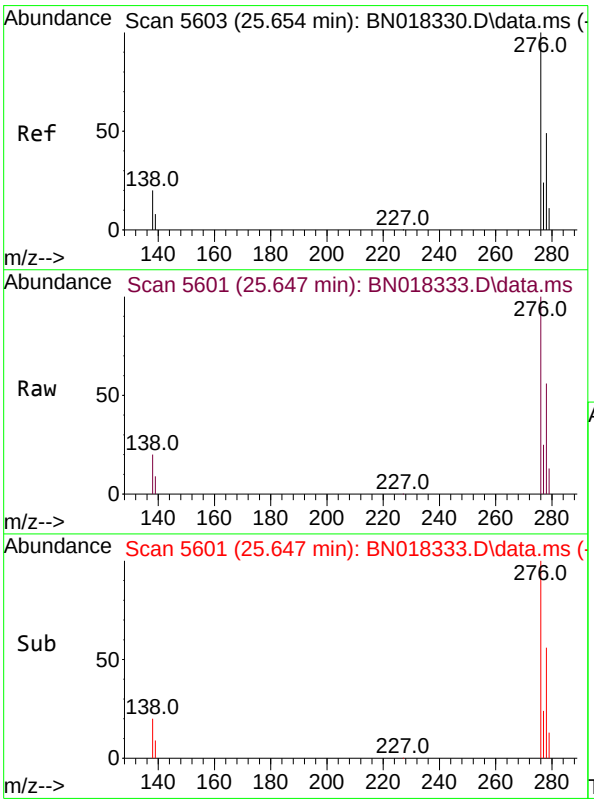
#26
Benzo(a)pyrene
Concen: 3.106 ng/ul
RT: 23.299 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:252 Resp: 403399

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.9	28.3
125	8.8	8.2	12.2

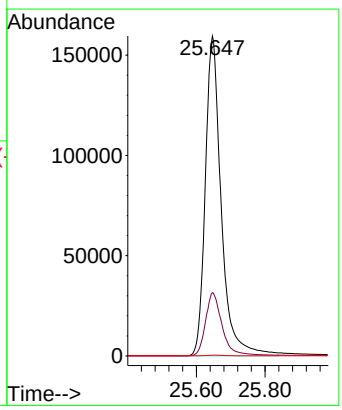


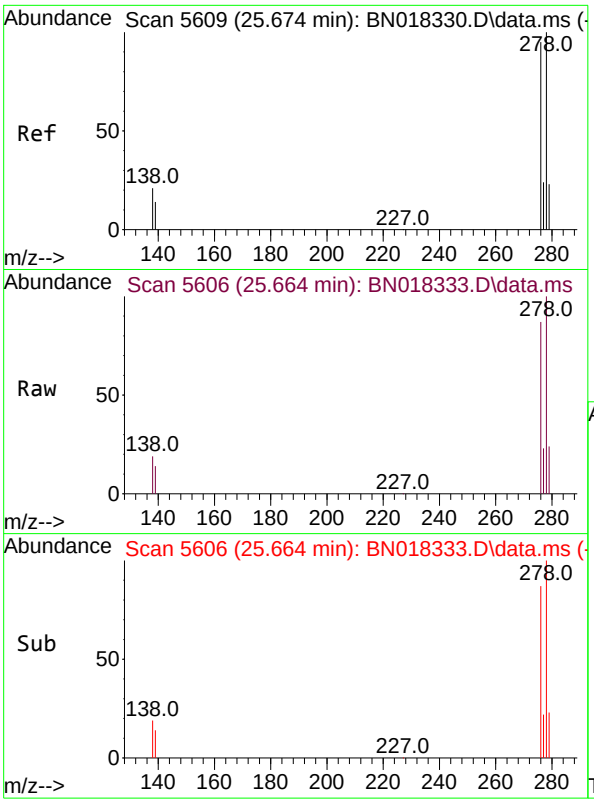


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.116 ng/ul
RT: 25.647 min Scan# 5601
Delta R.T. -0.007 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:276 Resp: 514962

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
227	0.2	0.1	0.1#



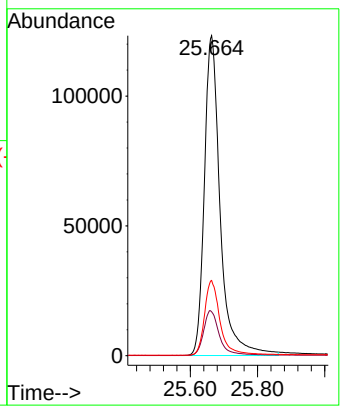


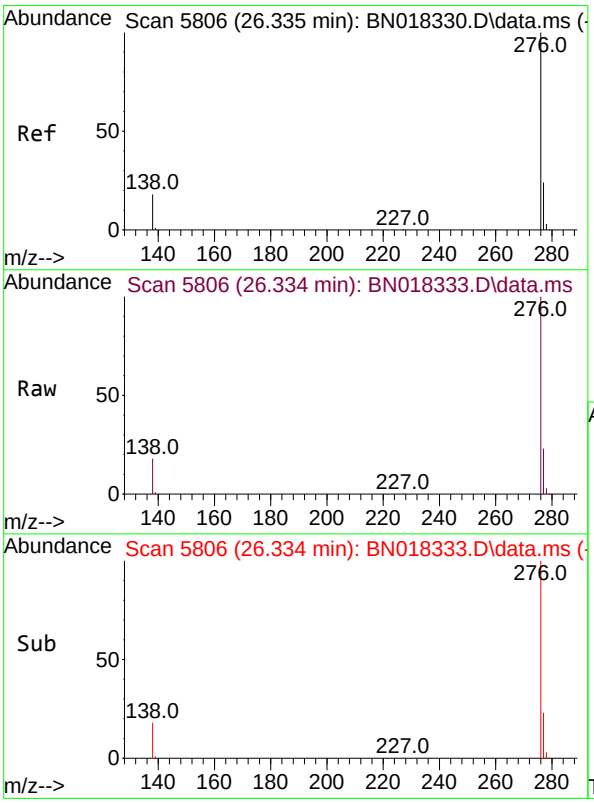
#28
Dibenzo(a,h)anthracene
Concen: 3.148 ng/ul
RT: 25.664 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Instrument :
BNA_N
ClientSampleId :
SSTD3.2220

Tgt Ion:278 Resp: 401778

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.9	17.9
279	23.5	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 3.186 ng/ul
RT: 26.334 min Scan# 5806
Delta R.T. -0.000 min
Lab File: BN018333.D
Acq: 04 Jan 2022 13:07

Tgt Ion:276 Resp: 448294

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.4	21.6
277	23.2	19.2	28.8