Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016253.D
Acq On : 09 Sep 2021 11:37
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 09 14:33:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 14:04:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	11678	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	54068	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	30523	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	60489	0.400	ng		0.00
29) Chrysene-d12	21.429	240	62176	0.400	ng	#	0.00
35) Perylene-d12	23.820	264	43127	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	95144	2.886	ng		0.00
5) Phenol-d6	7.034	99	123748	2.936	ng		0.00
8) Nitrobenzene-d5	9.012	82	143294	3.301	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	275902	3.204	ng		0.00
14) 2,4,6-Tribromophenol	15.981	330	46537	3.417	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	377130	3.277	ng		0.00
27) Fluoranthene-d10	19.276	212	603517	3.323	ng		0.00
31) Terphenyl-d14	19.867	244	505982	3.220	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	12651	3.386	ng		97
3) n-Nitrosodimethylamine	3.724	42	31051	3.418	ng	#	100
6) bis(2-Chloroethyl)ether	7.292	93	98766	3.240	ng		98
9) Naphthalene	10.711	128	468004	3.270	ng		100
10) Hexachlorobutadiene	10.990	225	94698	3.251	ng	#	99
12) 2-Methylnaphthalene	12.318	142	312453	3.236	ng		100
16) Acenaphthylene	14.205	152	460100	3.360	ng		100
17) Acenaphthene	14.548	154	290075	3.345	ng		97
18) Fluorene	15.537	166	363575	3.338	ng		99
20) 4,6-Dinitro-2-methylph...	15.626	198	20806	4.849	ng	#	55
21) 4-Bromophenyl-phenylether	16.433	248	108941	3.409	ng		96
22) Hexachlorobenzene	16.555	284	125960	3.340	ng		100
23) Atrazine	16.701	200	110441	3.414	ng		99
24) Pentachlorophenol	16.896	266	35456	3.664	ng		98
25) Phenanthrene	17.273	178	573075	3.384	ng		100
26) Anthracene	17.370	178	555276	3.439	ng		100
28) Fluoranthene	19.301	202	677020	3.371	ng		100
30) Pyrene	19.668	202	696913	3.441	ng		100
32) Benzo(a)anthracene	21.418	228	691950	3.314	ng		98
33) Chrysene	21.472	228	666378	3.284	ng		98
34) Bis(2-ethylhexyl)phtha...	21.344	149	432571	3.077	ng		99
36) Indeno(1,2,3-cd)pyrene	26.291	276	283447	2.363	ng		100
37) Benzo(b)fluoranthene	23.094	252	579826	3.937	ng		98
38) Benzo(k)fluoranthene	23.139	252	510966	3.789	ng		98
39) Benzo(a)pyrene	23.714	252	446357	3.415	ng		97
40) Dibenzo(a,h)anthracene	26.308	278	232217	2.319	ng		94
41) Benzo(g,h,i)perylene	27.051	276	224202	2.225	ng		96

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

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Misc :
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Instrument :
BNA_N
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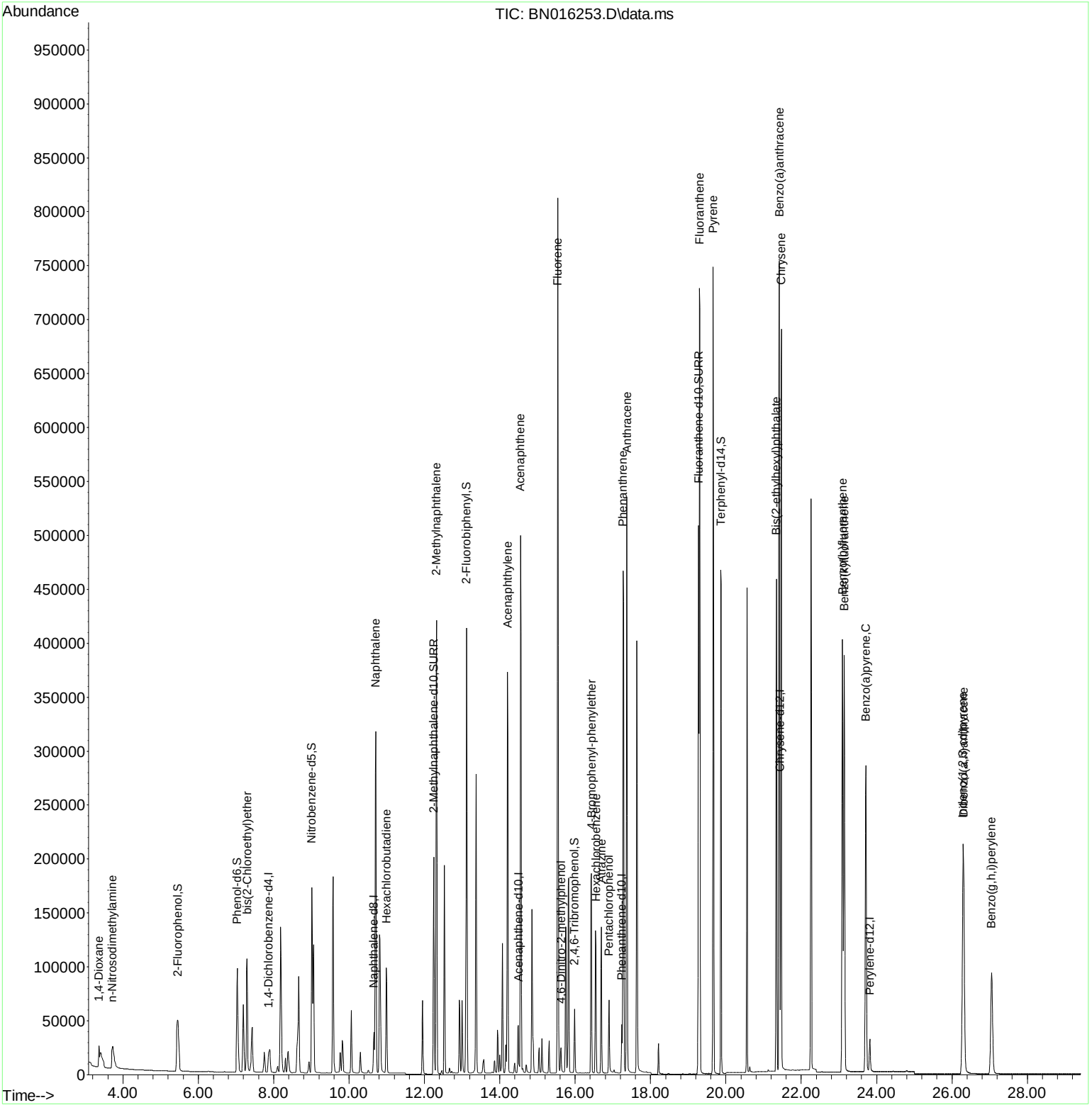

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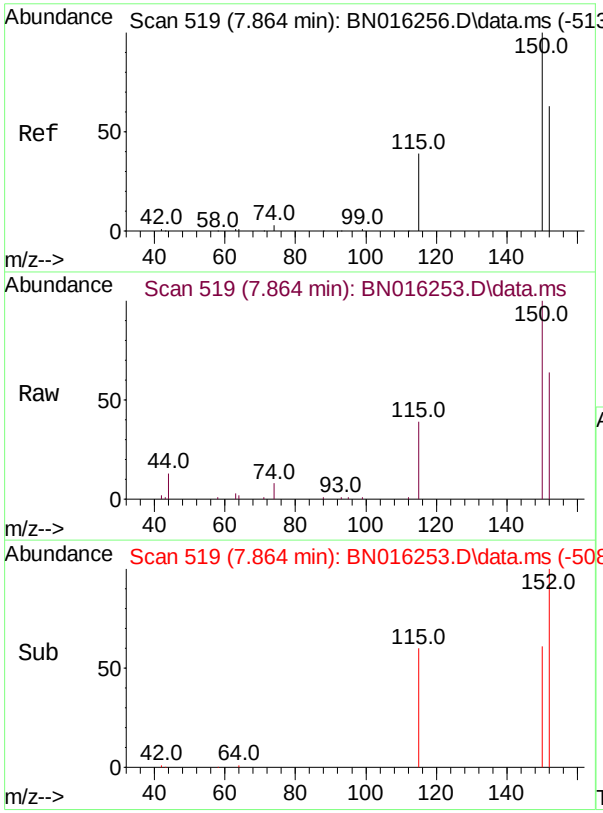
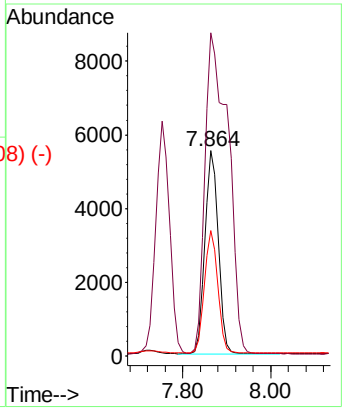
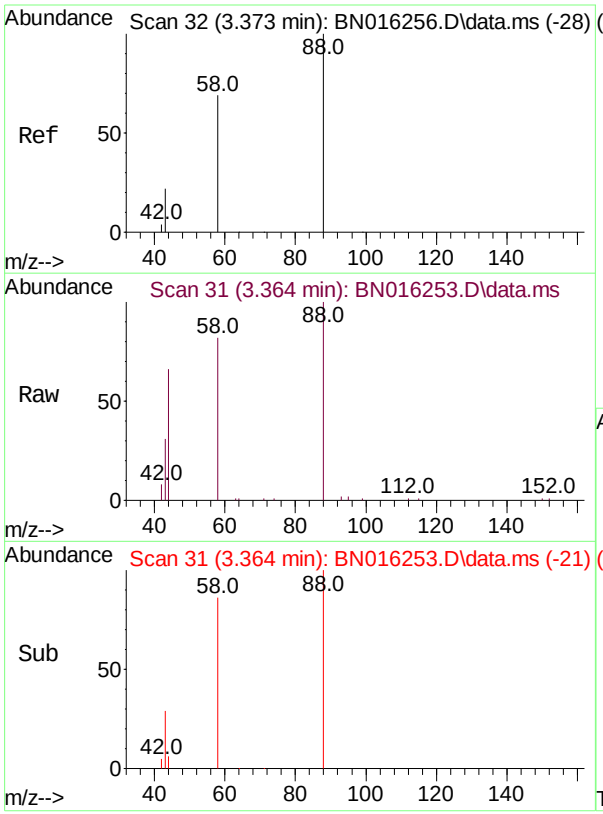


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:152 Resp: 11678

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.6	188.4
115	61.2	50.2	75.2

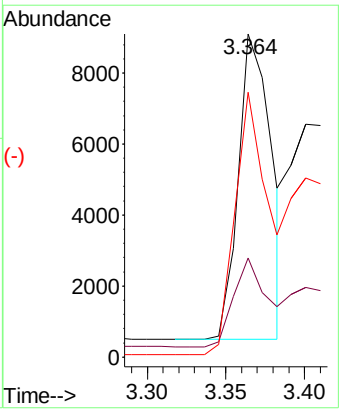




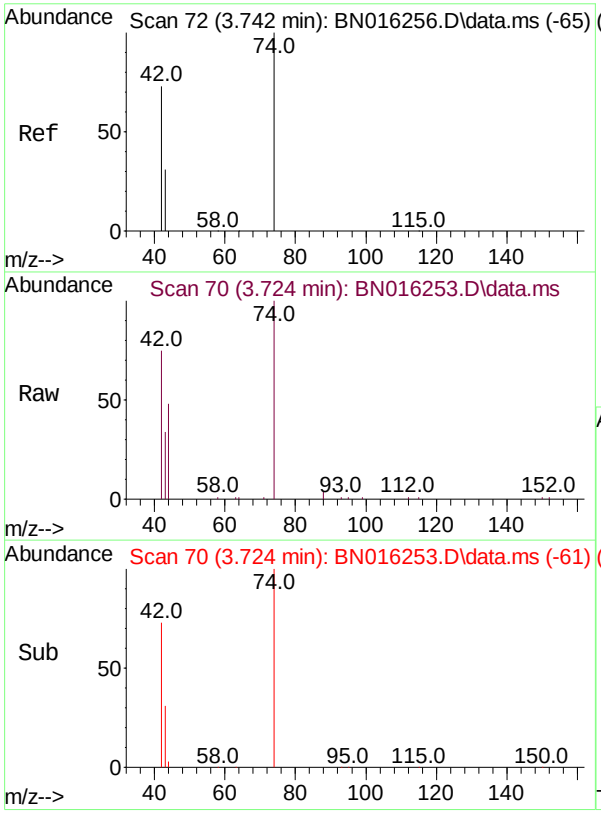
#2
1,4-Dioxane
Concen: 3.386 ng
RT: 3.364 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion: 88 Resp: 12651

Ion	Ratio	Lower	Upper
88	100		
43	29.5	20.3	30.5
58	86.1	69.9	104.9



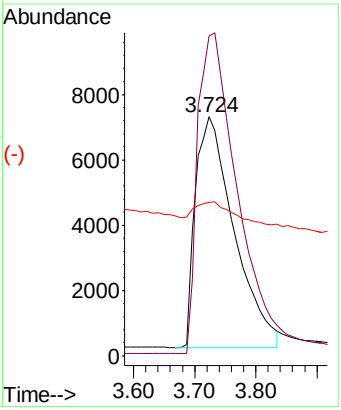
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

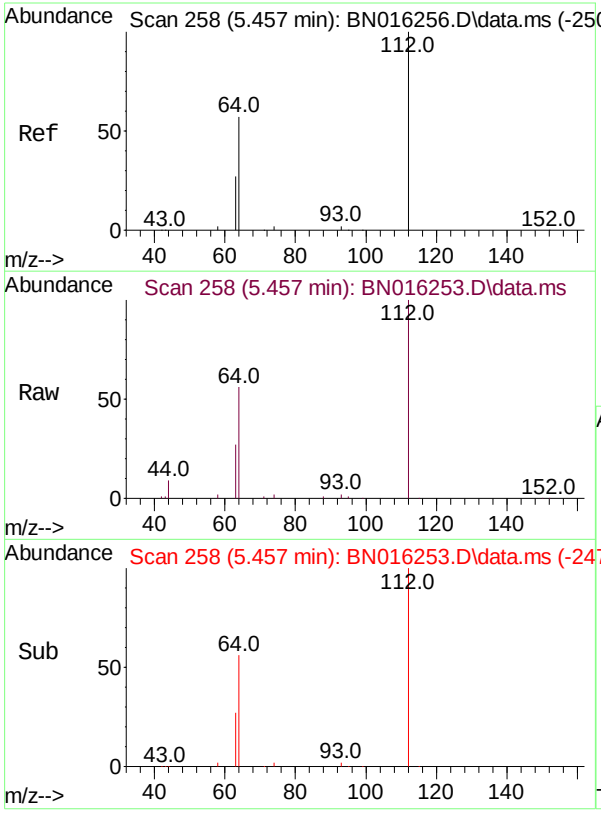


#3
n-Nitrosodimethylamine
Concen: 3.418 ng
RT: 3.724 min Scan# 70
Delta R.T. -0.019 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion: 42 Resp: 31051

Ion	Ratio	Lower	Upper
42	100		
74	141.9	113.6	170.4
44	10.0	0.0	0.0#

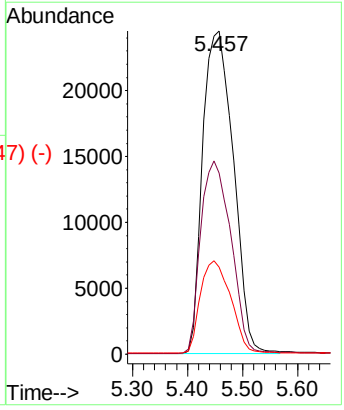




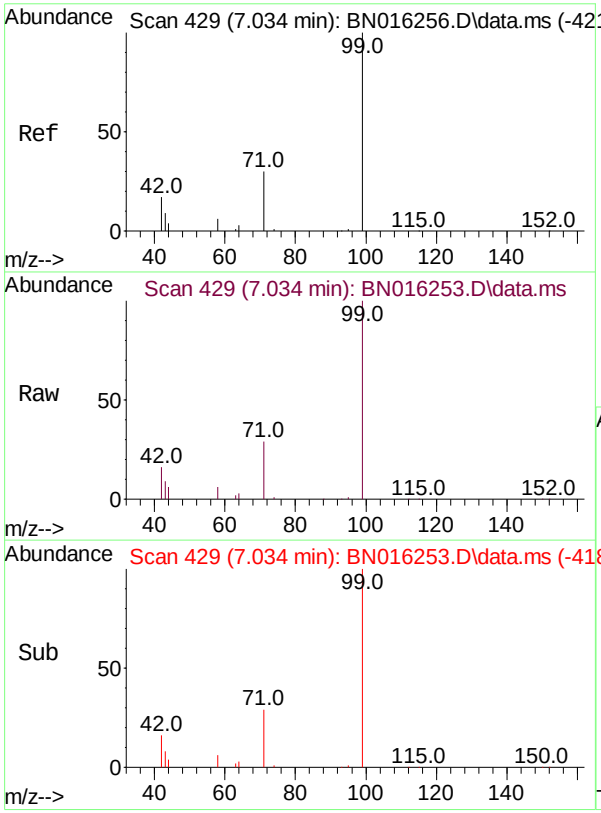
#4
2-Fluorophenol
Concen: 2.886 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:112 Resp: 95144

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.3	70.9
63	28.3	23.4	35.0



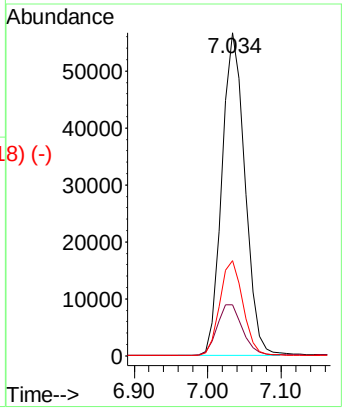
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

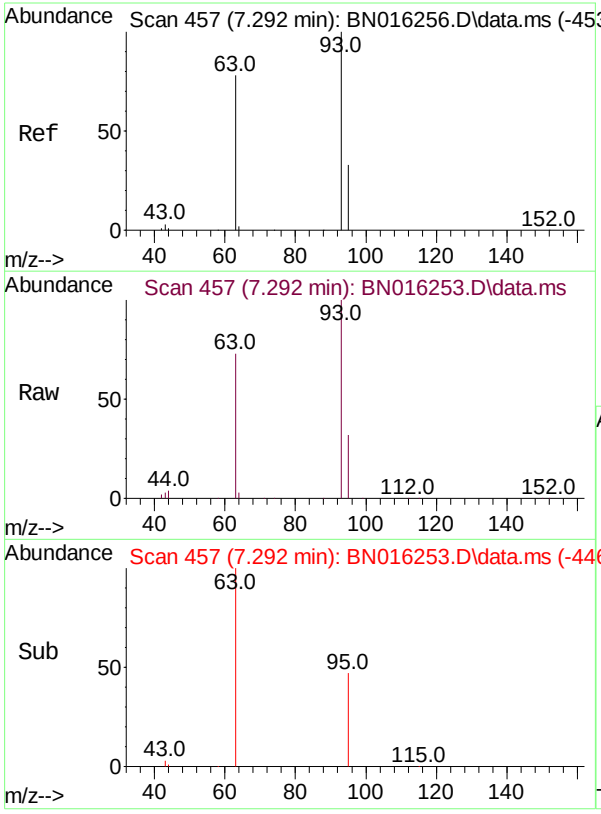


#5
Phenol-d6
Concen: 2.936 ng
RT: 7.034 min Scan# 429
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion: 99 Resp: 123748

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.0	21.0
71	29.6	23.8	35.6

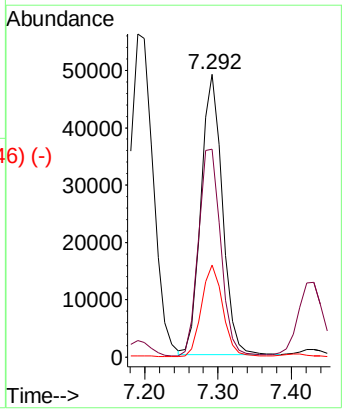




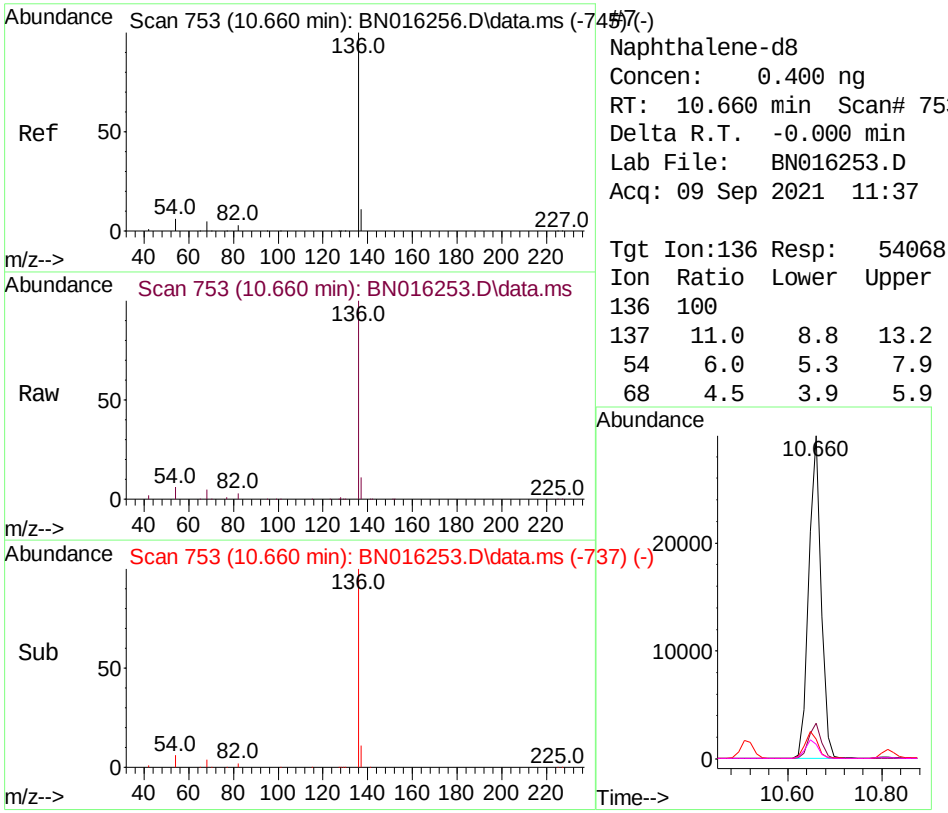
#6
bis(2-Chloroethyl)ether
Concen: 3.240 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion: 93 Resp: 98766

Ion	Ratio	Lower	Upper
93	100		
63	77.5	63.4	95.0
95	32.7	26.8	40.2



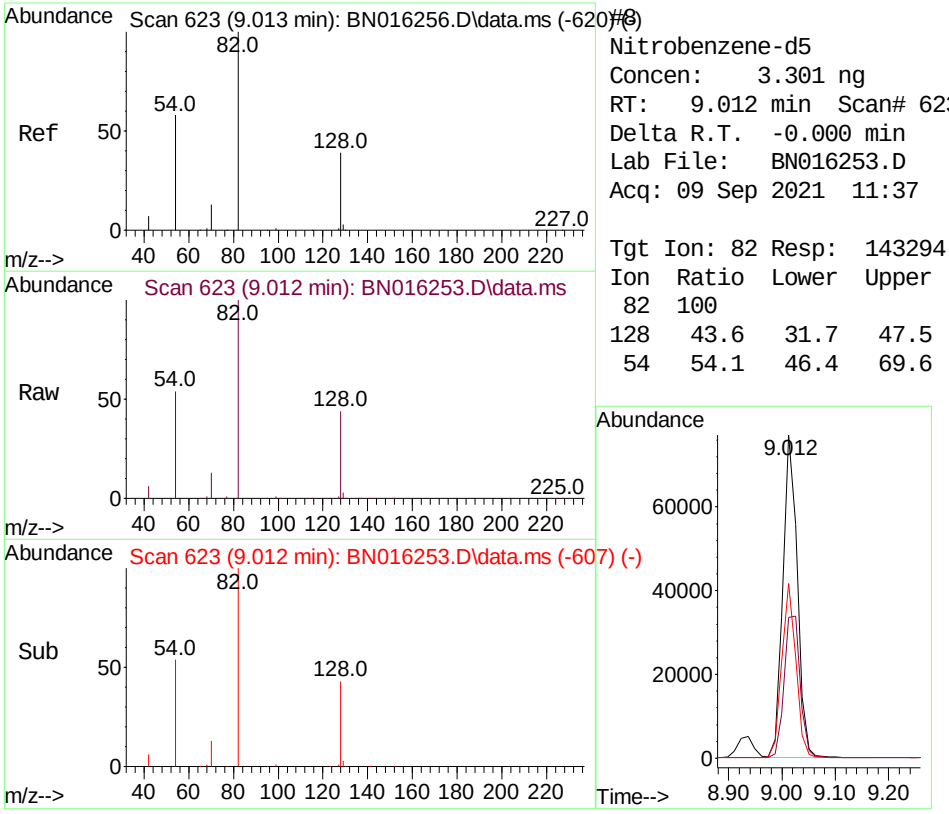
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:136 Resp: 54068

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.0	5.3	7.9
68	4.5	3.9	5.9

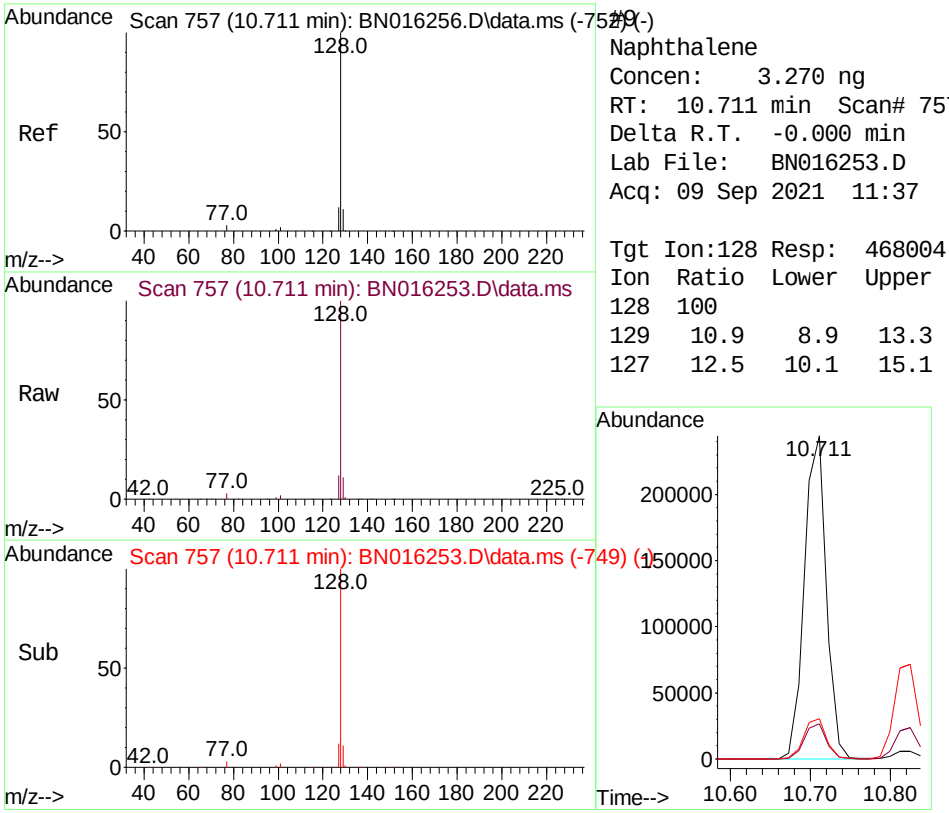


#8
Nitrobenzene-d5
Concen: 3.301 ng
RT: 9.012 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion: 82 Resp: 143294

Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.7	47.5
54	54.1	46.4	69.6

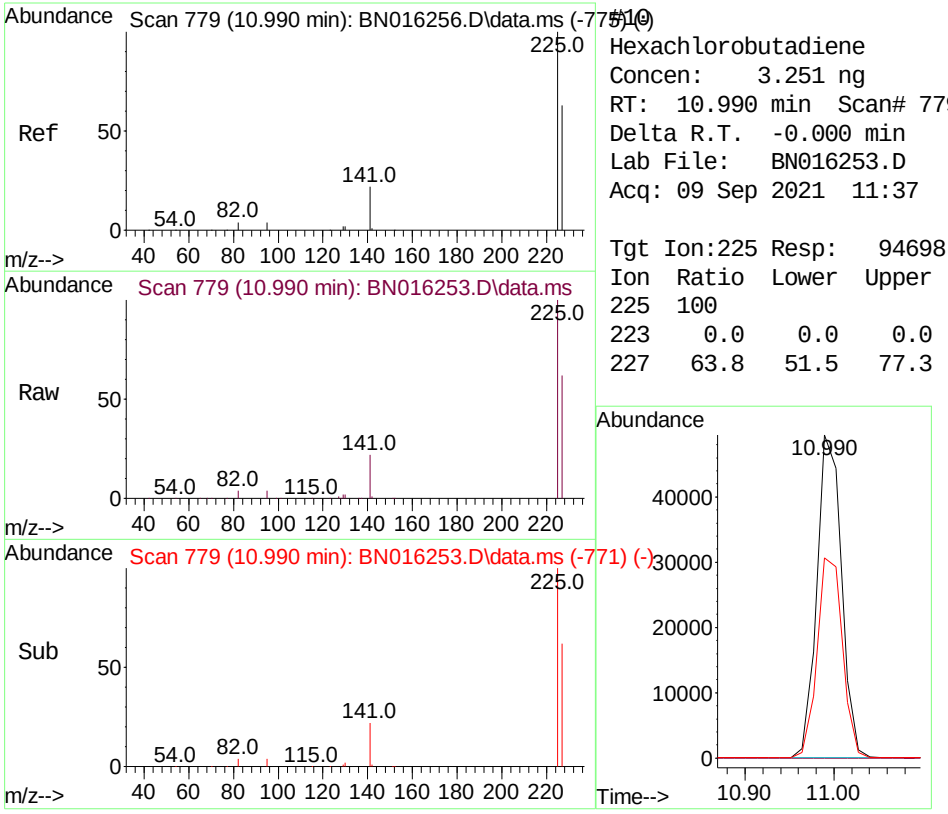
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#9
Naphthalene
Concen: 3.270 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:128 Resp: 468004

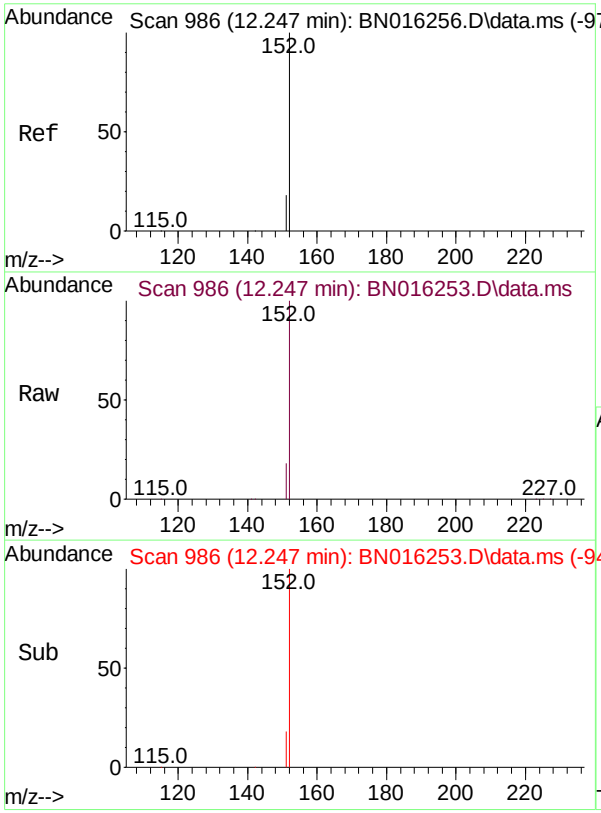
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.5	10.1	15.1



#10
Hexachlorobutadiene
Concen: 3.251 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:225 Resp: 94698

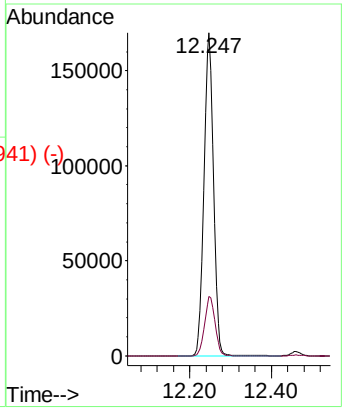
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.5	77.3



#11
2-Methylnaphthalene-d10
Concen: 3.204 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:152 Resp: 275902

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1



Instrument :
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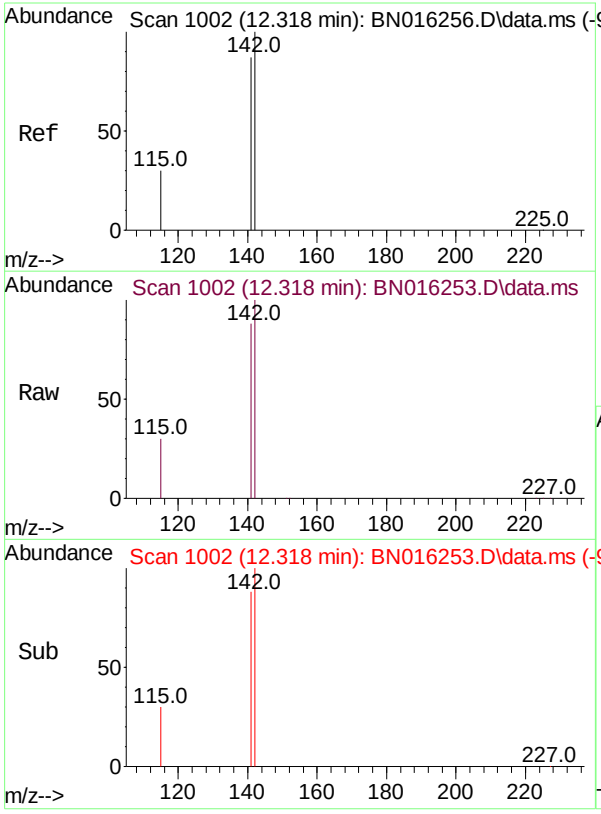
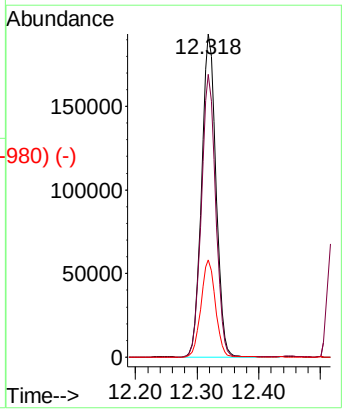


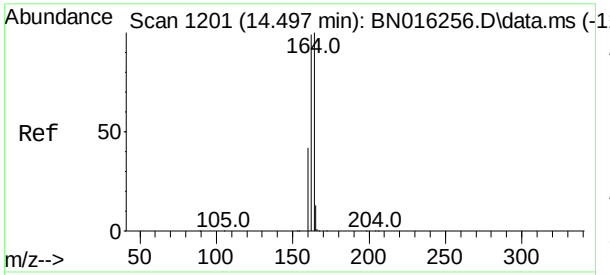
#12
2-Methylnaphthalene
Concen: 3.236 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:142 Resp: 312453

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.8
115	30.1	24.4	36.6



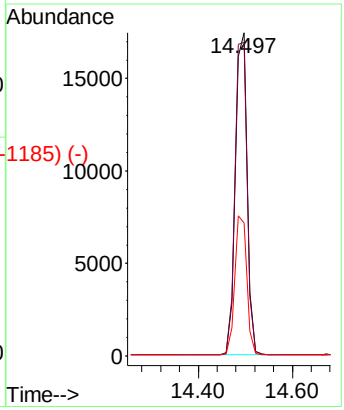
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

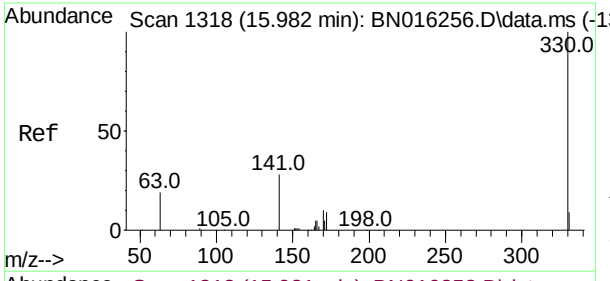


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:164 Resp: 30523

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.0	118.4
160	41.1	34.1	51.1

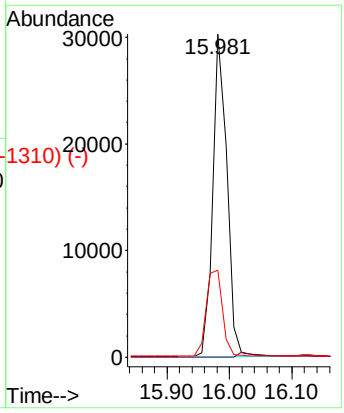




#14
2,4,6-Tribromophenol
Concen: 3.417 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:330 Resp: 46537

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.8	25.0	37.4



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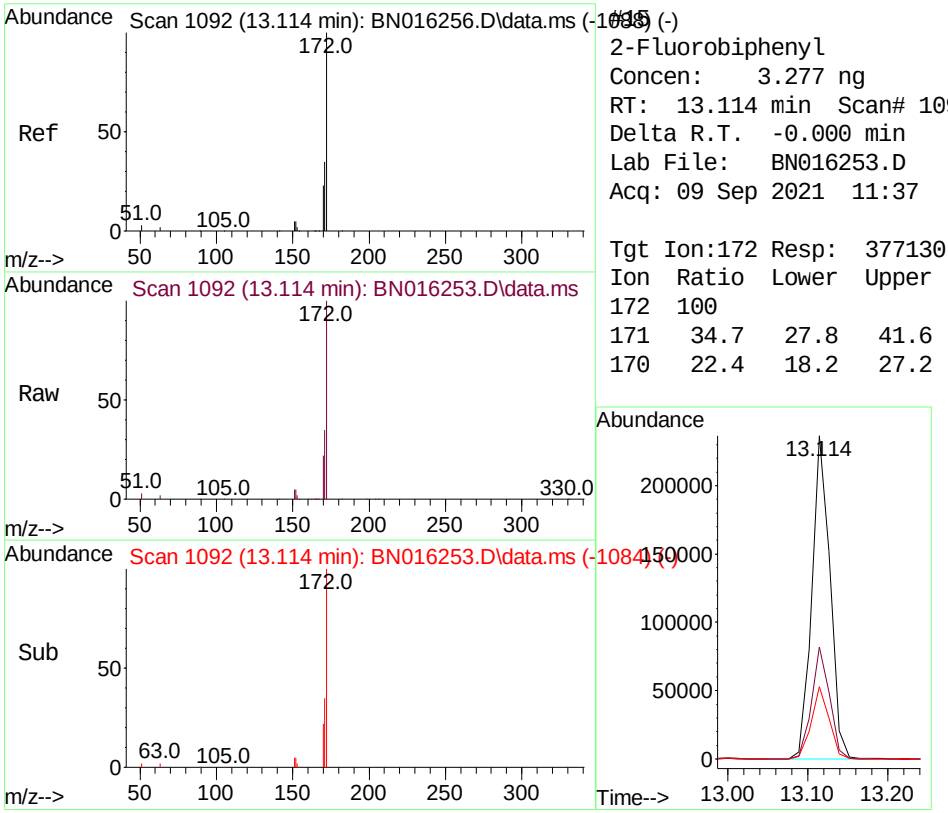
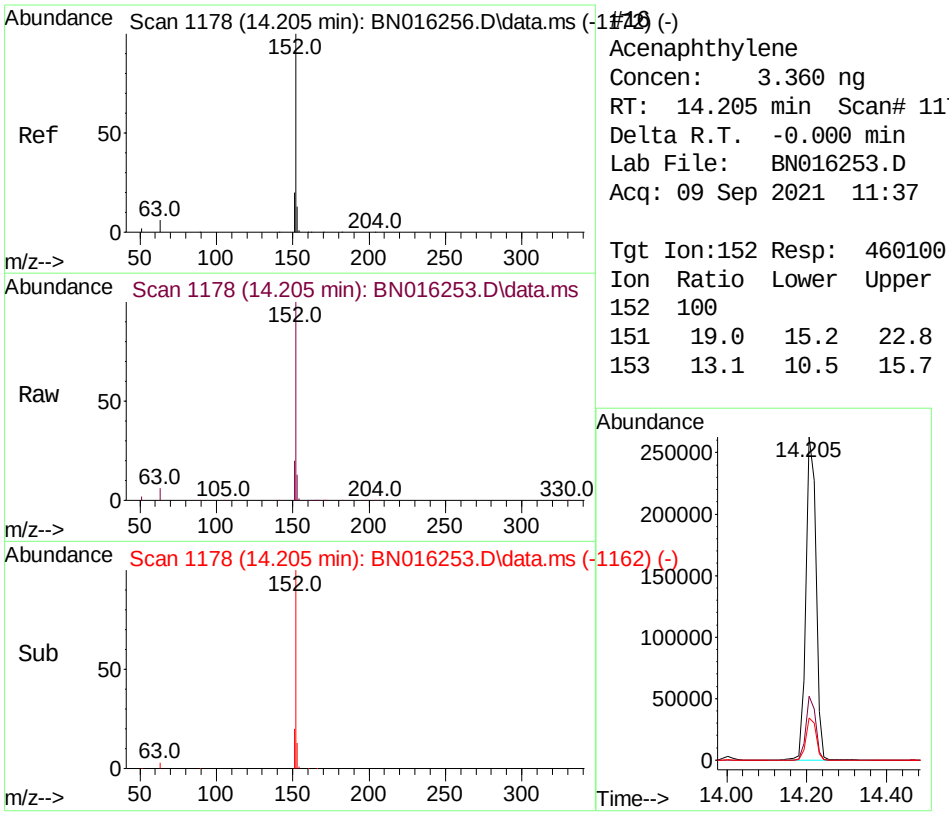


#15
2-Fluorobiphenyl
Concen: 3.277 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:172 Resp: 377130

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.4	18.2	27.2

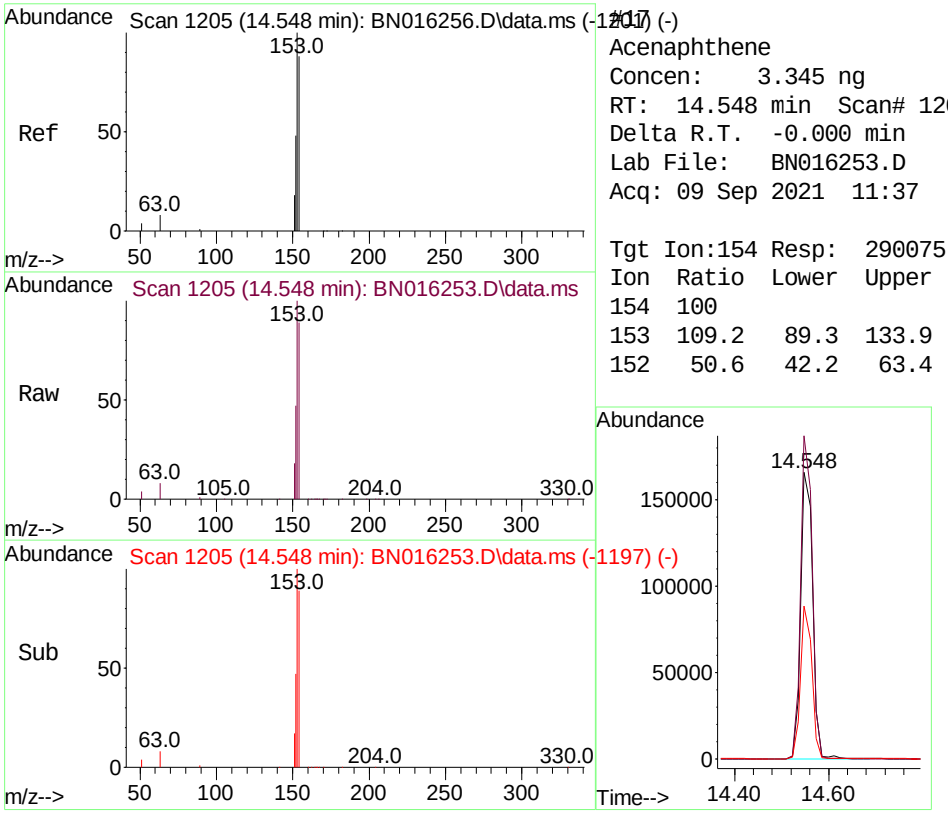


#16
Acenaphthylene
Concen: 3.360 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:152 Resp: 460100

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.1	10.5	15.7

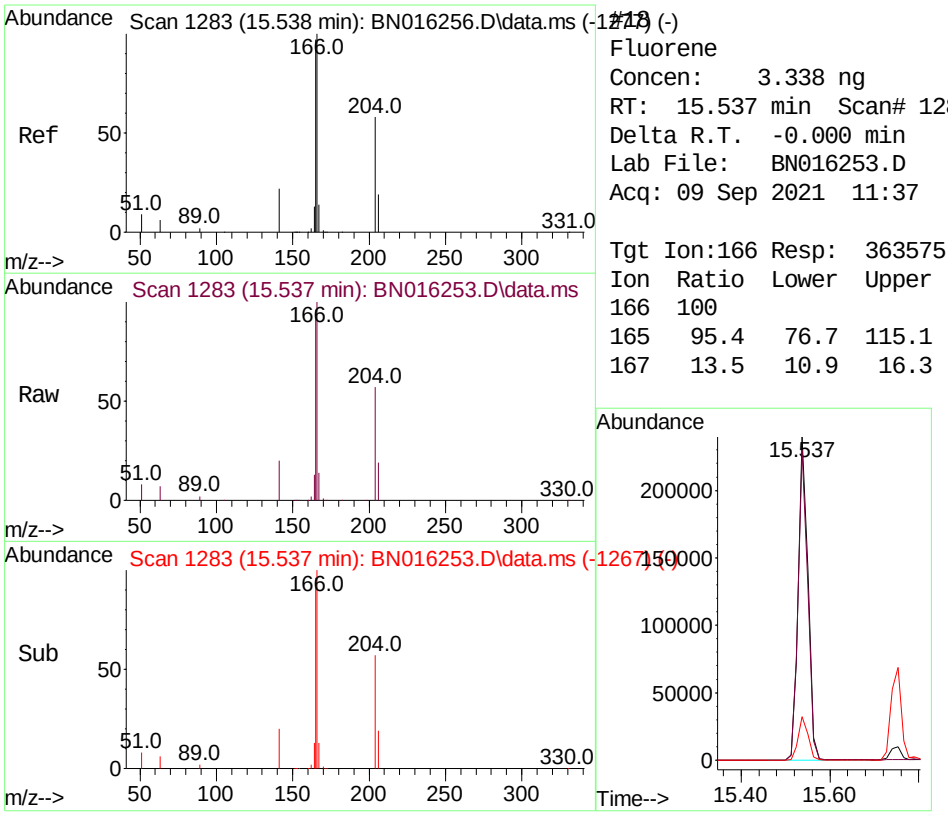
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#117
Acenaphthene
Concen: 3.345 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:154 Resp: 290075

Ion	Ratio	Lower	Upper
154	100		
153	109.2	89.3	133.9
152	50.6	42.2	63.4

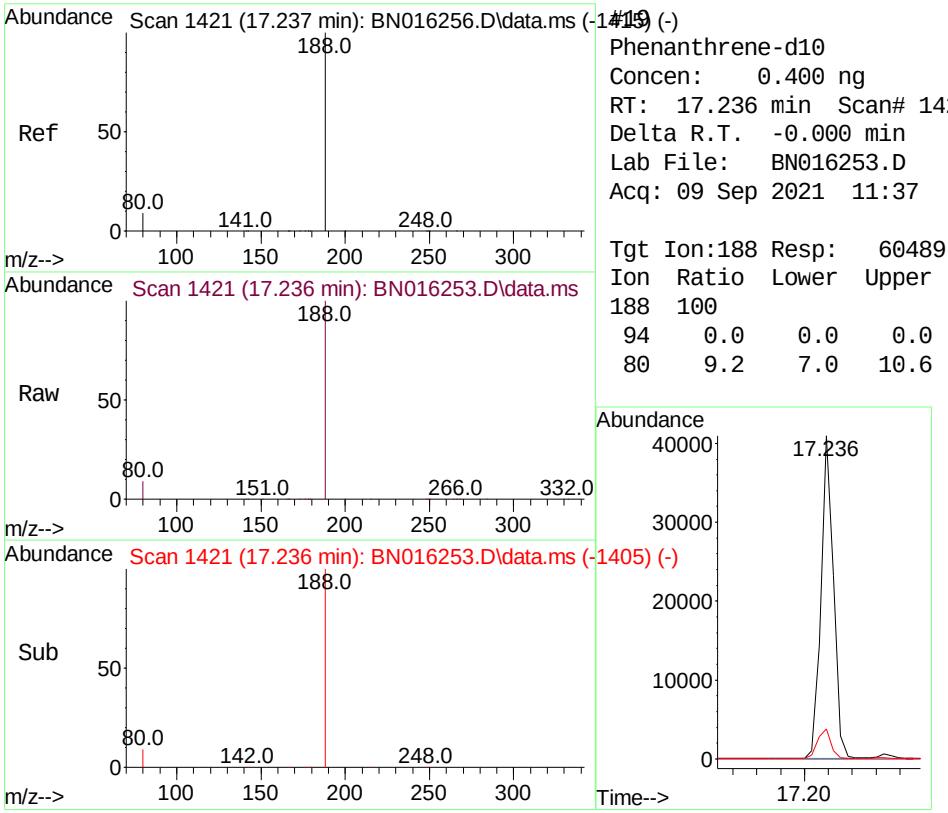


#118
Fluorene
Concen: 3.338 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:166 Resp: 363575

Ion	Ratio	Lower	Upper
166	100		
165	95.4	76.7	115.1
167	13.5	10.9	16.3

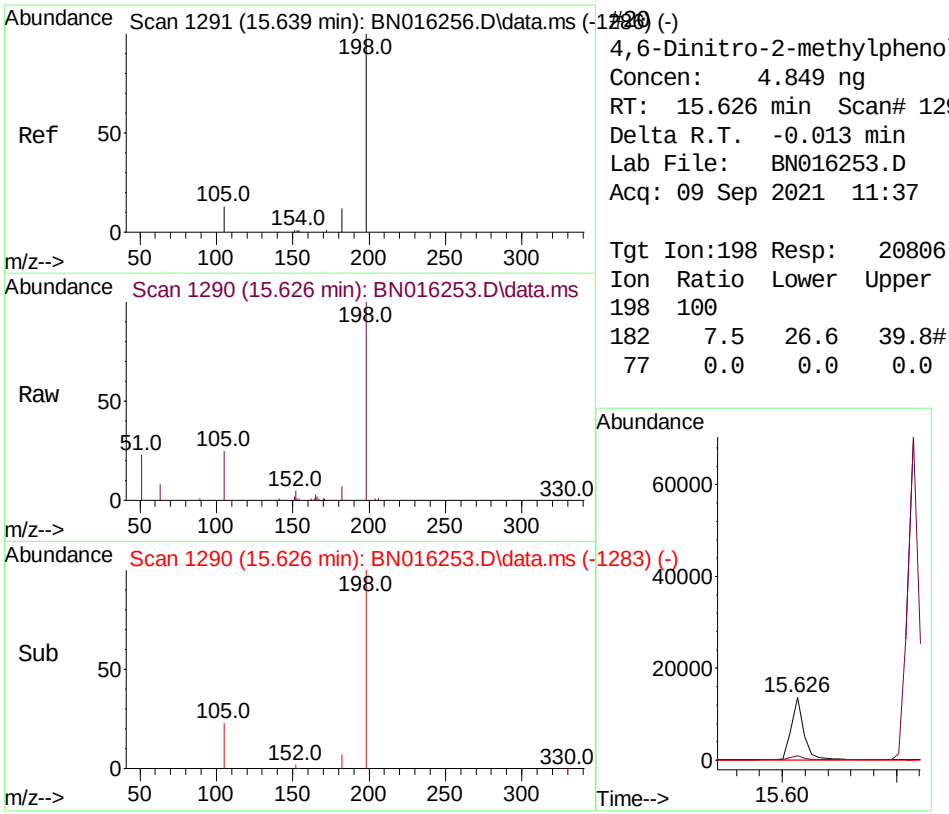
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:188 Resp: 60489

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.0	10.6

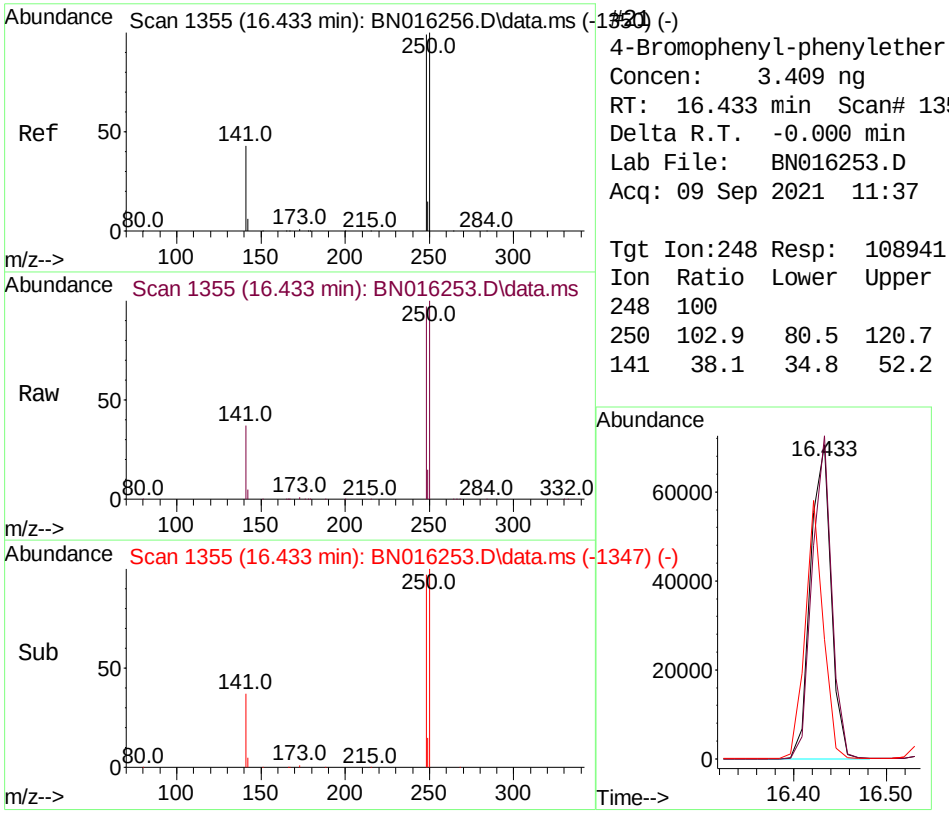


#20
4,6-Dinitro-2-methylphenol
Concen: 4.849 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:198 Resp: 20806

Ion	Ratio	Lower	Upper
198	100		
182	7.5	26.6	39.8#
77	0.0	0.0	0.0

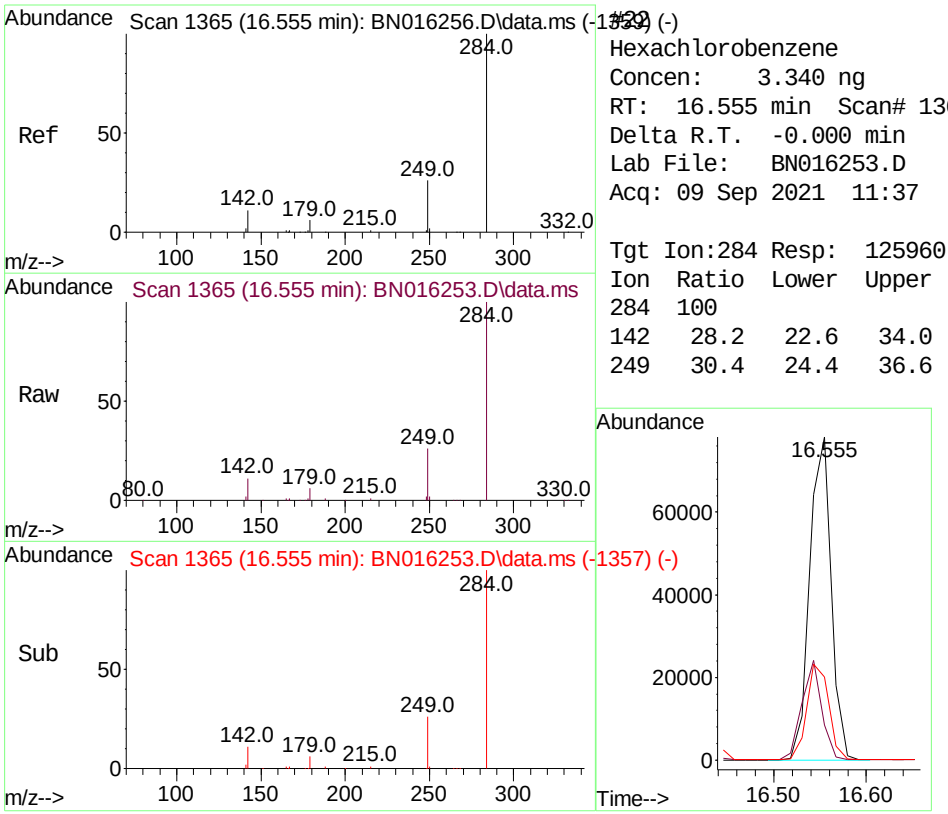
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#21
4-Bromophenyl-phenylether
Concen: 3.409 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:248 Resp: 108941

Ion	Ratio	Lower	Upper
248	100		
250	102.9	80.5	120.7
141	38.1	34.8	52.2

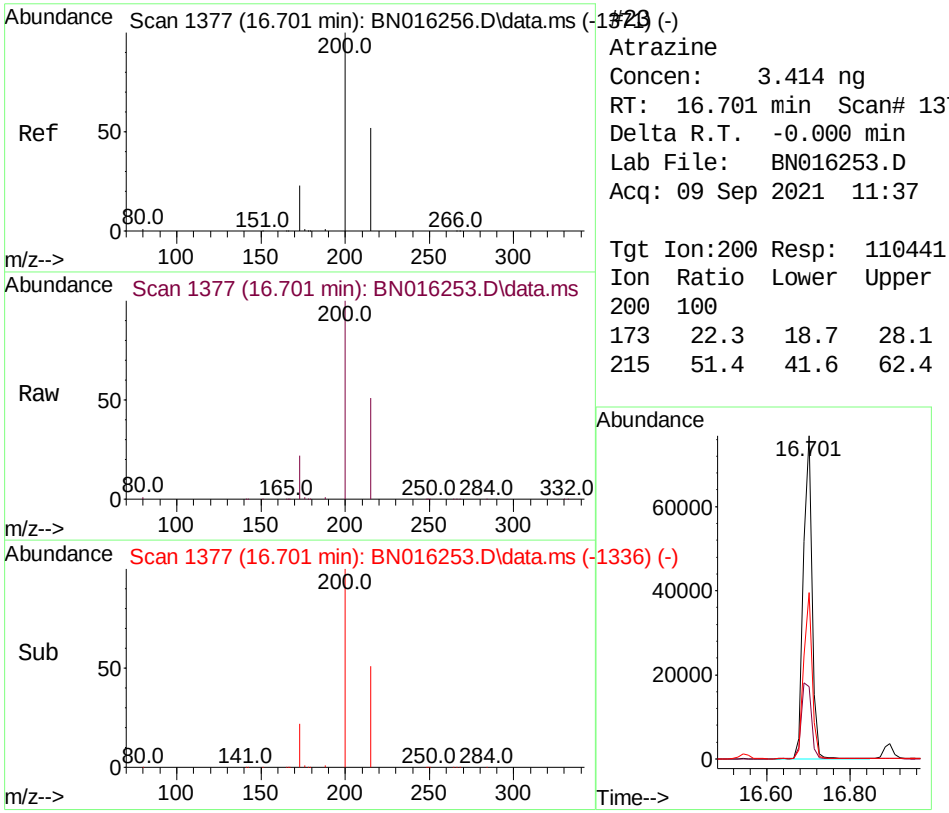


#22
Hexachlorobenzene
Concen: 3.340 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:284 Resp: 125960

Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.6	34.0
249	30.4	24.4	36.6

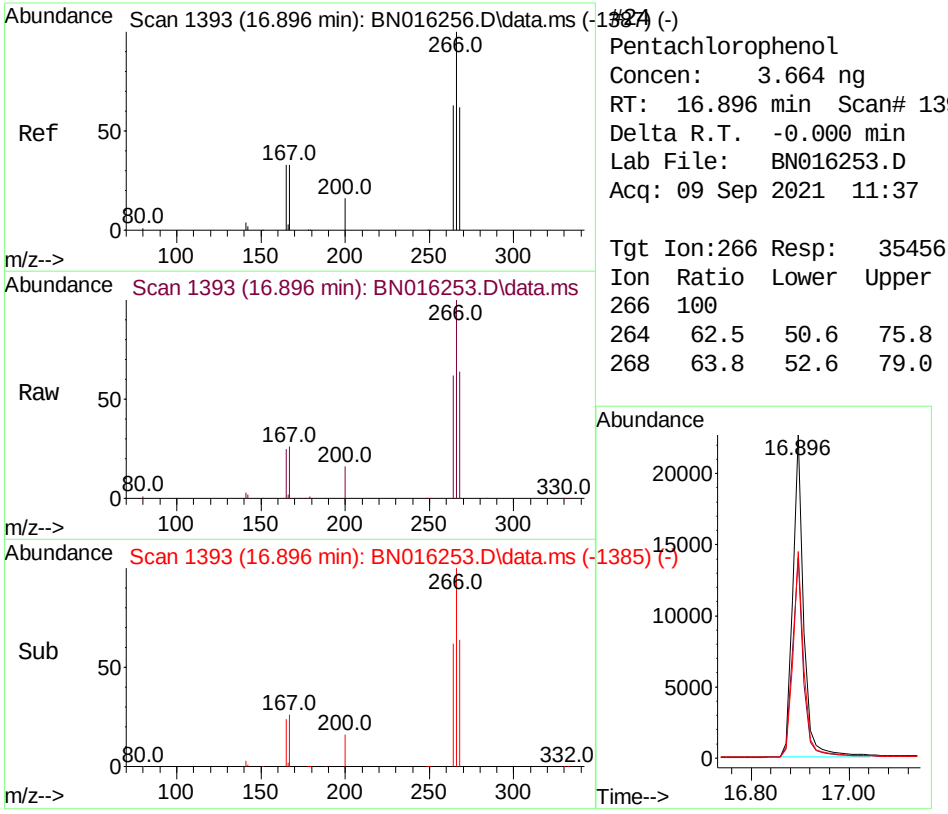
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#20
Atrazine
Concen: 3.414 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:200 Resp: 110441

Ion	Ratio	Lower	Upper
200	100		
173	22.3	18.7	28.1
215	51.4	41.6	62.4

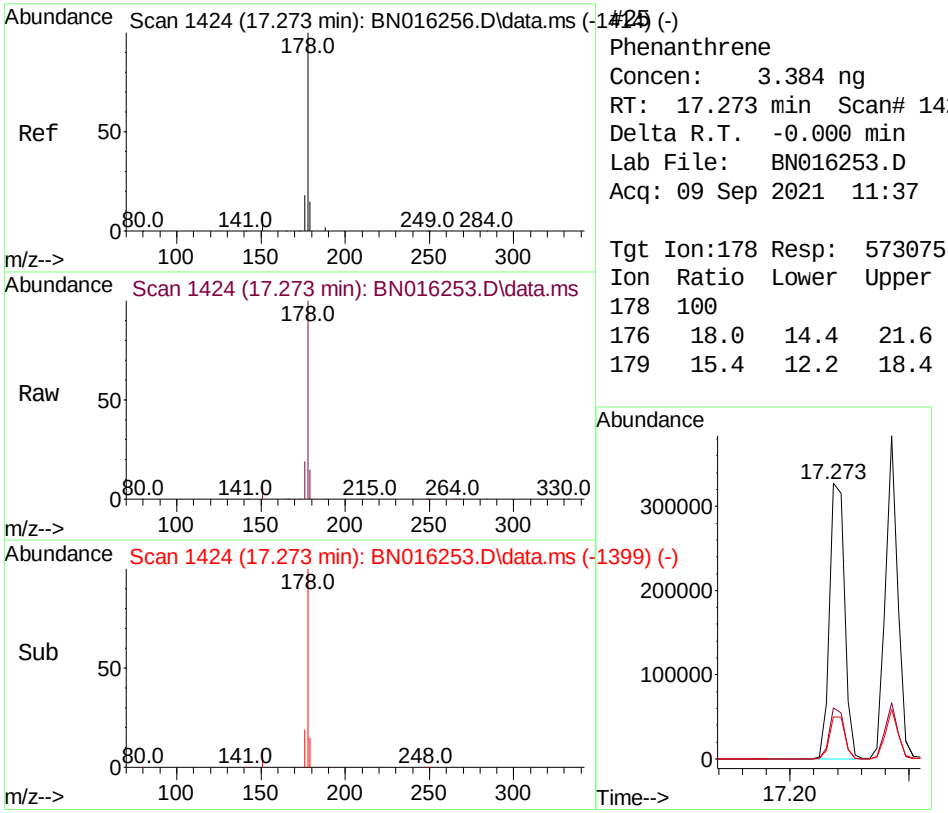


#24
Pentachlorophenol
Concen: 3.664 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:266 Resp: 35456

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.6	75.8
268	63.8	52.6	79.0

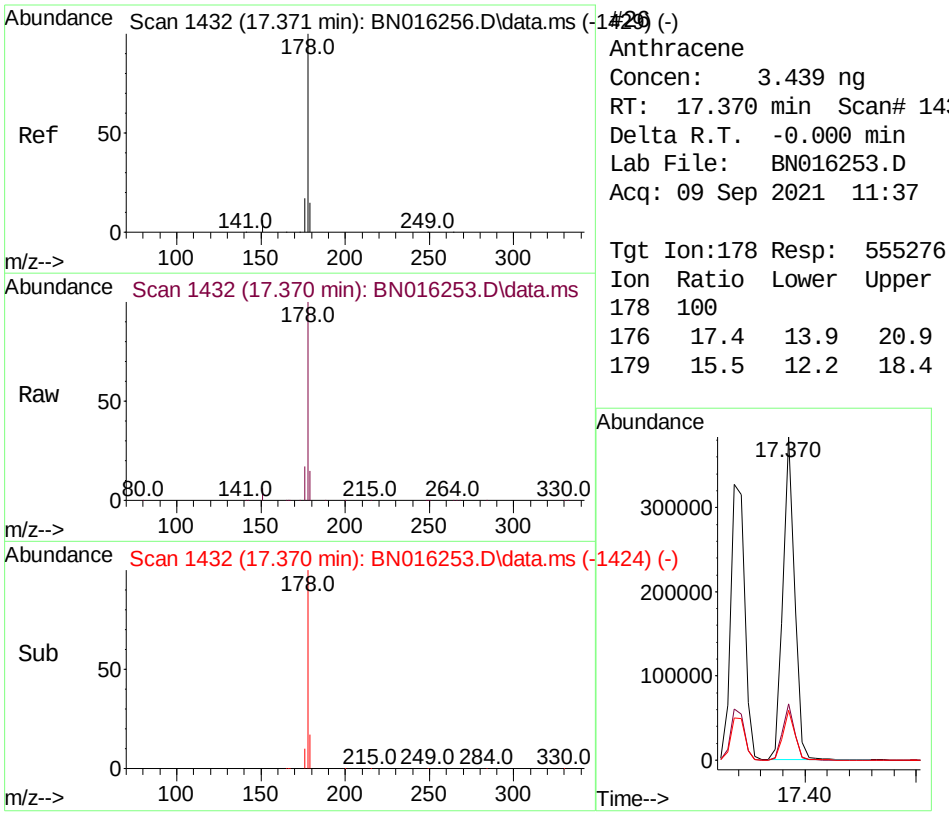
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#25
Phenanthrene
Concen: 3.384 ng
RT: 17.273 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:178 Resp: 573075

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.4	12.2	18.4

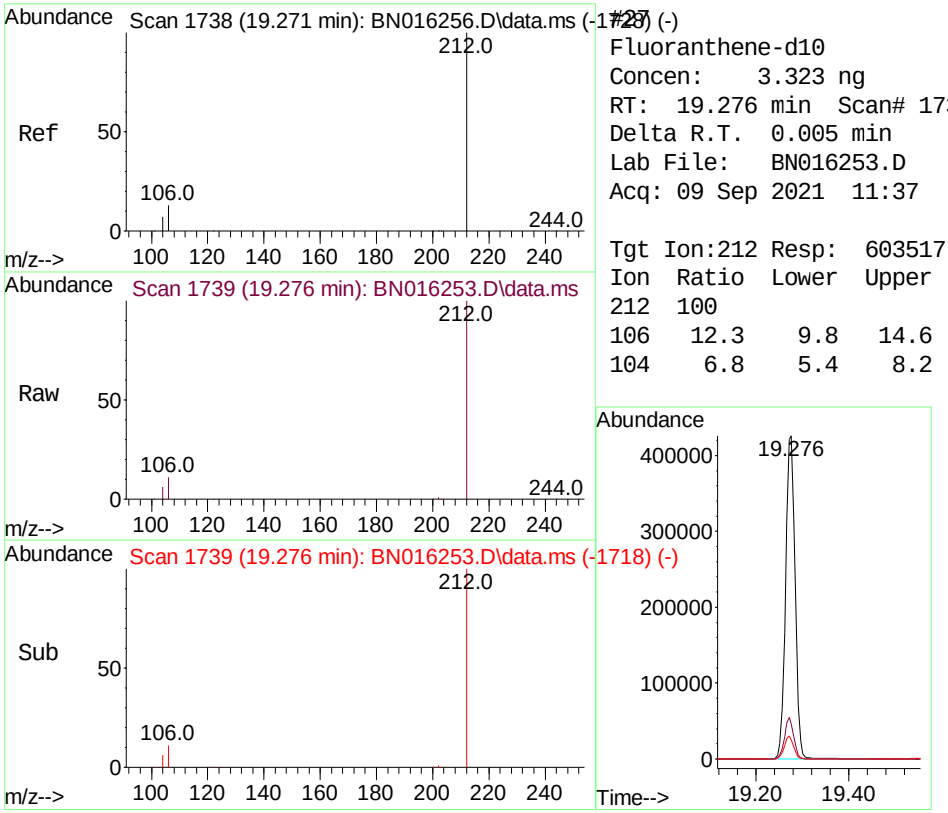


#26
Anthracene
Concen: 3.439 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:178 Resp: 555276

Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.9	20.9
179	15.5	12.2	18.4

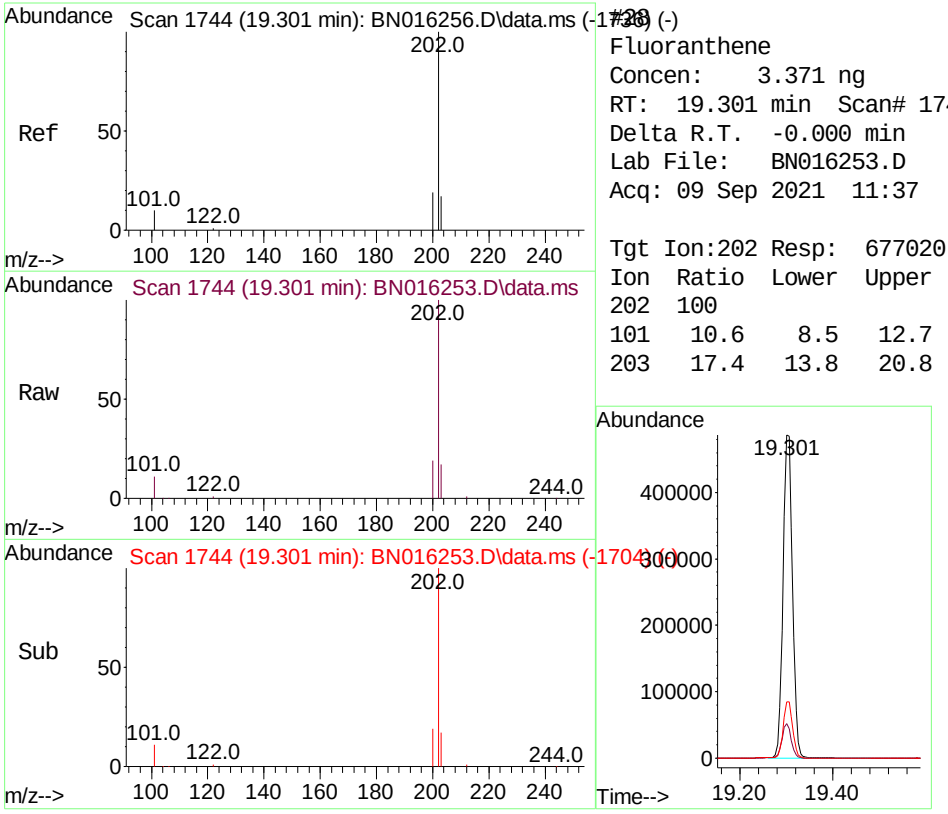
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#27
Fluoranthene-d10
Concen: 3.323 ng
RT: 19.276 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:212 Resp: 603517

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.8	14.6
104	6.8	5.4	8.2

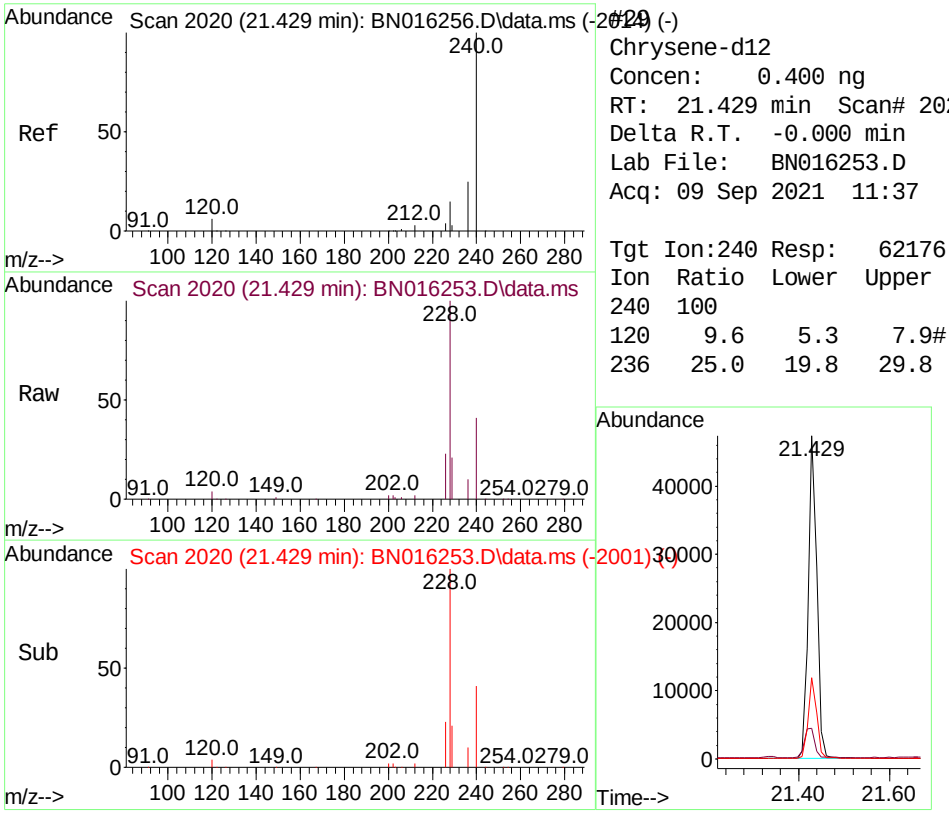


#28
Fluoranthene
Concen: 3.371 ng
RT: 19.301 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:202 Resp: 677020

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.4	13.8	20.8

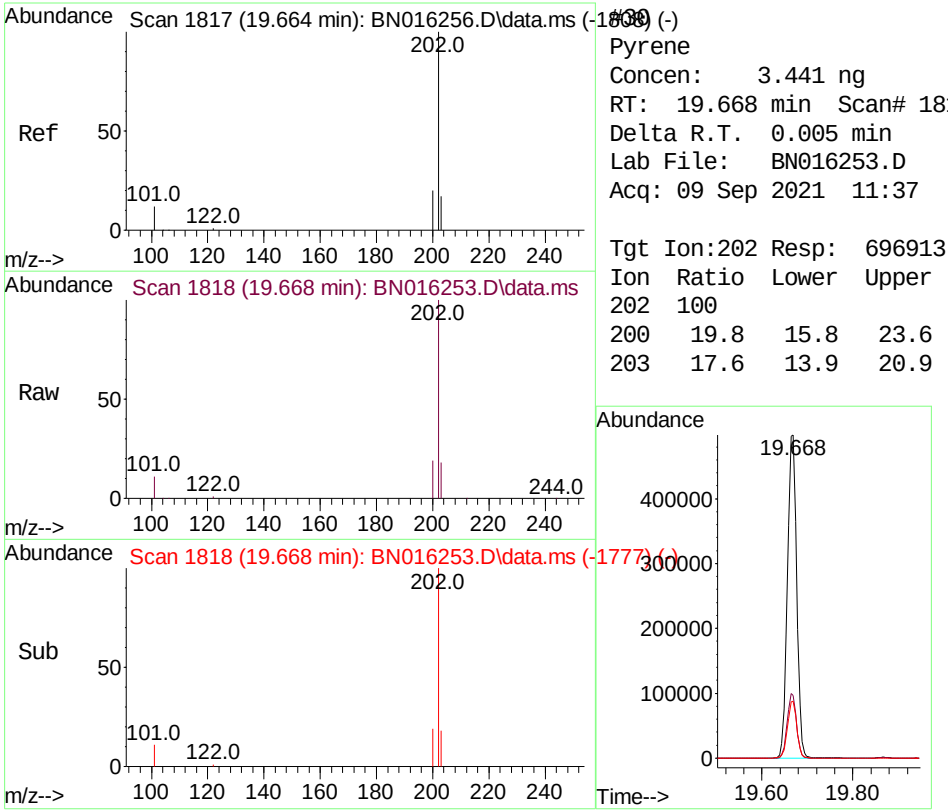
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:240 Resp: 62176

Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.3	7.9#
236	25.0	19.8	29.8

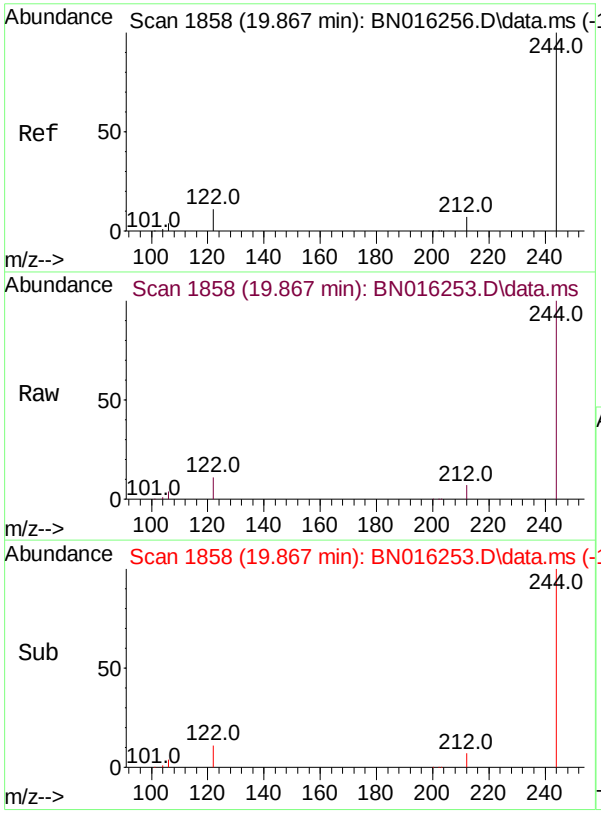


#30
Pyrene
Concen: 3.441 ng
RT: 19.668 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:202 Resp: 696913

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.6	13.9	20.9

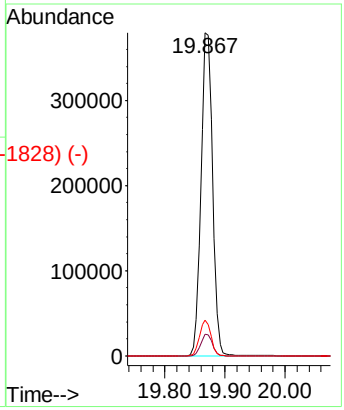
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

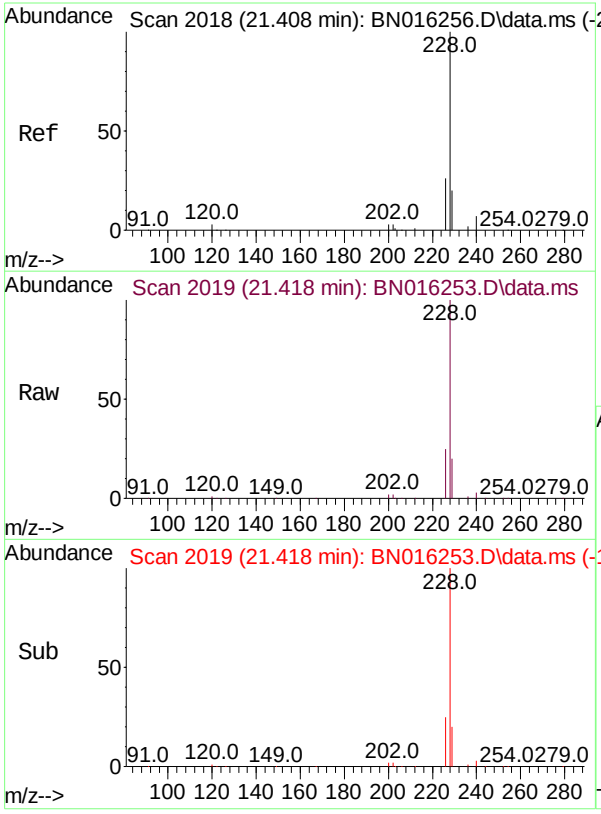


#31
Terphenyl-d14
Concen: 3.220 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:244 Resp: 505982

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.1	9.0	13.4

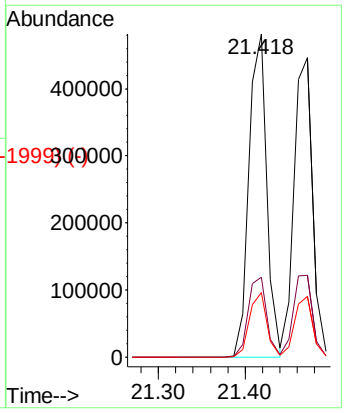




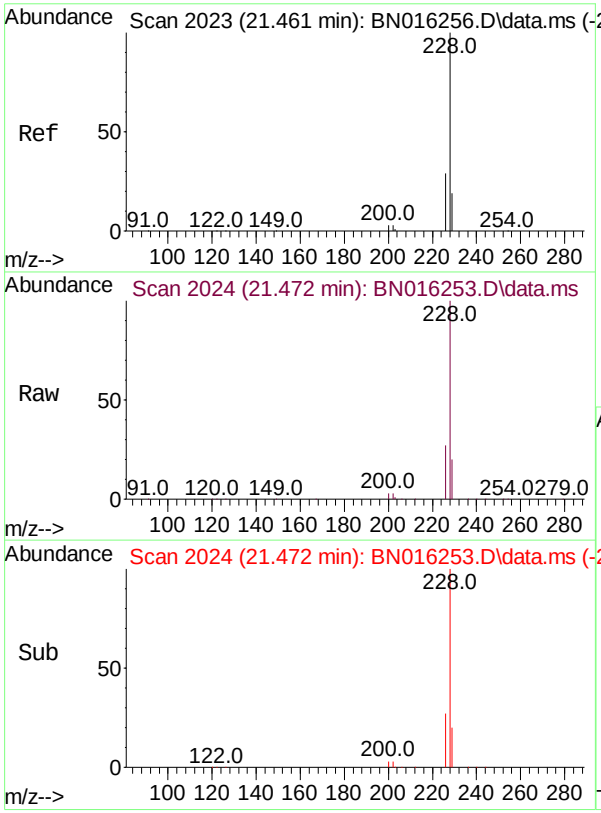
#32
Benzo(a)anthracene
Concen: 3.314 ng
RT: 21.418 min Scan# 2019
Delta R.T. 0.010 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:228 Resp: 691950

Ion	Ratio	Lower	Upper
228	100		
226	24.7	20.8	31.2
229	20.1	15.8	23.6



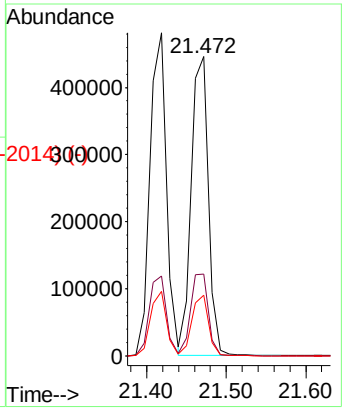
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

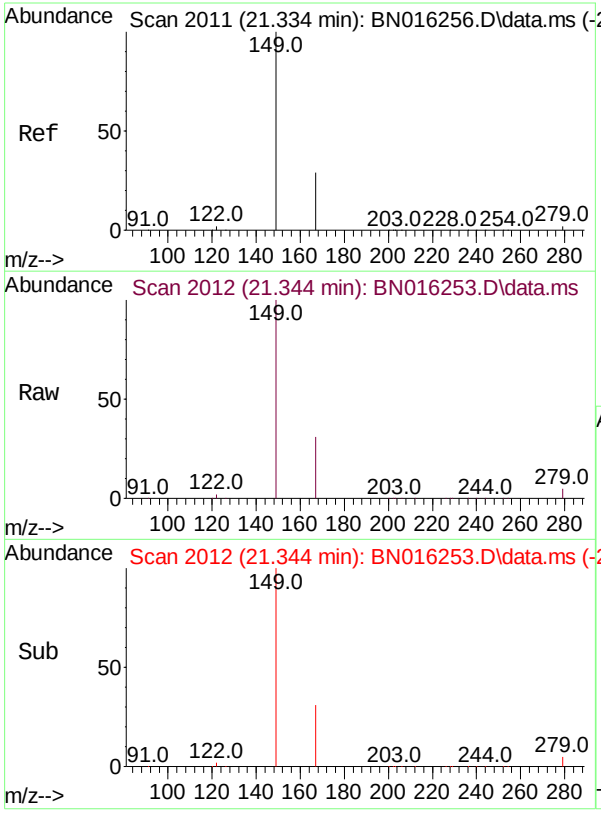


#30
Chrysene
Concen: 3.284 ng
RT: 21.472 min Scan# 2024
Delta R.T. 0.010 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:228 Resp: 666378

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.2	15.6	23.4

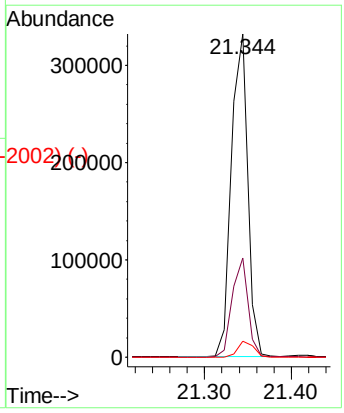




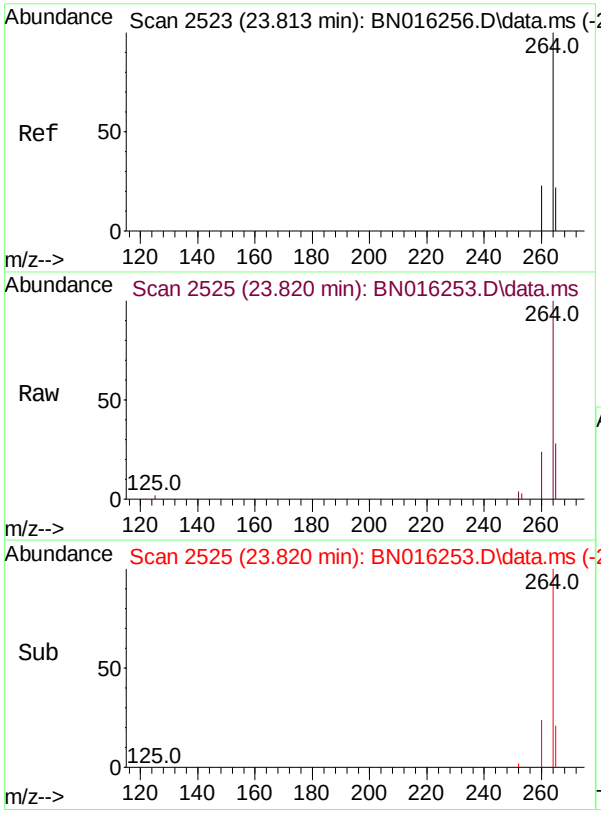
#34
Bis(2-ethylhexyl)phthalate
Concen: 3.077 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.010 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:149 Resp: 432571

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.0
279	4.8	3.9	5.9



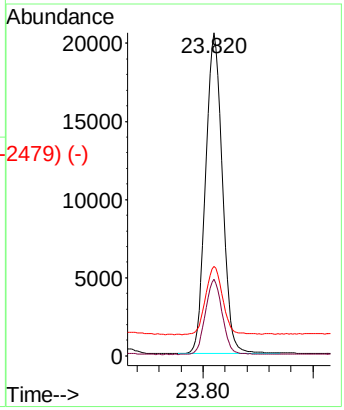
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

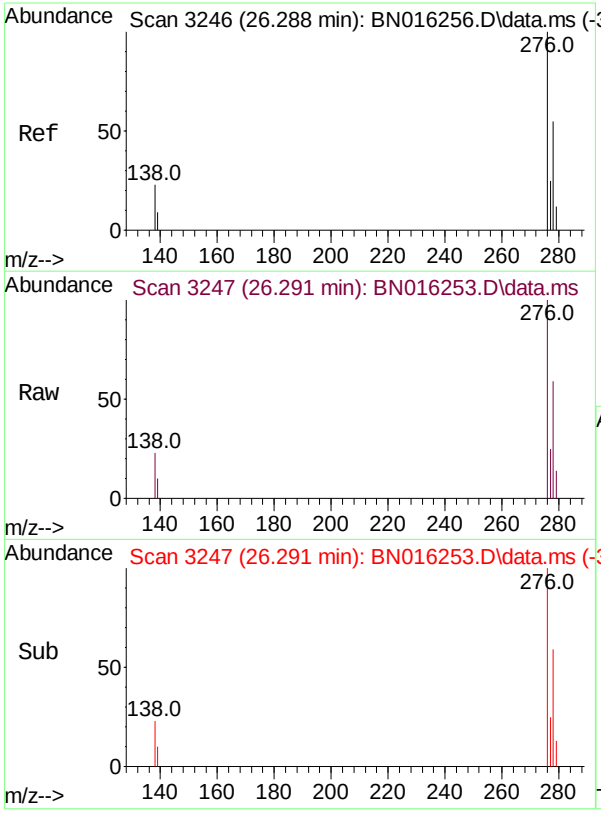


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.820 min Scan# 2525
Delta R.T. 0.007 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:264 Resp: 43127

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	27.7	23.7	35.5

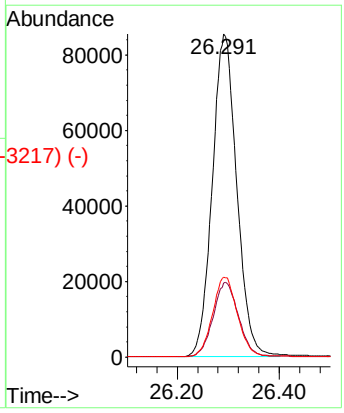




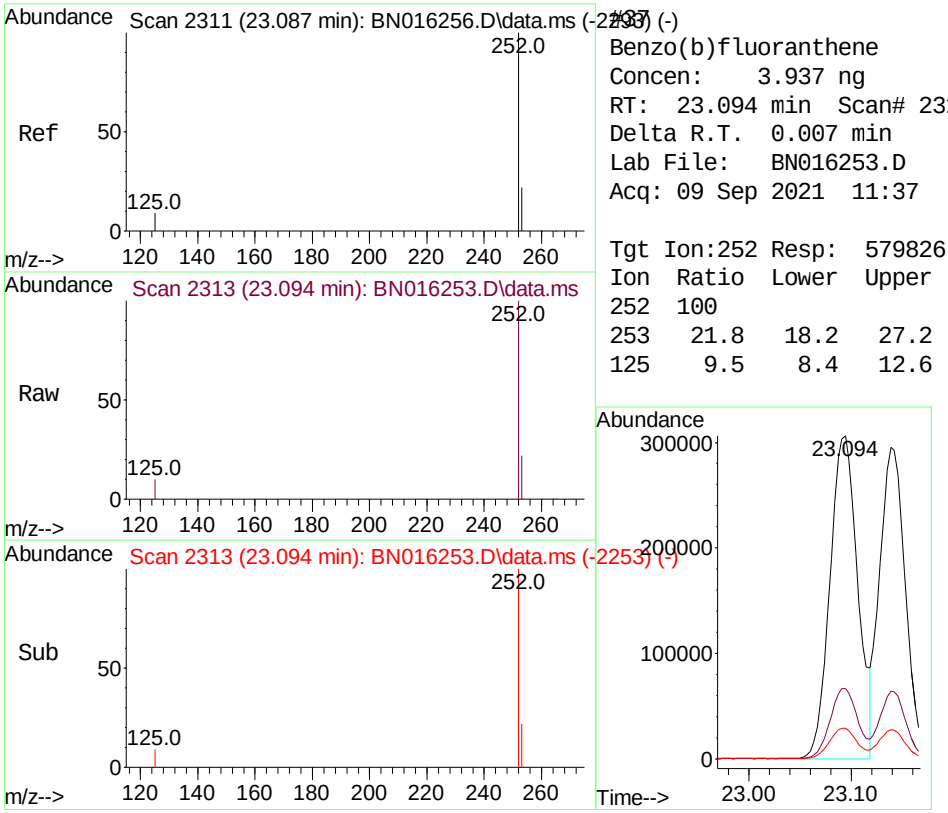
#36
Indeno(1,2,3-cd)pyrene
Concen: 2.363 ng
RT: 26.291 min Scan# 3247
Delta R.T. 0.003 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:276 Resp: 283447

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.1	20.2	30.2



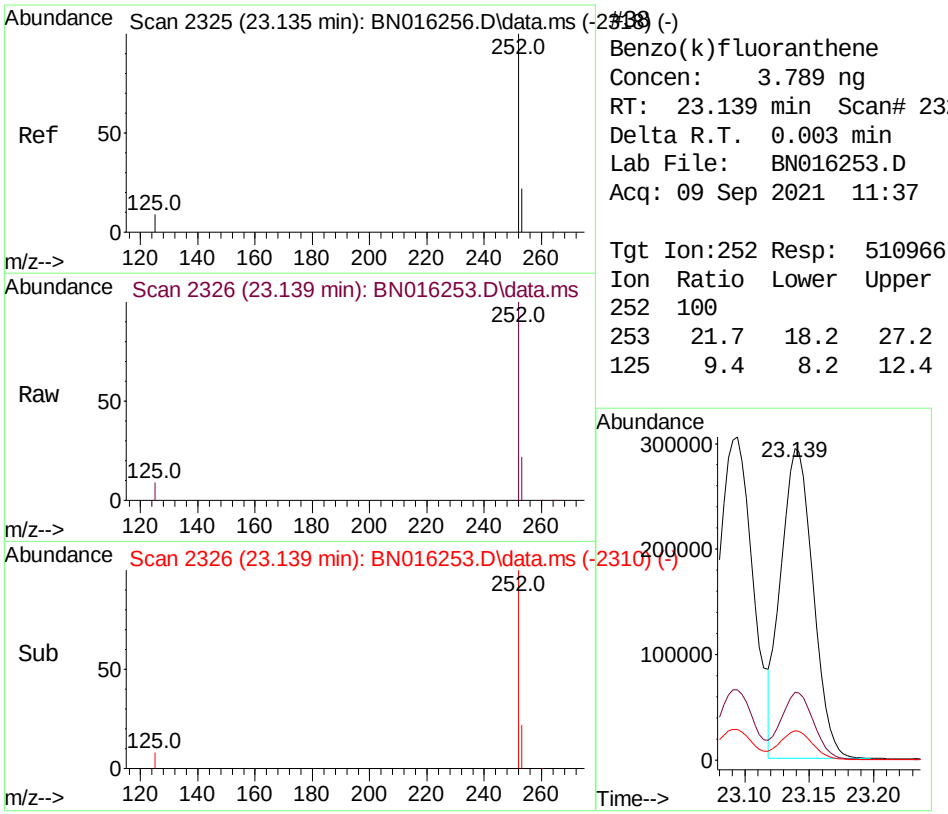
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#37
Benzo(b)fluoranthene
Concen: 3.937 ng
RT: 23.094 min Scan# 2313
Delta R.T. 0.007 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:252 Resp: 579826

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.5	8.4	12.6

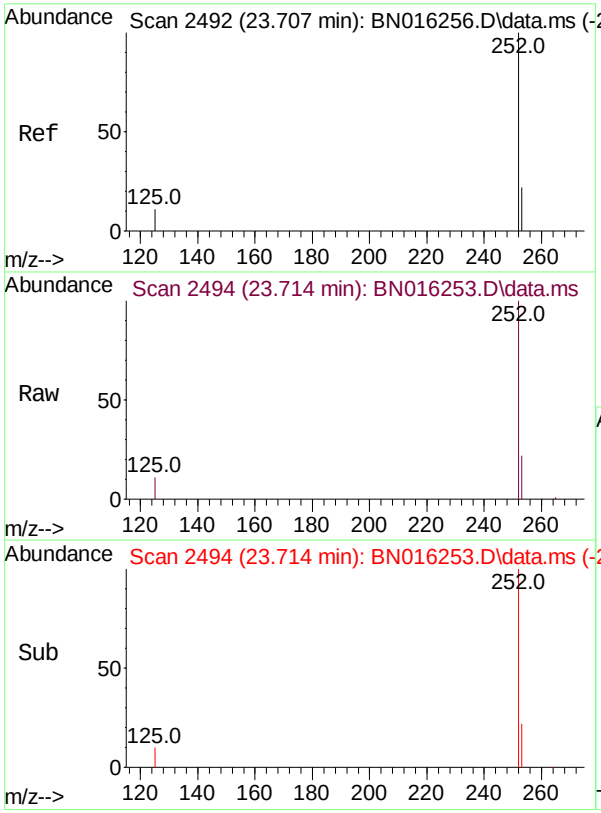


#38
Benzo(k)fluoranthene
Concen: 3.789 ng
RT: 23.139 min Scan# 2326
Delta R.T. 0.003 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:252 Resp: 510966

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	9.4	8.2	12.4

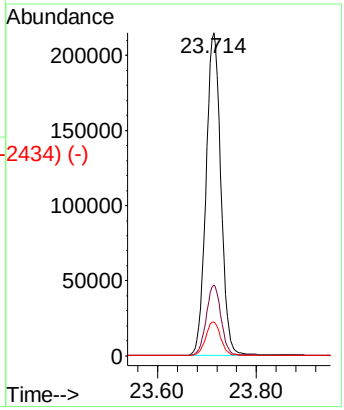
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

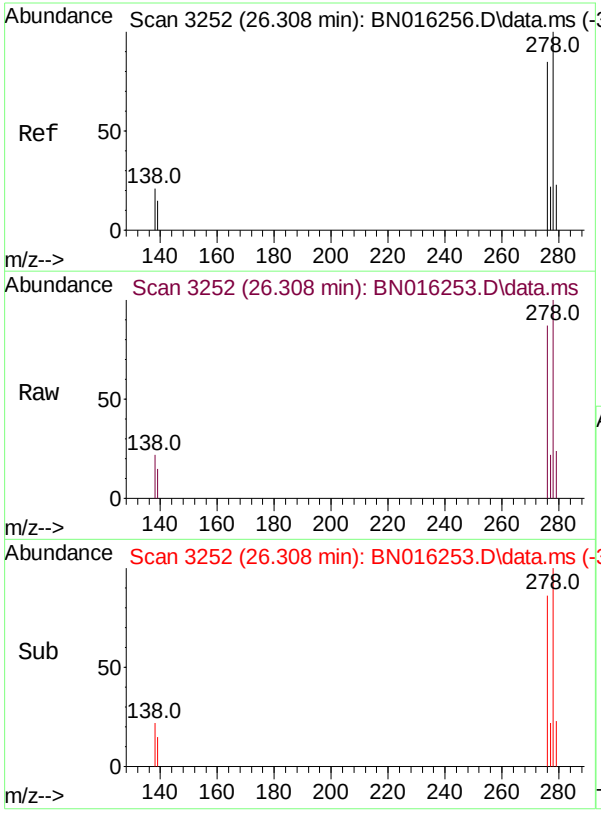


#39
Benzo(a)pyrene
Concen: 3.415 ng
RT: 23.714 min Scan# 2494
Delta R.T. 0.007 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:252 Resp: 446357

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	10.6	9.9	14.9

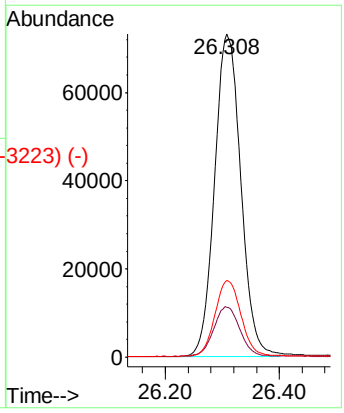


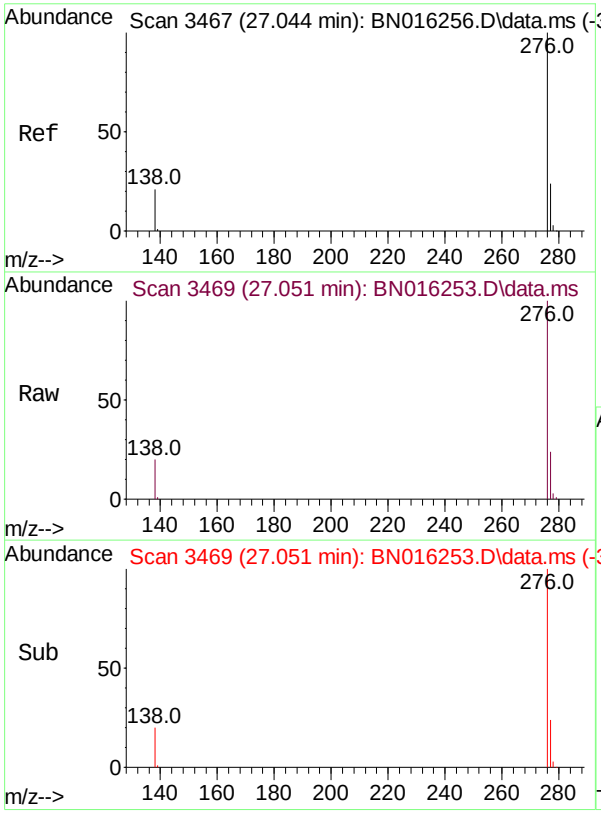


#40
Dibenzo(a,h)anthracene
Concen: 2.319 ng
RT: 26.308 min Scan# 3252
Delta R.T. -0.000 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:278 Resp: 232217

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.2	21.2
279	23.7	21.3	31.9

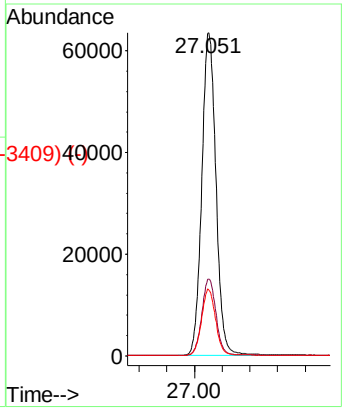




#42
Benzo(g,h,i)perylene
Concen: 2.225 ng
RT: 27.051 min Scan# 3469
Delta R.T. 0.007 min
Lab File: BN016253.D
Acq: 09 Sep 2021 11:37

Tgt Ion:276 Resp: 224202

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.5	30.7
138	20.3	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2