Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014179.D
Acq On : 01 Apr 2021 15:22
Operator : CG/JU
Sample : PB135437BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135437BS

Quant Time: Apr 01 15:55:50 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	6563	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	23641	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	12358	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	23445	0.40	ng		0.00
29) Chrysene-d12	21.247	240	24195	0.40	ng	#	0.00
36) Perylene-d12	23.469	264	26044	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	7840	0.47	ng		0.00
5) Phenol-d6	6.863	99	9833	0.46	ng		0.00
8) Nitrobenzene-d5	8.832	82	7341	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	15228	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1681	0.42	ng		0.01
15) 2-Fluorobiphenyl	12.938	172	19057	0.41	ng		0.00
27) Fluoranthene-d10	19.096	212	29007	0.47	ng		0.00
31) Terphenyl-d14	19.702	244	21983	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	3584	0.42	ng		96
3) n-Nitrosodimethylamine	3.561	42	2510	0.39	ng	#	97
6) bis(2-Chloroethyl)ether	7.120	93	7262	0.43	ng		99
9) Naphthalene	10.517	128	24832	0.43	ng		99
10) Hexachlorobutadiene	10.809	225	4657	0.44	ng	#	98
12) 2-Methylnaphthalene	12.133	142	16226	0.42	ng		98
16) Acenaphthylene	14.042	152	21206	0.45	ng		100
17) Acenaphthene	14.384	154	13811	0.40	ng		98
18) Fluorene	15.374	166	17317	0.42	ng		98
20) 4,6-Dinitro-2-methylph...	15.450	198	153	0.05	ng	#	1
21) 4-Bromophenyl-phenylether	16.264	248	5207	0.43	ng		96
22) Hexachlorobenzene	16.373	284	5563	0.41	ng		99
23) Atrazine	16.531	200	3911	0.47	ng		98
24) Pentachlorophenol	16.726	266	1165	0.28	ng		97
25) Phenanthrene	17.103	178	26227	0.42	ng		100
26) Anthracene	17.189	178	24119	0.46	ng		99
28) Fluoranthene	19.126	202	30716	0.47	ng		100
30) Pyrene	19.493	202	32552	0.41	ng		99
32) Benzo(a)anthracene	21.236	228	32906	0.49	ng		96
33) Chrysene	21.290	228	32367	0.44	ng		98
34) Bis(2-ethylhexyl)phtha...	21.173	149	17957	0.88	ng		99
35) Indeno(1,2,3-cd)pyrene	25.694	276	40665	0.53	ng		98
37) Benzo(b)fluoranthene	22.802	252	35593	0.39	ng	#	93
38) Benzo(k)fluoranthene	22.846	252	34223	0.38	ng	#	93
39) Benzo(a)pyrene	23.370	252	33295	0.42	ng	#	91
40) Dibenzo(a,h)anthracene	25.711	278	34135	0.42	ng	#	96
41) Benzo(g,h,i)perylene	26.379	276	35433	0.41	ng		96

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

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Data File : BN014179.D
Acq On : 01 Apr 2021 15:22
Operator : CG/JU
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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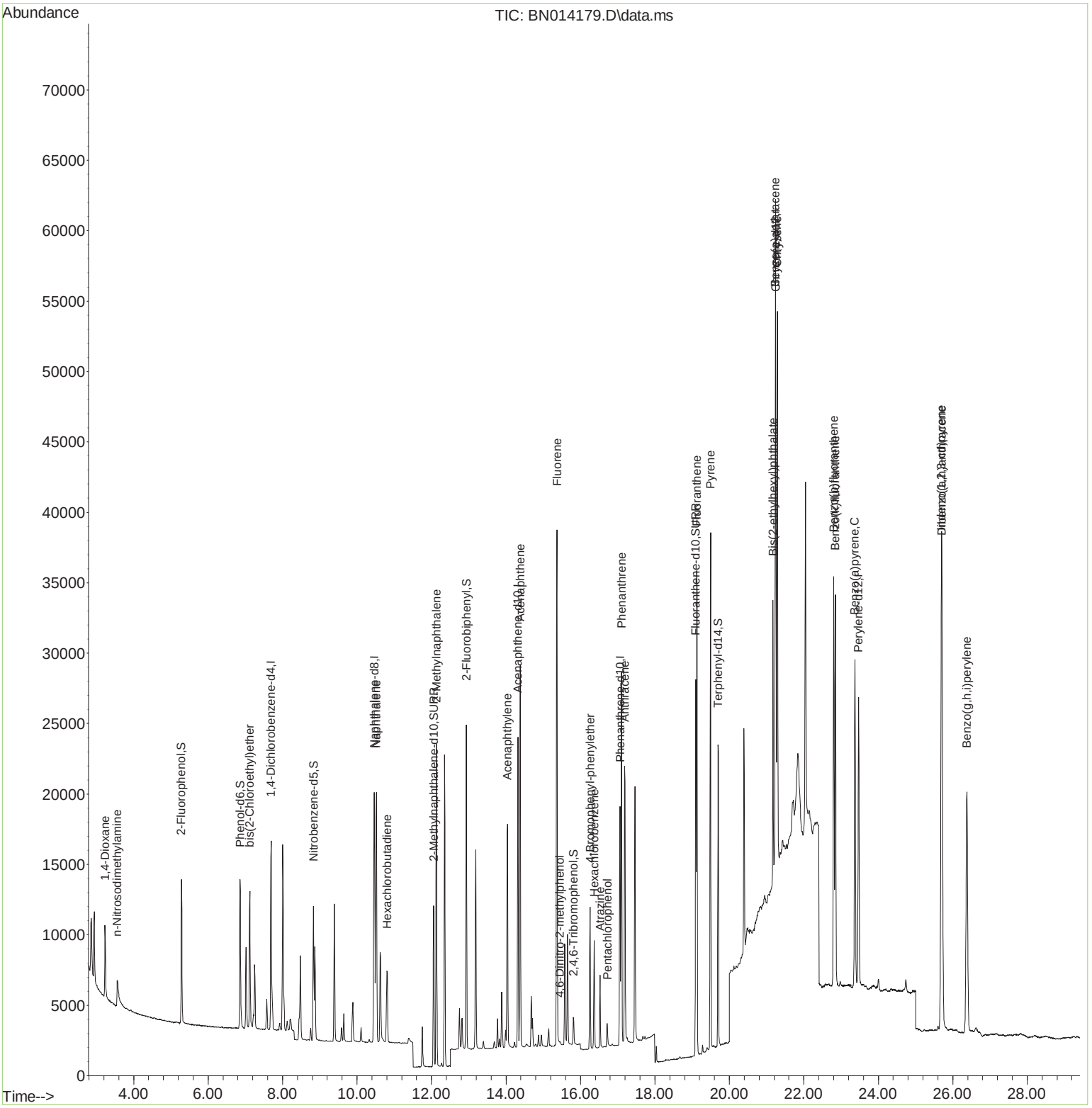
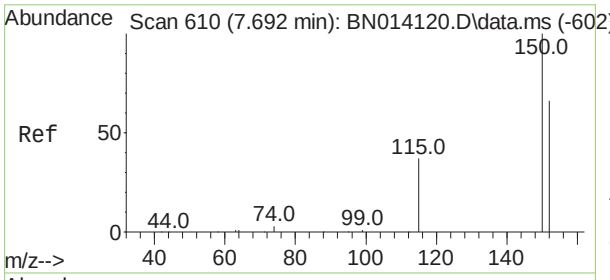
Quant Time: Apr 01 15:55:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration



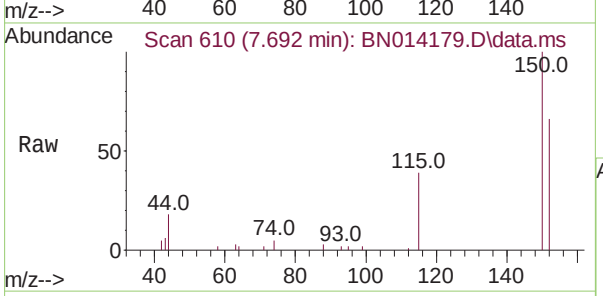
Instrument :
BNA_N
ClientSampleId :
PB135437BS

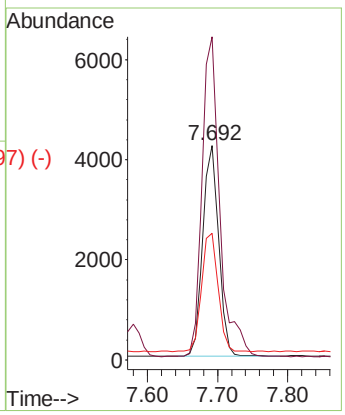


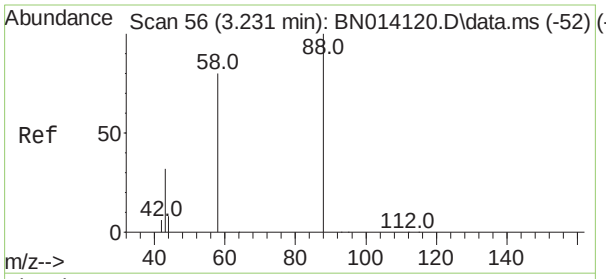
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:152 Resp: 6563

Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.2	181.8
115	59.0	46.2	69.2



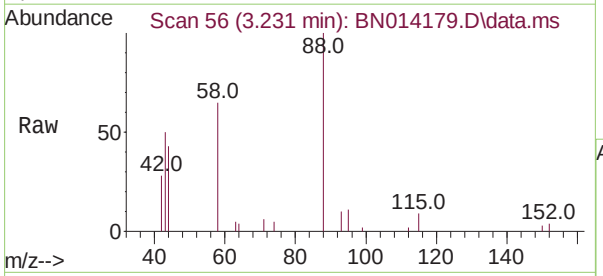


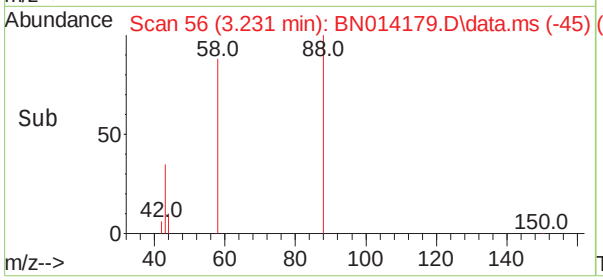


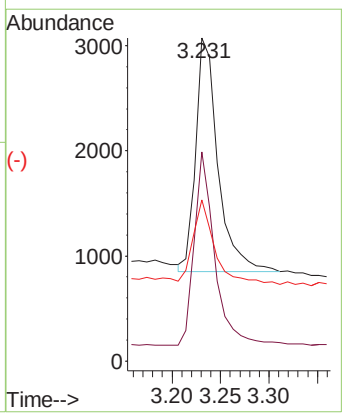
#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.008 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion: 88 Resp: 3584

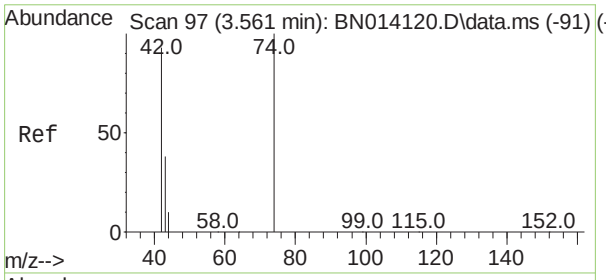
Ion	Ratio	Lower	Upper
88	100		
58	75.3	63.1	94.7
43	35.1	26.2	39.2







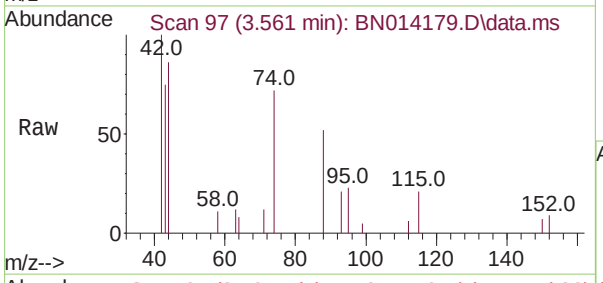
Instrument :
BNA_N
ClientSampleId :
PB135437BS

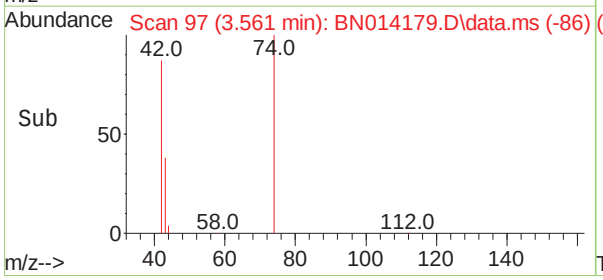


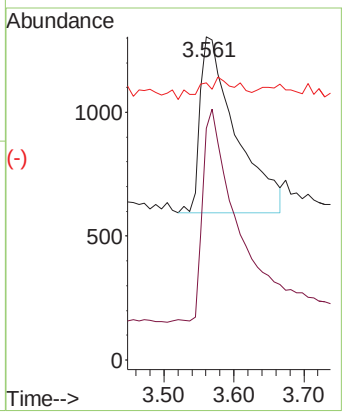
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.561 min Scan# 97
Delta R.T. -0.008 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

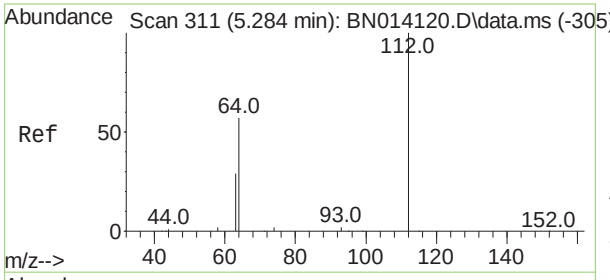
Tgt Ion: 42 Resp: 2510

Ion	Ratio	Lower	Upper
42	100		
74	120.8	94.6	141.8
44	12.7	4.2	6.2#





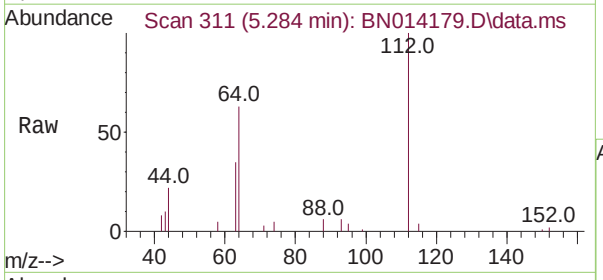


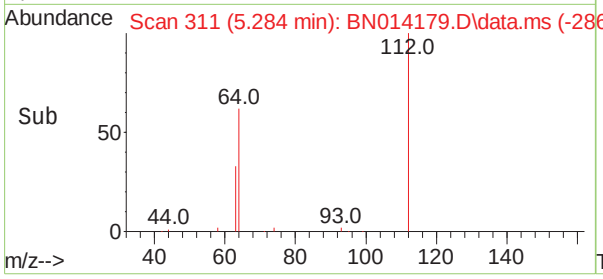


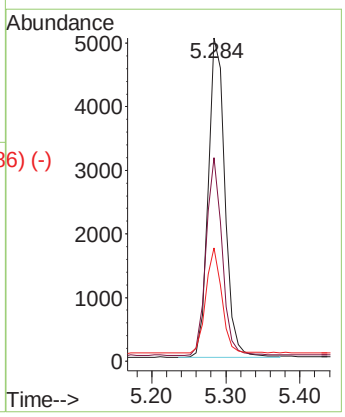
#4
2-Fluorophenol
Concen: 0.47 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:112 Resp: 7840

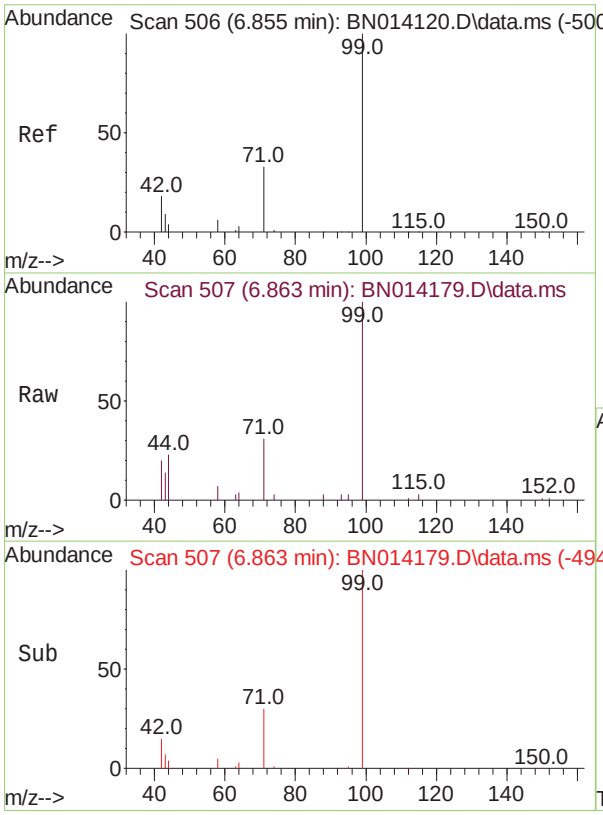
Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.3	72.5
63	31.5	25.4	38.0







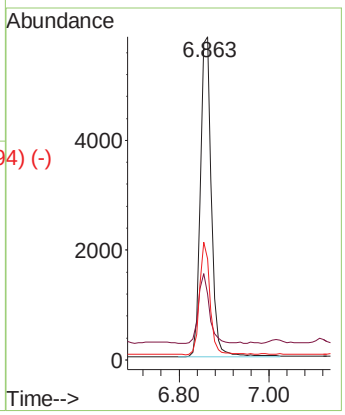
Instrument :
BNA_N
ClientSampleId :
PB135437BS

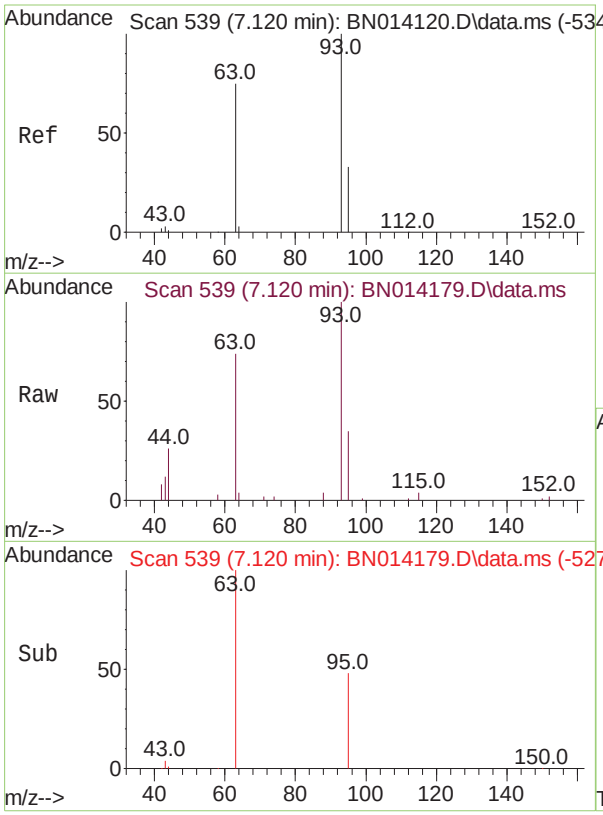


#5
Phenol-d6
Concen: 0.46 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.008 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion: 99 Resp: 9833

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.2	27.4
71	33.3	26.7	40.1

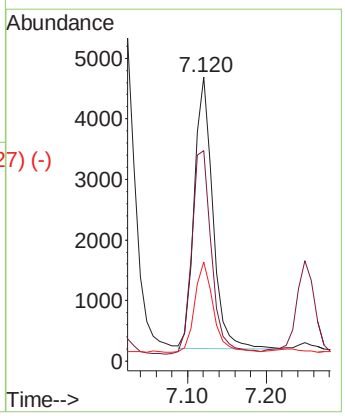




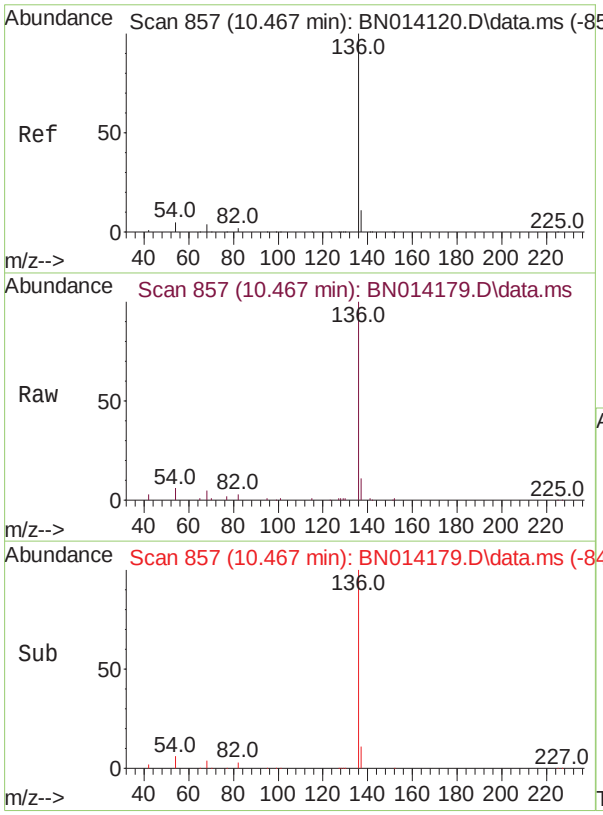
#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion: 93 Resp: 7262

Ion	Ratio	Lower	Upper
93	100		
63	80.4	65.1	97.7
95	33.4	26.6	39.8



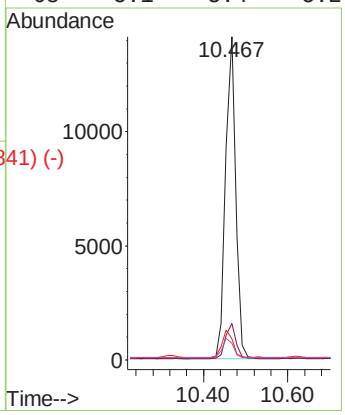
Instrument :
BNA_N
ClientSampleId :
PB135437BS

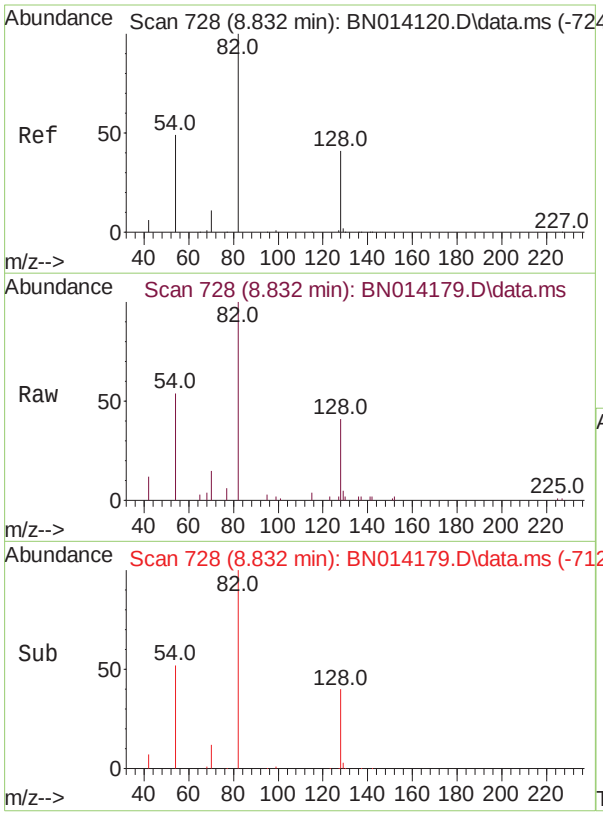


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:136 Resp: 23641

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.4	4.3	6.5
68	5.1	3.4	5.2

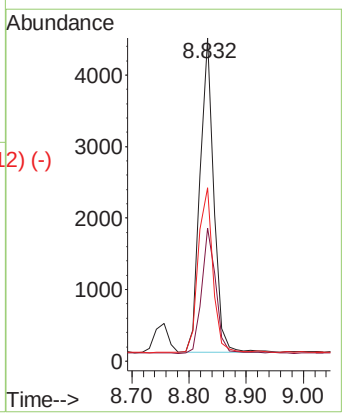




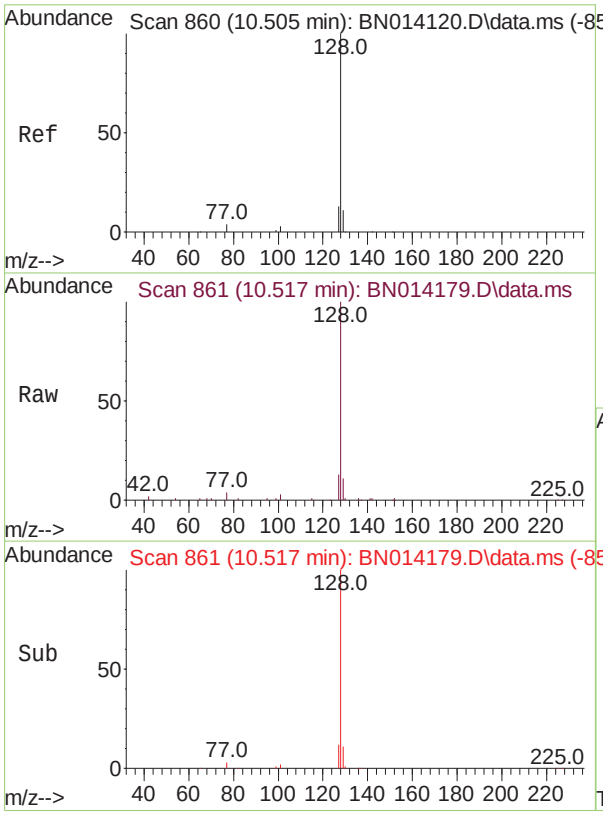
#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion: 82 Resp: 7341

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.5	50.3
54	53.6	40.3	60.5



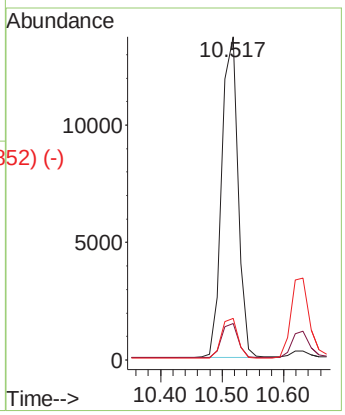
Instrument :
BNA_N
ClientSampleId :
PB135437BS

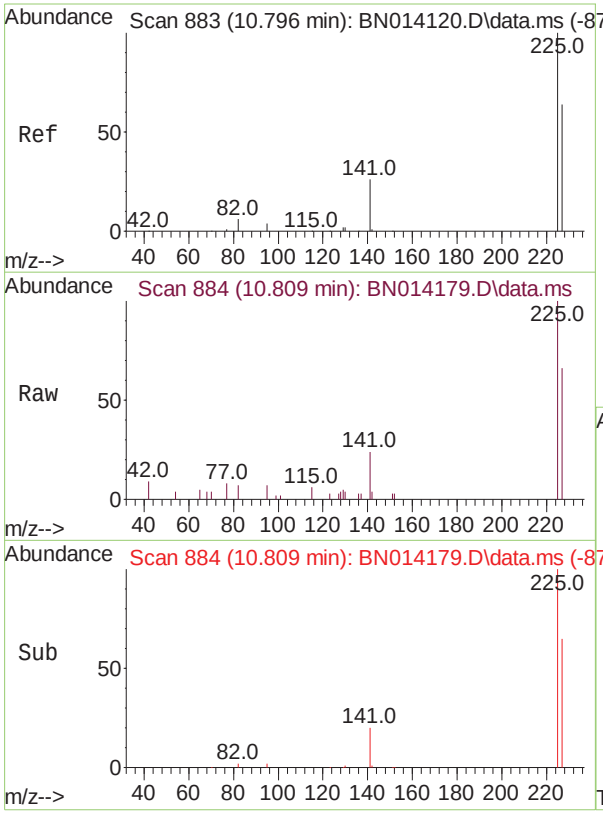


#9
Naphthalene
Concen: 0.43 ng
RT: 10.517 min Scan# 861
Delta R.T. 0.012 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:128 Resp: 24832

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	12.9	10.8	16.2

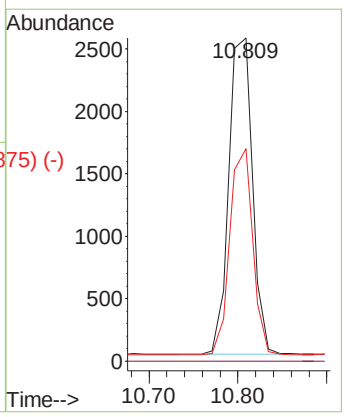




#10
Hexachlorobutadiene
Concen: 0.44 ng
RT: 10.809 min Scan# 884
Delta R.T. 0.012 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:225 Resp: 4657

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.6	77.4



Instrument :
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ClientSampleId :
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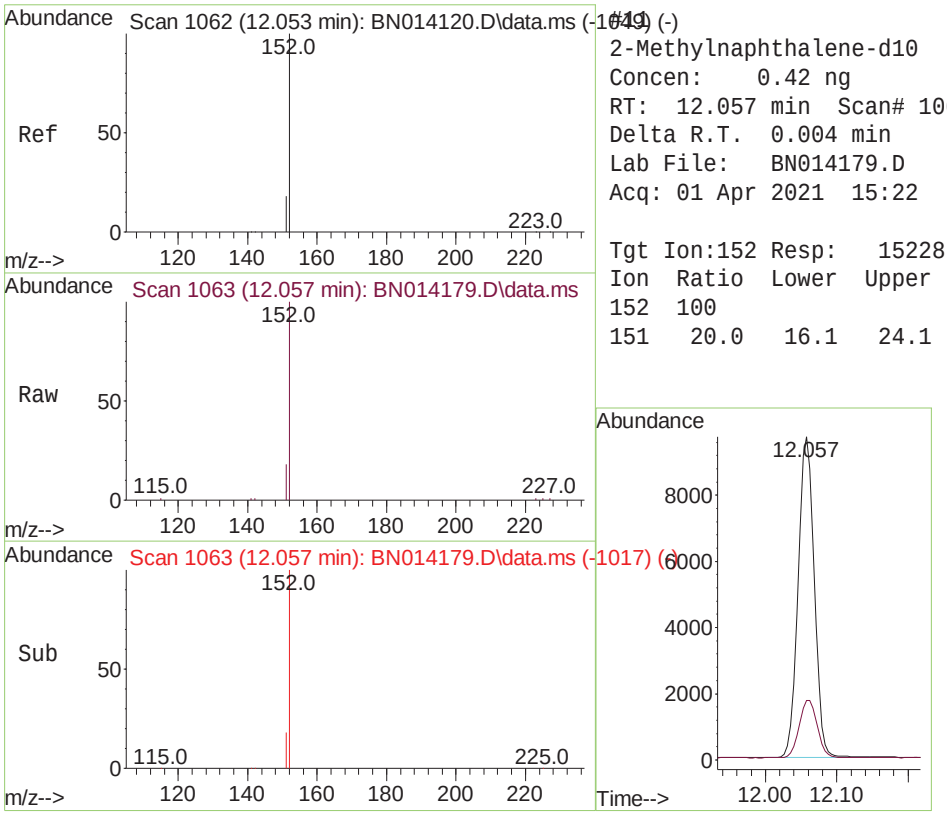
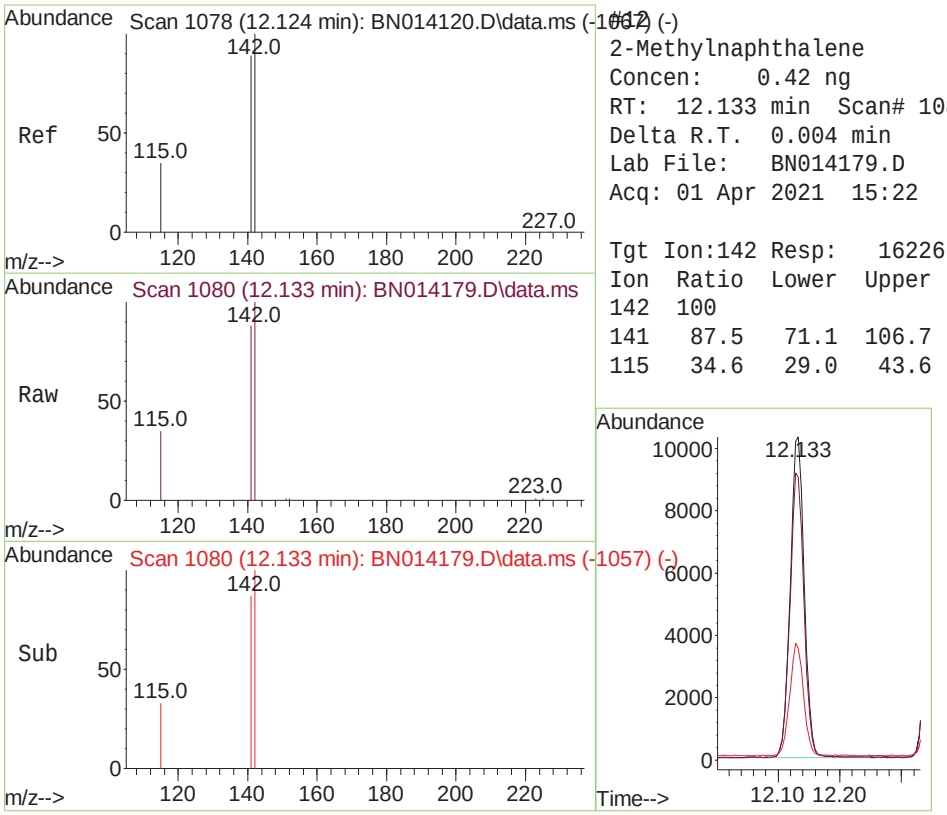


#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:152 Resp: 15228

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1

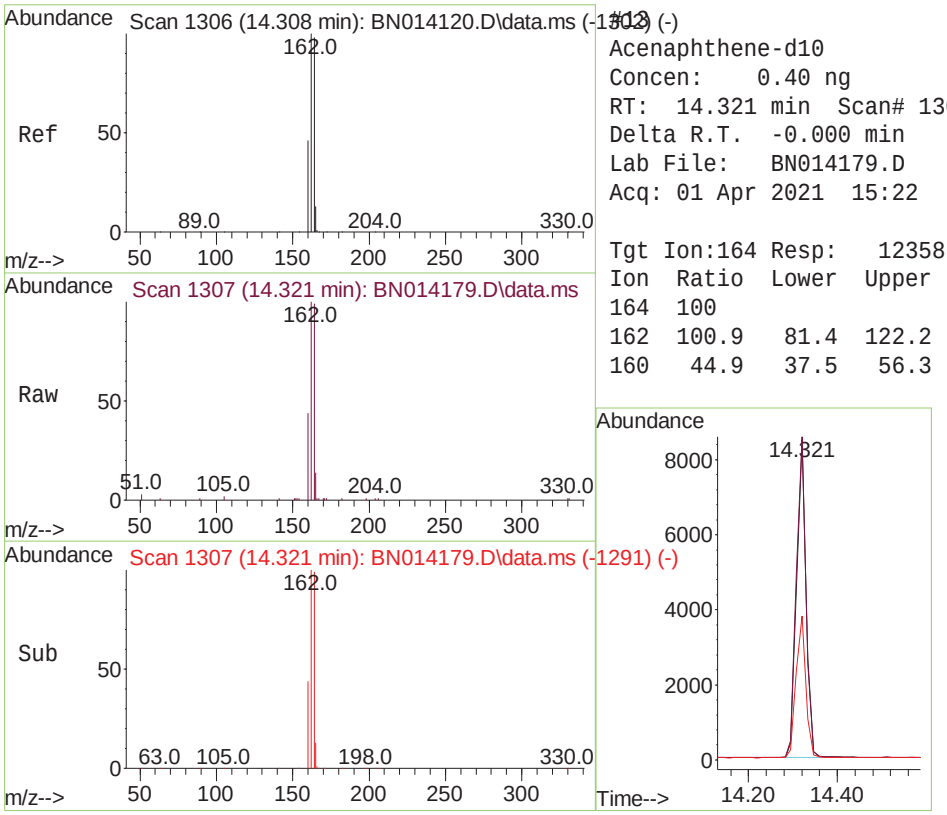


#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.133 min Scan# 1080
Delta R.T. 0.004 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:142 Resp: 16226

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.1	106.7
115	34.6	29.0	43.6

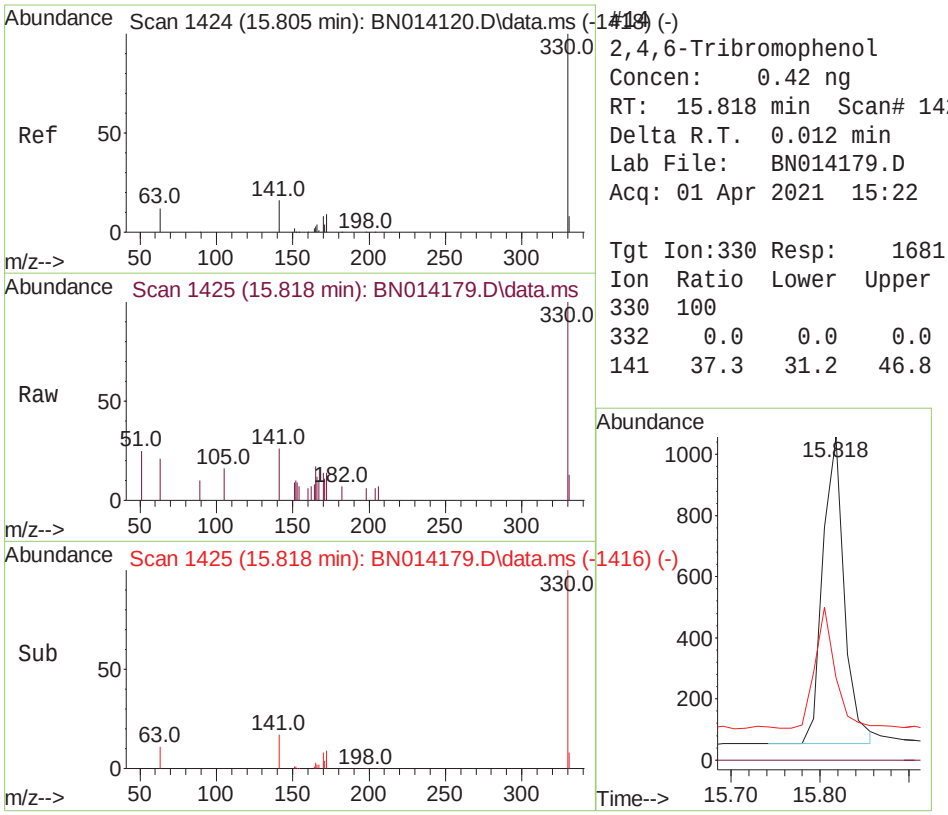
Instrument :
BNA_N
ClientSampleId :
PB135437BS



#12
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:164 Resp: 12358

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.2
160	44.9	37.5	56.3

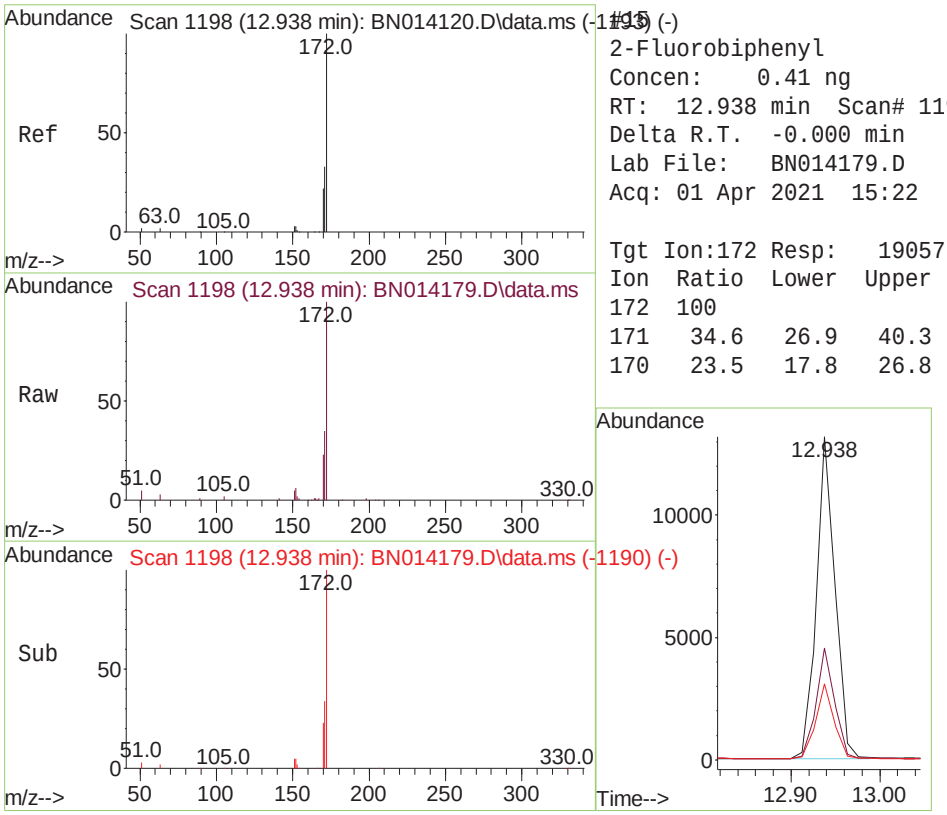


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:330 Resp: 1681

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	31.2	46.8

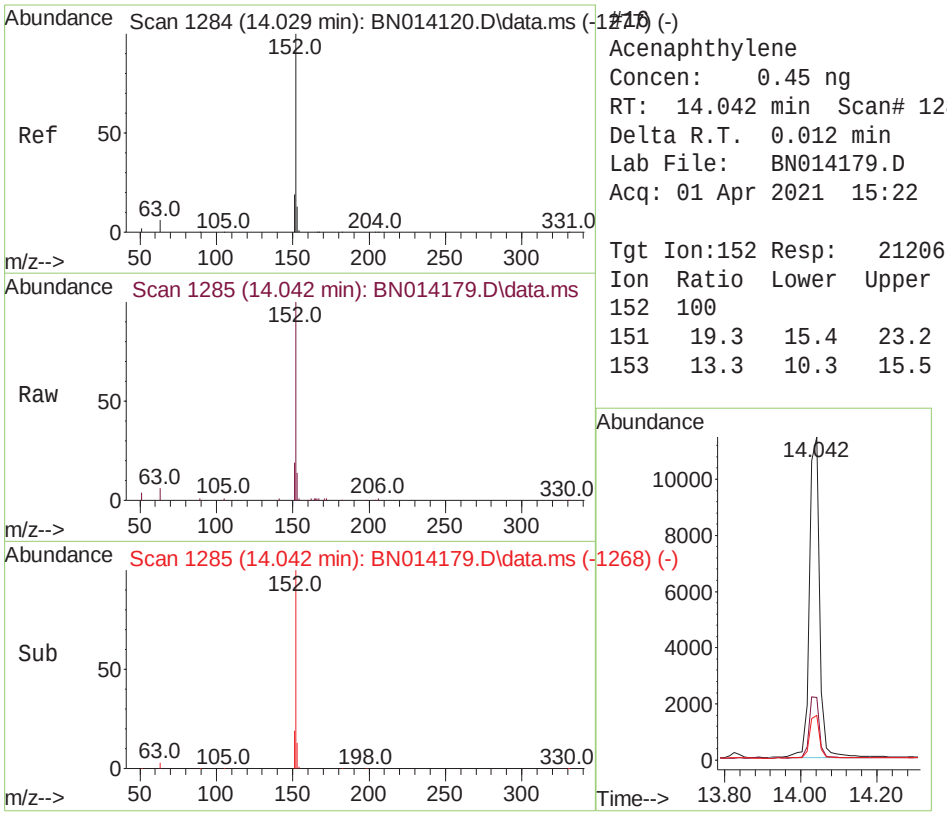
Instrument :
BNA_N
ClientSampleId :
PB135437BS



#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:172 Resp: 19057

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.9	40.3
170	23.5	17.8	26.8

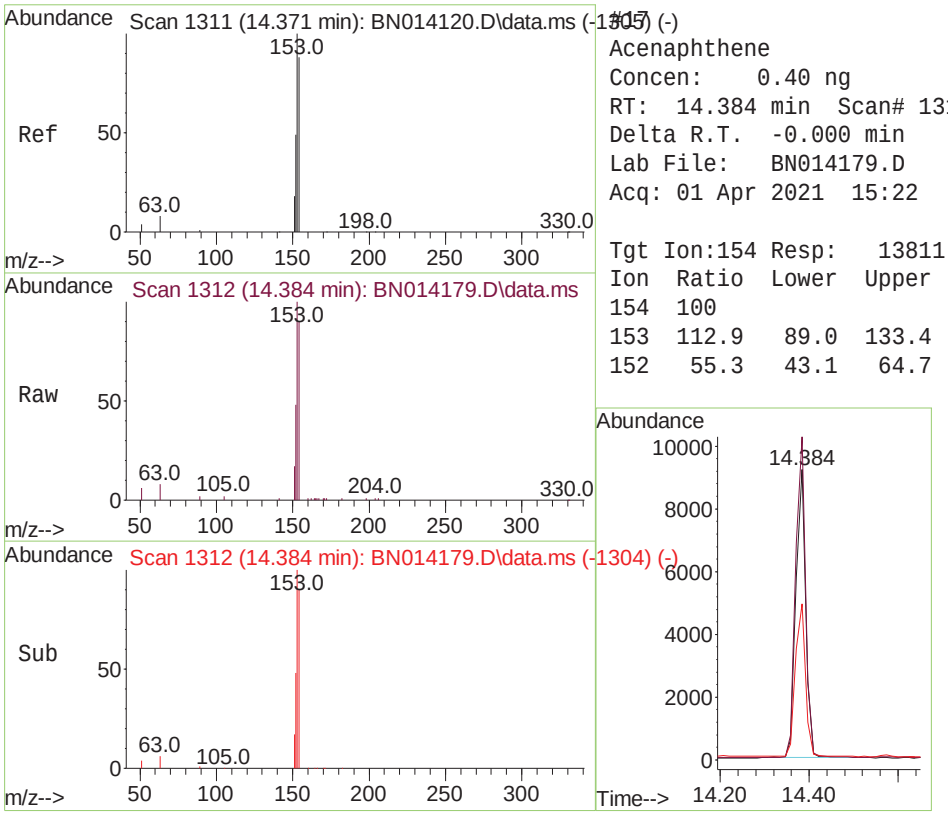


#16
Acenaphthylene
Concen: 0.45 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.012 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:152 Resp: 21206

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.3	10.3	15.5

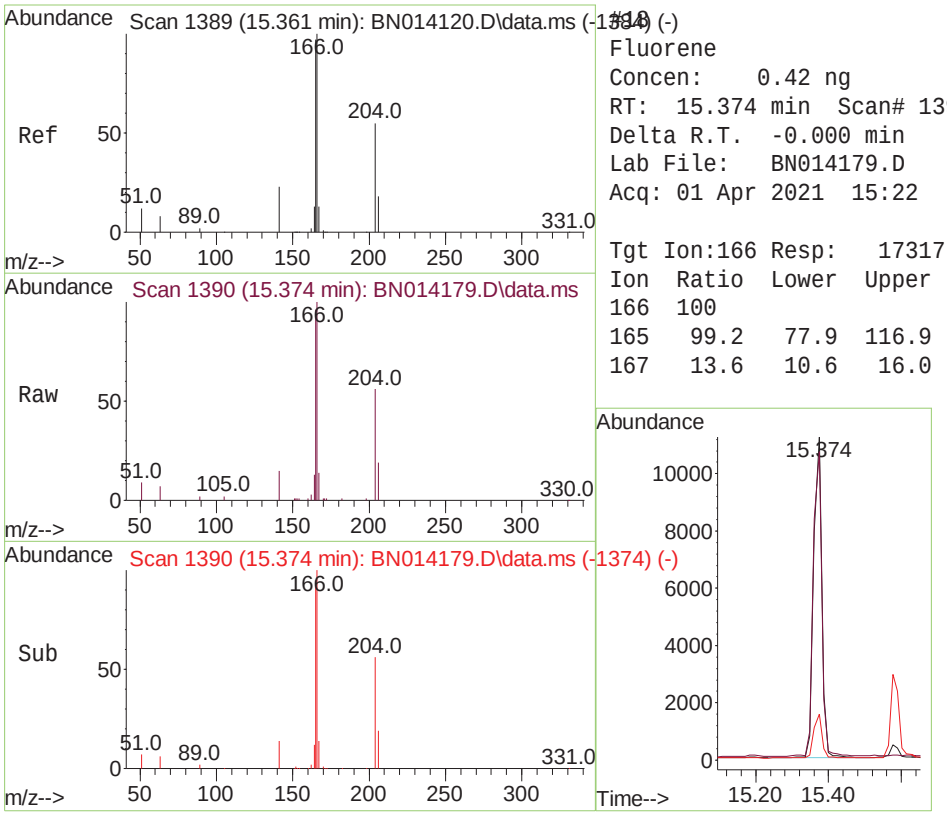
Instrument :
BNA_N
ClientSampleId :
PB135437BS



Acenaphthene
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:154 Resp: 13811

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.0	133.4
152	55.3	43.1	64.7

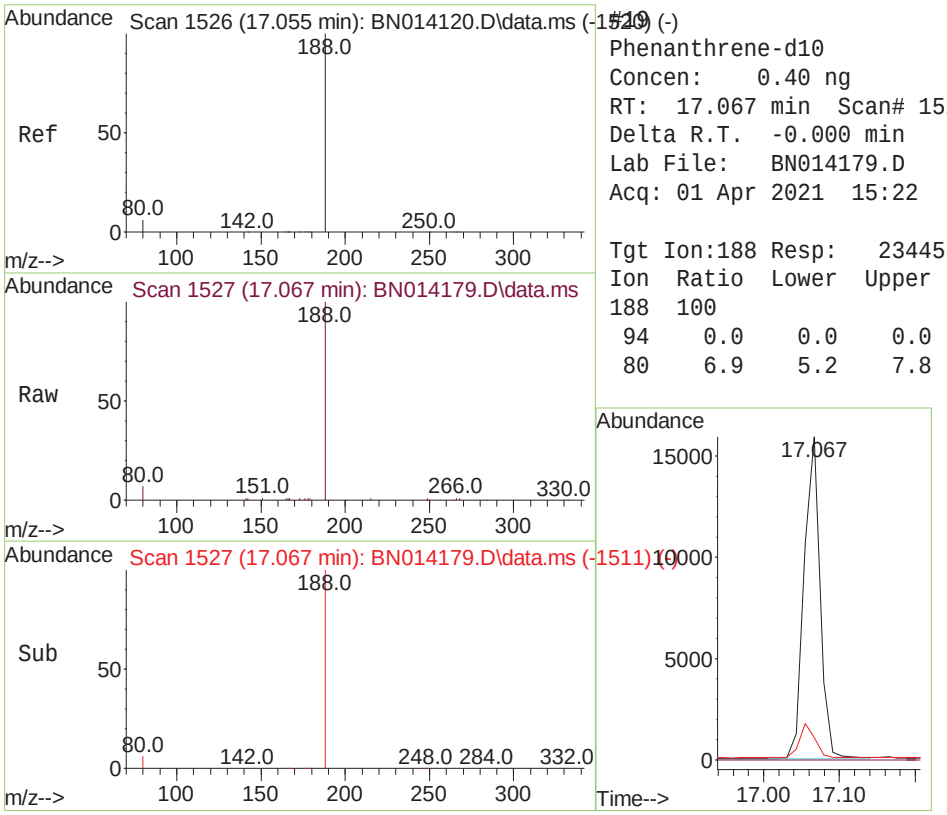


Fluorene
Concen: 0.42 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:166 Resp: 17317

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.9	116.9
167	13.6	10.6	16.0

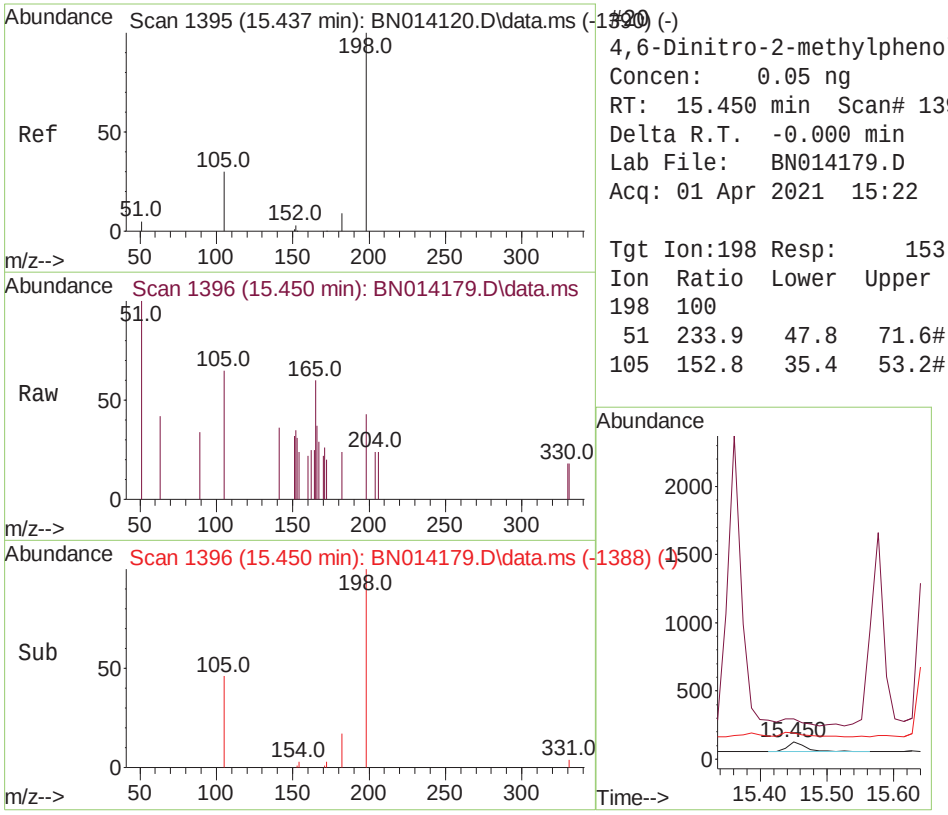
Instrument :
BNA_N
ClientSampleId :
PB135437BS



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:188 Resp: 23445

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	5.2	7.8

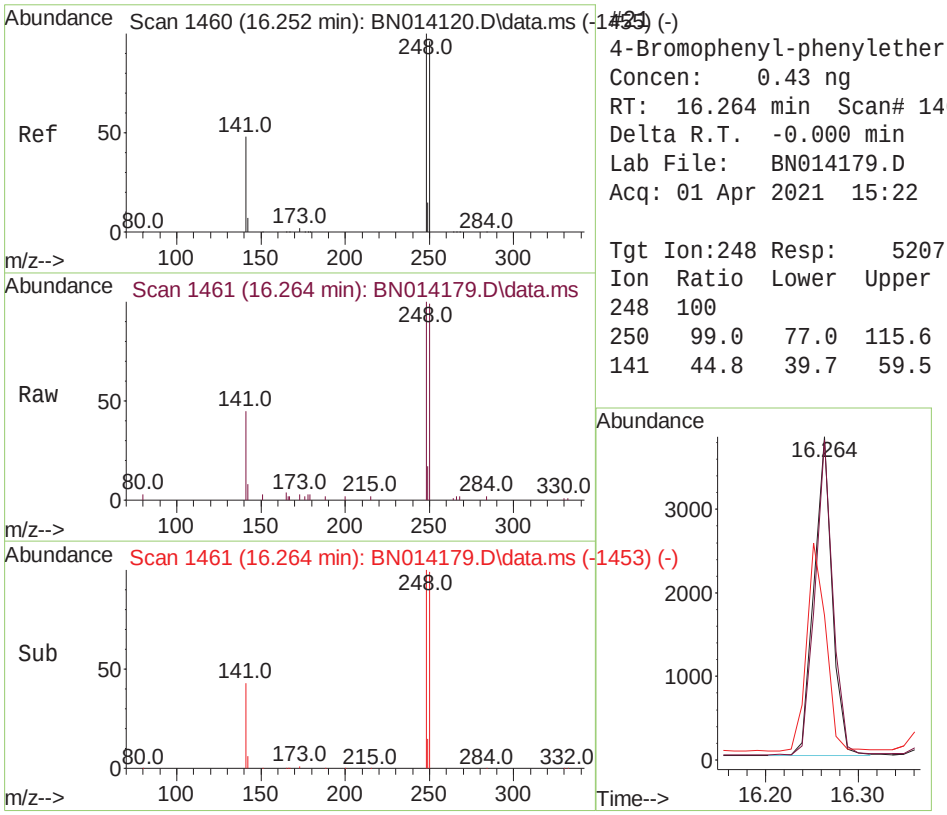


#20
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:198 Resp: 153

Ion	Ratio	Lower	Upper
198	100		
51	233.9	47.8	71.6#
105	152.8	35.4	53.2#

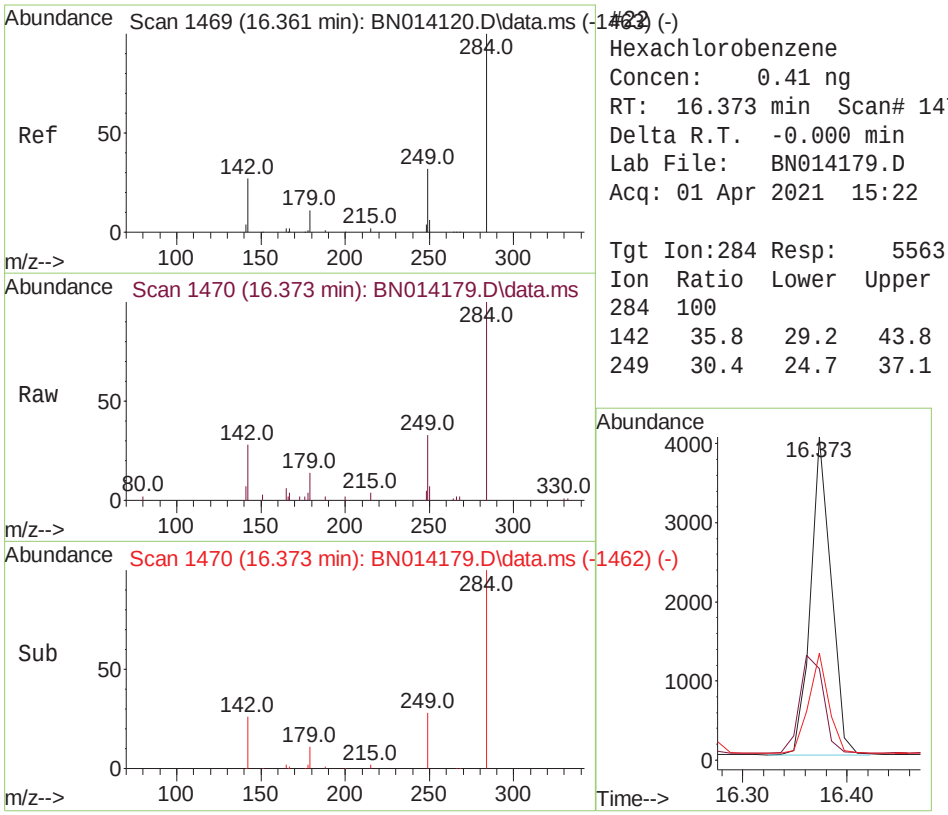
Instrument :
BNA_N
ClientSampleId :
PB135437BS



#21
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.264 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:248 Resp: 5207

Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.6
141	44.8	39.7	59.5

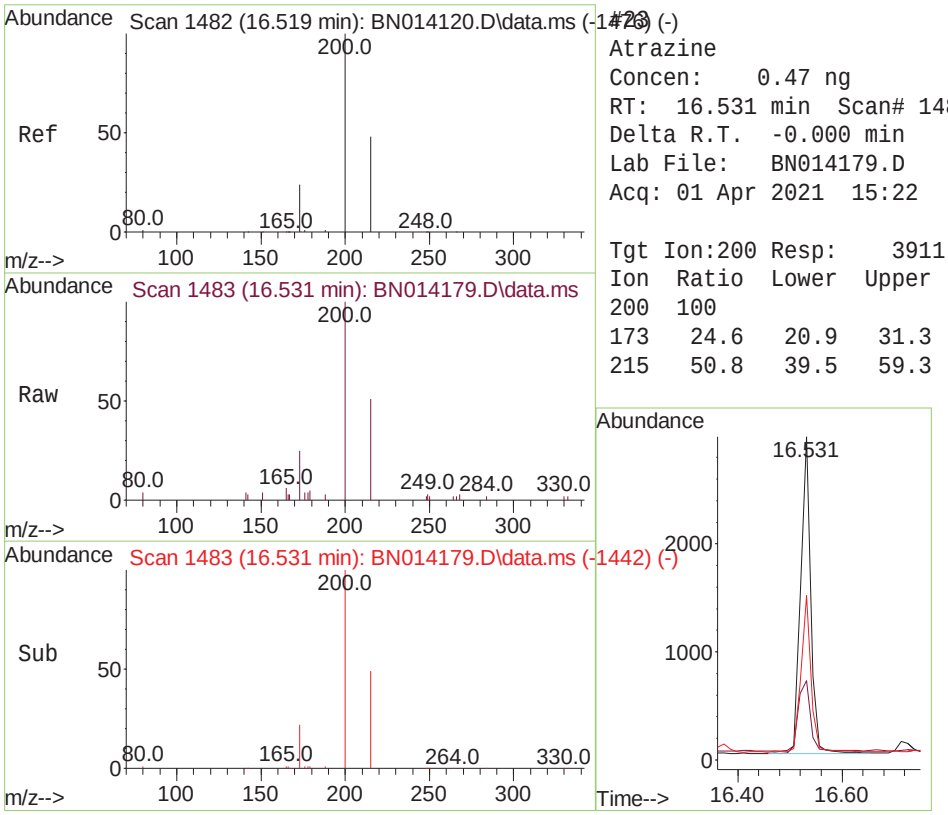


#22
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.373 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:284 Resp: 5563

Ion	Ratio	Lower	Upper
284	100		
142	35.8	29.2	43.8
249	30.4	24.7	37.1

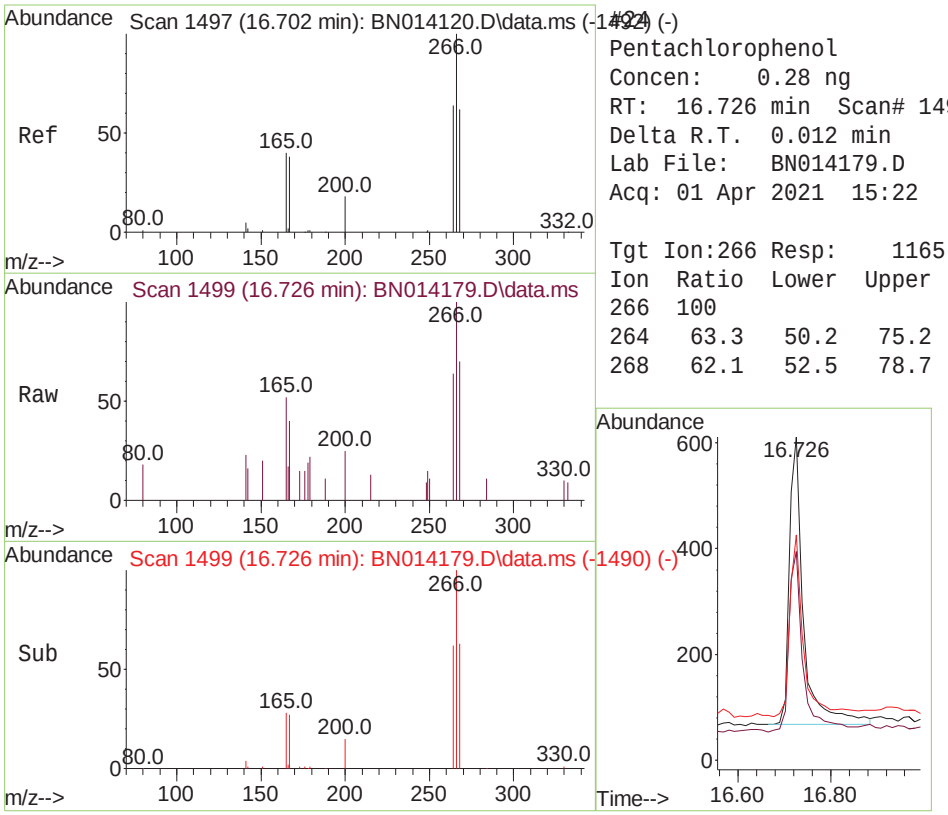
Instrument :
BNA_N
ClientSampleId :
PB135437BS



#23
Atrazine
Concen: 0.47 ng
RT: 16.531 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:200 Resp: 3911

Ion	Ratio	Lower	Upper
200	100		
173	24.6	20.9	31.3
215	50.8	39.5	59.3

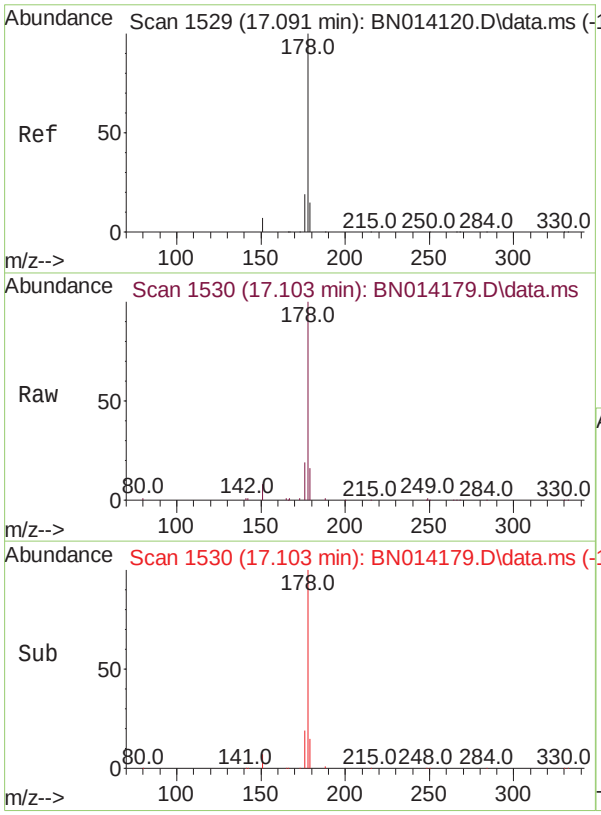


#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.726 min Scan# 1499
Delta R.T. 0.012 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:266 Resp: 1165

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.2	75.2
268	62.1	52.5	78.7

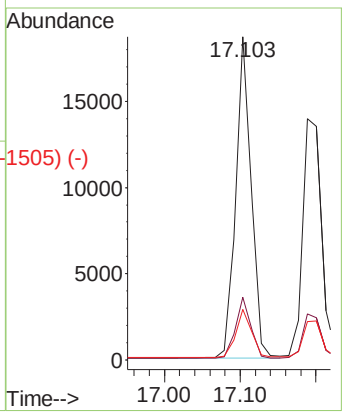
Instrument :
BNA_N
ClientSampleId :
PB135437BS

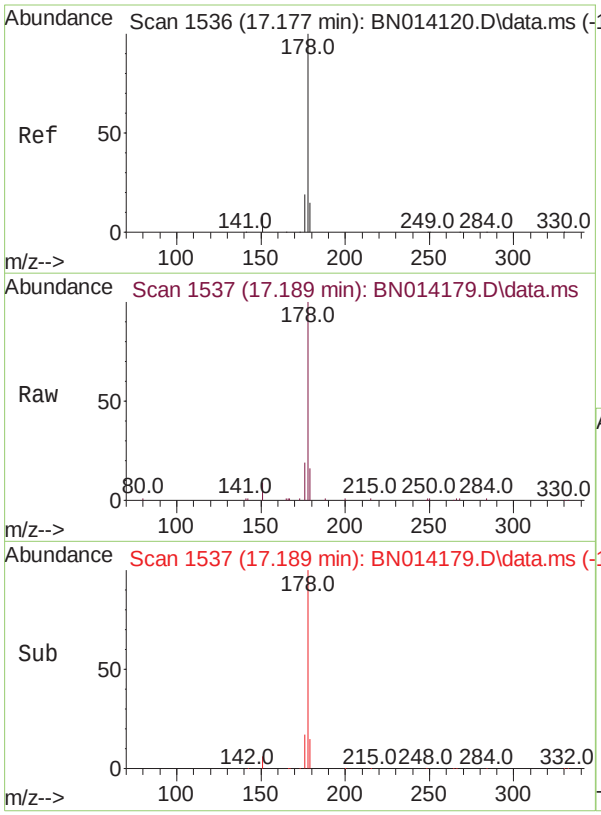


#25
Phenanthrene
Concen: 0.42 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:178 Resp: 26227

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.3	12.4	18.6

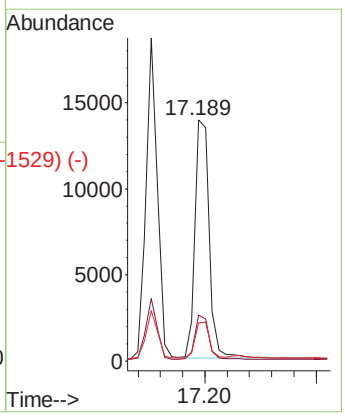




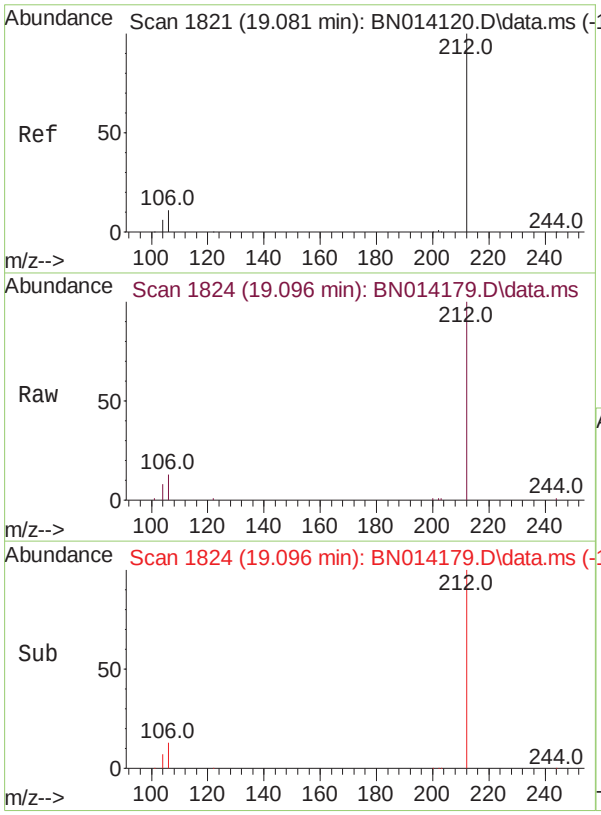
#26
Anthracene
Concen: 0.46 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:178 Resp: 24119

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.2	12.3	18.5



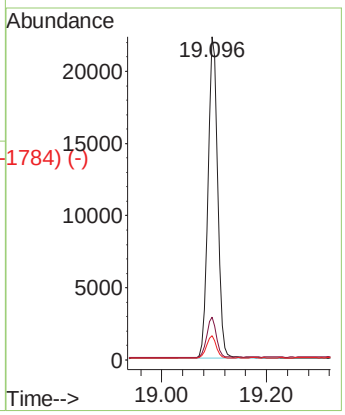
Instrument :
BNA_N
ClientSampleId :
PB135437BS

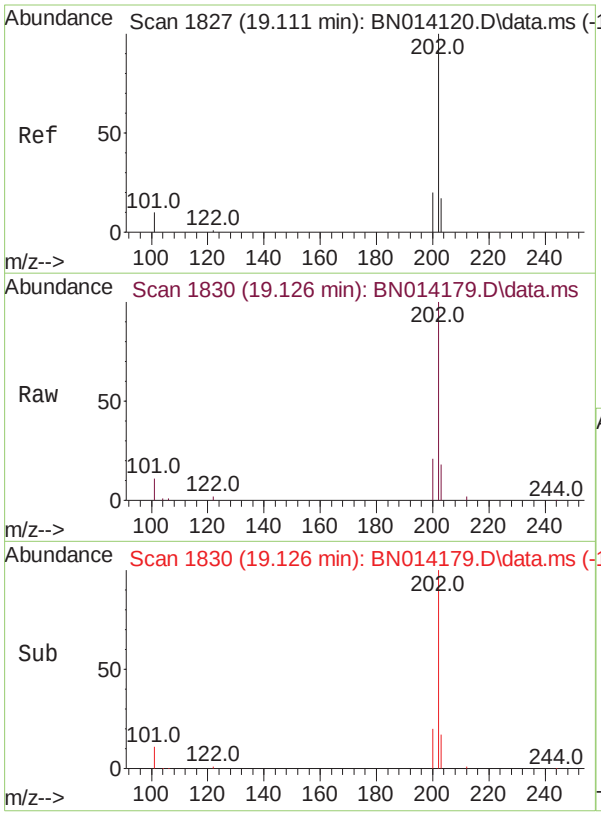


#27
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:212 Resp: 29007

Ion	Ratio	Lower	Upper
212	100		
106	12.5	10.1	15.1
104	6.8	5.5	8.3

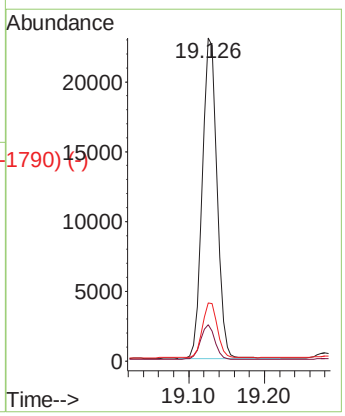




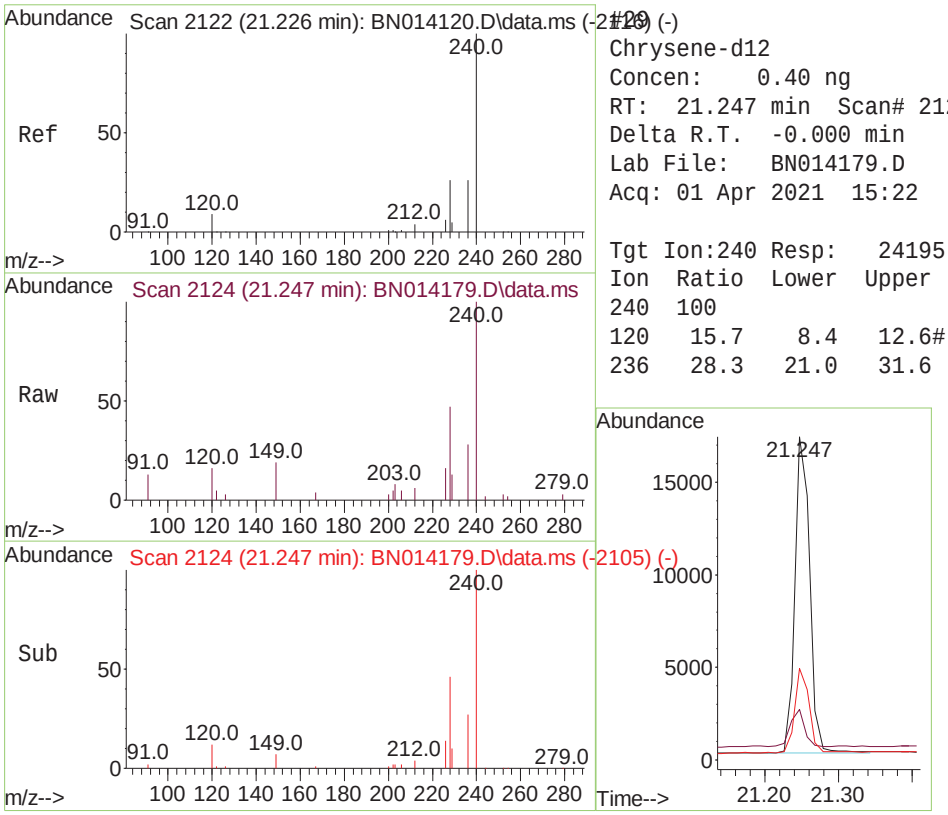
#28
Fluoranthene
Concen: 0.47 ng
RT: 19.126 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:202 Resp: 30716

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.8	13.2
203	17.2	13.8	20.6



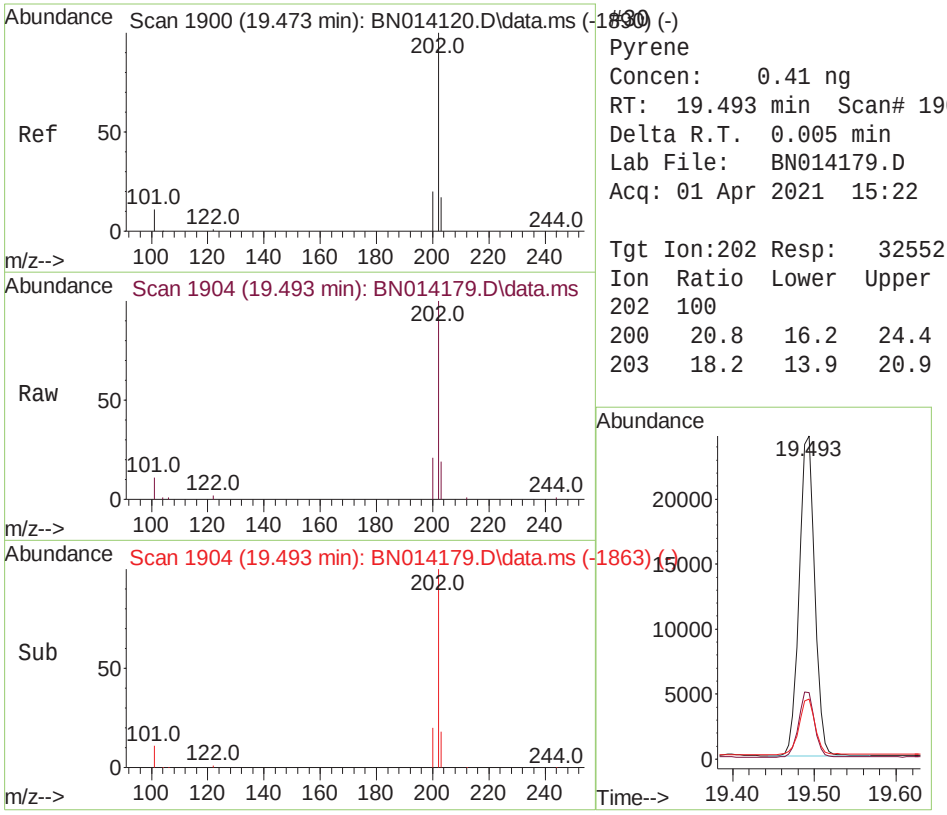
Instrument :
BNA_N
ClientSampleId :
PB135437BS



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:240 Resp: 24195

Ion	Ratio	Lower	Upper
240	100		
120	15.7	8.4	12.6#
236	28.3	21.0	31.6

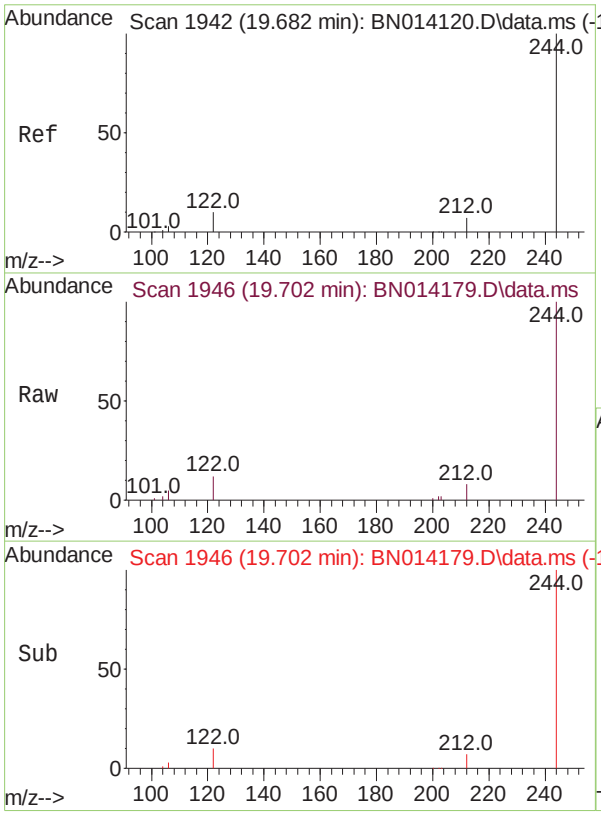


#30
Pyrene
Concen: 0.41 ng
RT: 19.493 min Scan# 1904
Delta R.T. 0.005 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:202 Resp: 32552

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.2	24.4
203	18.2	13.9	20.9

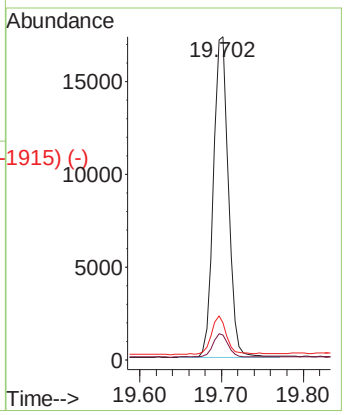
Instrument :
BNA_N
ClientSampleId :
PB135437BS

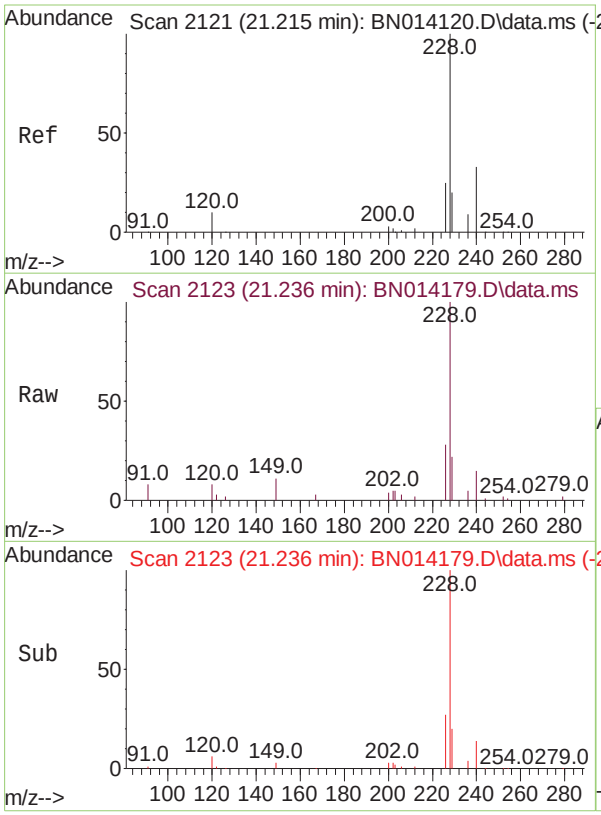


#34
Terphenyl-d14
Concen: 0.39 ng
RT: 19.702 min Scan# 1946
Delta R.T. 0.005 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:244 Resp: 21983

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.5	8.6	13.0

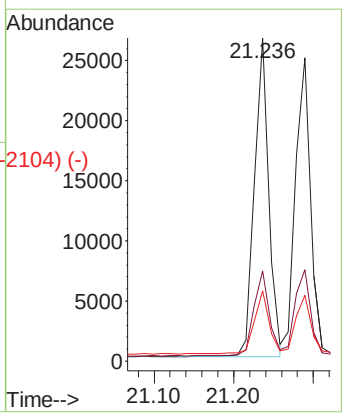




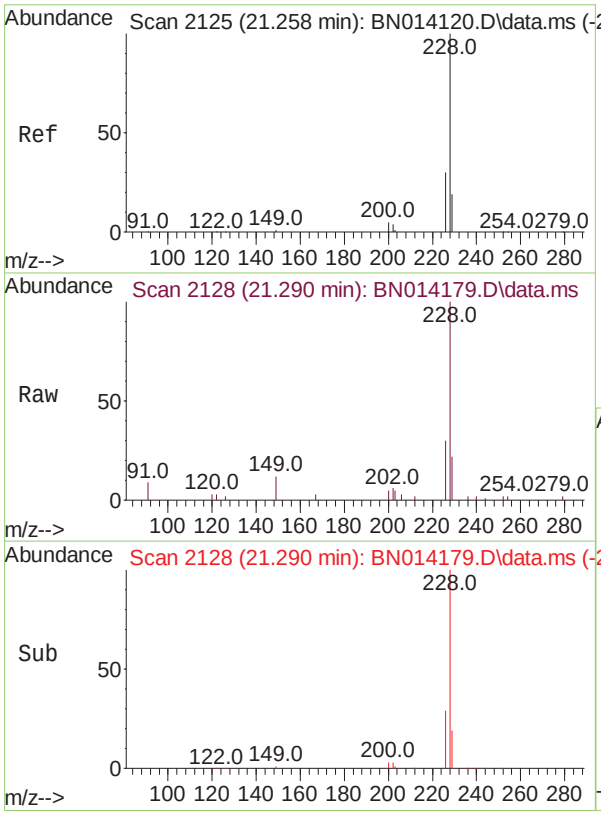
#32
Benzo(a)anthracene
Concen: 0.49 ng
RT: 21.236 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:228 Resp: 32906

Ion	Ratio	Lower	Upper
228	100		
226	28.0	20.6	31.0
229	21.8	16.2	24.2



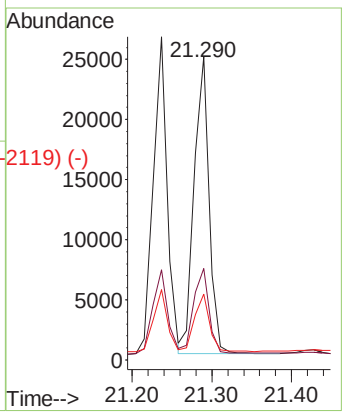
Instrument :
BNA_N
ClientSampleId :
PB135437BS

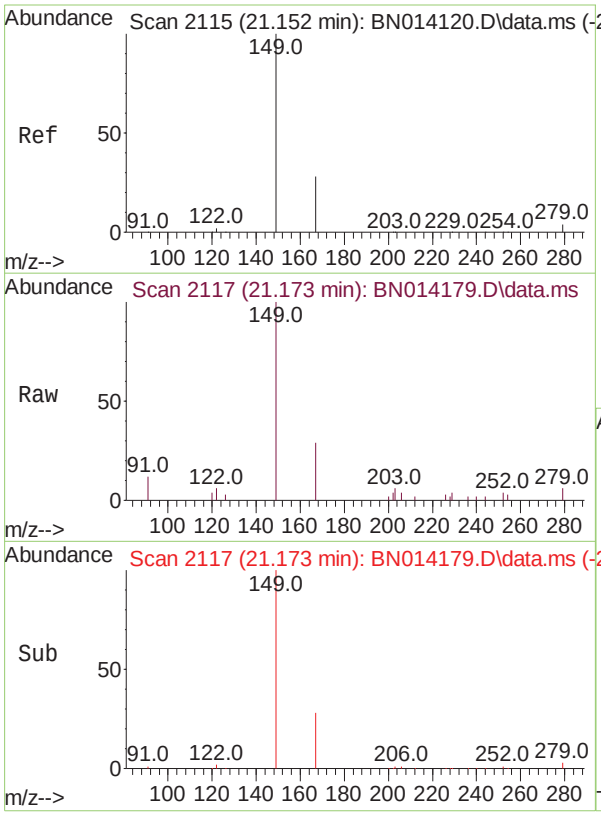


#23
Chrysene
Concen: 0.44 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:228 Resp: 32367

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	21.8	15.5	23.3

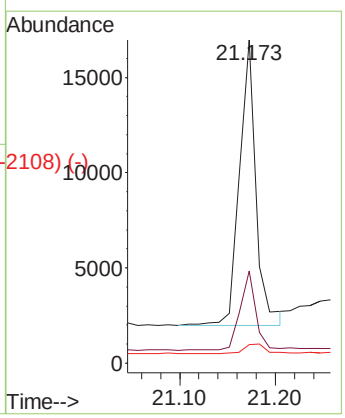




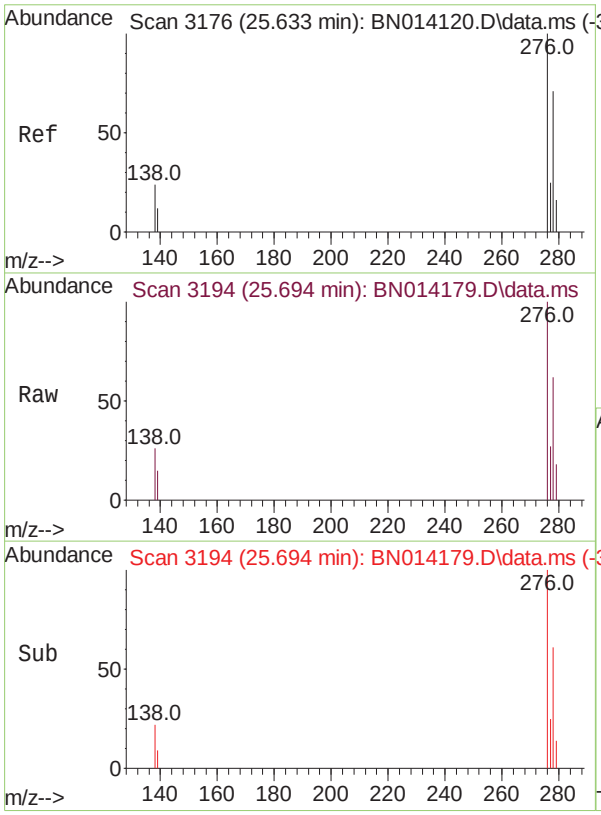
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.88 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:149 Resp: 17957

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	4.1	3.5	5.3



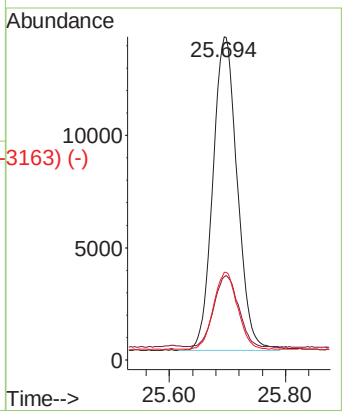
Instrument :
BNA_N
ClientSampleId :
PB135437BS

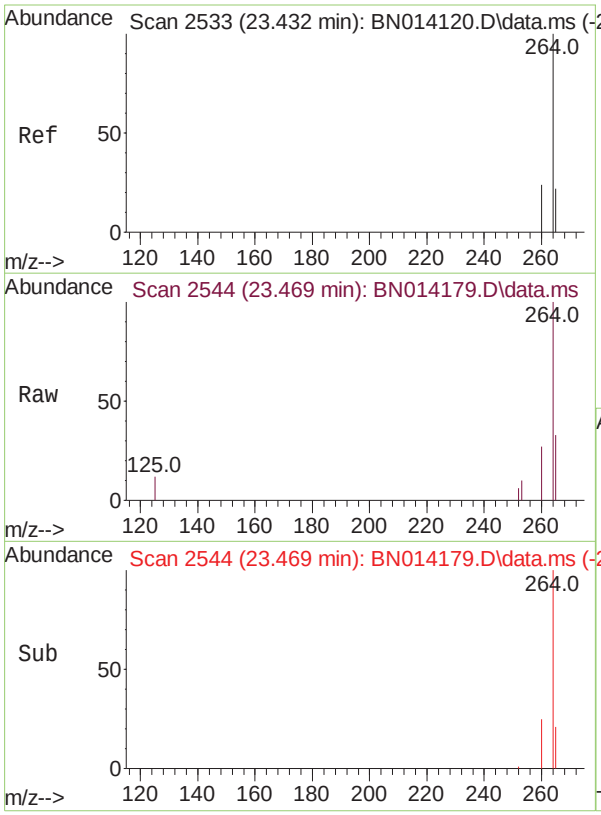


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.53 ng
RT: 25.694 min Scan# 3194
Delta R.T. 0.007 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:276 Resp: 40665

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.4	29.2
277	24.2	19.8	29.6

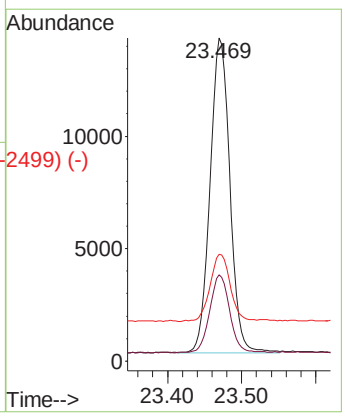




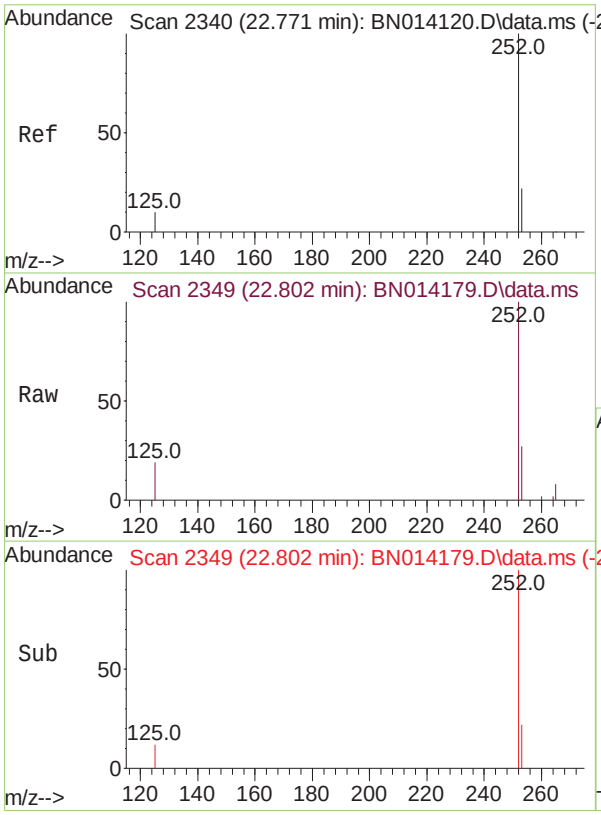
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.469 min Scan# 2544
Delta R.T. 0.003 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:264 Resp: 26044

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.8
265	33.0	30.7	46.1



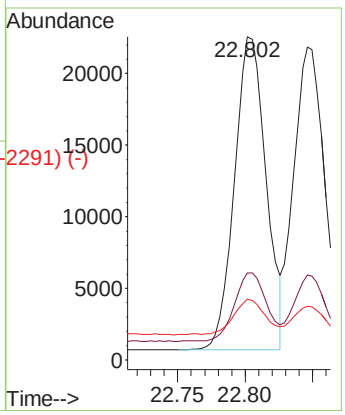
Instrument :
BNA_N
ClientSampleId :
PB135437BS

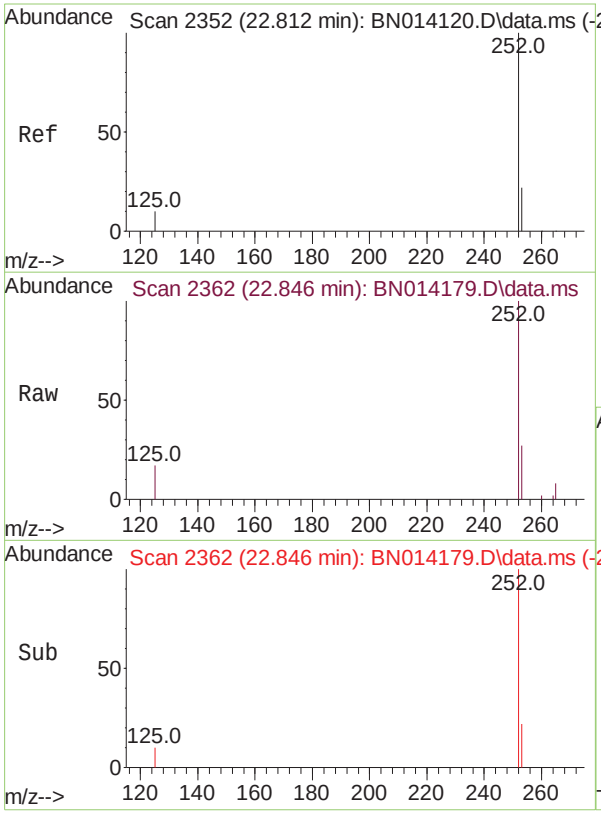


#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.802 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:252 Resp: 35593

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.6	30.8
125	18.8	9.4	14.2#

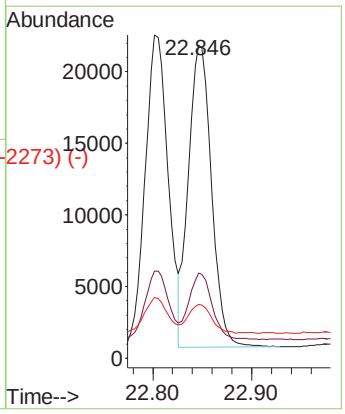




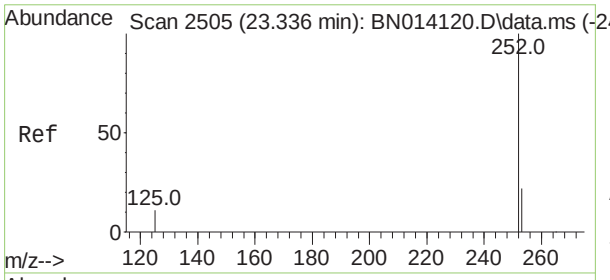
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.846 min Scan# 2362
Delta R.T. 0.003 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:252 Resp: 34223

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.6	30.8
125	17.3	9.5	14.3#



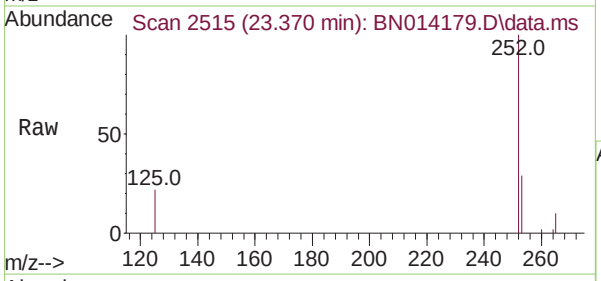
Instrument :
BNA_N
ClientSampleId :
PB135437BS

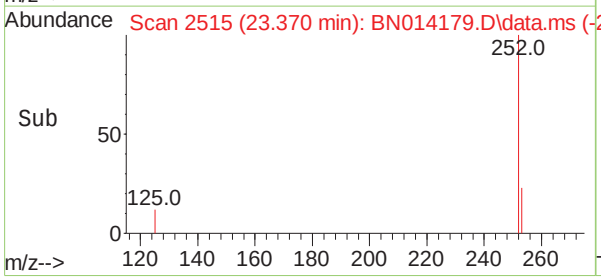


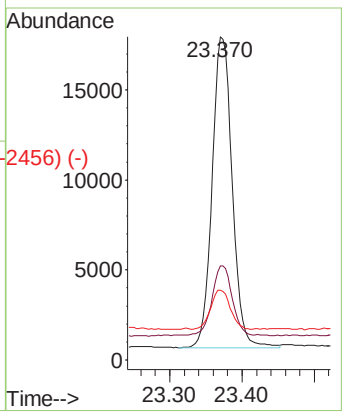
#39
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.370 min Scan# 2515
Delta R.T. 0.003 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

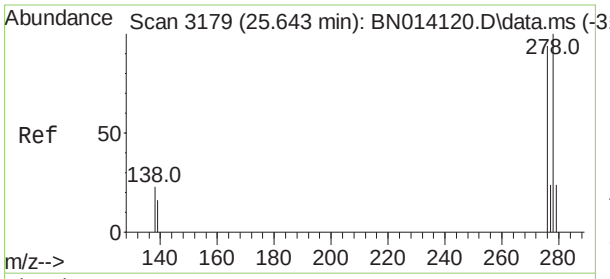
Tgt Ion:252 Resp: 33295

Ion	Ratio	Lower	Upper
252	100		
253	29.1	21.9	32.9
125	21.5	10.8	16.2#





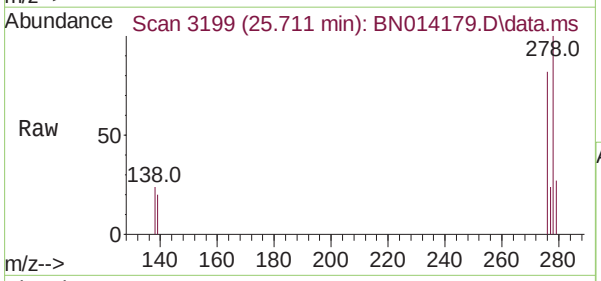


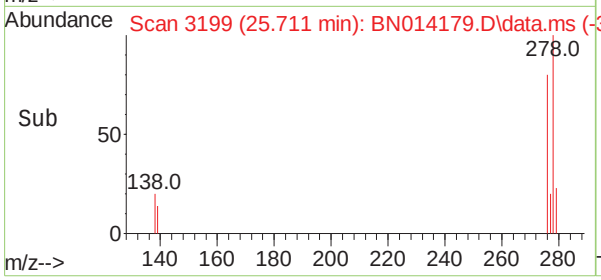


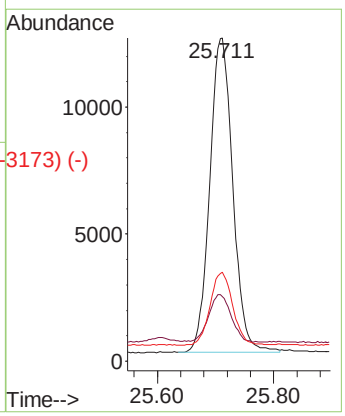
#40
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 25.711 min Scan# 3199
Delta R.T. 0.010 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

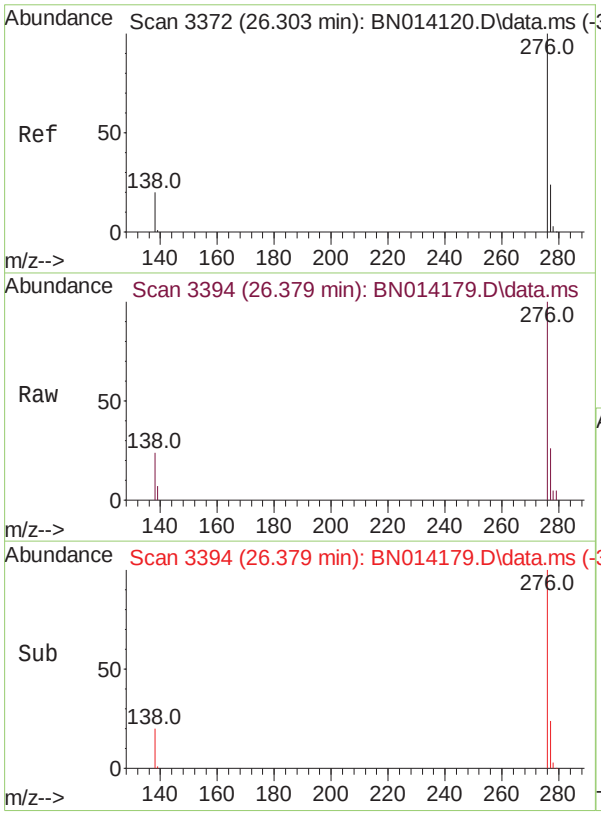
Tgt Ion:278 Resp: 34135

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.4	20.0#
279	27.5	21.3	31.9





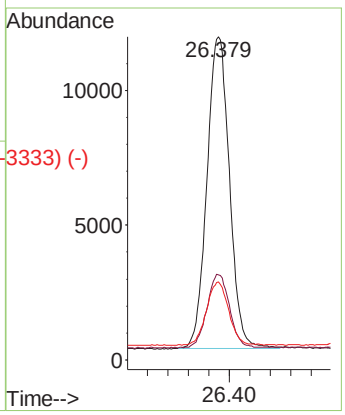




#41
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 26.379 min Scan# 3394
Delta R.T. 0.010 min
Lab File: BN014179.D
Acq: 01 Apr 2021 15:22

Tgt Ion:276 Resp: 35433

Ion	Ratio	Lower	Upper
276	100		
277	26.4	20.1	30.1
138	24.2	17.0	25.4



Instrument :
BNA_N
ClientSampleId :
PB135437BS