Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016683.D
Acq On : 02 Oct 2021 22:33
Operator : CG/JU
Sample : M3892-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 04 03:35:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31366	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	142266	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	78881	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	153963	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	155667	0.400	ng	#-0.01
35) Perylene-d12	23.485	264	163583	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	20804	0.260	ng	0.02
5) Phenol-d6	6.831	99	21281	0.243	ng	0.00
8) Nitrobenzene-d5	8.784	82	22342	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	55045	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10787	0.300	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	67173	0.210	ng	-0.01
27) Fluoranthene-d10	19.063	212	92998	0.227	ng	0.00
31) Terphenyl-d14	19.679	244	67395	0.199	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.502	42	3195	0.138	ng	# 1
6) bis(2-Chloroethyl)ether	7.080	93	10323	0.121	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.398	198	21	0.137	ng	# 1
25) Phenanthrene	17.066	178	18055	0.039	ng	97
26) Anthracene	17.151	178	8042	0.020	ng	# 56
28) Fluoranthene	19.093	202	52420	0.105	ng	98
30) Pyrene	19.455	202	43999	0.087	ng	# 96
32) Benzo(a)anthracene	21.217	228	35414	0.074	ng	97
33) Chrysene	21.270	228	37949	0.078	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	29475	0.155	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.764	276	27610	0.047	ng	# 85
37) Benzo(b)fluoranthene	22.807	252	51145	0.097	ng	# 87
38) Benzo(k)fluoranthene	22.848	252	25135	0.048	ng	# 46
39) Benzo(a)pyrene	23.385	252	29865	0.064	ng	# 79
40) Dibenzo(a,h)anthracene	25.785	278	13152	0.028	ng	# 49
41) Benzo(g,h,i)perylene	26.459	276	22646	0.044	ng	# 87

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

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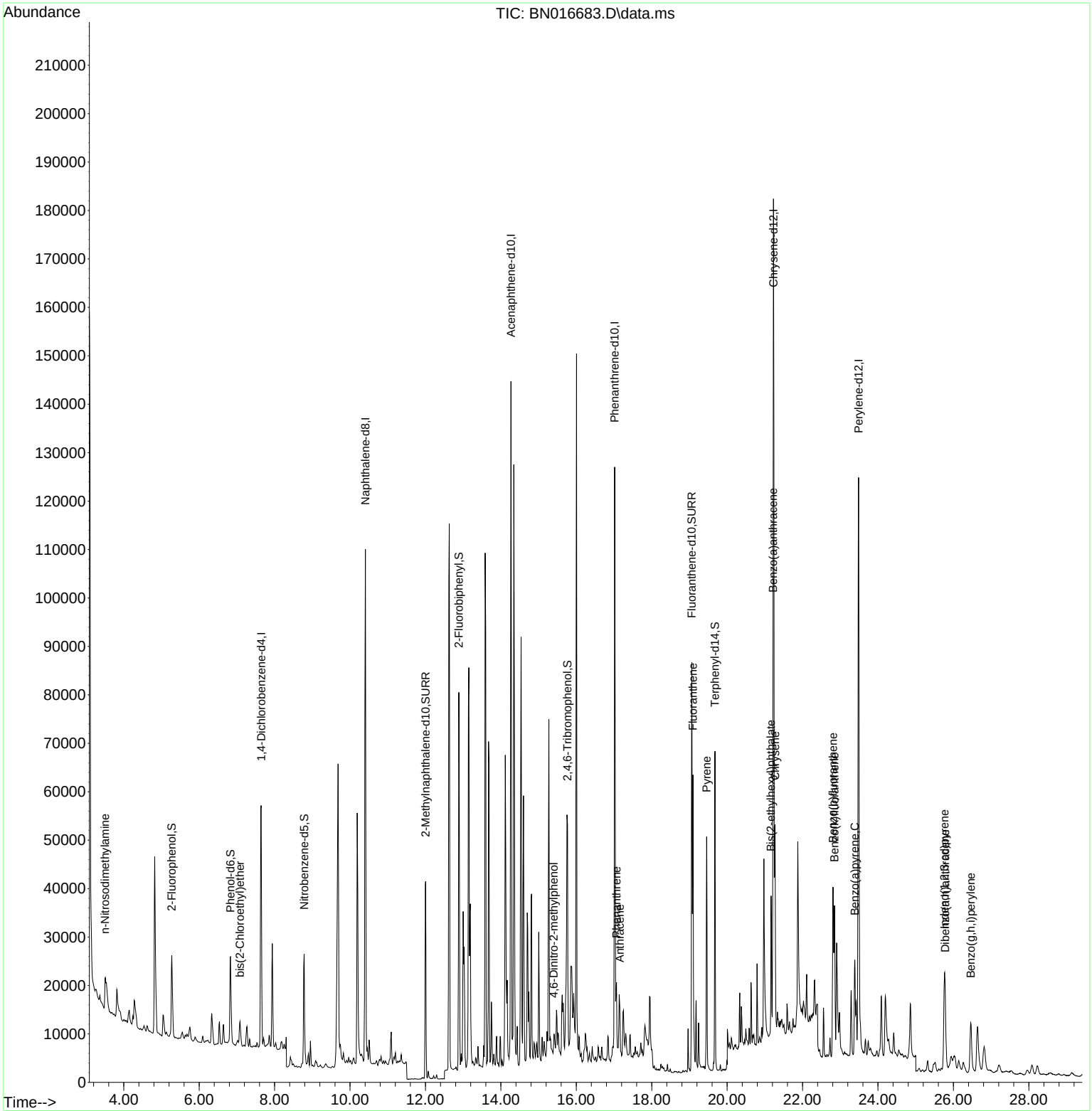
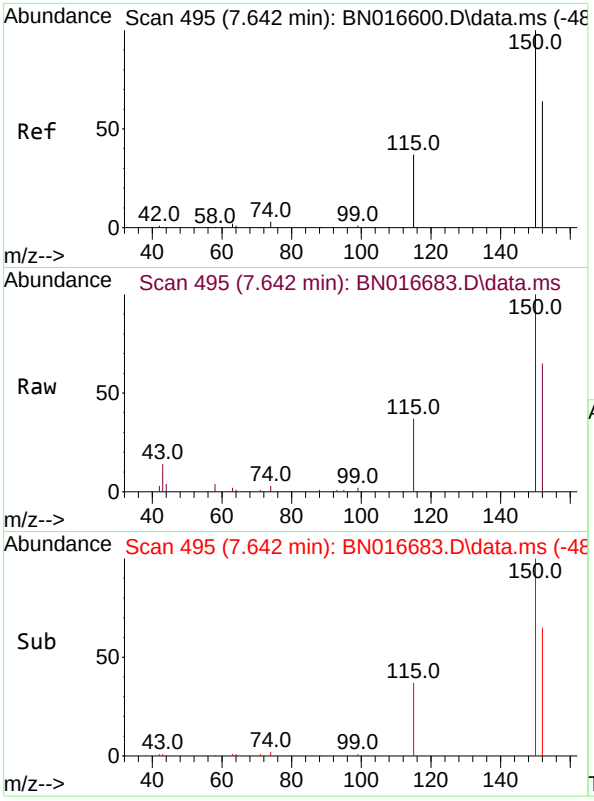
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

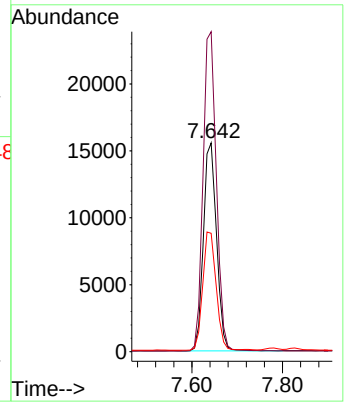




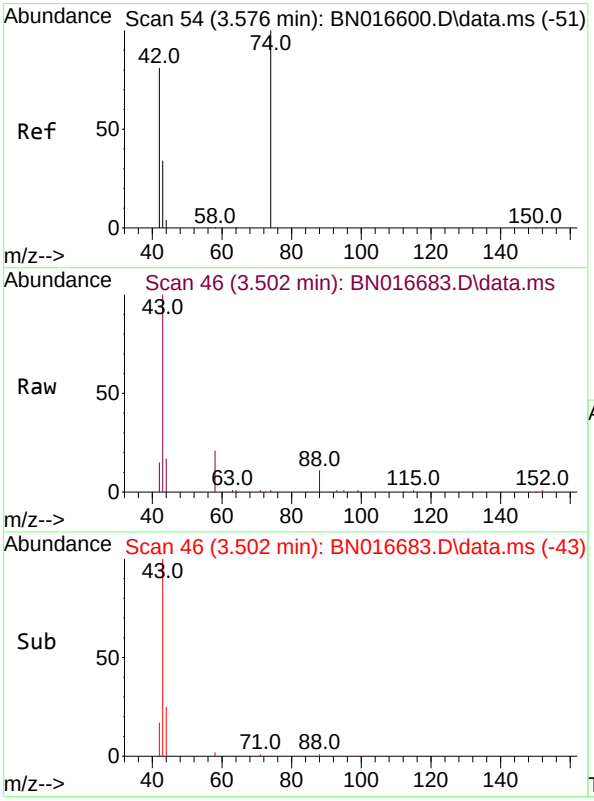
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:152 Resp: 31366

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	56.7	46.5	69.7



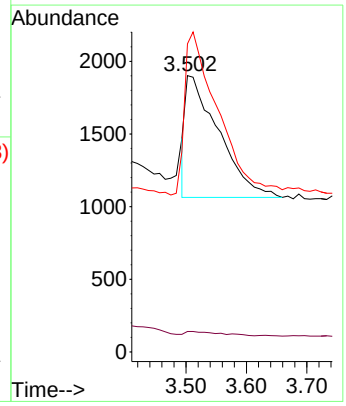
Instrument :
BNA_N
ClientSampleId :

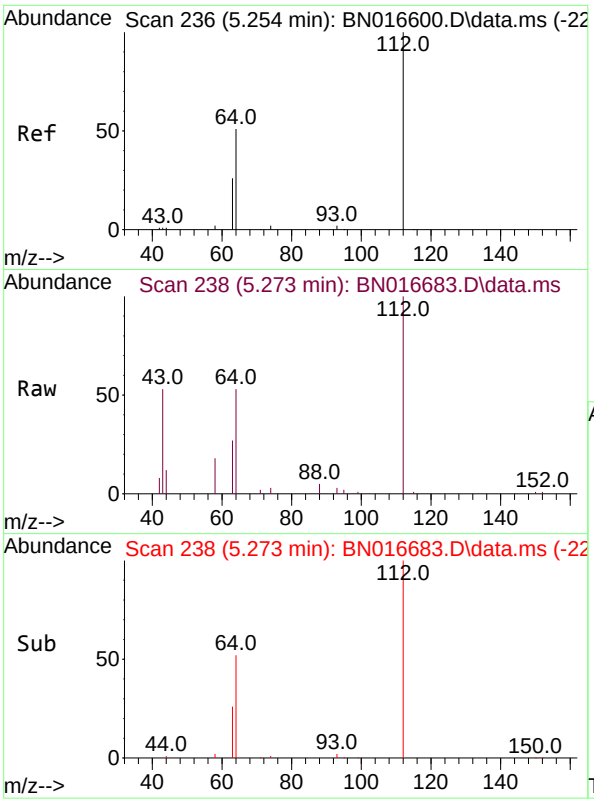


#3
n-Nitrosodimethylamine
Concen: 0.138 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion: 42 Resp: 3195

Ion	Ratio	Lower	Upper
42	100		
74	3.6	121.6	182.4#
44	118.7	6.3	9.5#

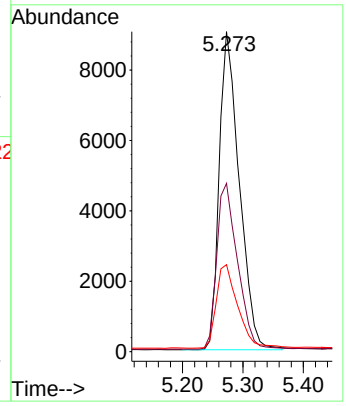




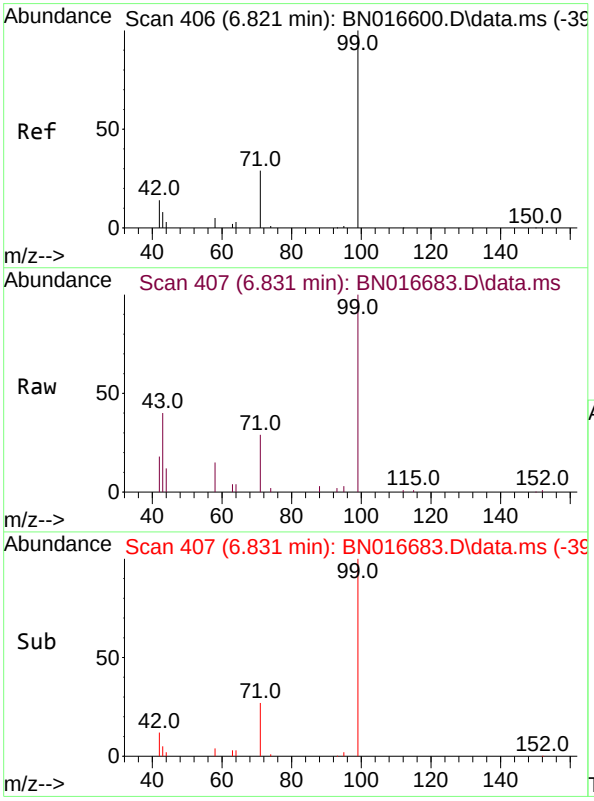
#4
2-Fluorophenol
Concen: 0.260 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:112 Resp: 20804

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.1	64.7
63	28.1	21.6	32.4



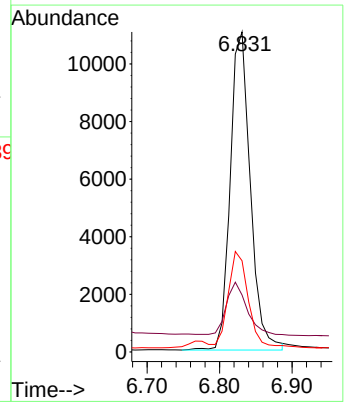
Instrument :
BNA_N
ClientSampleId :



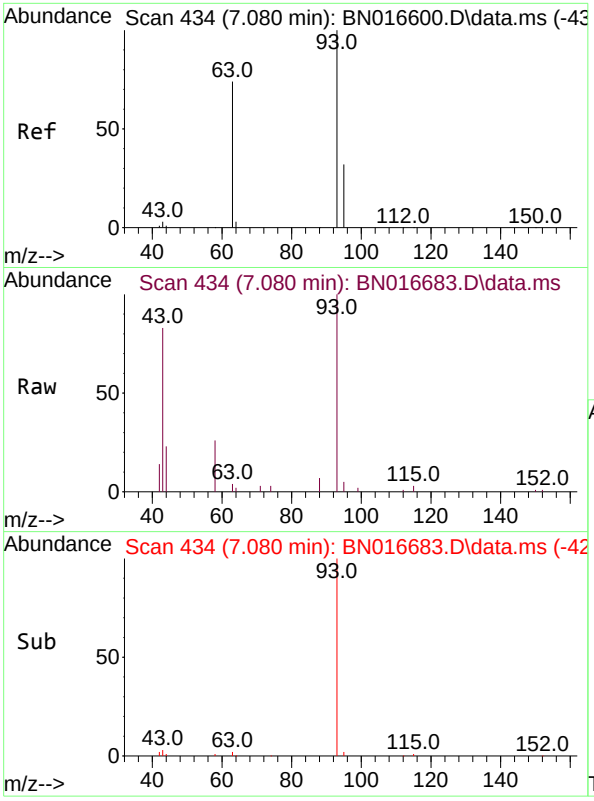
#5
Phenol-d6
Concen: 0.243 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion: 99 Resp: 21281

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	28.4	23.5	35.3



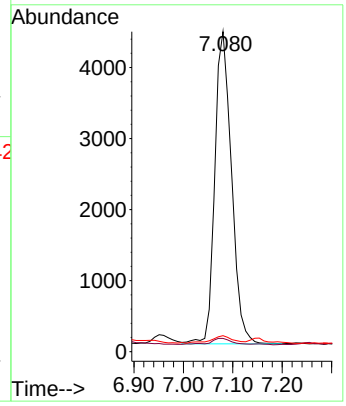
Instrument :
BNA_N
ClientSampleId :

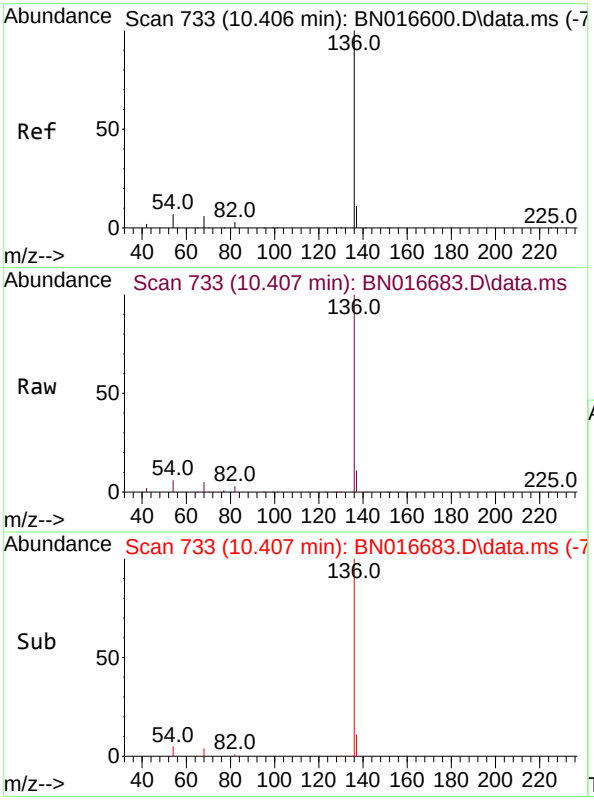


#6
bis(2-Chloroethyl)ether
Concen: 0.121 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion: 93 Resp: 10323

Ion	Ratio	Lower	Upper
93	100		
63	2.2	59.1	88.7#
95	3.1	26.2	39.4#

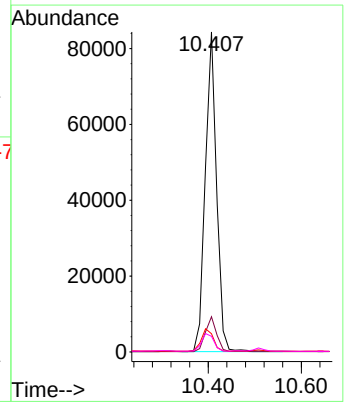




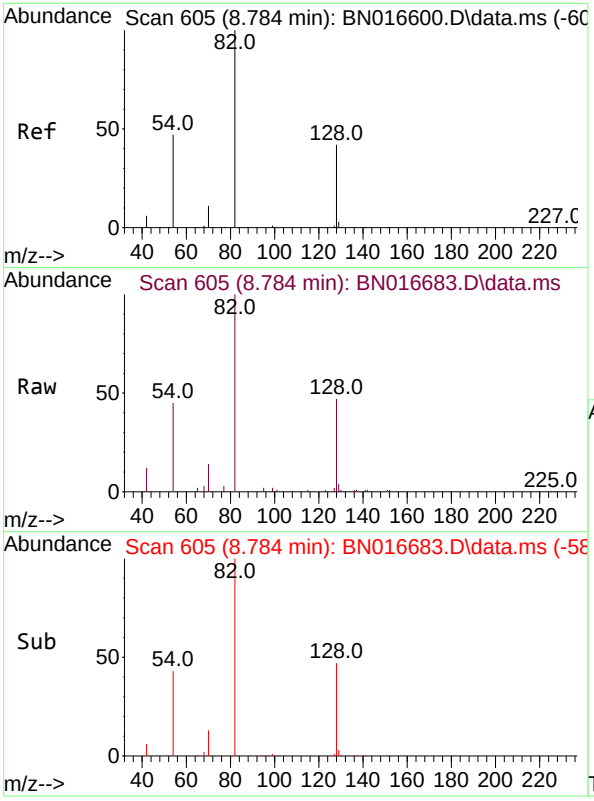
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:136 Resp: 142266

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.7	5.9	8.9#
68	4.9	5.0	7.6#



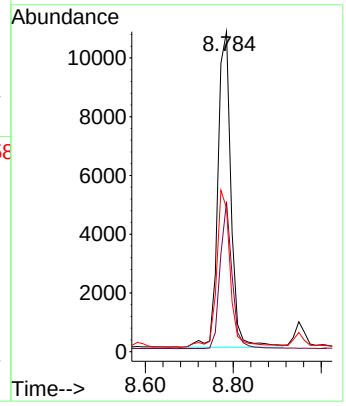
Instrument :
BNA_N
ClientSampleId :

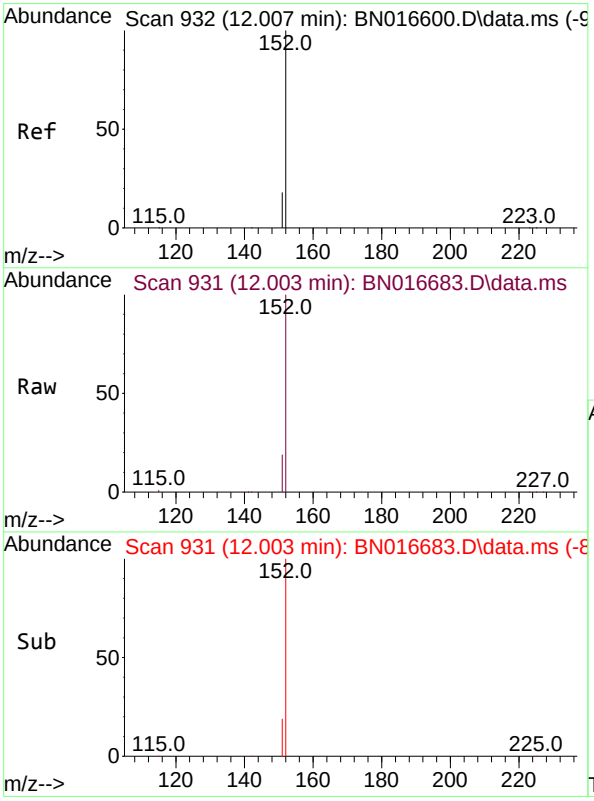


#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion: 82 Resp: 22342

Ion	Ratio	Lower	Upper
82	100		
128	46.9	33.6	50.4
54	44.9	37.6	56.4

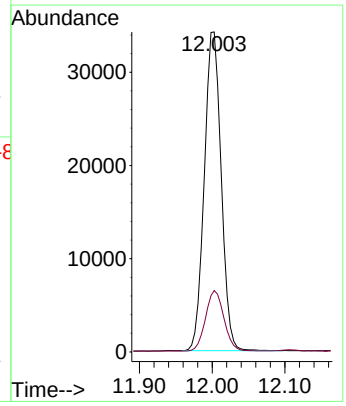




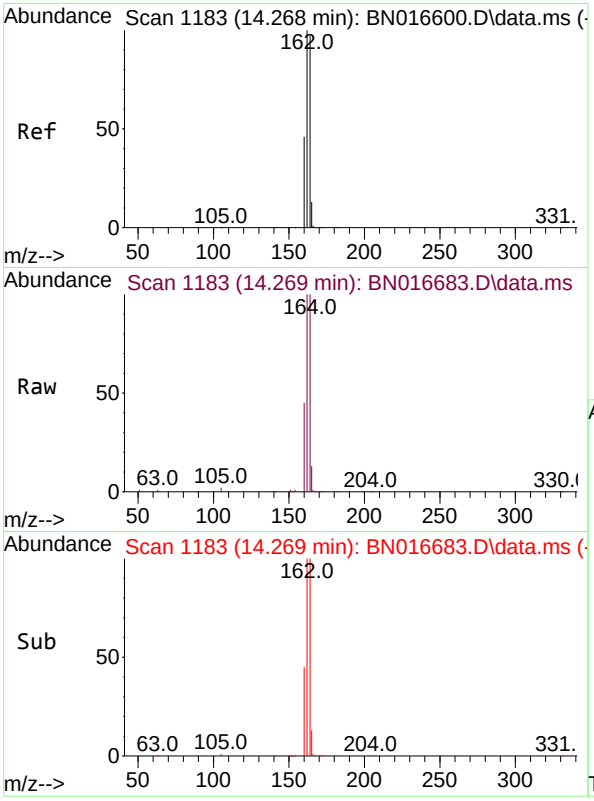
#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:152 Resp: 55045

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4



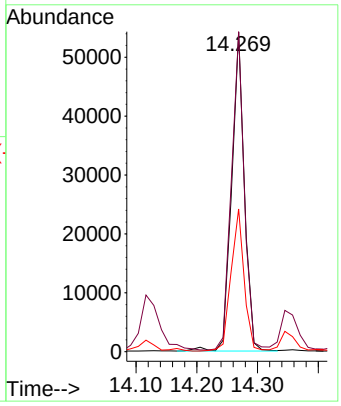
Instrument :
BNA_N
ClientSampleId :

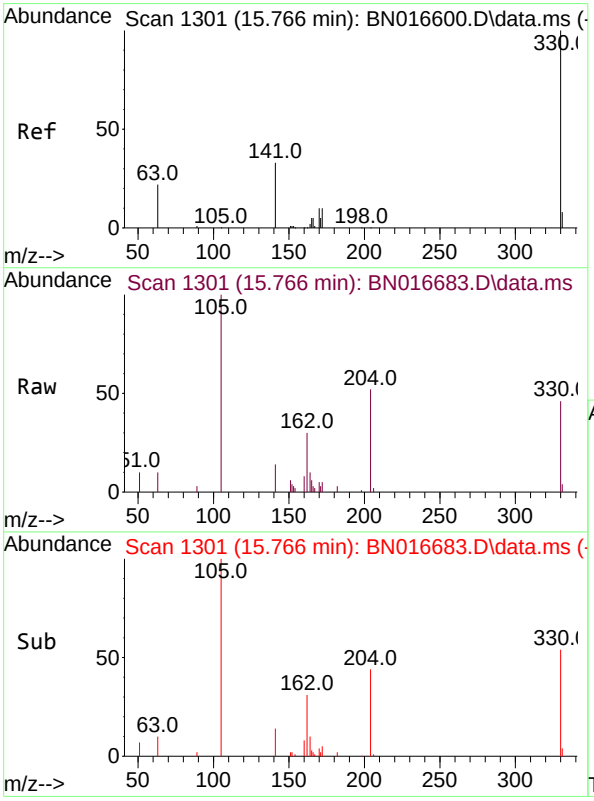


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:164 Resp: 78881

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.2	123.2
160	44.7	37.7	56.5

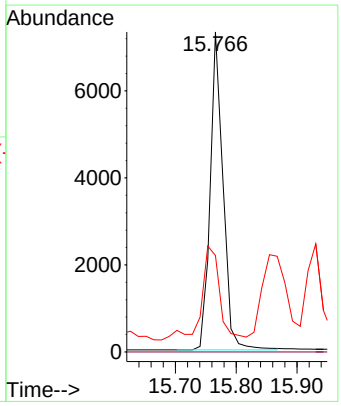


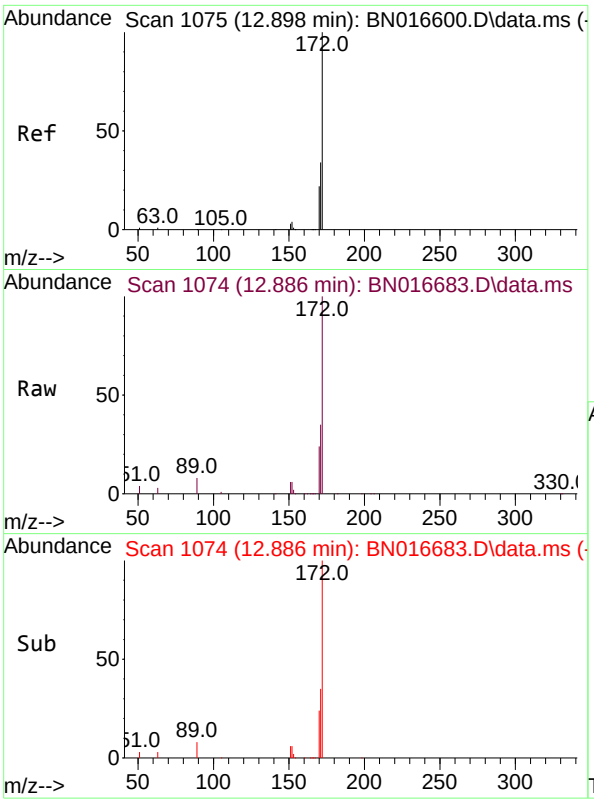


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:330 Resp: 10787

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.7	25.2	37.8

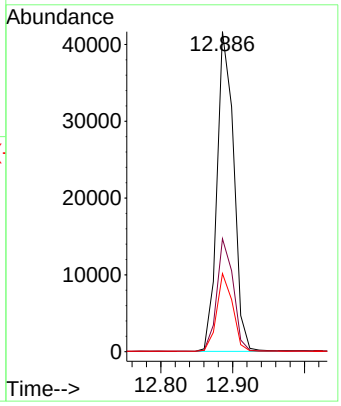




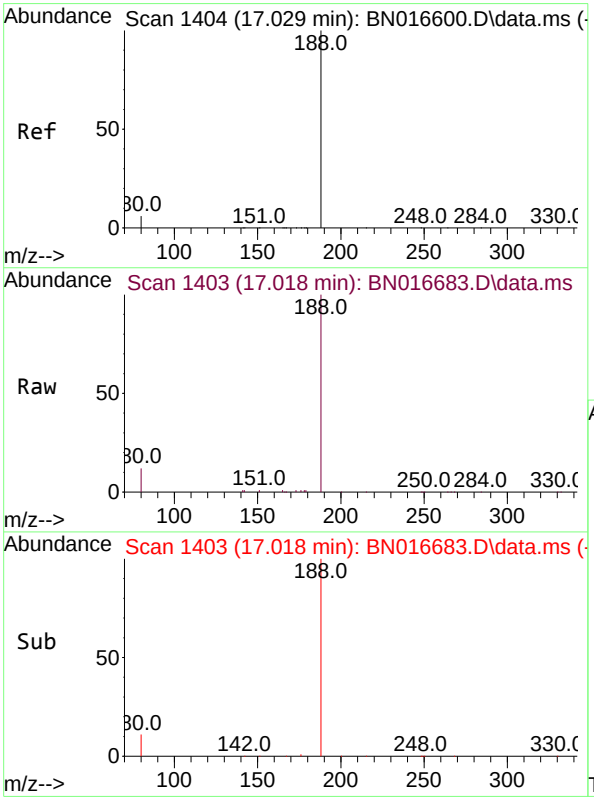
#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:172 Resp: 67173

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.0	40.4
170	24.4	17.4	26.2



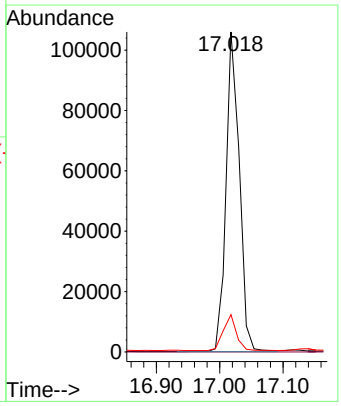
Instrument :
BNA_N
ClientSampleId :

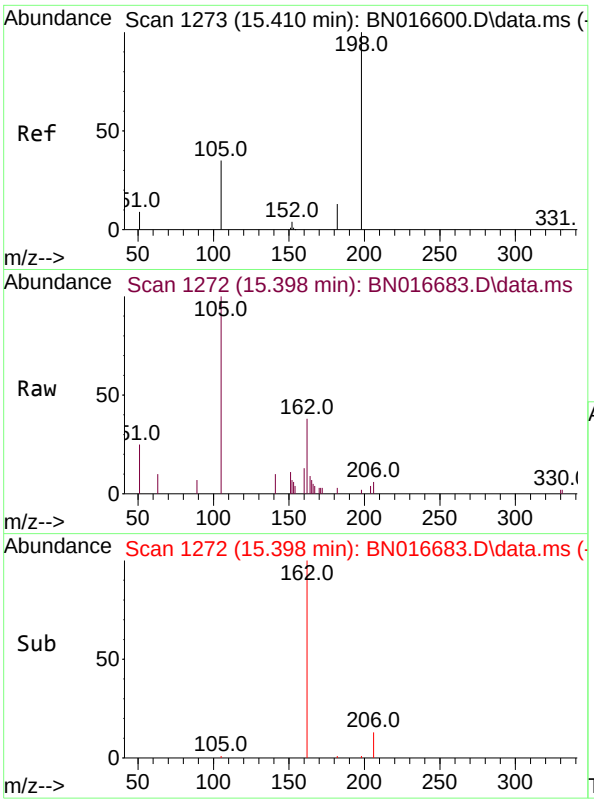


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:188 Resp: 153963

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	5.0	7.6#

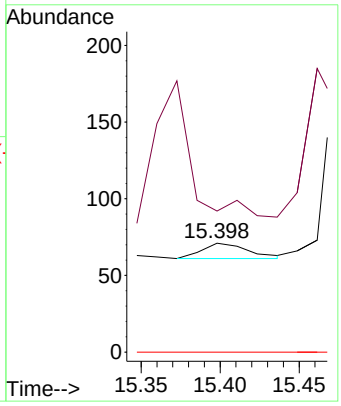




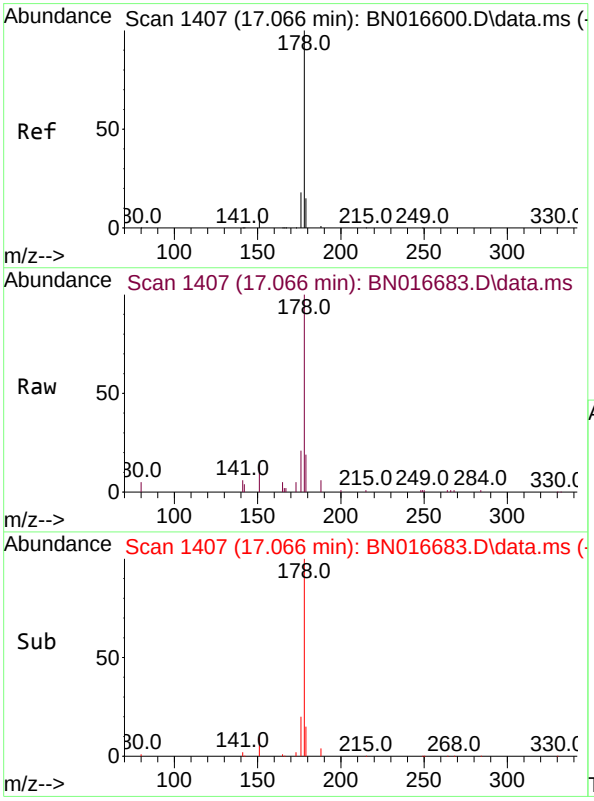
#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:198 Resp: 21

Ion	Ratio	Lower	Upper
198	100		
182	129.6	11.8	17.8#
77	0.0	0.0	0.0



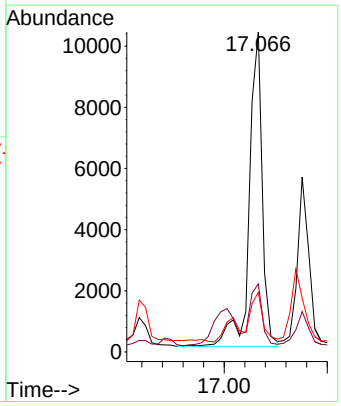
Instrument :
BNA_N
ClientSampleId :



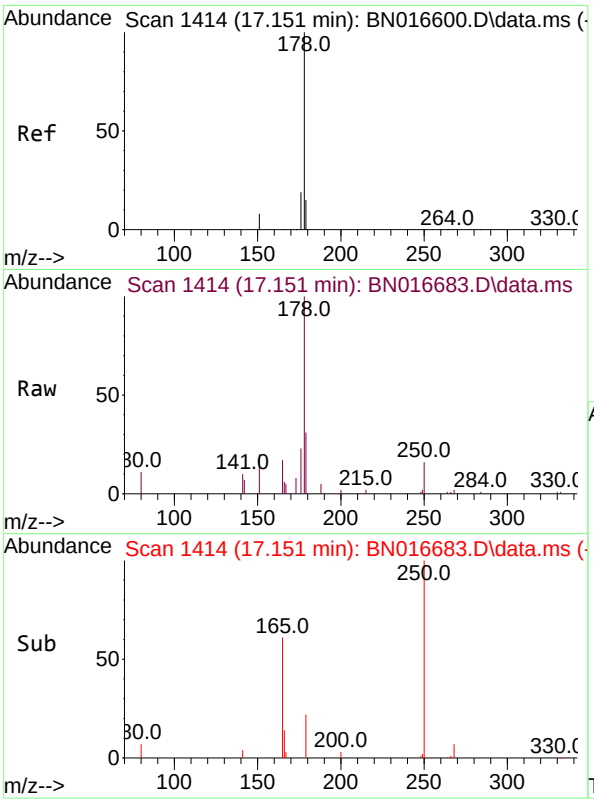
#25
Phenanthrene
Concen: 0.039 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:178 Resp: 18055

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	12.7	12.2	18.4



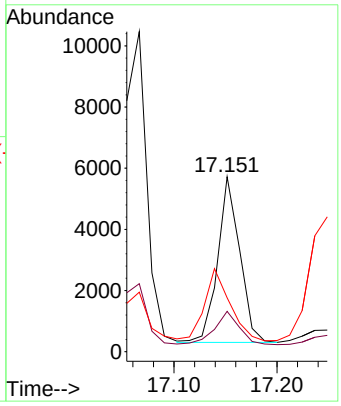
Instrument :
BNA_N
ClientSampleId :

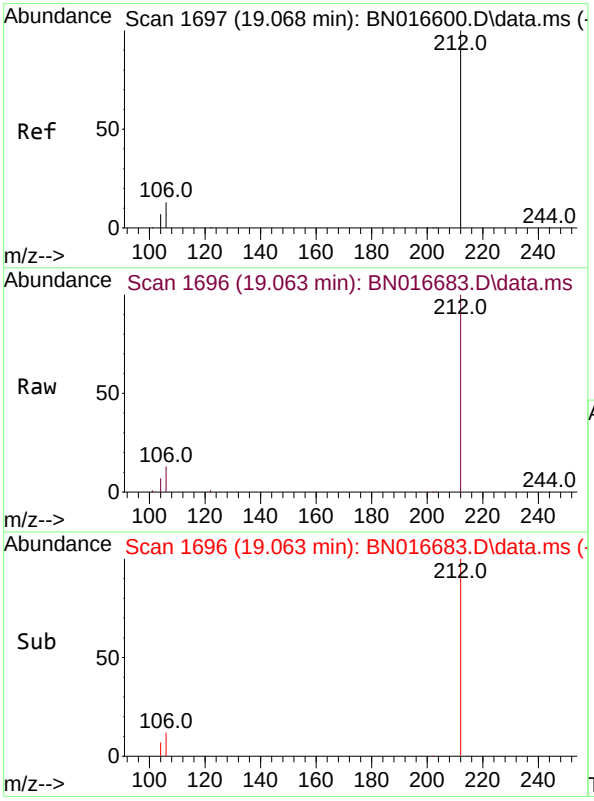


#26
Anthracene
Concen: 0.020 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:178 Resp: 8042

Ion	Ratio	Lower	Upper
178	100		
176	22.8	14.6	21.8#
179	50.0	12.2	18.4#

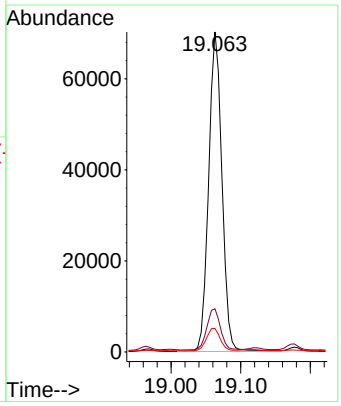


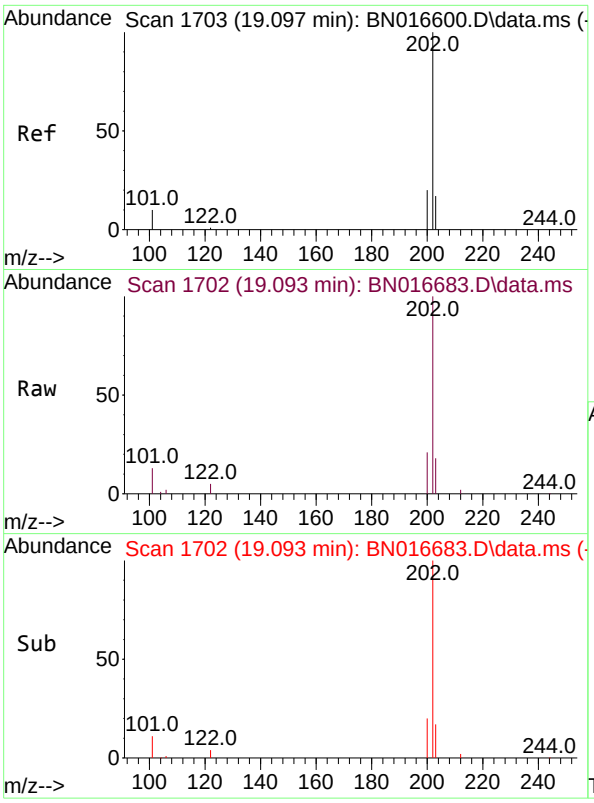


#27
Fluoranthene-d10
Concen: 0.227 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:212 Resp: 92998

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.3	5.9	8.9

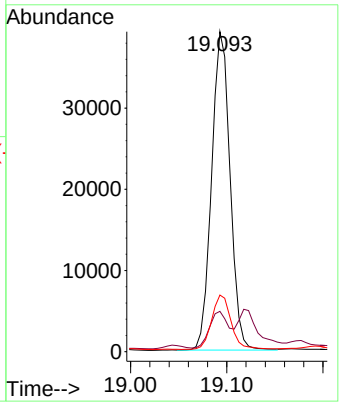




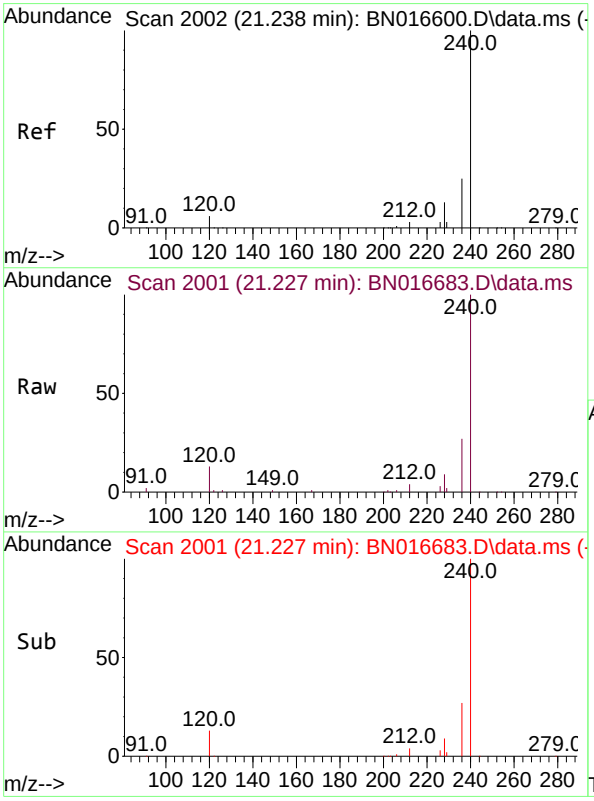
#28
Fluoranthene
Concen: 0.105 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:202 Resp: 52420

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.4
203	17.9	13.8	20.6



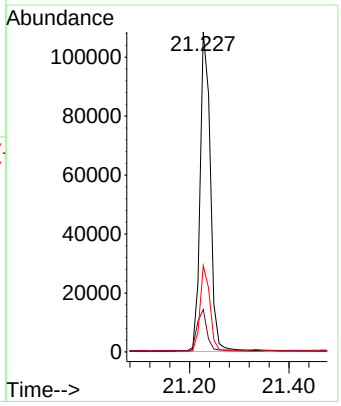
Instrument :
BNA_N
ClientSampleId :

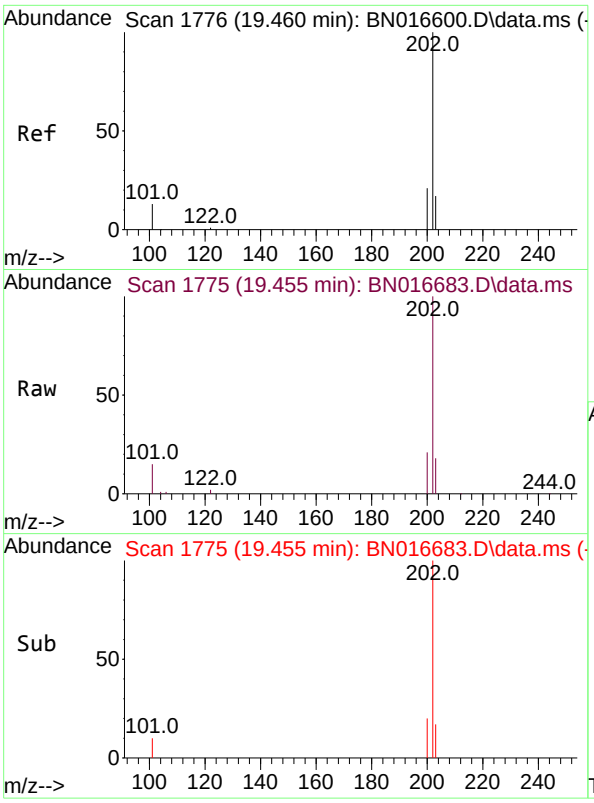


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:240 Resp: 155667

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.0	7.4#
236	27.0	20.4	30.6

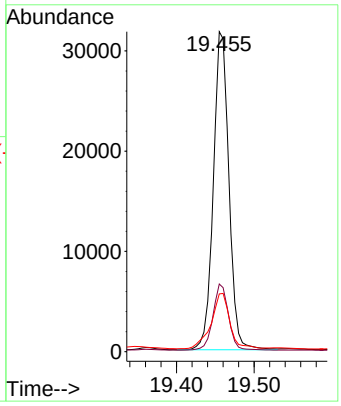




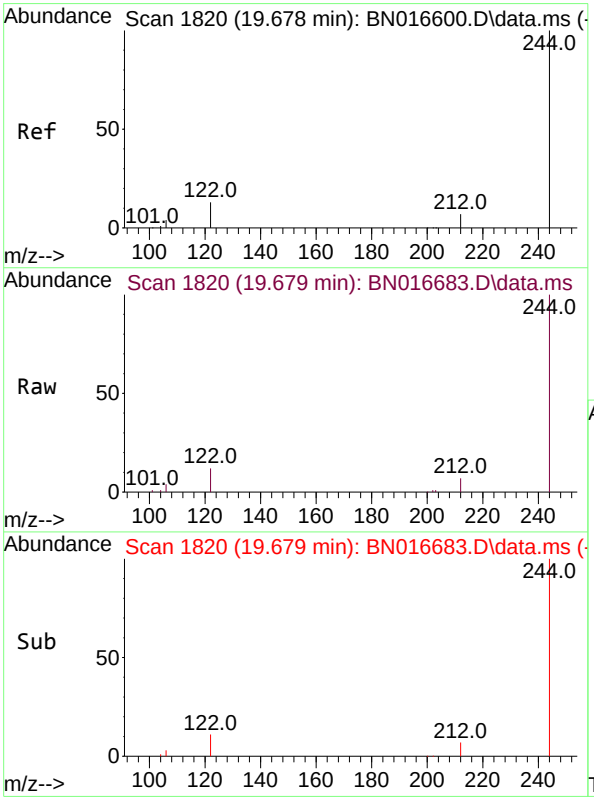
#30
Pyrene
Concen: 0.087 ng
RT: 19.455 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:202 Resp: 43999

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	21.1	14.0	21.0#



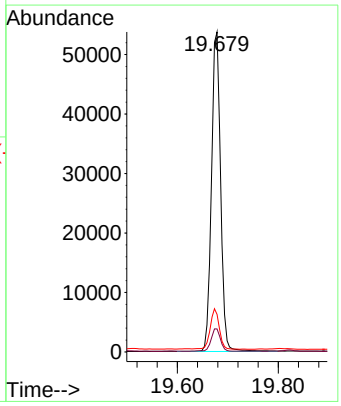
Instrument :
BNA_N
ClientSampleId :

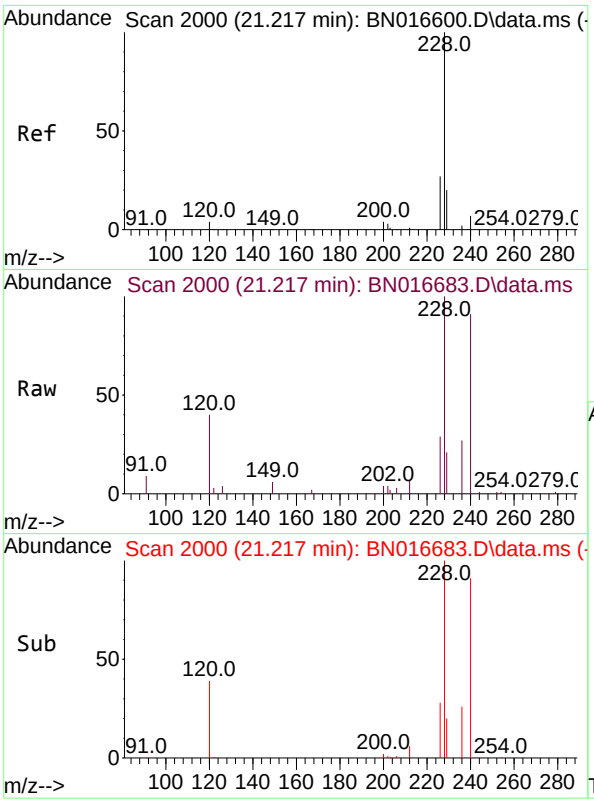


#31
Terphenyl-d14
Concen: 0.199 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:244 Resp: 67395

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.8	10.1	15.1

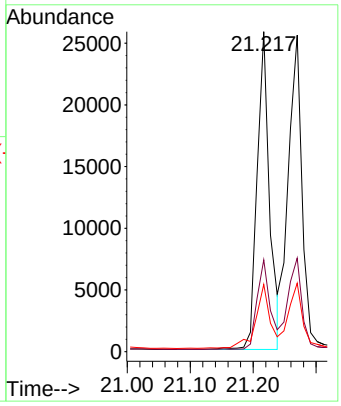




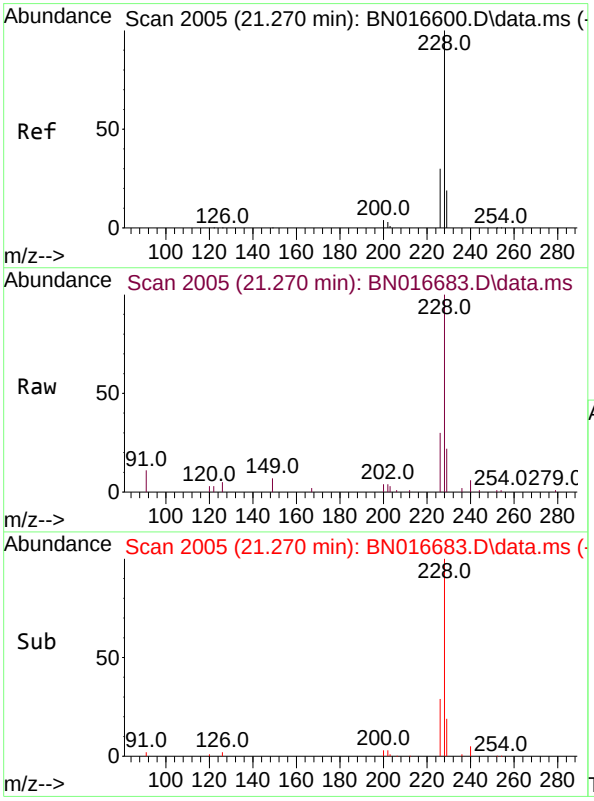
#32
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:228 Resp: 35414

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.9	32.9
229	21.0	15.7	23.5



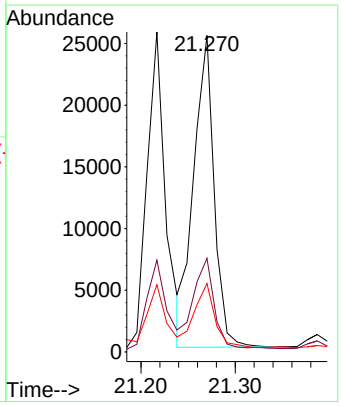
Instrument :
BNA_N
ClientSampleId :



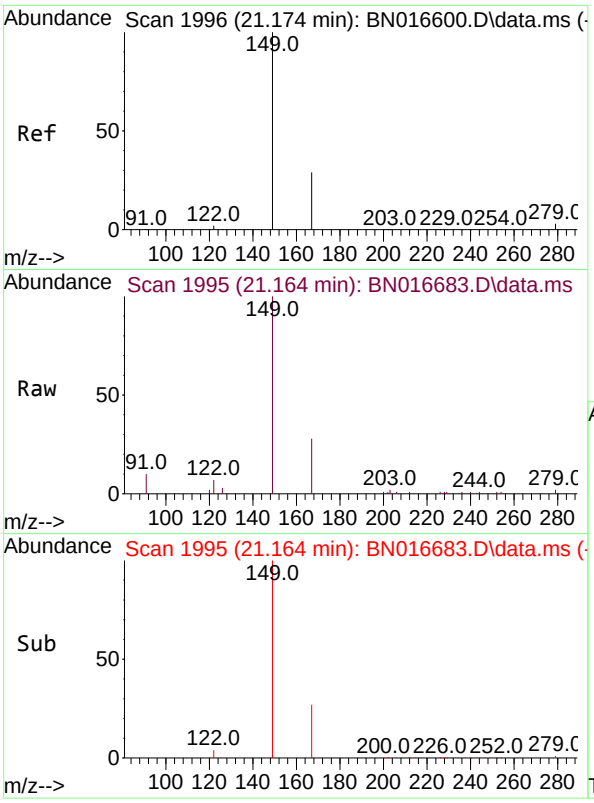
#33
Chrysene
Concen: 0.078 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:228 Resp: 37949

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	21.6	15.5	23.3



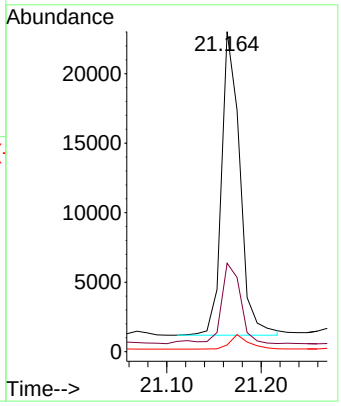
Instrument :
BNA_N
ClientSampleId :

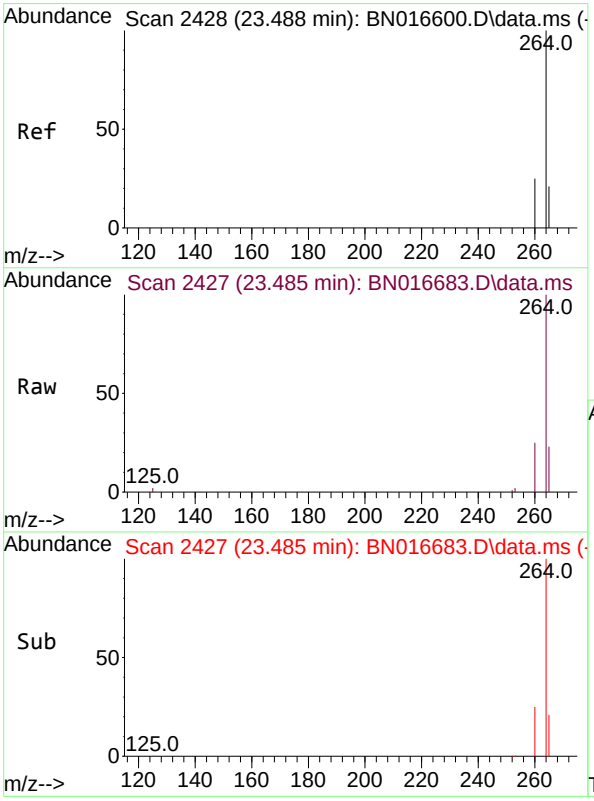


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:149 Resp: 29475

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.9	3.2	4.8#

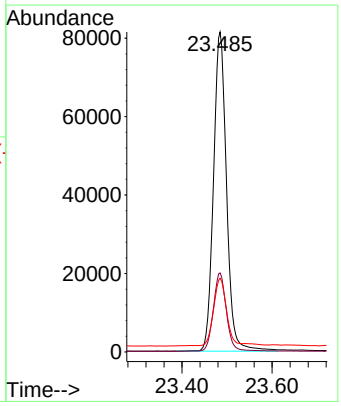


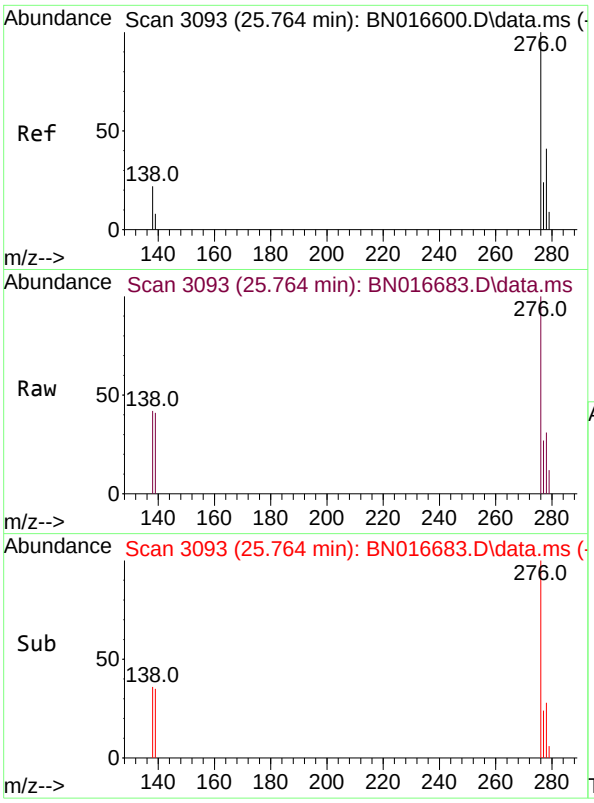


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:264 Resp: 163583

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.1	19.2	28.8

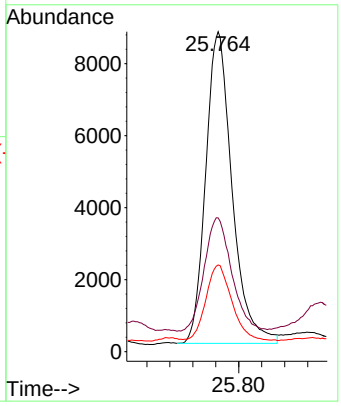




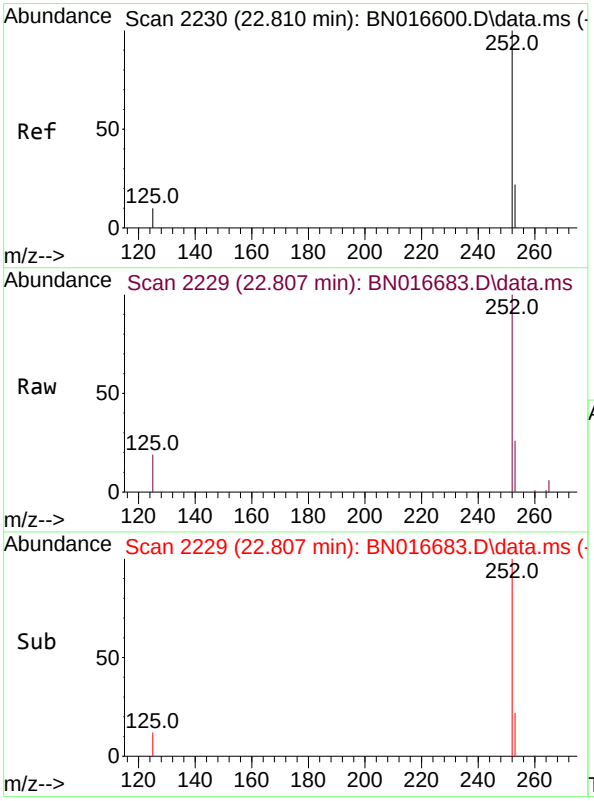
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:276 Resp: 27610

Ion	Ratio	Lower	Upper
276	100		
138	37.9	19.5	29.3#
277	23.3	19.9	29.9



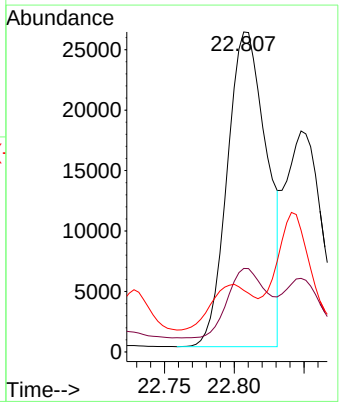
Instrument :
BNA_N
ClientSampleId :

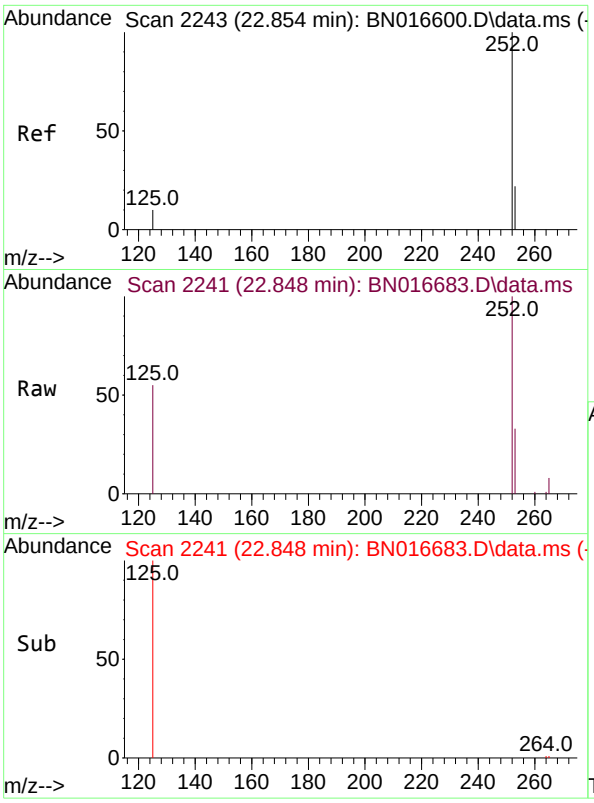


#37
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:252 Resp: 51145

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	19.2	8.0	12.0#

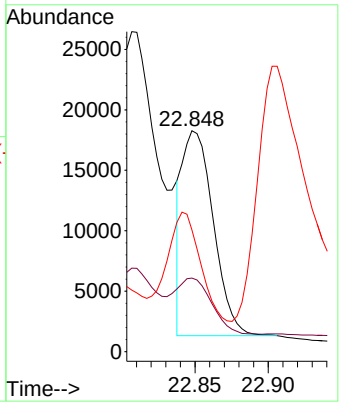




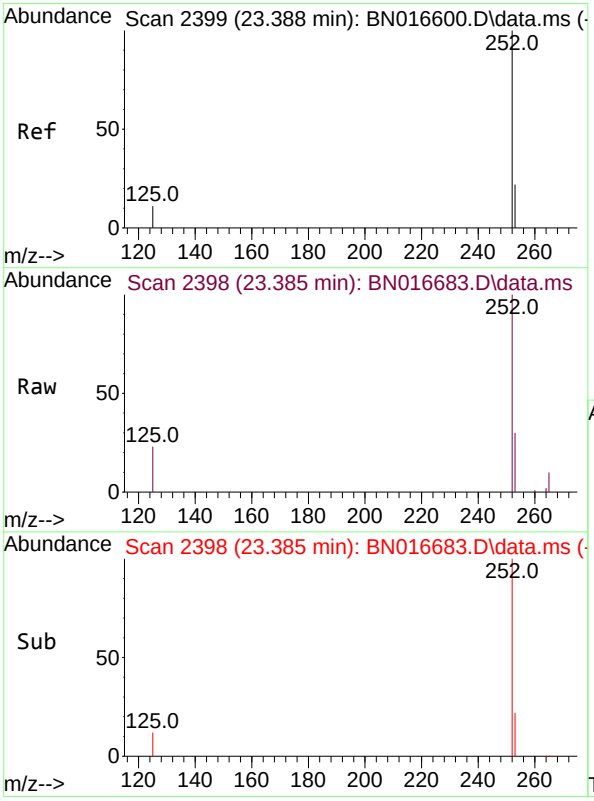
#38
Benzo(k)fluoranthene
Concen: 0.048 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:252 Resp: 25135

Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.8	26.6#
125	55.1	8.0	12.0#



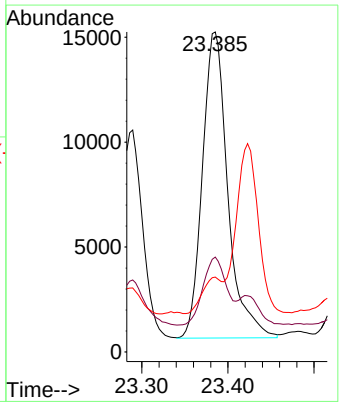
Instrument :
BNA_N
ClientSampleId :

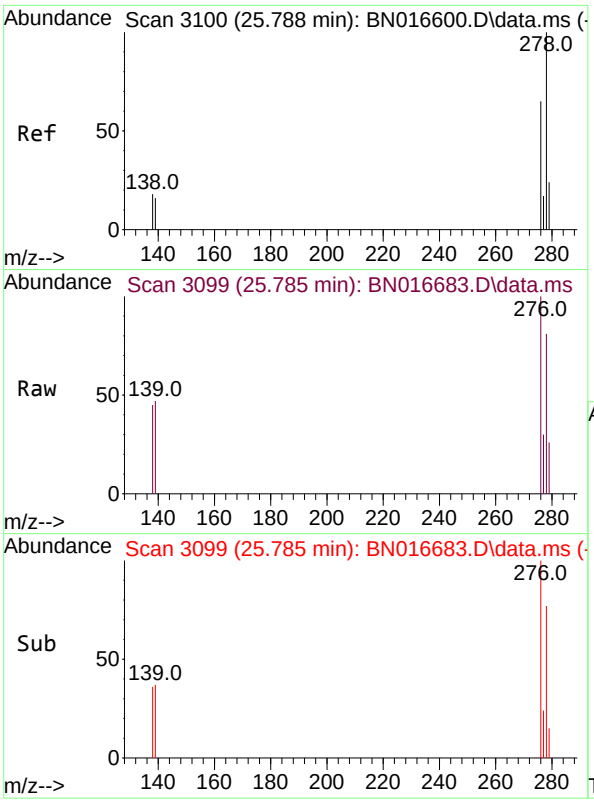


#39
Benzo(a)pyrene
Concen: 0.064 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:252 Resp: 29865

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.8	26.8#
125	23.4	9.0	13.4#

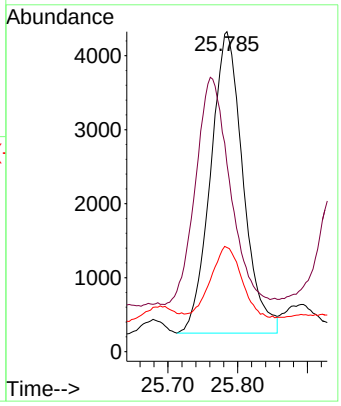




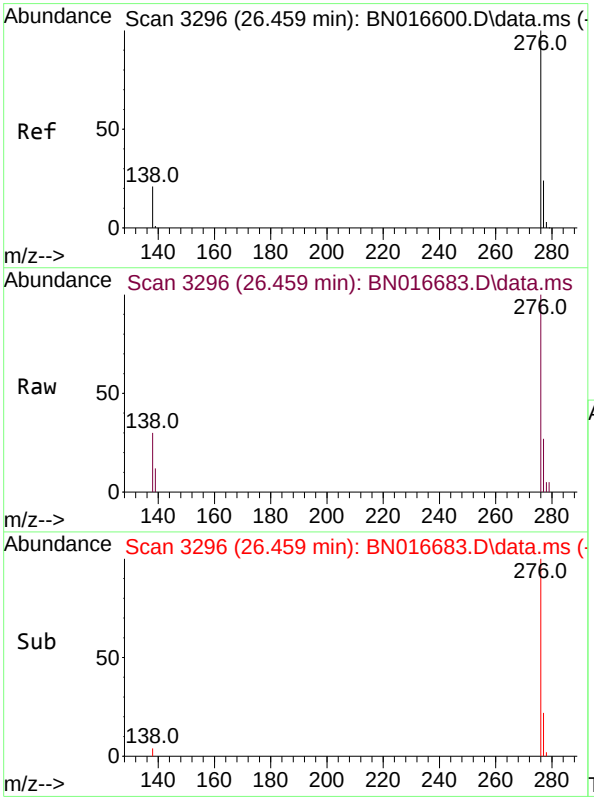
#40
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:278 Resp: 13152

Ion	Ratio	Lower	Upper
278	100		
139	58.6	13.1	19.7#
279	32.6	19.1	28.7#



Instrument :
BNA_N
ClientSampleId :



#41
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:276 Resp: 22646

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.0	28.6
138	30.2	16.9	25.3#