Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031463.D
Acq On : 10 May 2024 15:01
Operator : MA/JU
Sample : P2315-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Quant Time: May 10 15:33:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

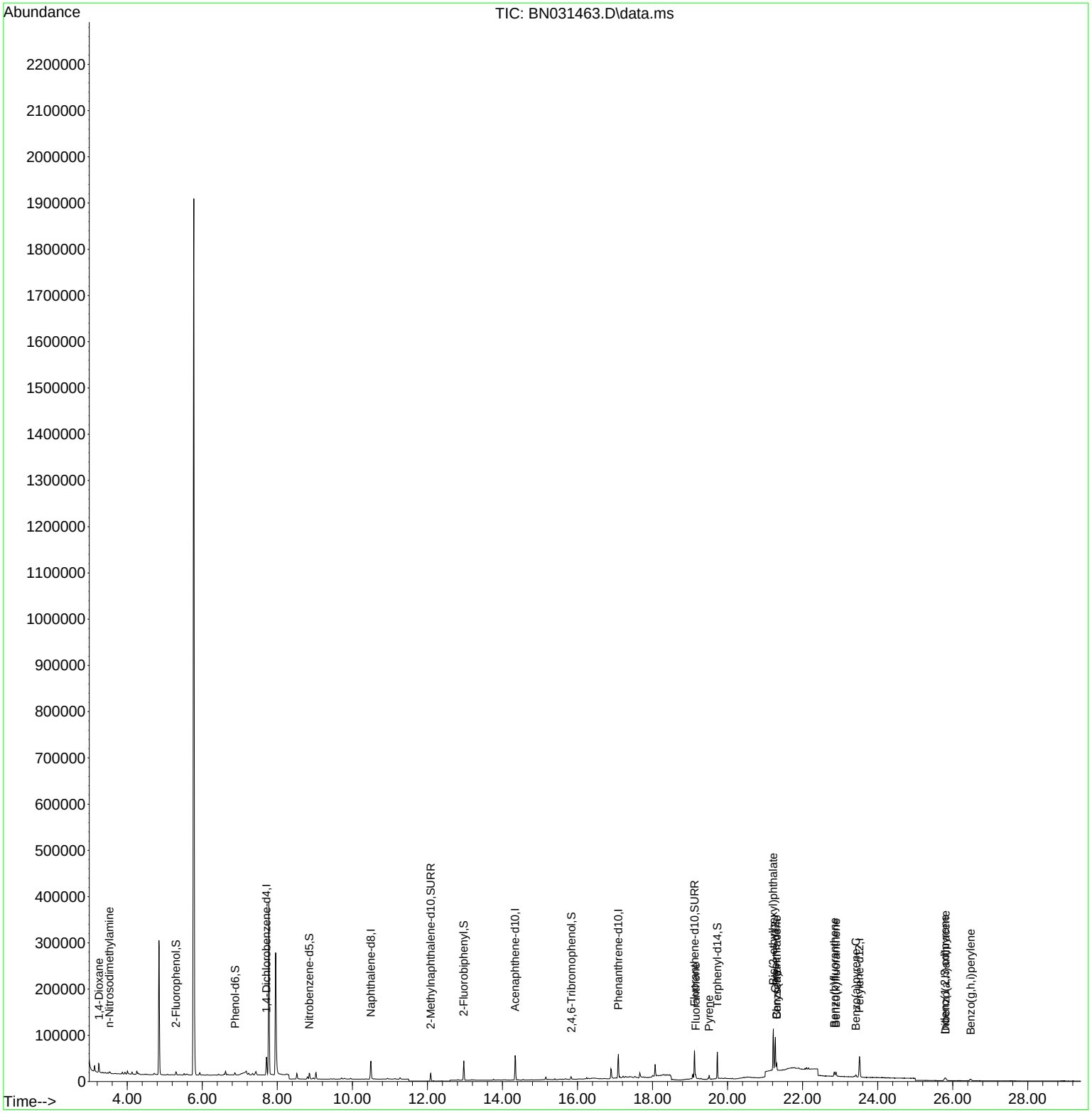
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	16112	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	52925	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	31278	0.400	ng	-0.01
19) Phenanthrene-d10	17.091	188	71485	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	61309	0.400	ng	0.00
35) Perylene-d12	23.516	264	60177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	5523	0.121	ng	0.00
5) Phenol-d6	6.873	99	4803	0.078	ng	0.00
8) Nitrobenzene-d5	8.851	82	10723	0.282	ng	-0.01
11) 2-Methylnaphthalene-d10	12.088	152	22686	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	3698	0.312	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	34318	0.285	ng	-0.01
27) Fluoranthene-d10	19.119	212	63610	0.321	ng	0.00
31) Terphenyl-d14	19.727	244	54681	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	13489	0.681	ng	# 91
3) n-Nitrosodimethylamine	3.522	42	735	0.038	ng	# 1
28) Fluoranthene	19.151	202	7304	0.030	ng	# 72
30) Pyrene	19.509	202	7397	0.030	ng	98
32) Benzo(a)anthracene	21.309	228	9889	0.042	ng	92
33) Chrysene	21.309	228	11243	0.050	ng	96
34) Bis(2-ethylhexyl)phtha...	21.220	149	86181	0.622	ng	100
36) Indeno(1,2,3-cd)pyrene	25.791	276	8854	0.037	ng	96
37) Benzo(b)fluoranthene	22.844	252	12079	0.056	ng	# 9
38) Benzo(k)fluoranthene	22.890	252	11522	0.056	ng	# 1
39) Benzo(a)pyrene	23.420	252	7078	0.038	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	6696	0.035	ng	# 59
41) Benzo(g,h,i)perylene	26.478	276	7197	0.035	ng	# 78

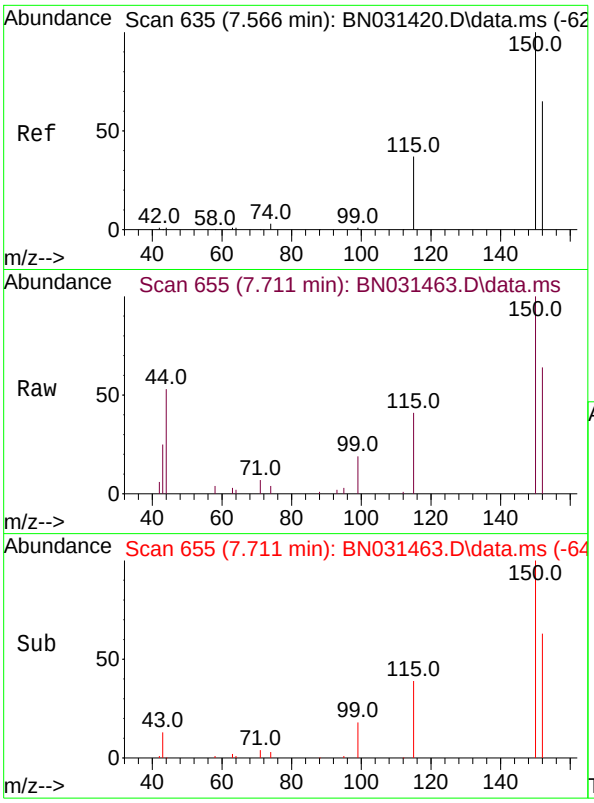
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031463.D
Acq On : 10 May 2024 15:01
Operator : MA/JU
Sample : P2315-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Quant Time: May 10 15:33:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



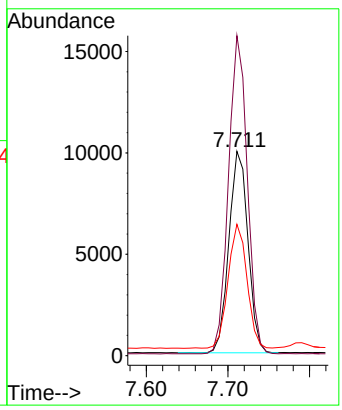


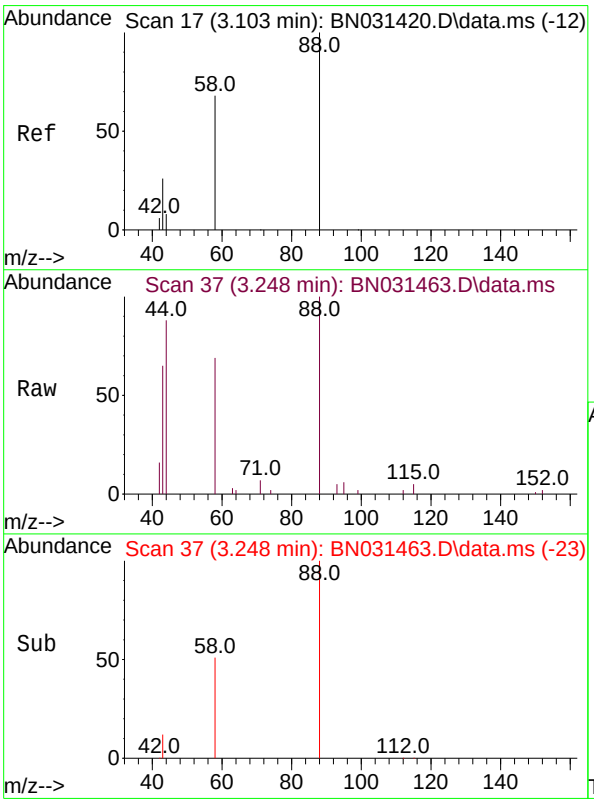
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:152 Resp: 16112

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.3	178.9
115	64.3	54.8	82.2

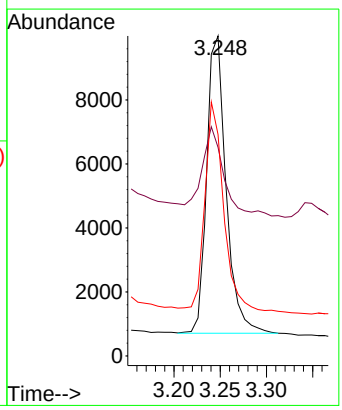


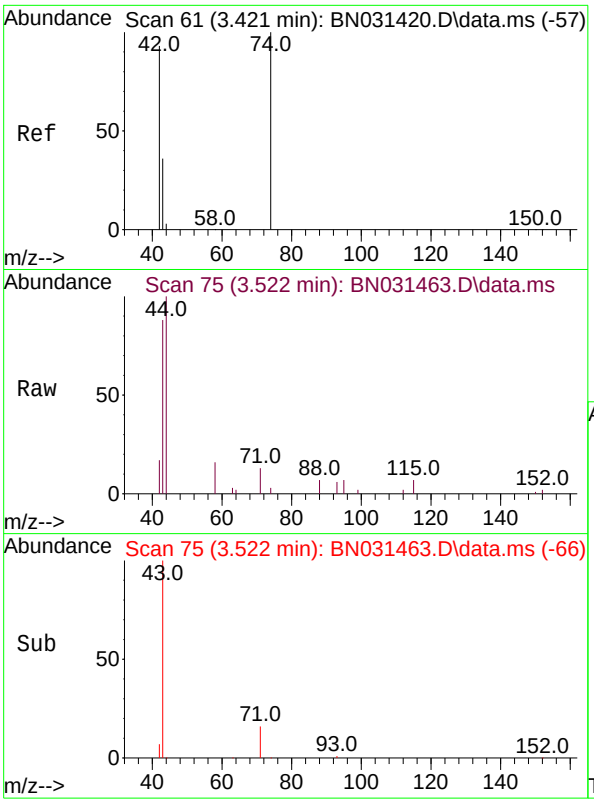


#2
1,4-Dioxane
Concen: 0.681 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion: 88 Resp: 13489

Ion	Ratio	Lower	Upper
88	100		
43	34.0	39.0	58.6#
58	68.4	54.9	82.3



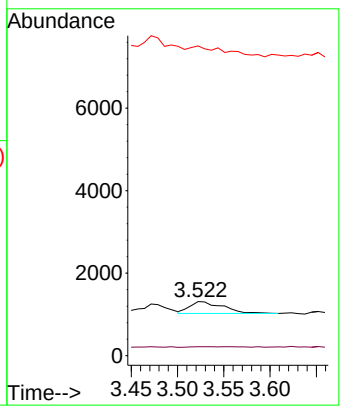


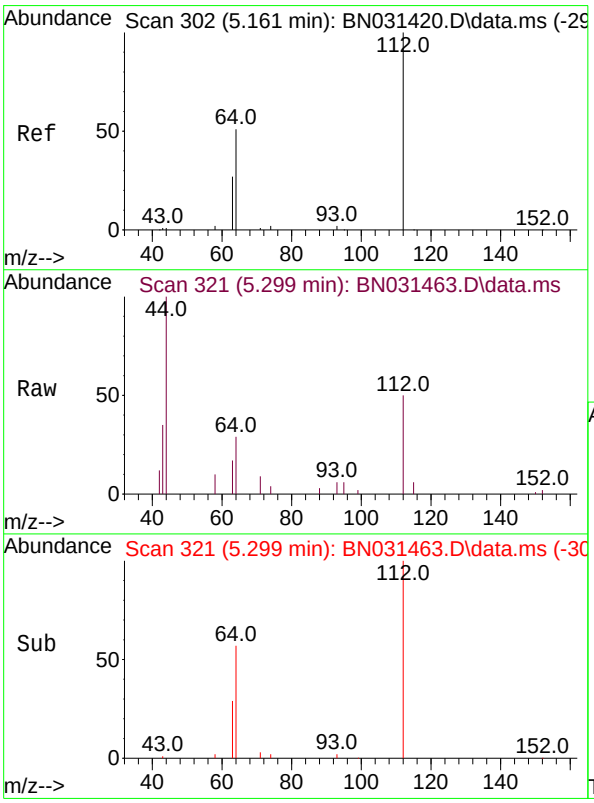
#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.522 min Scan# 7
Delta R.T. -0.036 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion: 42 Resp: 735

Ion	Ratio	Lower	Upper
42	100		
74	4.6	126.4	189.6#
44	0.0	6.9	10.3#

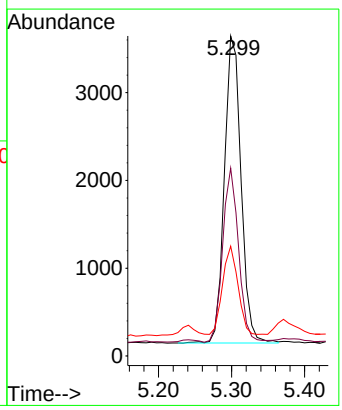


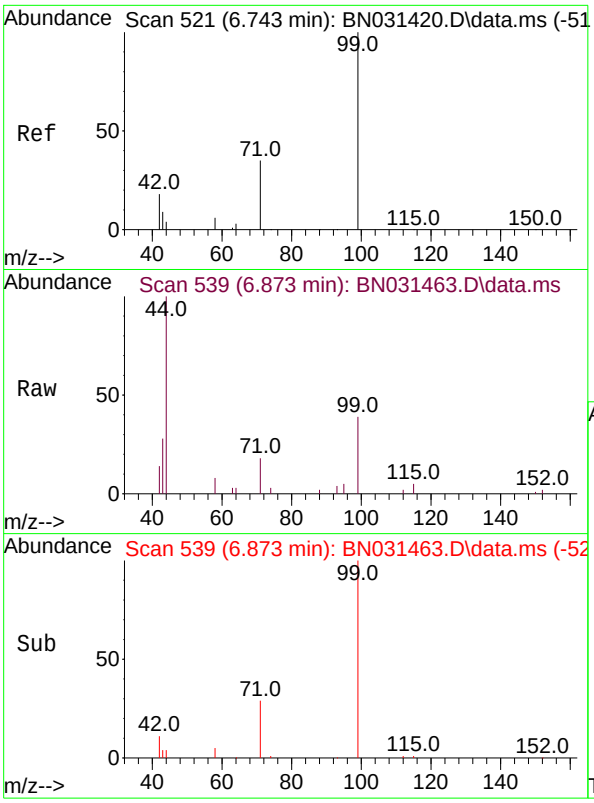


#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:112 Resp: 5523

Ion	Ratio	Lower	Upper
112	100		
64	54.2	44.0	66.0
63	26.6	22.2	33.4



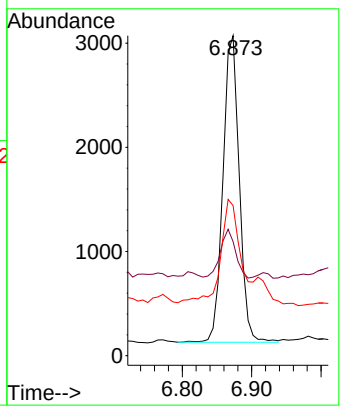


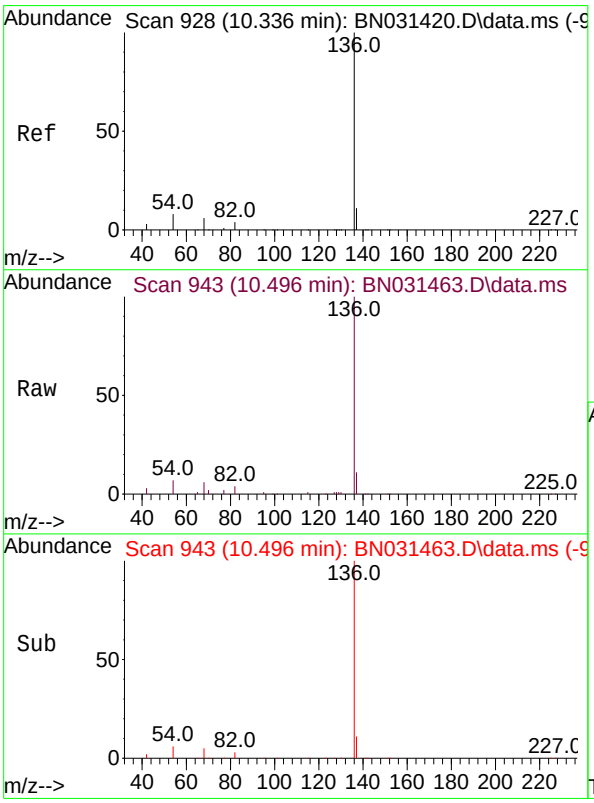
#5
Phenol-d6
Concen: 0.078 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion: 99 Resp: 4803

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	40.1	26.1	39.1#

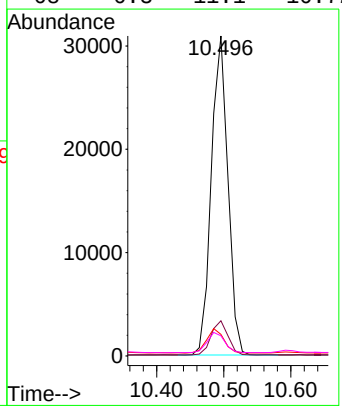


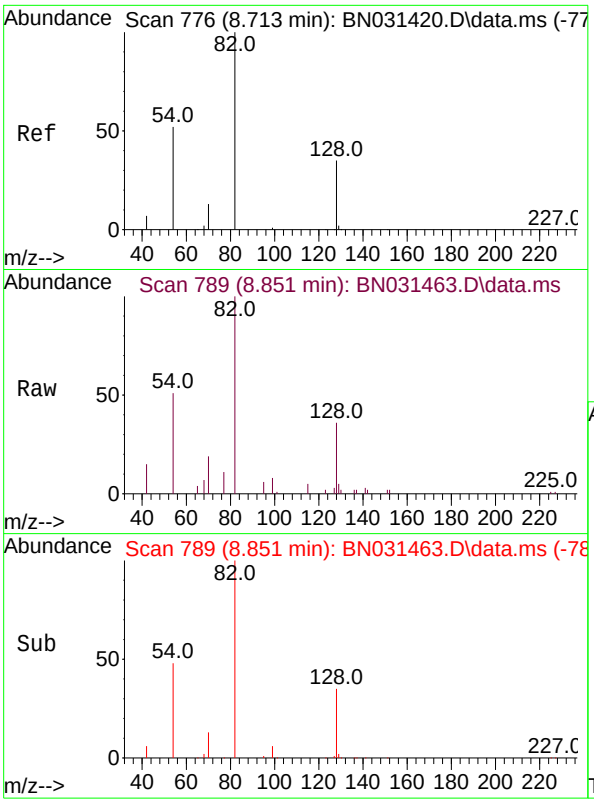


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:136 Resp: 52925

Ion	Ratio	Lower	Upper
136	100		
137	11.0	10.1	15.1
54	6.7	10.5	15.7#
68	6.3	11.1	16.7#



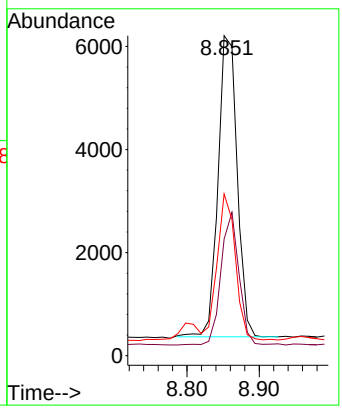


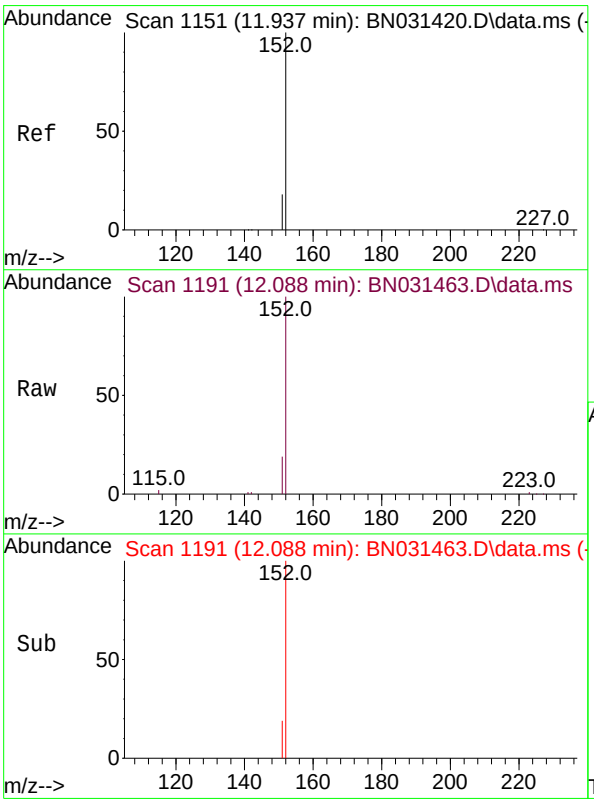
#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.851 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion: 82 Resp: 10723

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.0	43.6
54	50.6	37.2	55.8

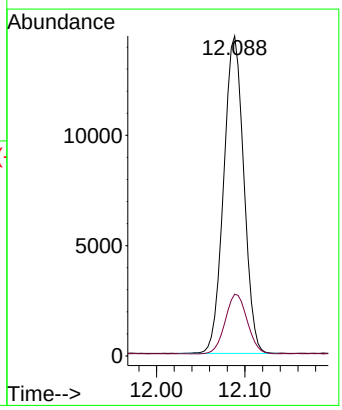


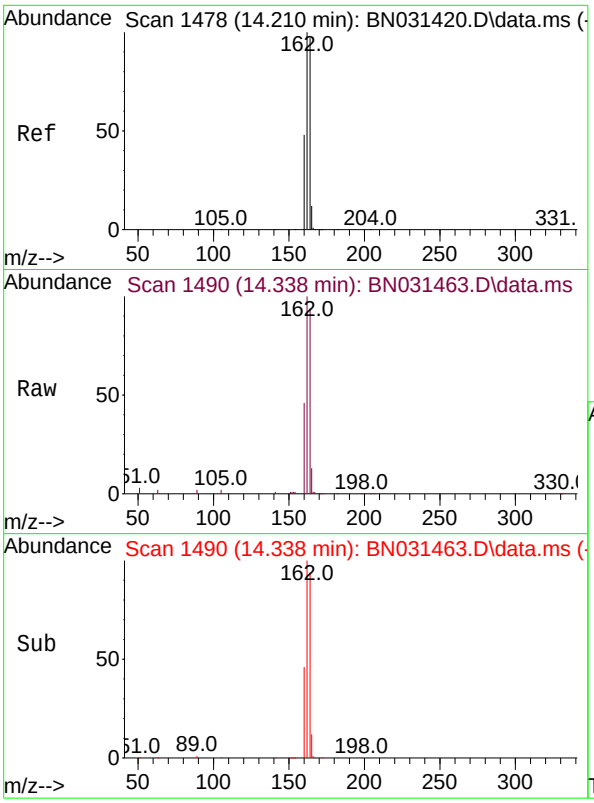


#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.088 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:152 Resp: 22686

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0



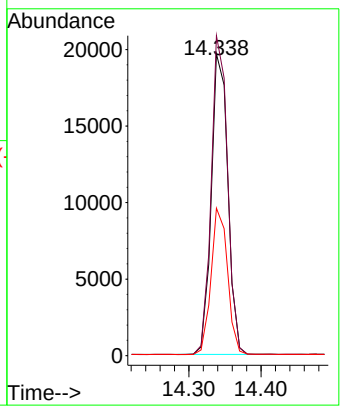


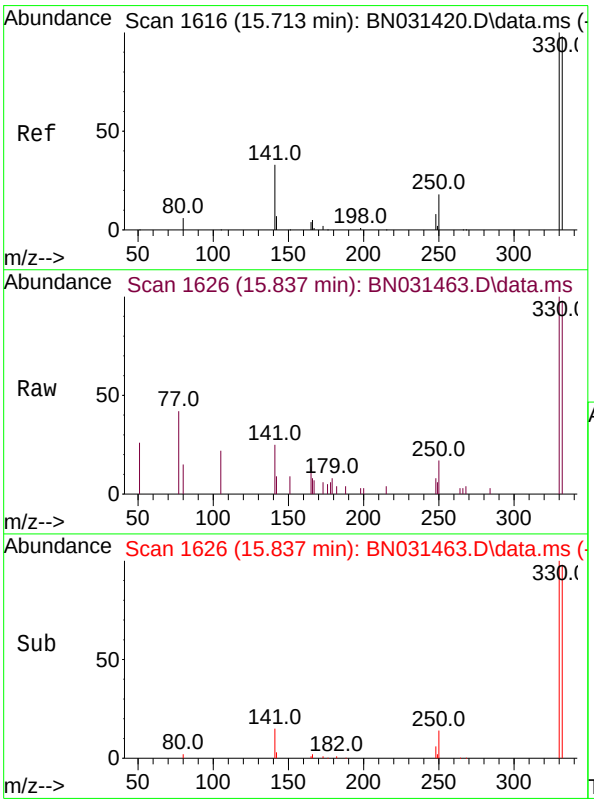
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:164 Resp: 31278

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.2	121.8
160	48.9	37.0	55.6

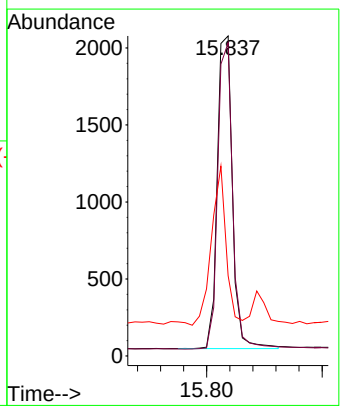


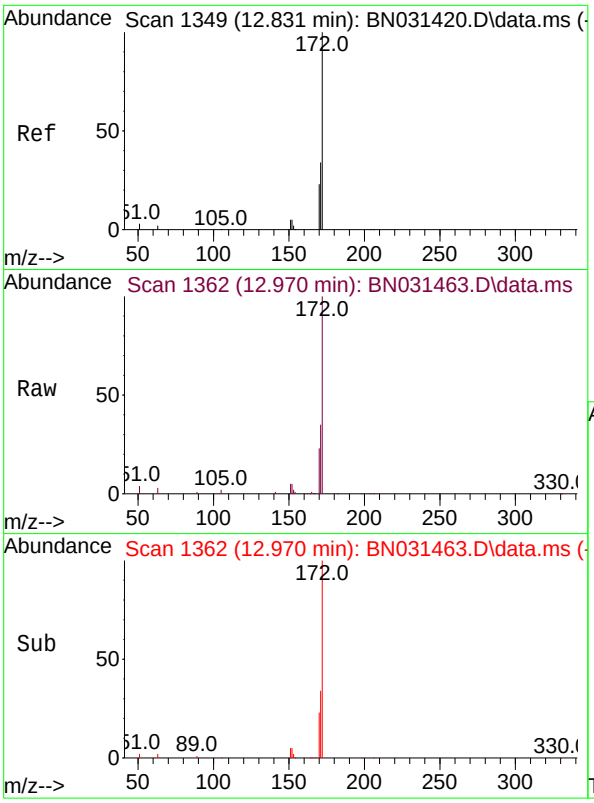


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:330 Resp: 3698

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	49.3	37.0	55.4



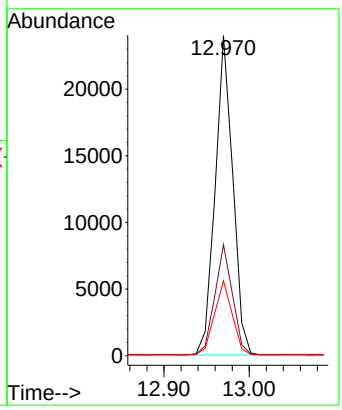


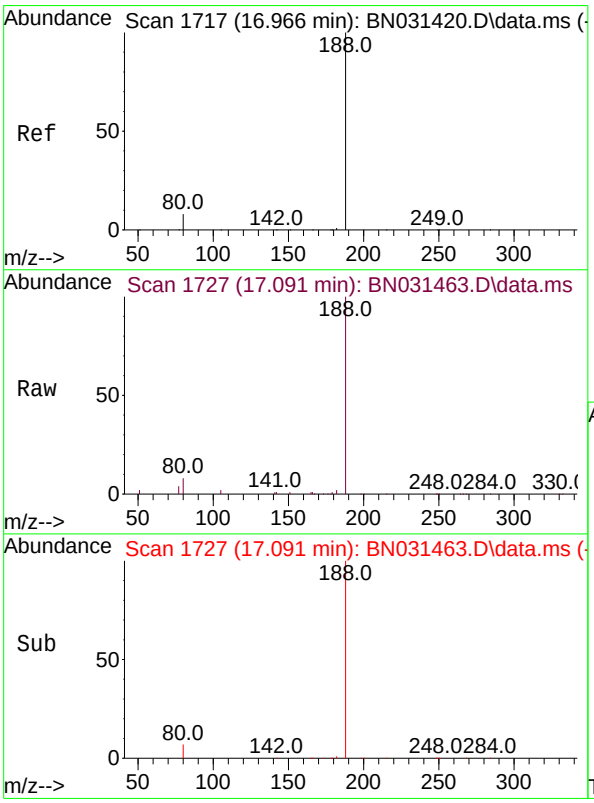
#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:172 Resp: 34318

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.4	18.3	27.5

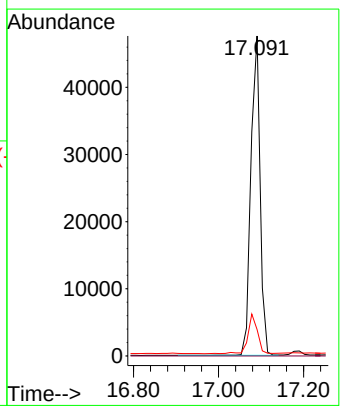


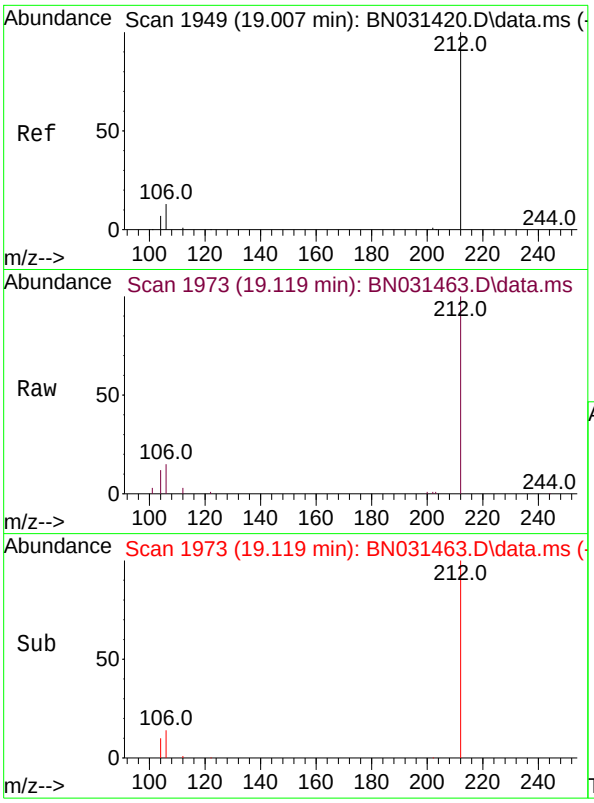


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:188 Resp: 71485

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	9.6	14.4#



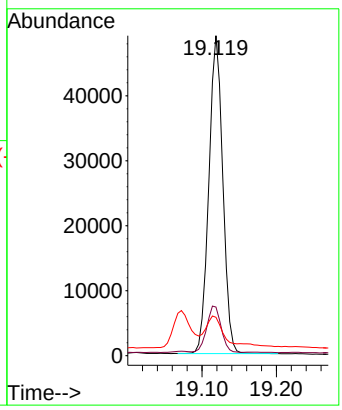


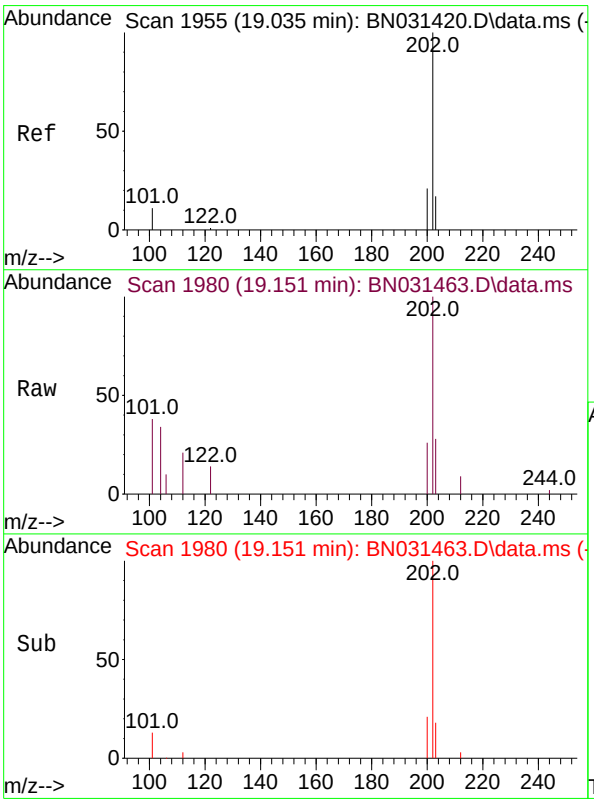
#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.119 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:212 Resp: 63610

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.0	18.0
104	13.0	6.9	10.3#

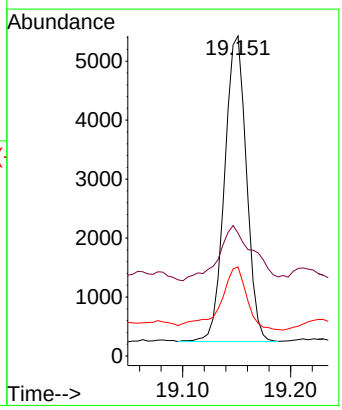


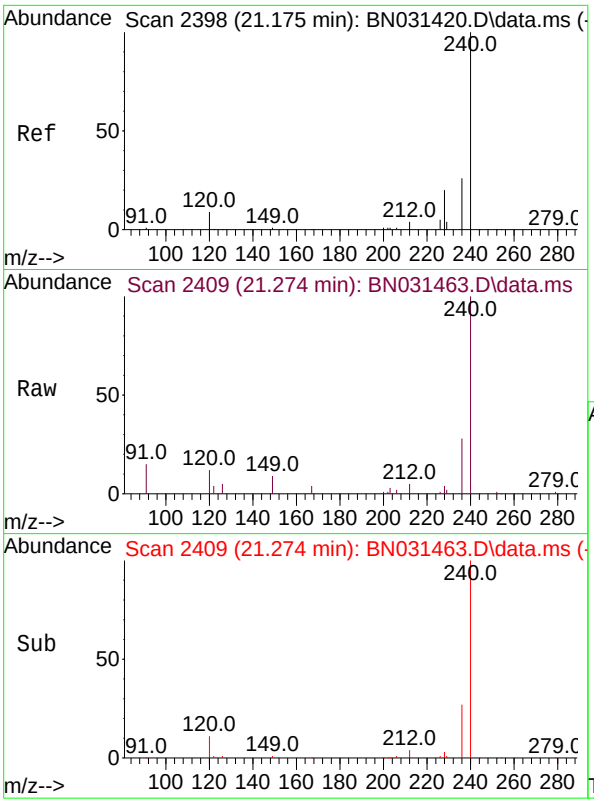


#28
Fluoranthene
Concen: 0.030 ng
RT: 19.151 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:202 Resp: 7304

Ion	Ratio	Lower	Upper
202	100		
101	27.8	9.8	14.6#
203	25.7	13.8	20.8#



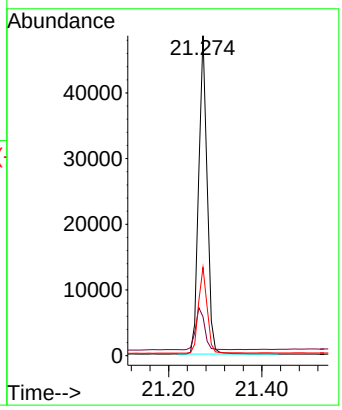


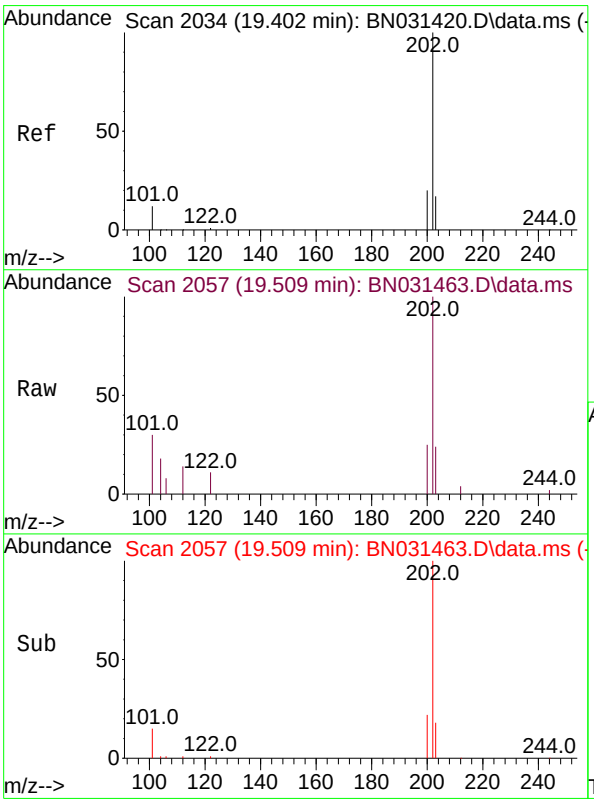
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:240 Resp: 61309

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.4	17.2
236	27.6	22.2	33.4

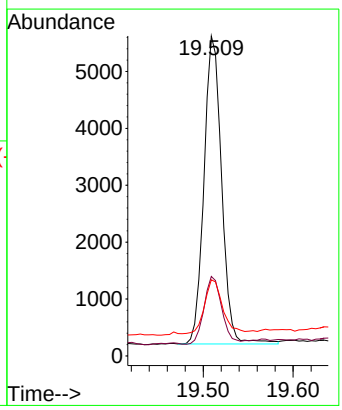


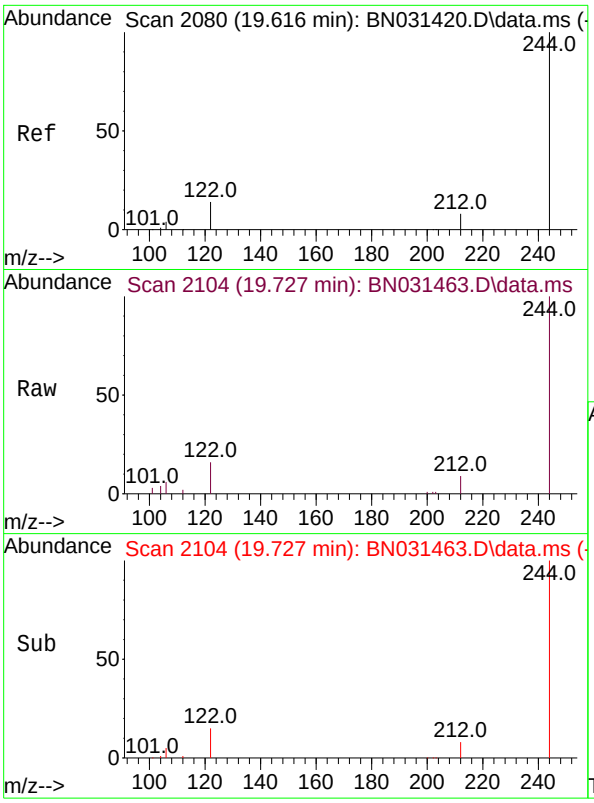


#30
Pyrene
Concen: 0.030 ng
RT: 19.509 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:202 Resp: 7397

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.6	25.0
203	18.3	14.3	21.5



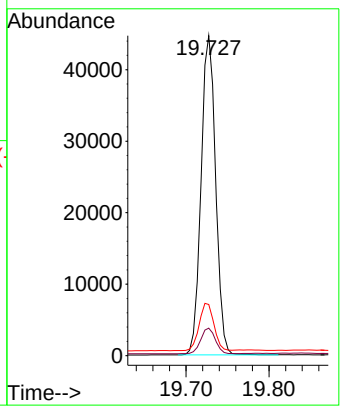


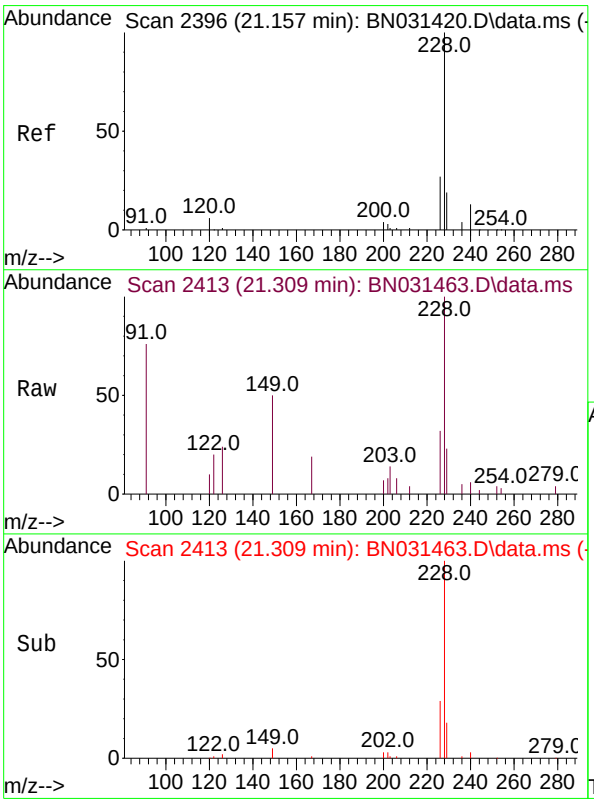
#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.727 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:244 Resp: 54681

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	16.0	11.4	17.2

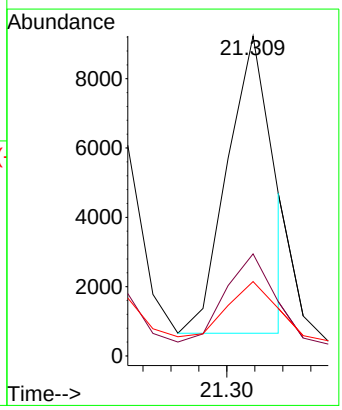


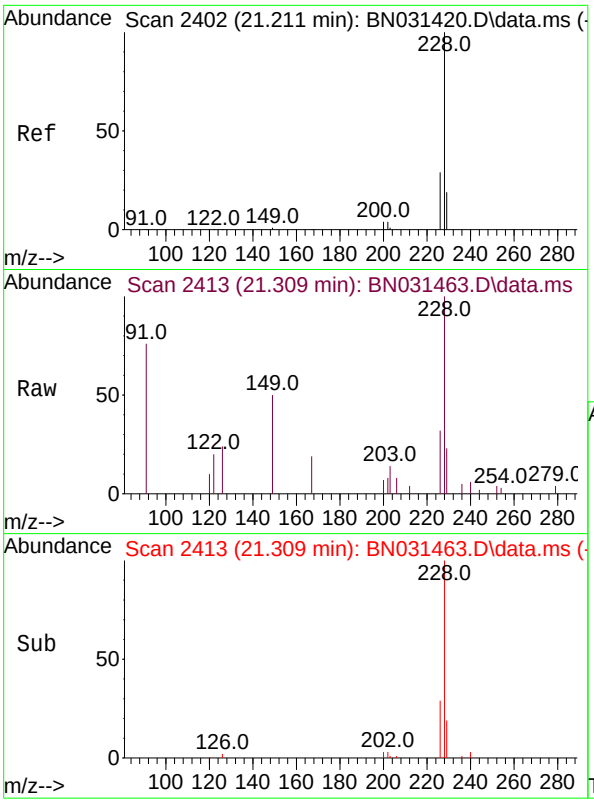


#32
Benzo(a)anthracene
Concen: 0.042 ng
RT: 21.309 min Scan# 2413
Delta R.T. 0.053 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:228 Resp: 9889

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.4	33.6
229	23.2	15.5	23.3



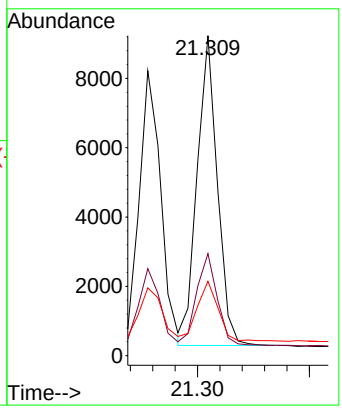


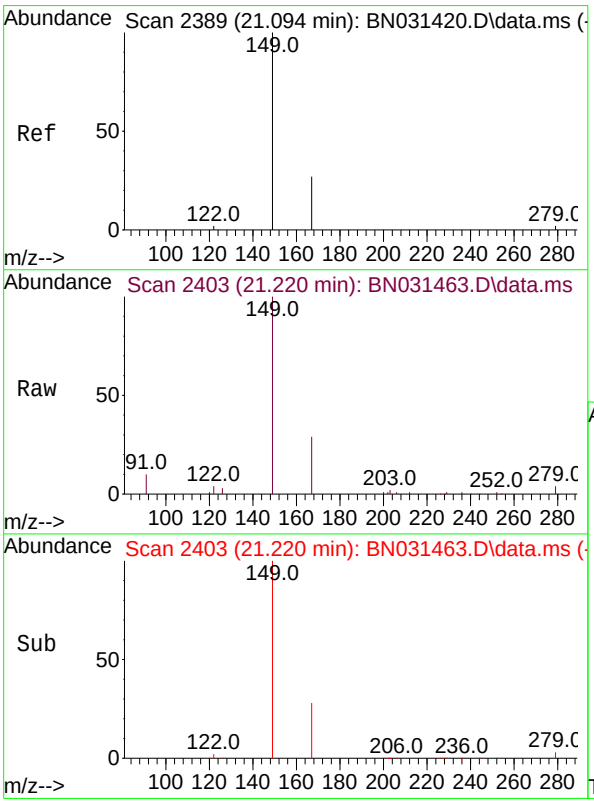
#33
Chrysene
Concen: 0.050 ng
RT: 21.309 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:228 Resp: 11243

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	23.2	15.8	23.8

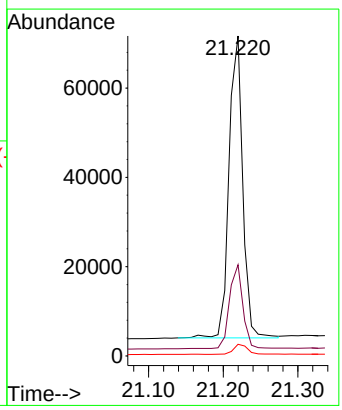


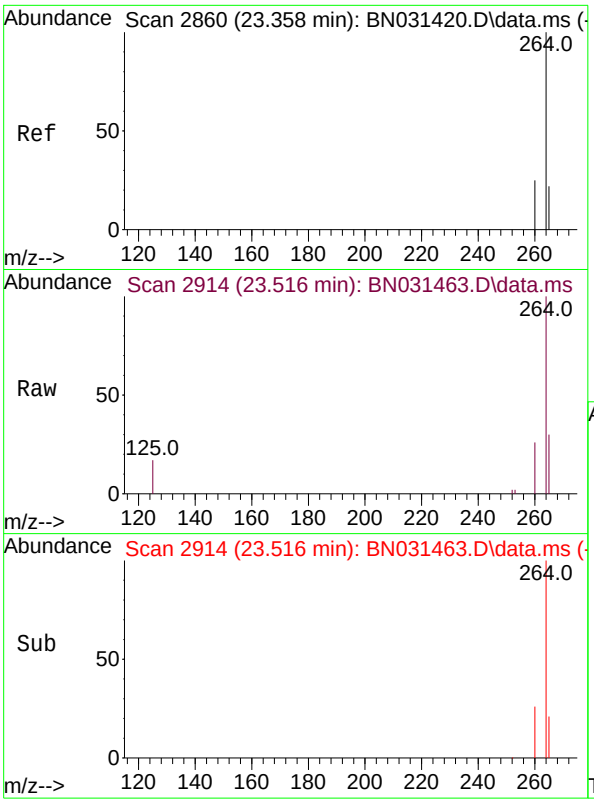


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.622 ng
RT: 21.220 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:149 Resp: 86181

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	3.5	2.7	4.1



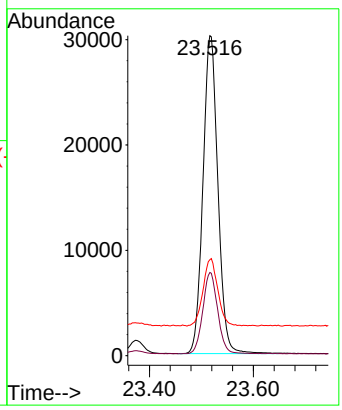


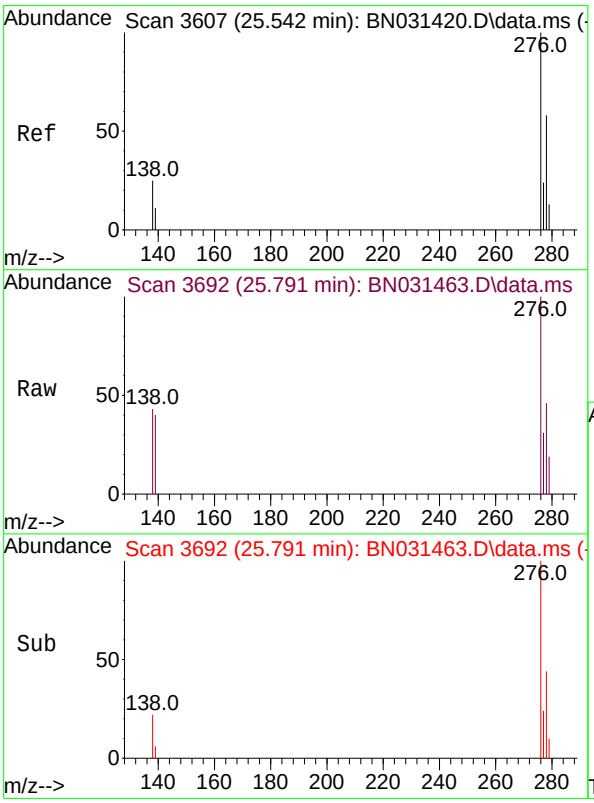
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:264 Resp: 60177

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	30.0	24.0	36.0

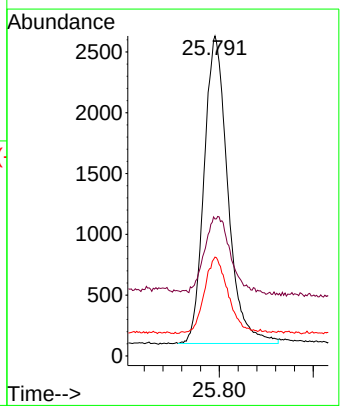


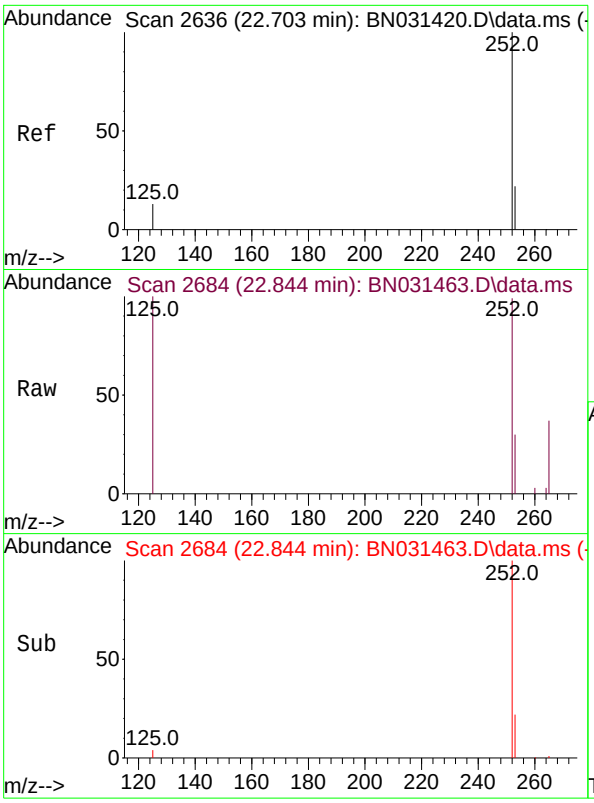


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng
RT: 25.791 min Scan# 3692
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:276 Resp: 8854

Ion	Ratio	Lower	Upper
276	100		
138	26.2	23.0	34.6
277	23.8	19.9	29.9



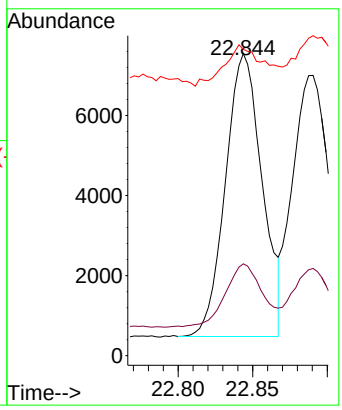


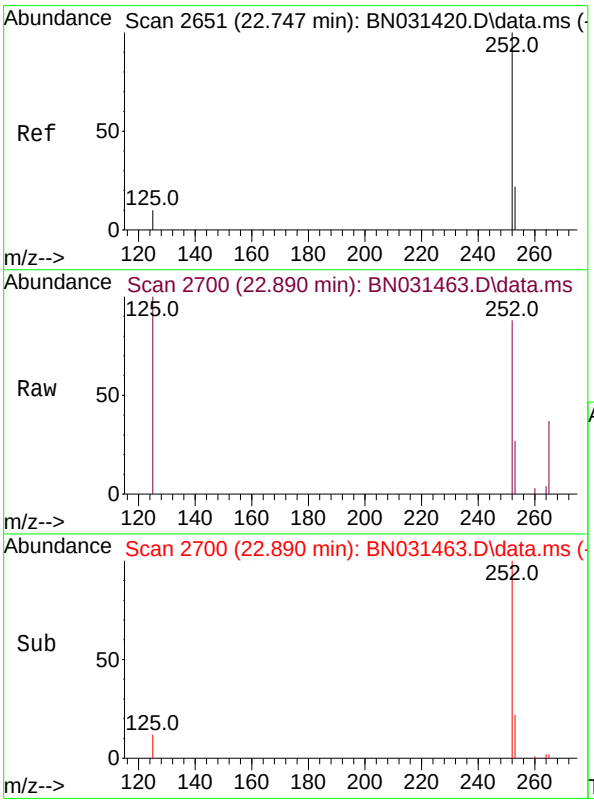
#37
Benzo(b)fluoranthene
Concen: 0.056 ng
RT: 22.844 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:252 Resp: 12079

Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.2	27.4#
125	101.4	10.5	15.7#

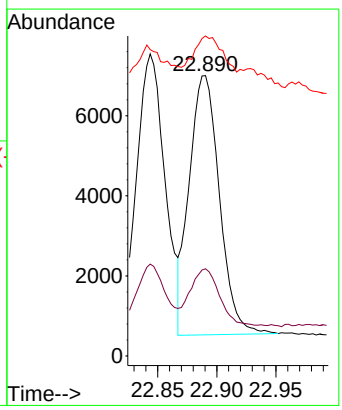


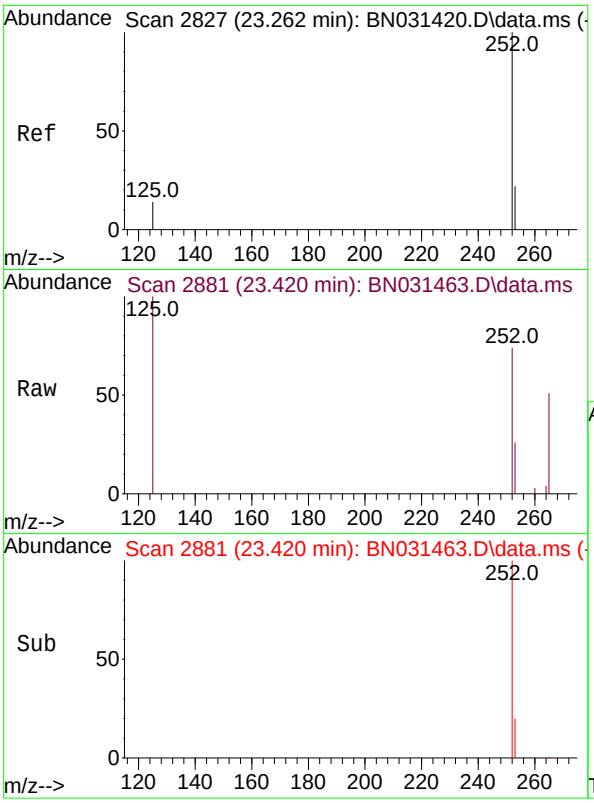


#38
Benzo(k)fluoranthene
Concen: 0.056 ng
RT: 22.890 min Scan# 2700
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:252 Resp: 11522

Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.2	27.2#
125	114.2	11.0	16.6#



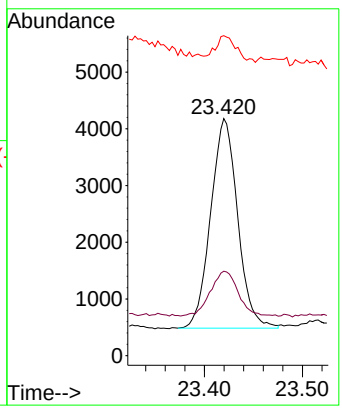


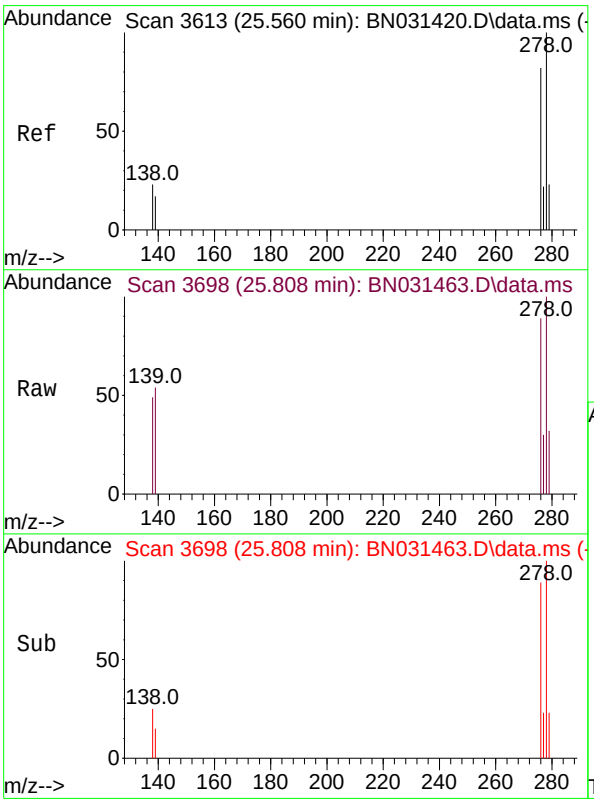
#39
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.420 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:252 Resp: 7078

Ion	Ratio	Lower	Upper
252	100		
253	35.6	18.2	27.2#
125	134.9	11.9	17.9#

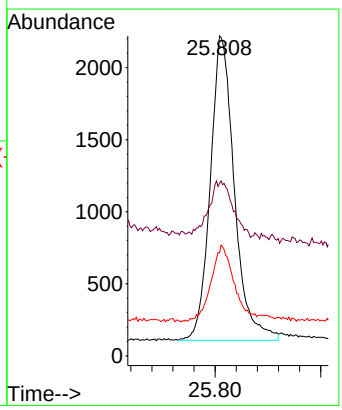


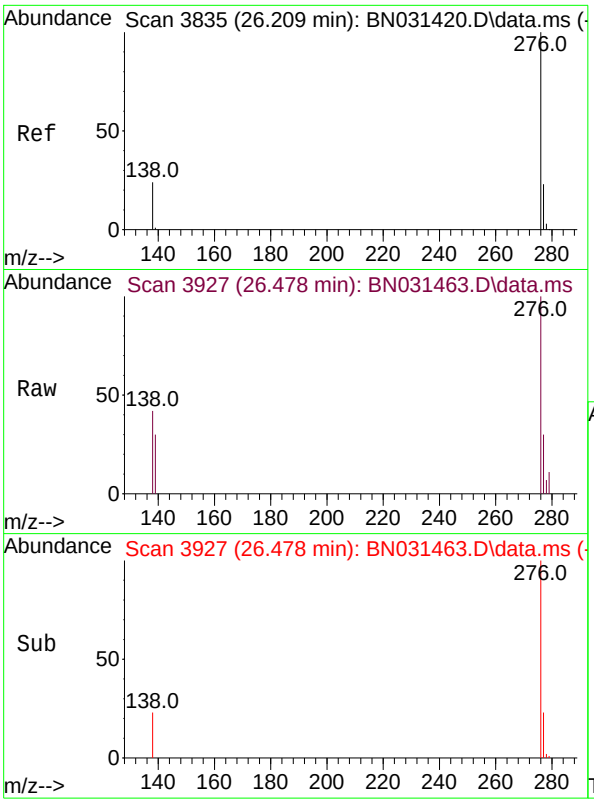


#40
Dibenzo(a,h)anthracene
Concen: 0.035 ng
RT: 25.808 min Scan# 3698
Delta R.T. -0.012 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:278 Resp: 6696

Ion	Ratio	Lower	Upper
278	100		
139	54.0	15.9	23.9#
279	32.3	19.8	29.8#





#41
Benzo(g,h,i)perylene
Concen: 0.035 ng
RT: 26.478 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:276 Resp: 7197

Ion	Ratio	Lower	Upper
276	100		
277	29.8	19.4	29.0#
138	41.7	20.4	30.6#