Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
Data File : BN014146.D
Acq On : 31 Mar 2021 17:04
Operator : CG/JU
Sample : M1842-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BPOW1-8-20210323

Quant Time: Mar 31 17:38:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5956	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	21720	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	5009	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	17757	0.40	ng	0.00
29) Chrysene-d12	21.247	240	185	0.40	ng	# 0.00
36) Perylene-d12	23.473	264	18	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1845	0.12	ng	0.00
5) Phenol-d6	6.847	99	2790	0.14	ng	0.00
8) Nitrobenzene-d5	8.832	82	4815	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9569	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1268	0.79	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	16040	0.85	ng	0.00
27) Fluoranthene-d10	19.096	212	7298	0.16	ng	0.00
31) Terphenyl-d14	19.697	244	20433	47.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	1116	0.15	ng	# 51
3) n-Nitrosodimethylamine	3.641	42	6209	1.05	ng	# 1
24) Pentachlorophenol	16.763	266	296	0.09	ng	# 1
25) Phenanthrene	17.103	178	1912	0.04	ng	# 90
30) Pyrene	19.488	202	104	0.17	ng	# 84
32) Benzo(a)anthracene	21.236	228	62	0.12	ng	# 1
33) Chrysene	21.290	228	73	0.13	ng	# 11
34) Bis(2-ethylhexyl)phtha...	21.205	149	316	2.02	ng	# 54
35) Indeno(1,2,3-cd)pyrene	25.694	276	316	0.54	ng	# 68
37) Benzo(b)fluoranthene	22.798	252	185	2.91	ng	# 1
38) Benzo(k)fluoranthene	22.877	252	22	0.35	ng	# 1
39) Benzo(a)pyrene	23.370	252	119	2.18	ng	# 1
40) Dibenzo(a,h)anthracene	25.704	278	458	8.18	ng	# 1
41) Benzo(g,h,i)perylene	26.362	276	252	4.23	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
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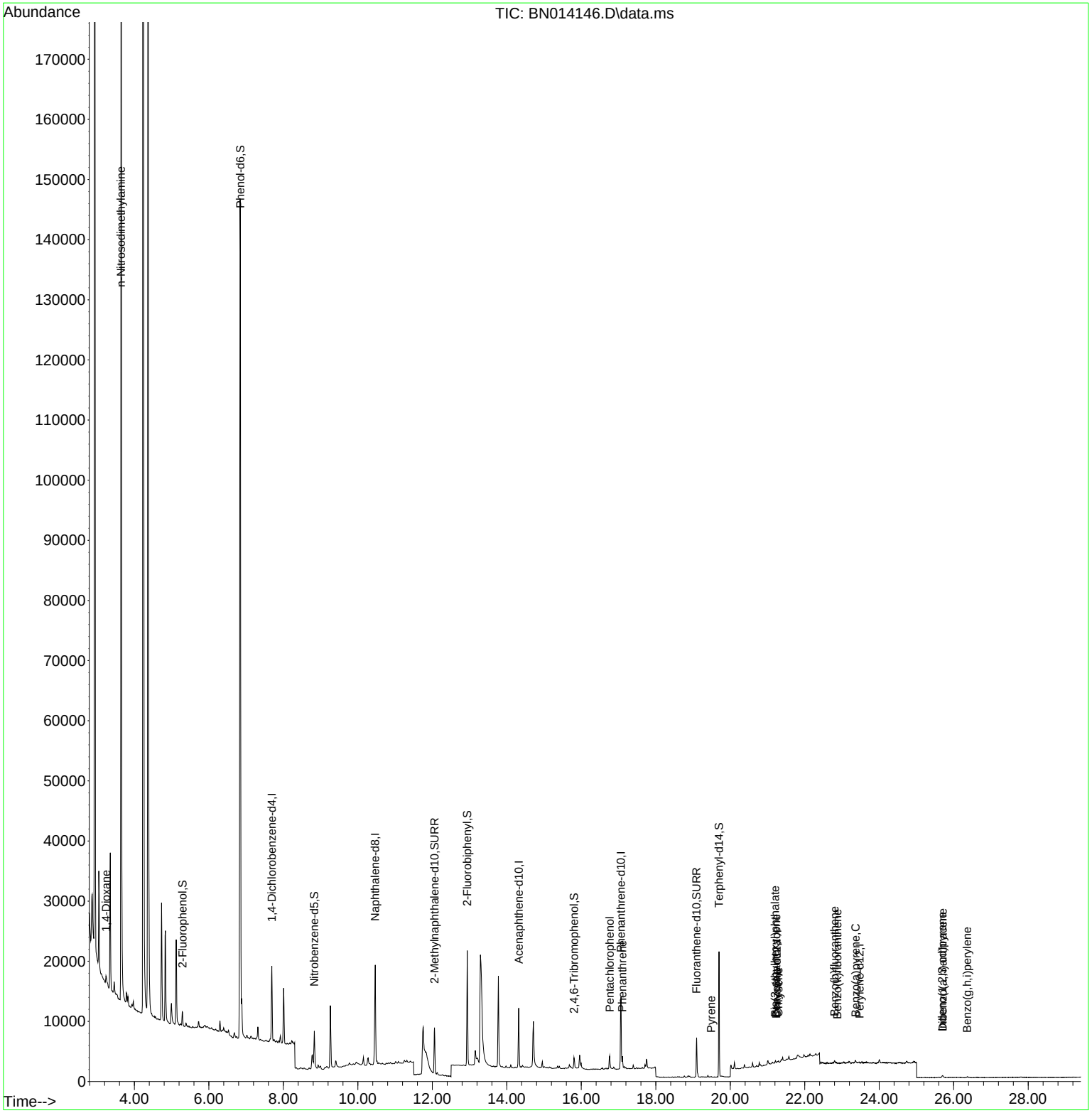
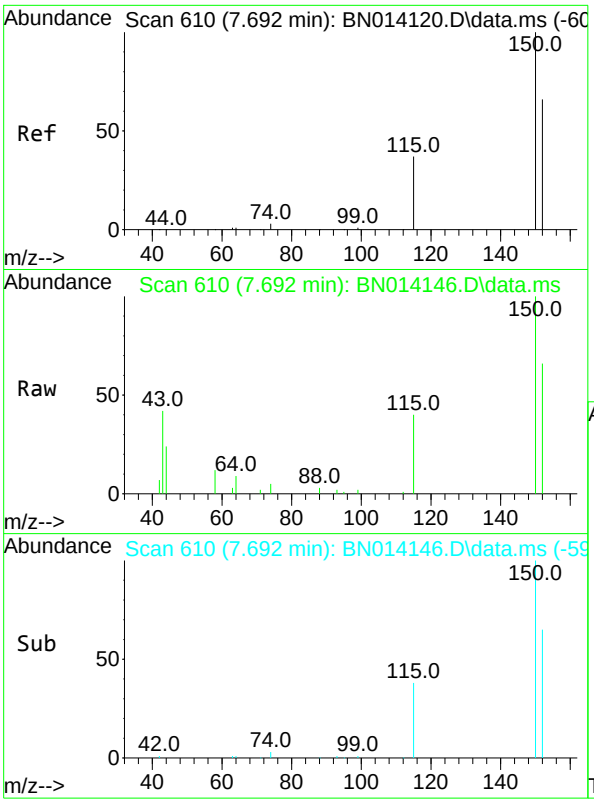
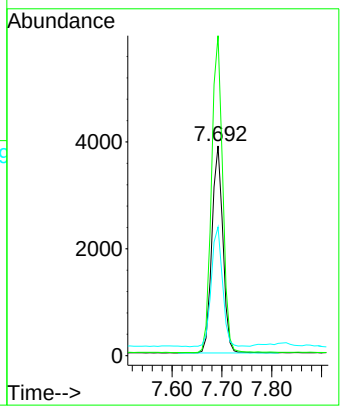




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:152 Resp: 5956

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.2	181.8
115	61.3	46.2	69.2



Instrument :
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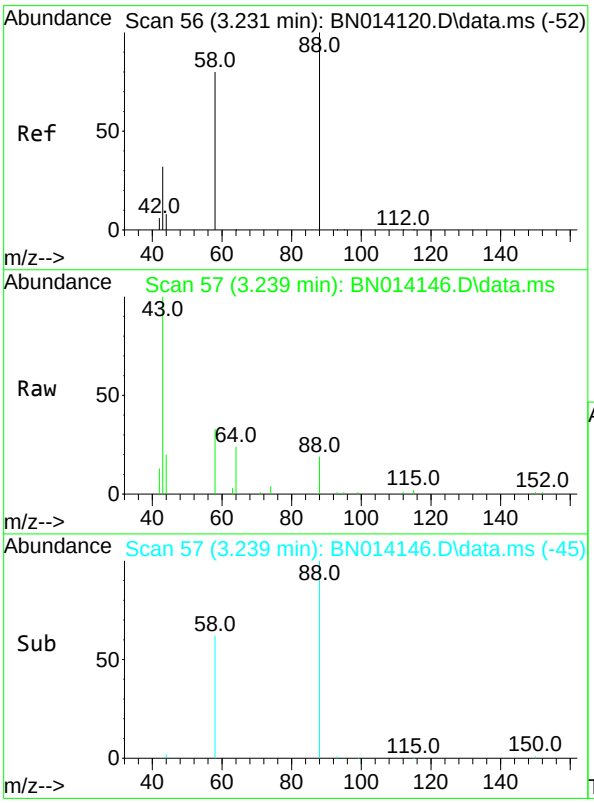
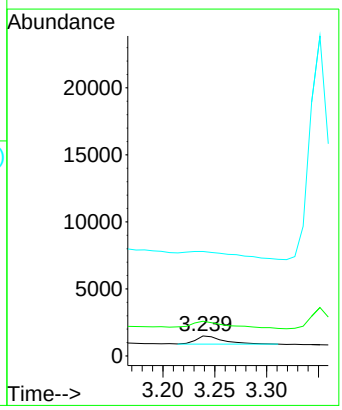


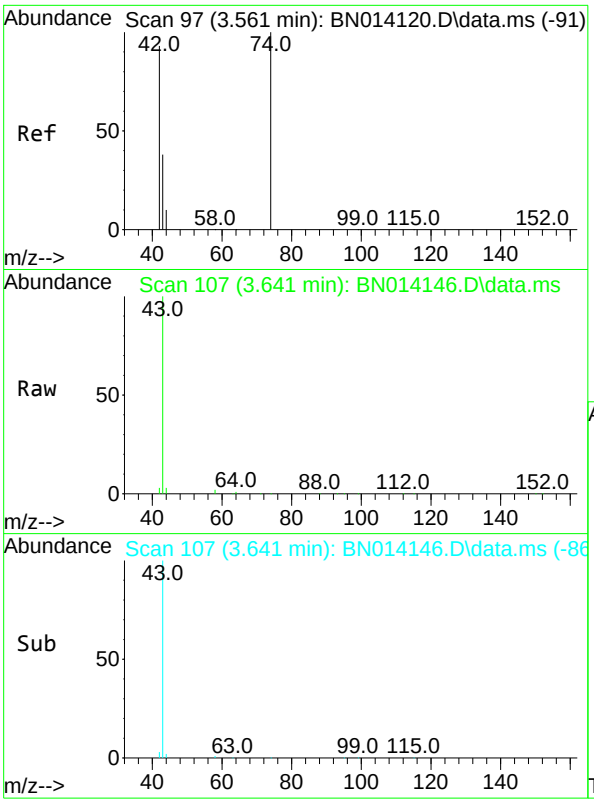
#2
1,4-Dioxane
Concen: 0.15 ng
RT: 3.239 min Scan# 57
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion: 88 Resp: 1116

Ion	Ratio	Lower	Upper
88	100		
58	118.6	63.1	94.7#
43	0.0	26.2	39.2#



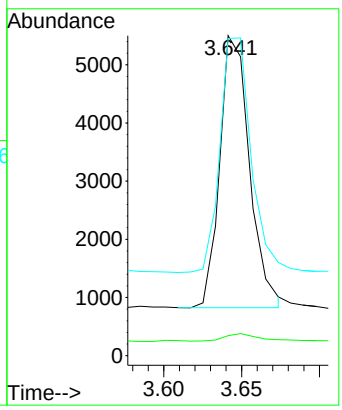
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

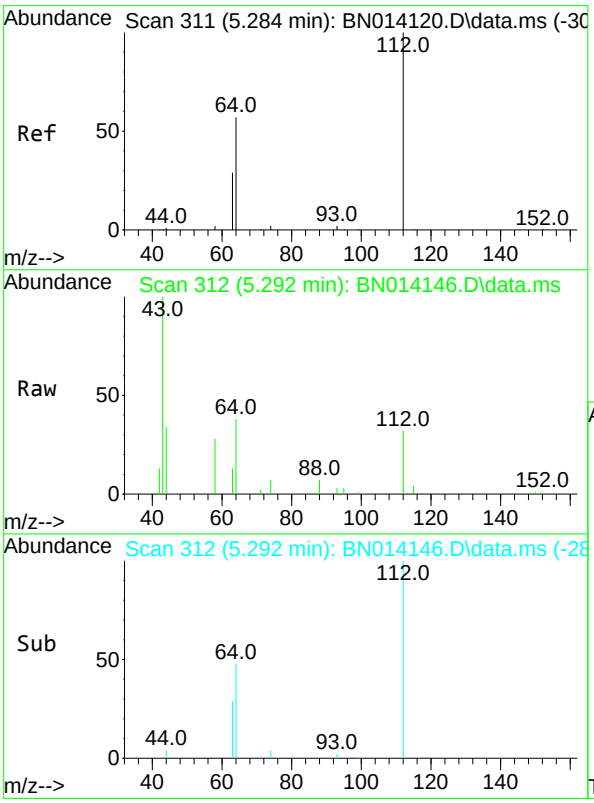


#3
n-Nitrosodimethylamine
Concen: 1.05 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.072 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion: 42 Resp: 6209

Ion	Ratio	Lower	Upper
42	100		
74	3.0	94.6	141.8#
44	89.6	4.2	6.2#

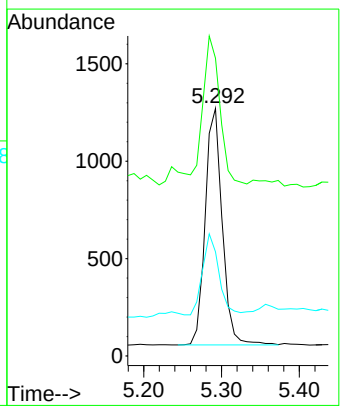




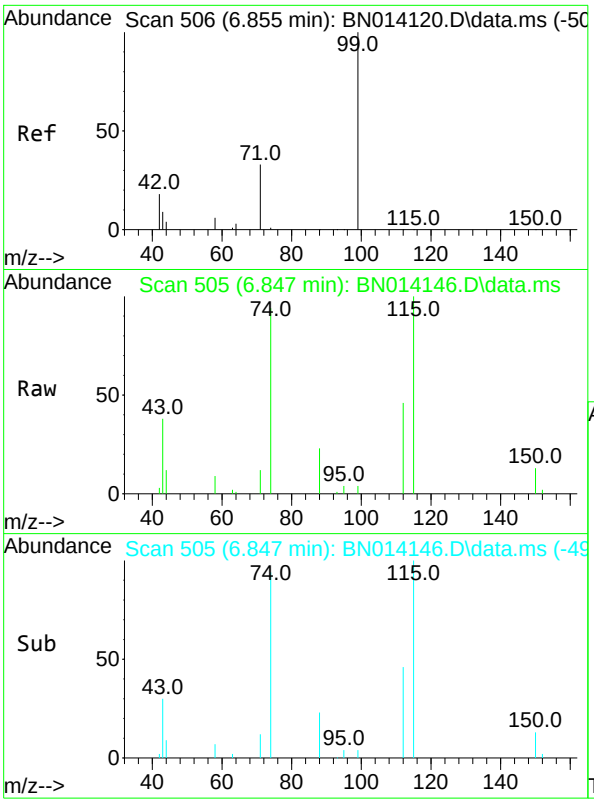
#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.008 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:112 Resp: 1845

Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.3	72.5
63	32.8	25.4	38.0



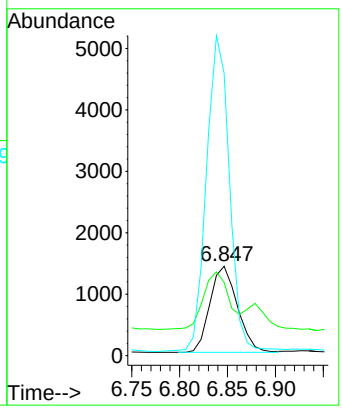
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

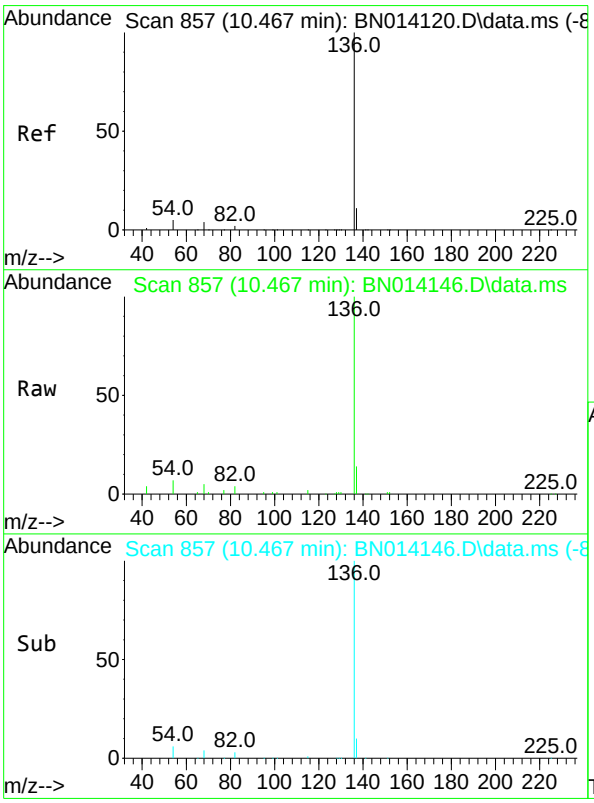


#5
Phenol-d6
Concen: 0.14 ng
RT: 6.847 min Scan# 505
Delta R.T. -0.008 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion: 99 Resp: 2790

Ion	Ratio	Lower	Upper
99	100		
42	63.4	18.2	27.4#
71	307.8	26.7	40.1#

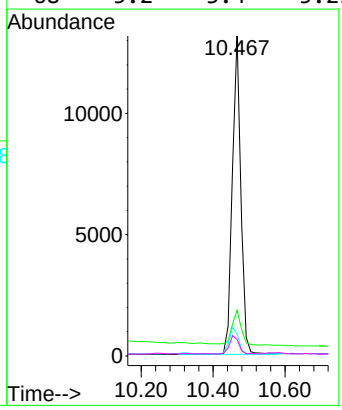


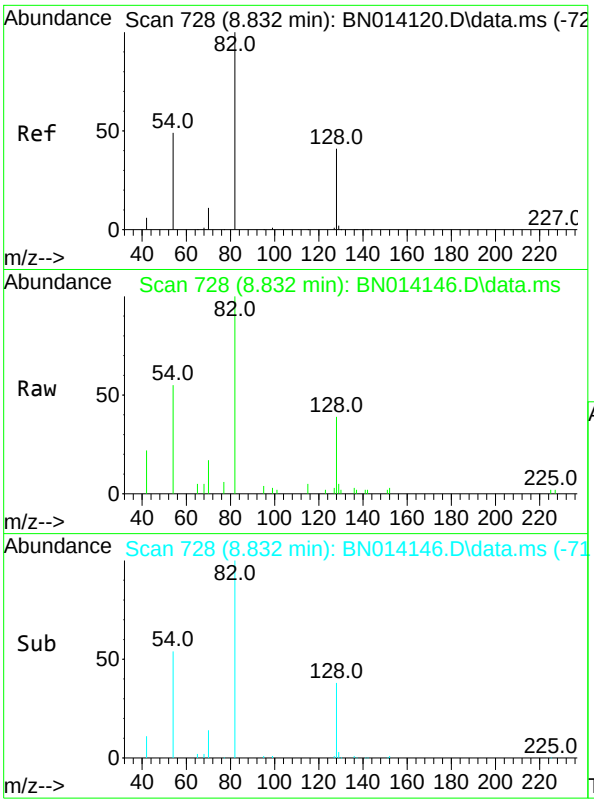


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:136 Resp: 21720

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.1	13.7#
54	6.8	4.3	6.5#
68	5.2	3.4	5.2#

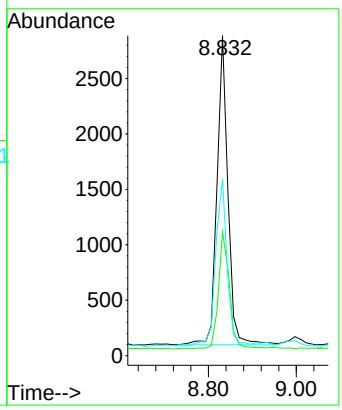




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion: 82 Resp: 4815

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.5	50.3
54	55.2	40.3	60.5



Instrument :
BNA_N
ClientSampleId :
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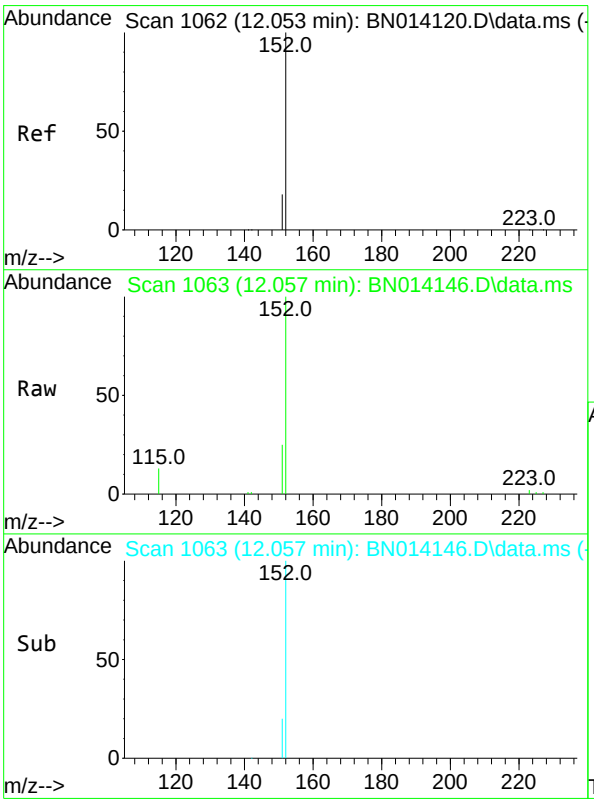
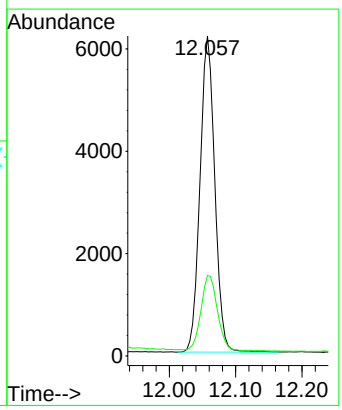
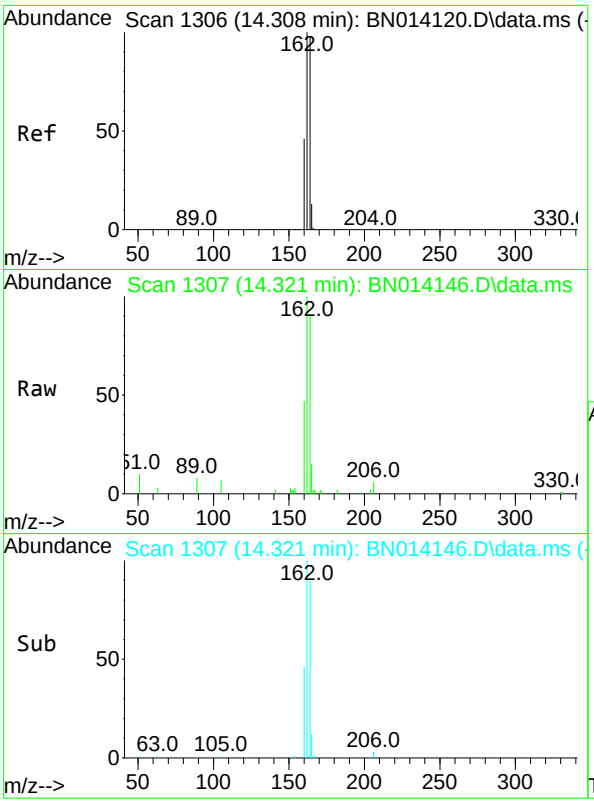


#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:152 Resp: 9569

Ion	Ratio	Lower	Upper
152	100		
151	26.5	16.1	24.1#

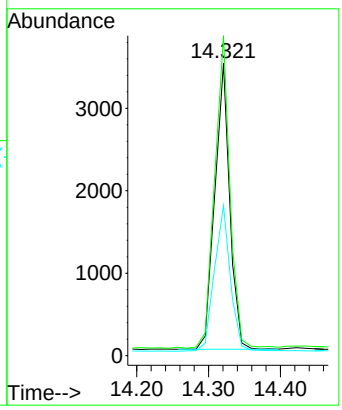




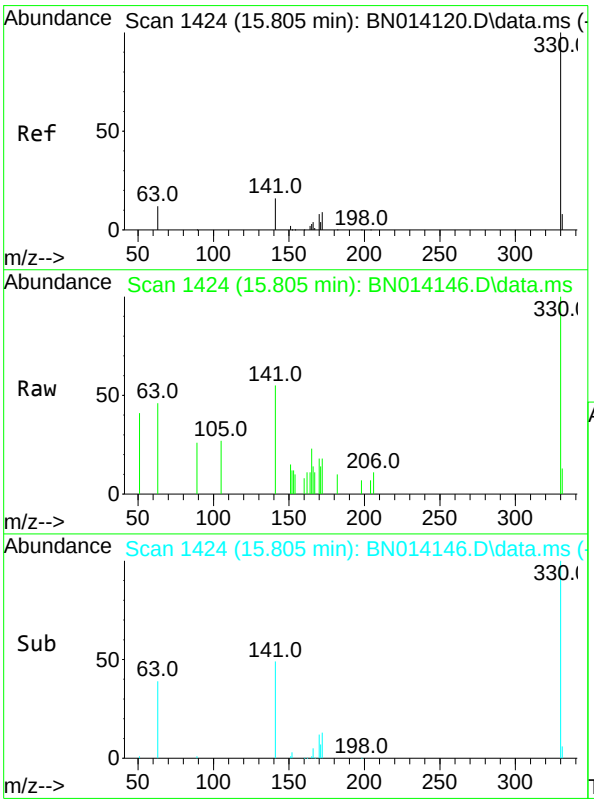
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:164 Resp: 5009

Ion	Ratio	Lower	Upper
164	100		
162	109.4	81.4	122.2
160	51.3	37.5	56.3



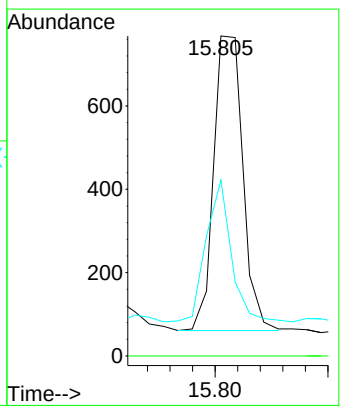
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323



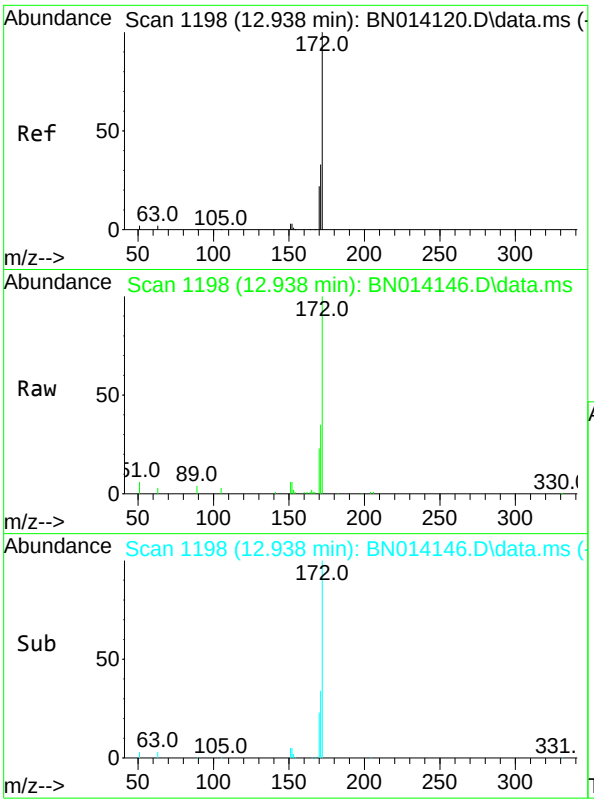
#14
2,4,6-Tribromophenol
Concen: 0.79 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:330 Resp: 1268

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.4	31.2	46.8



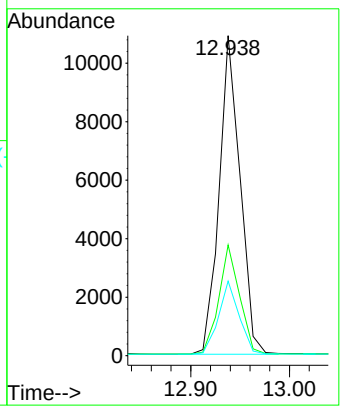
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

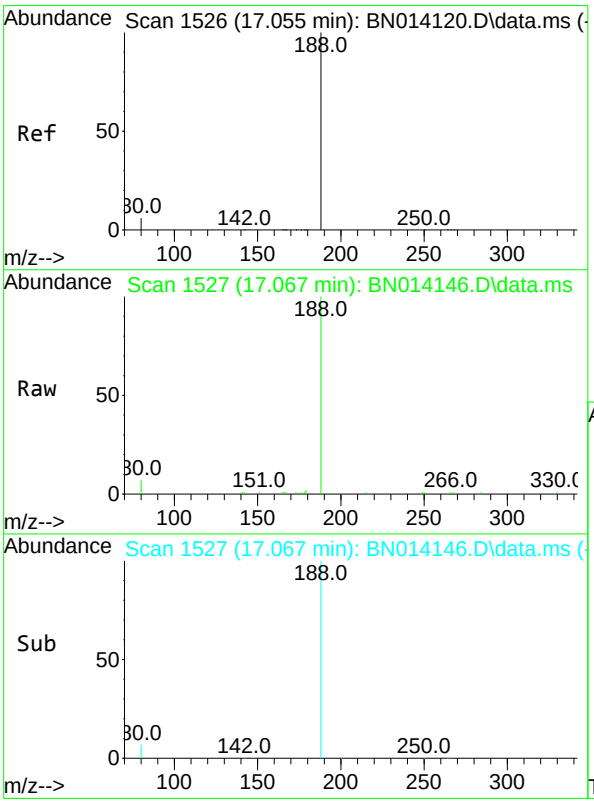


#15
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:172 Resp: 16040

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.9	40.3
170	23.3	17.8	26.8

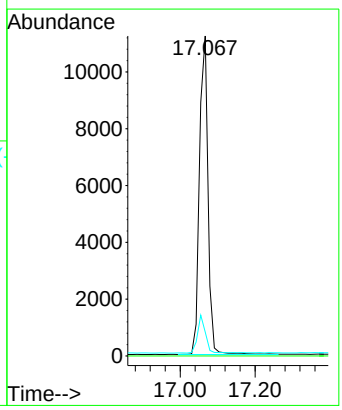


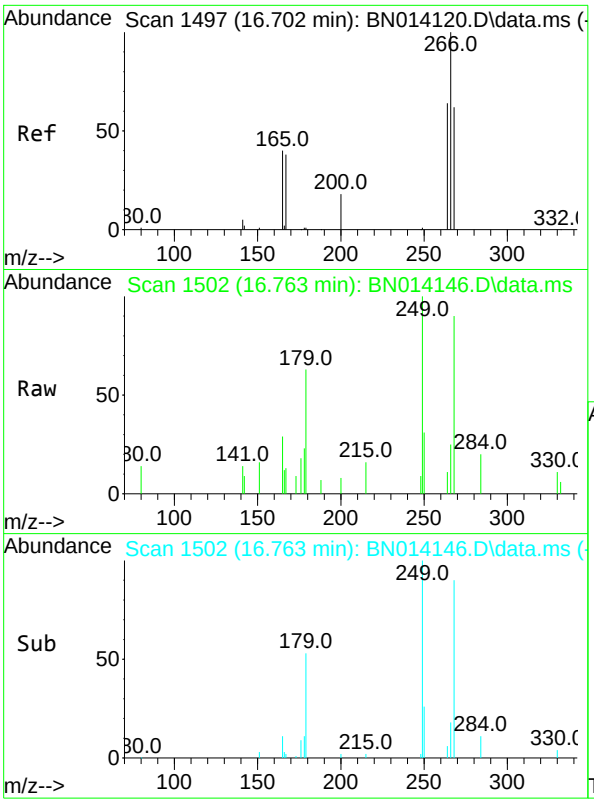


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:188 Resp: 17757

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	5.2	7.8

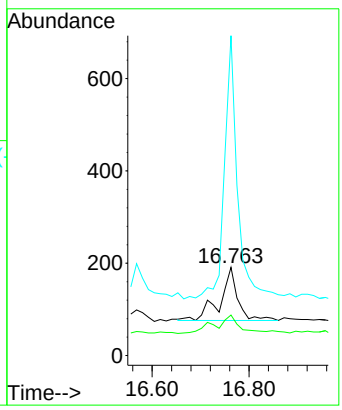




#24
Pentachlorophenol
Concen: 0.09 ng
RT: 16.763 min Scan# 1502
Delta R.T. 0.048 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:266 Resp: 296

Ion	Ratio	Lower	Upper
266	100		
264	26.4	50.2	75.2#
268	353.4	52.5	78.7#



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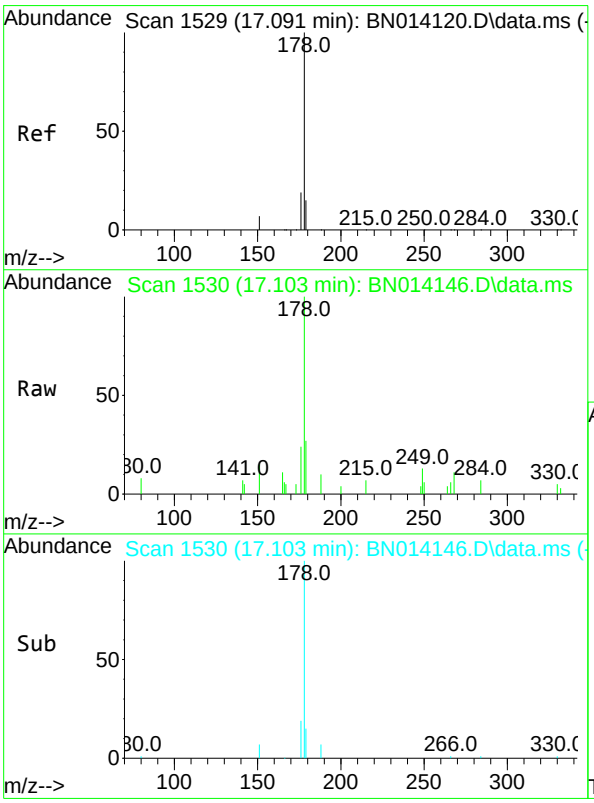
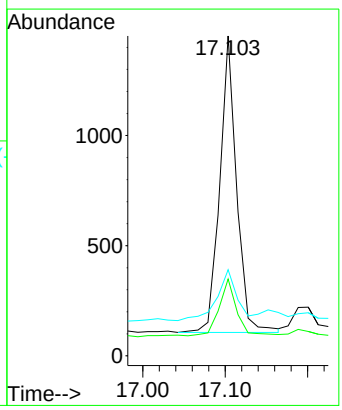
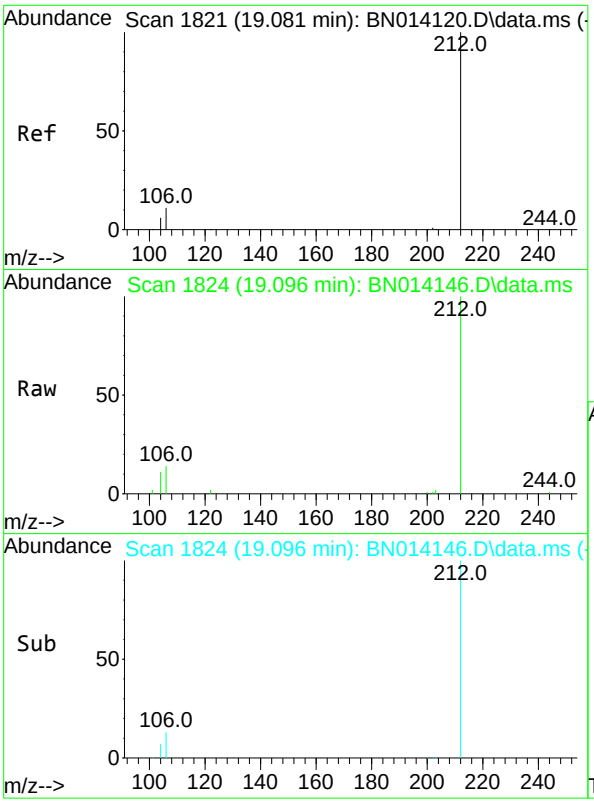


#25
Phenanthrene
Concen: 0.04 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:178 Resp: 1912

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.0	22.6
179	21.2	12.4	18.6#

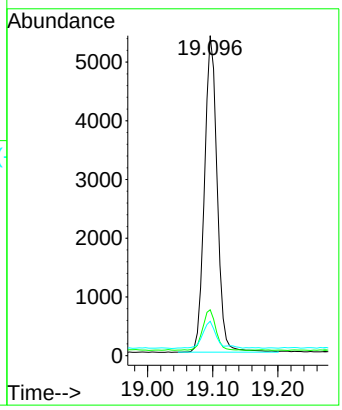




#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:212 Resp: 7298

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.1	15.1
104	8.9	5.5	8.3#



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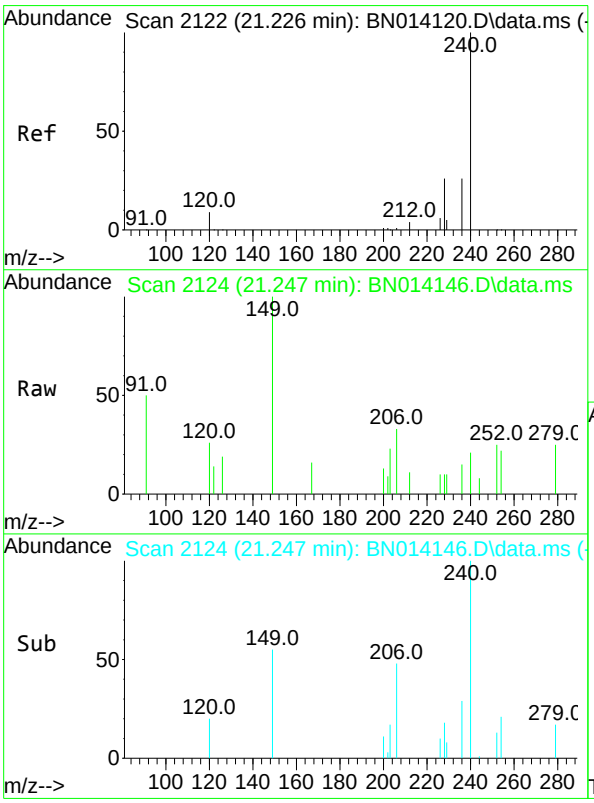
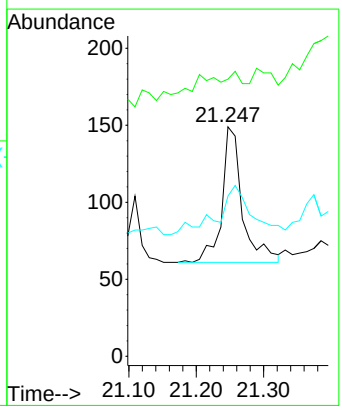
BPOW1-8-20210323

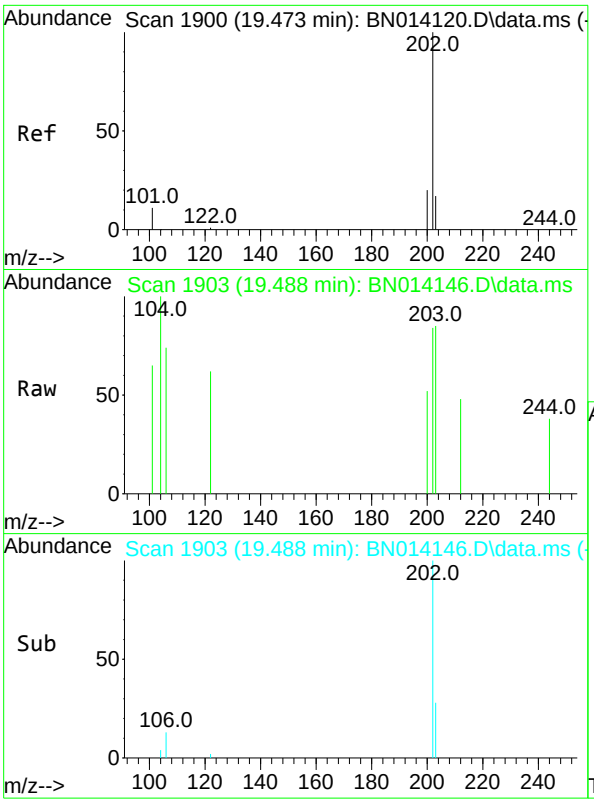


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:240 Resp: 185

Ion	Ratio	Lower	Upper
240	100		
120	120.8	8.4	12.6#
236	69.8	21.0	31.6#

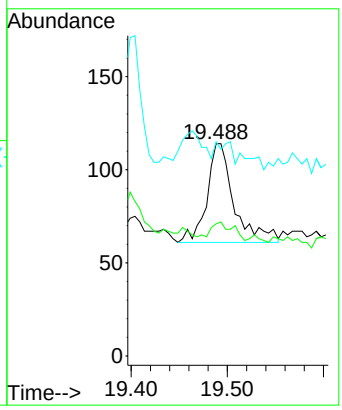




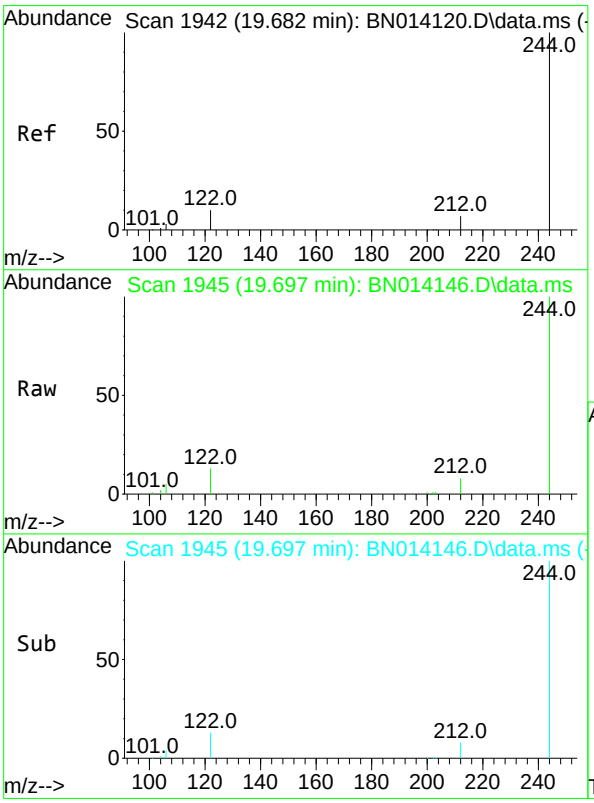
#30
Pyrene
Concen: 0.17 ng
RT: 19.488 min Scan# 1903
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:202 Resp: 104

Ion	Ratio	Lower	Upper
202	100		
200	14.4	16.2	24.4#
203	26.0	13.9	20.9#



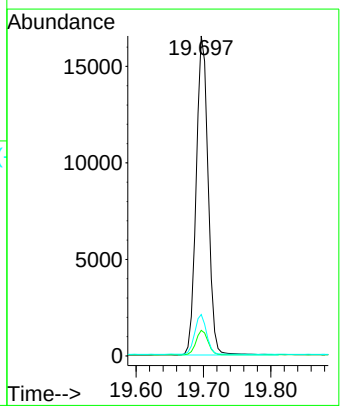
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323



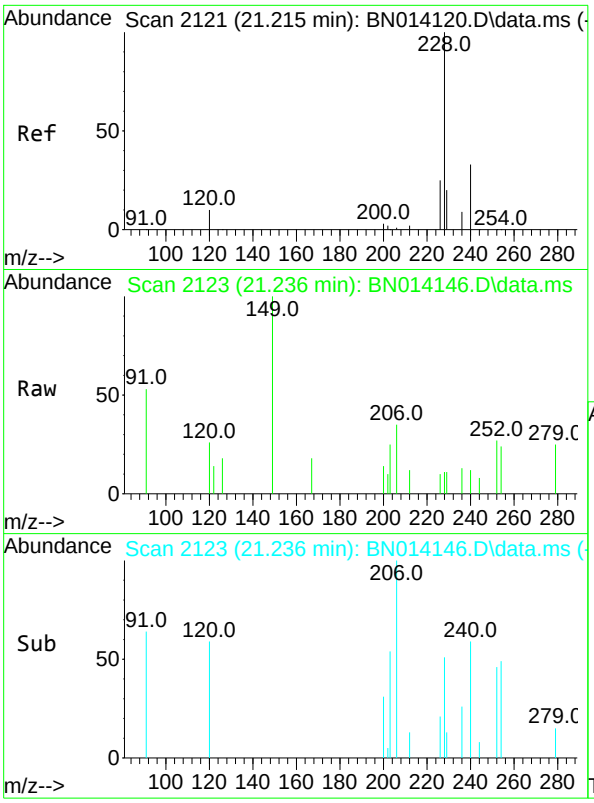
#31
Terphenyl-d14
Concen: 47.96 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:244 Resp: 20433

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.0	8.6	13.0#



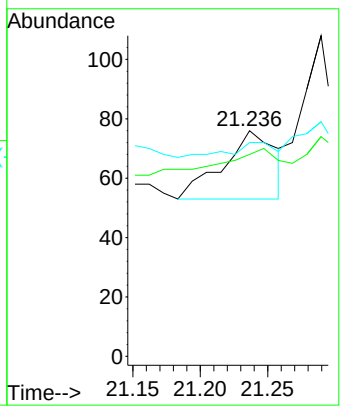
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

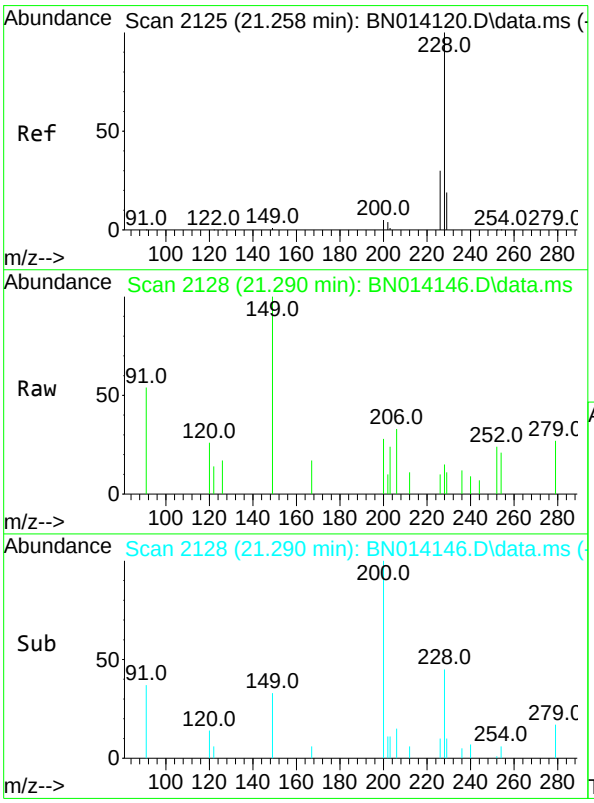


#32
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.236 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:228 Resp: 62

Ion	Ratio	Lower	Upper
228	100		
226	89.5	20.6	31.0#
229	94.7	16.2	24.2#

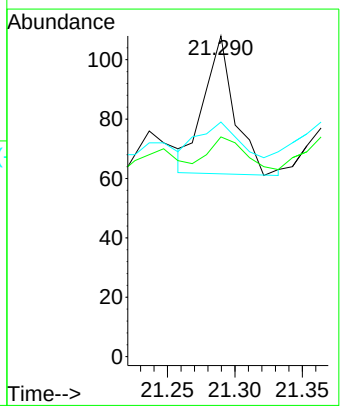


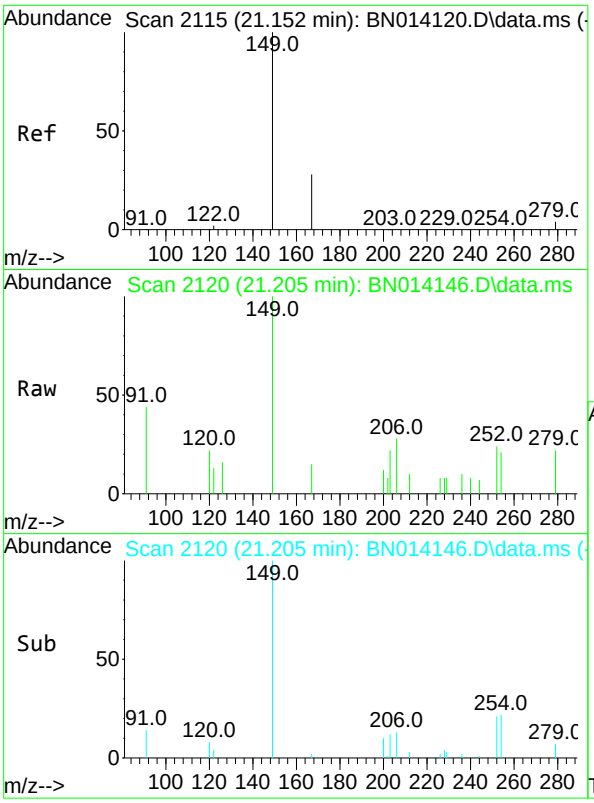


#33
Chrysene
Concen: 0.13 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:228 Resp: 73

Ion	Ratio	Lower	Upper
228	100		
226	68.5	24.4	36.6#
229	73.1	15.5	23.3#

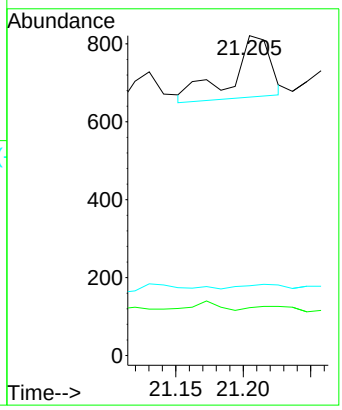




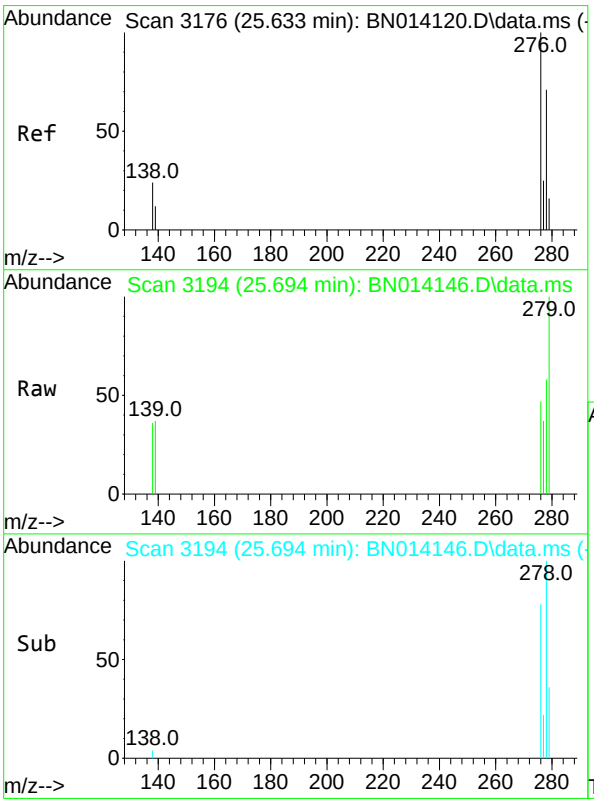
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.02 ng
RT: 21.205 min Scan# 2120
Delta R.T. 0.032 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:149 Resp: 316

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.4	32.2#
279	7.3	3.5	5.3#



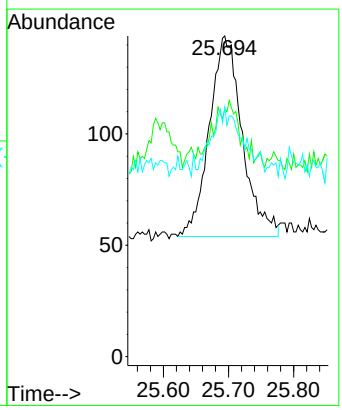
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323



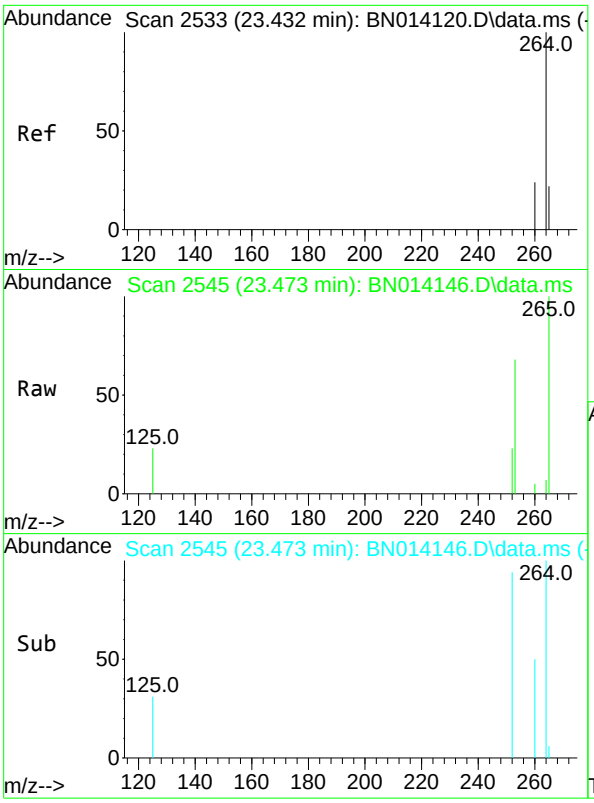
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng
RT: 25.694 min Scan# 3194
Delta R.T. 0.007 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:276 Resp: 316

Ion	Ratio	Lower	Upper
276	100		
138	6.6	19.4	29.2#
277	10.4	19.8	29.6#



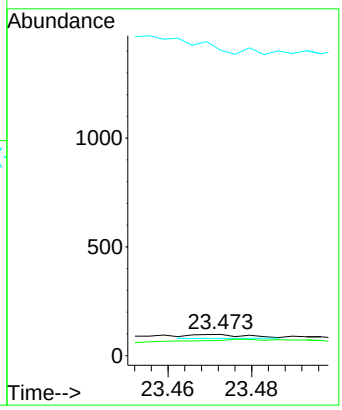
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

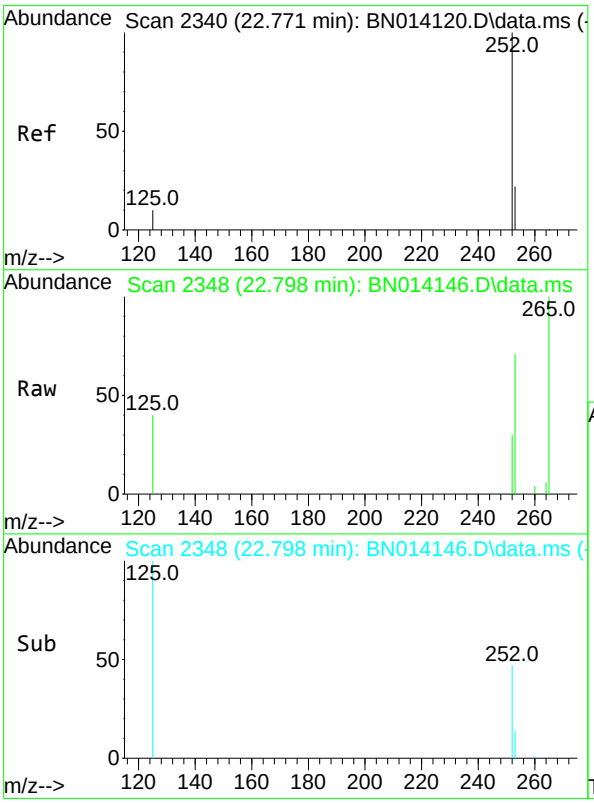


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.473 min Scan# 2545
Delta R.T. 0.007 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:264 Resp: 18

Ion	Ratio	Lower	Upper
264	100		
260	71.4	19.8	29.8#
265	1431.6	30.7	46.1#

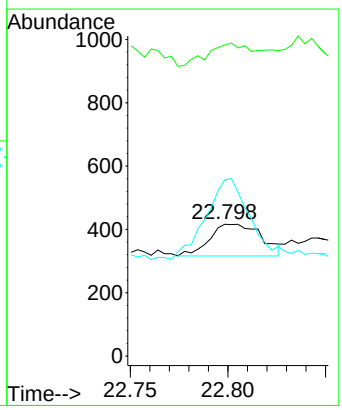


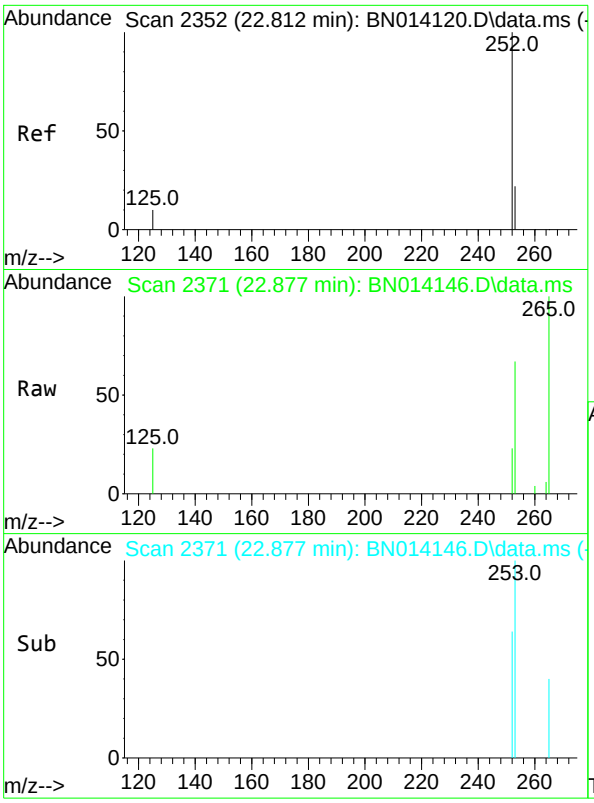


#37
Benzo(b)fluoranthene
Concen: 2.91 ng
RT: 22.798 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:252 Resp: 185

Ion	Ratio	Lower	Upper
252	100		
253	236.1	20.6	30.8#
125	133.7	9.4	14.2#

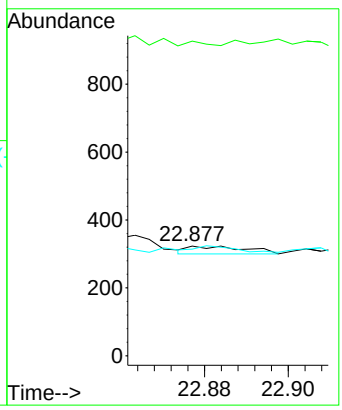




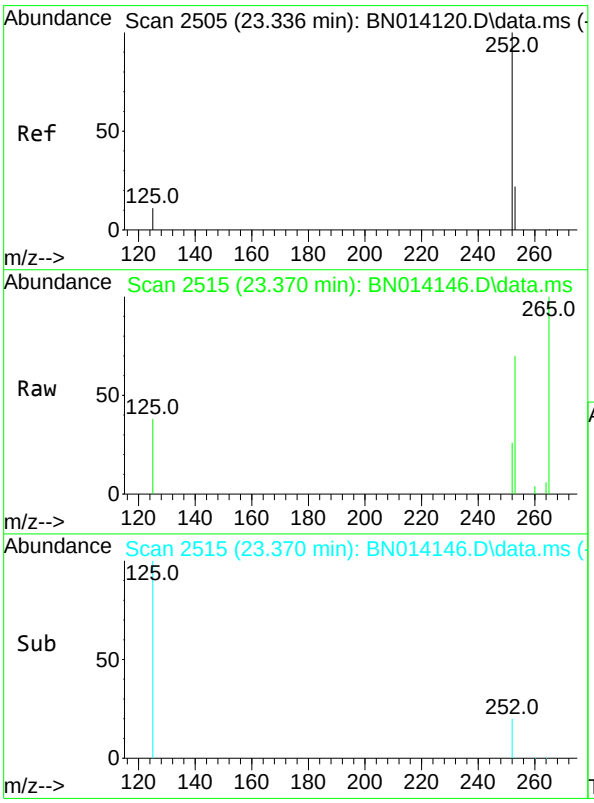
#38
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 22.877 min Scan# 2371
Delta R.T. 0.034 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:252 Resp: 22

Ion	Ratio	Lower	Upper
252	100		
253	287.0	20.6	30.8#
125	97.2	9.5	14.3#



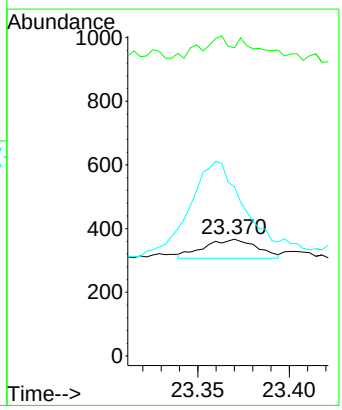
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

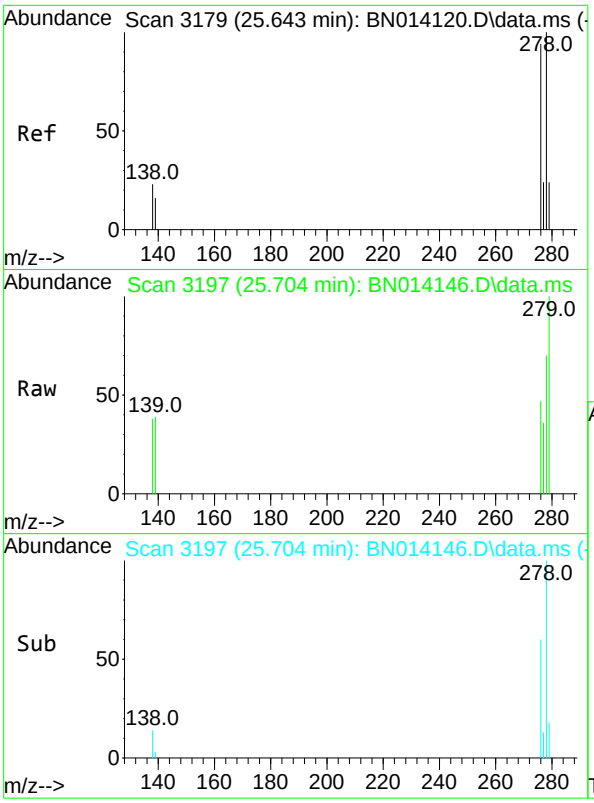


#39
Benzo(a)pyrene
Concen: 2.18 ng
RT: 23.370 min Scan# 2515
Delta R.T. 0.003 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:252 Resp: 119

Ion	Ratio	Lower	Upper
252	100		
253	263.8	21.9	32.9#
125	145.0	10.8	16.2#

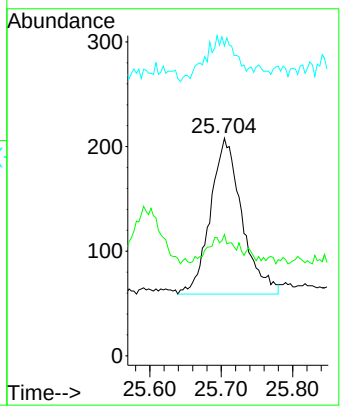




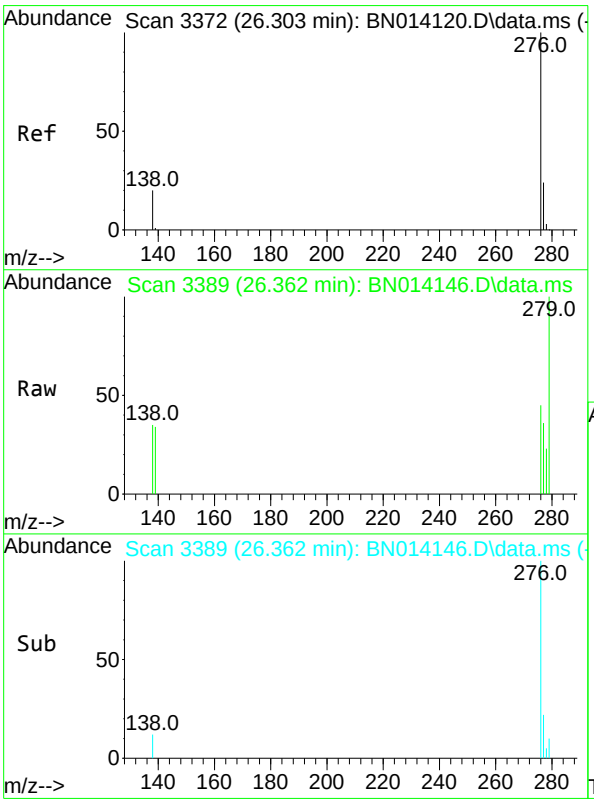
#40
Dibenzo(a,h)anthracene
Concen: 8.18 ng
RT: 25.704 min Scan# 3197
Delta R.T. 0.003 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:278 Resp: 458

Ion	Ratio	Lower	Upper
278	100		
139	55.8	13.4	20.0#
279	142.3	21.3	31.9#



Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323



#41
Benzo(g,h,i)perylene
Concen: 4.23 ng
RT: 26.362 min Scan# 3389
Delta R.T. -0.007 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:276 Resp: 252

Ion	Ratio	Lower	Upper
276	100		
277	79.8	20.1	30.1#
138	76.0	17.0	25.4#