Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014457.D
Acq On : 27 Apr 2021 15:15
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 27 18:53:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 18:52:25 2021
Response via : Initial Calibration

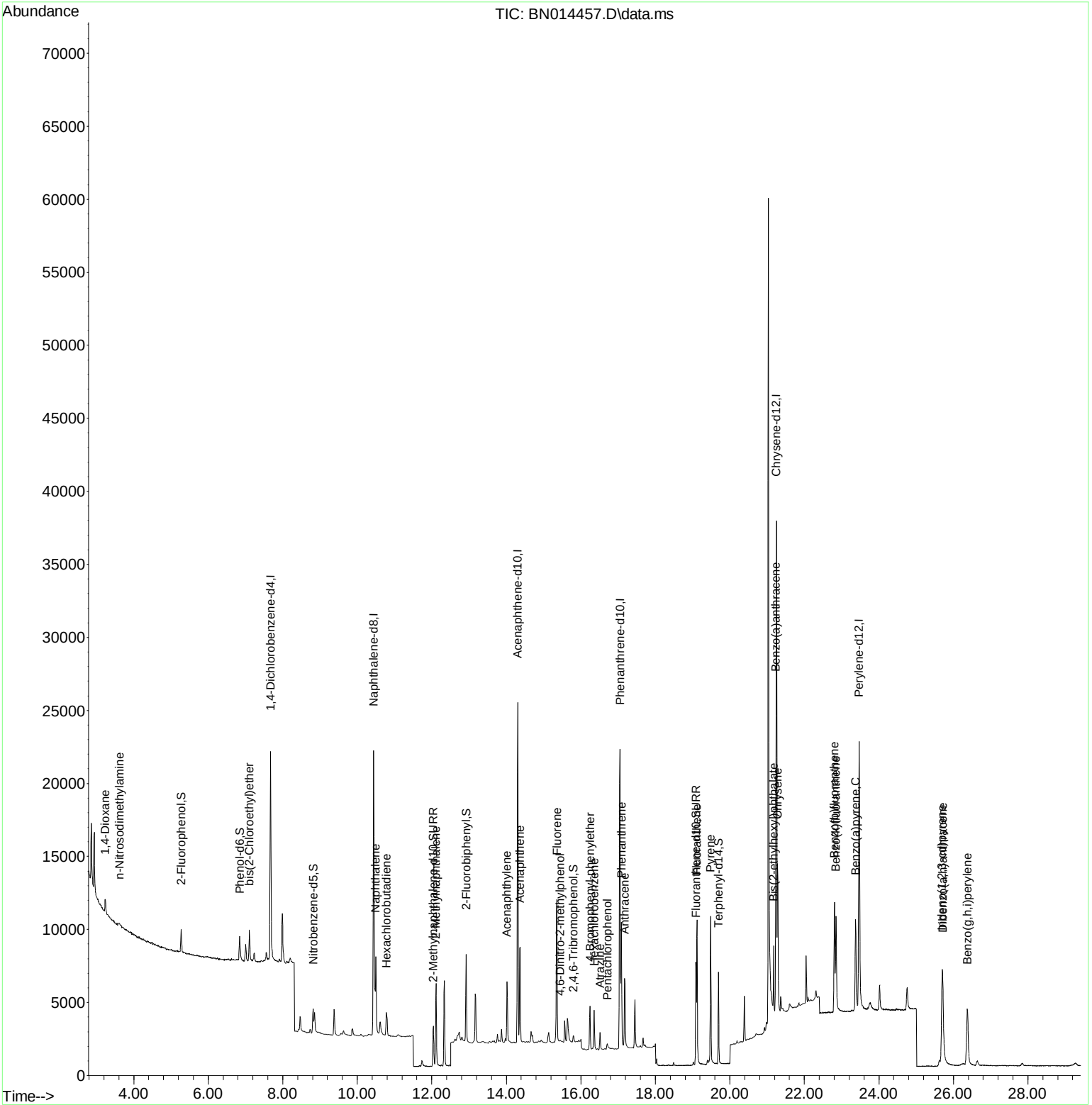
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.676	152	7364	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	27268	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	14540	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	31515	0.40	ng		0.00
29) Chrysene-d12	21.250	240	30599	0.40	ng		0.00
35) Perylene-d12	23.469	264	26505	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	1482	0.10	ng		0.00
5) Phenol-d6	6.847	99	1705	0.09	ng		0.00
8) Nitrobenzene-d5	8.819	82	1701	0.07	ng		0.00
11) 2-Methylnaphthalene-d10	12.040	152	4058	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	411	0.09	ng		0.01
15) 2-Fluorobiphenyl	12.925	172	5385	0.09	ng		0.00
27) Fluoranthene-d10	19.089	212	8387	0.10	ng		0.00
31) Terphenyl-d14	19.695	244	6291	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1030	0.11	ng	#	84
3) n-Nitrosodimethylamine	3.617	42	180	0.04	ng	#	23
6) bis(2-Chloroethyl)ether	7.104	93	1831	0.10	ng		99
9) Naphthalene	10.492	128	6773	0.10	ng		97
10) Hexachlorobutadiene	10.784	225	1318	0.09	ng	#	99
12) 2-Methylnaphthalene	12.115	142	4353	0.10	ng		97
16) Acenaphthylene	14.016	152	5090	0.08	ng		99
17) Acenaphthene	14.372	154	3866	0.09	ng		99
18) Fluorene	15.361	166	4960	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	185	0.05	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	1581	0.09	ng		96
22) Hexachlorobenzene	16.362	284	2019	0.08	ng		97
23) Atrazine	16.520	200	1002	0.10	ng	#	94
24) Pentachlorophenol	16.715	266	308	0.07	ng		98
25) Phenanthrene	17.092	178	8847	0.10	ng		99
26) Anthracene	17.177	178	6266	0.09	ng		99
28) Fluoranthene	19.119	202	9510	0.10	ng		100
30) Pyrene	19.481	202	9890	0.11	ng		100
32) Benzo(a)anthracene	21.239	228	7991	0.10	ng		99
33) Chrysene	21.282	228	9279	0.10	ng		99
34) Bis(2-ethylhexyl)phtha...	21.176	149	4331	0.15	ng		99
36) Indeno(1,2,3-cd)pyrene	25.697	276	8959	0.08	ng		98
37) Benzo(b)fluoranthene	22.808	252	9015	0.09	ng	#	76
38) Benzo(k)fluoranthene	22.849	252	9215	0.09	ng	#	82
39) Benzo(a)pyrene	23.376	252	8051	0.10	ng	#	58
40) Dibenzo(a,h)anthracene	25.714	278	7393	0.08	ng	#	89
41) Benzo(g,h,i)perylene	26.375	276	8632	0.09	ng		94

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

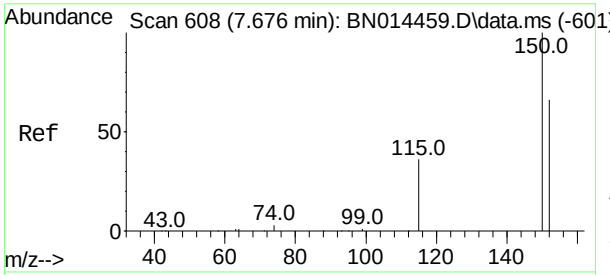
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014457.D
Acq On : 27 Apr 2021 15:15
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 27 18:53:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 18:52:25 2021
Response via : Initial Calibration



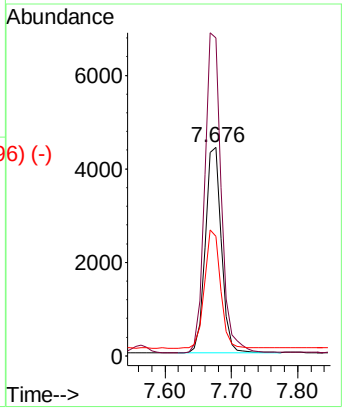
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

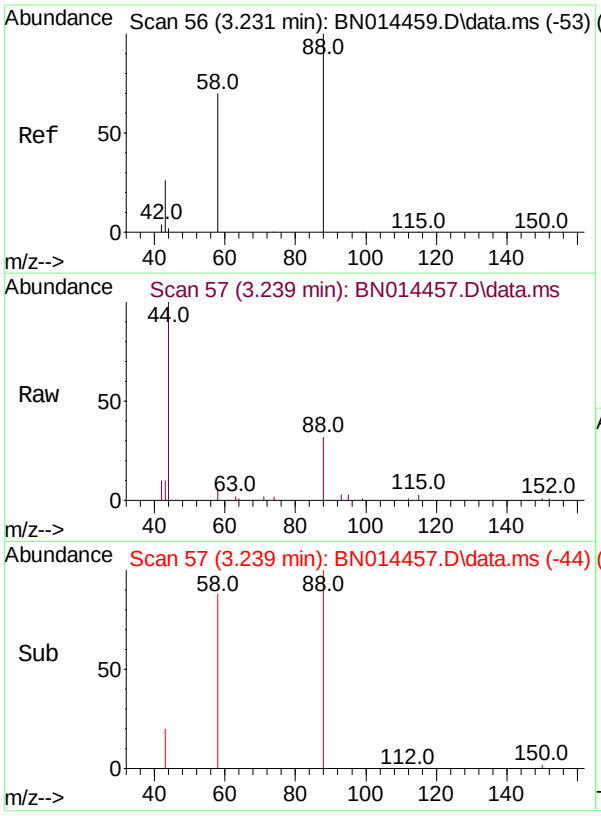


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.676 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:152 Resp: 7364

Ion	Ratio	Lower	Upper
152	100		
150	152.3	121.2	181.8
115	57.4	46.0	69.0

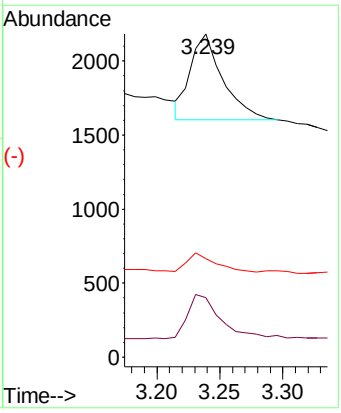




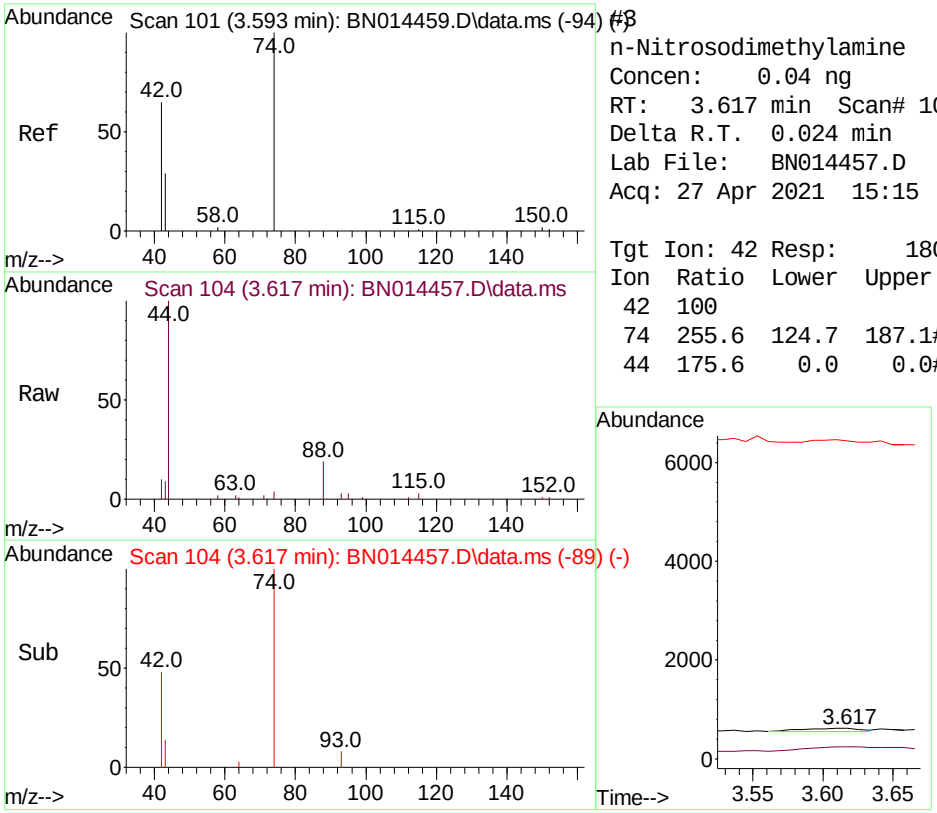
#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.239 min Scan# 57
Delta R.T. 0.008 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 88 Resp: 1030

Ion	Ratio	Lower	Upper
88	100		
58	52.0	53.1	79.7#
43	19.2	20.3	30.5#



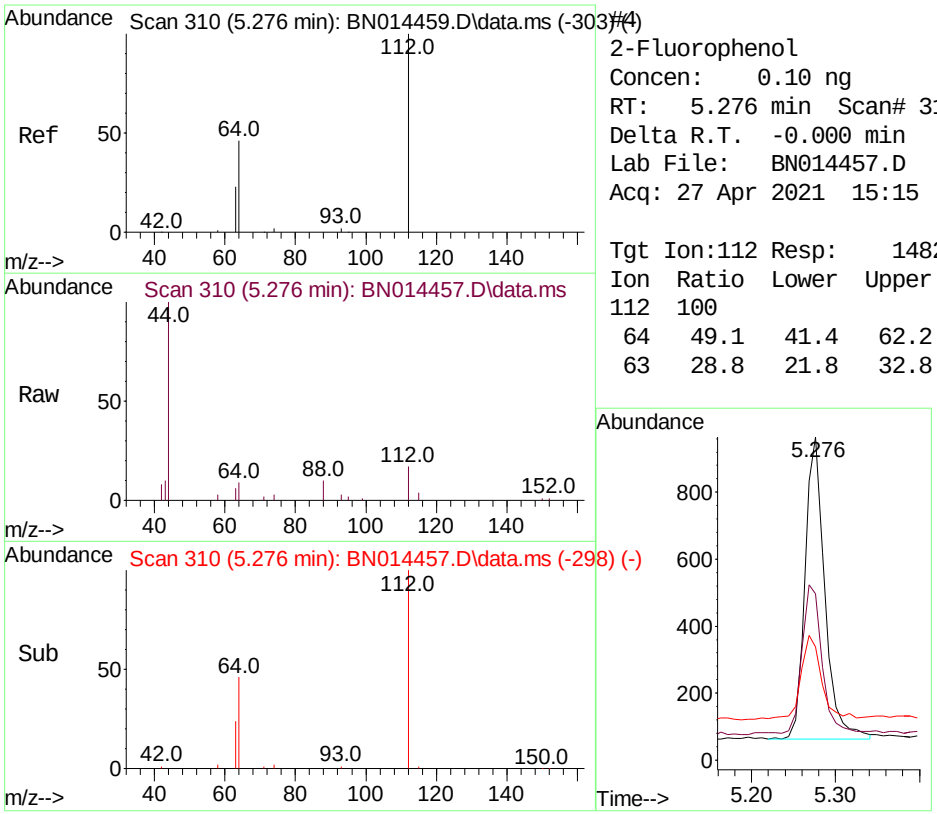
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.617 min Scan# 104
Delta R.T. 0.024 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 42 Resp: 180

Ion	Ratio	Lower	Upper
42	100		
74	255.6	124.7	187.1#
44	175.6	0.0	0.0#

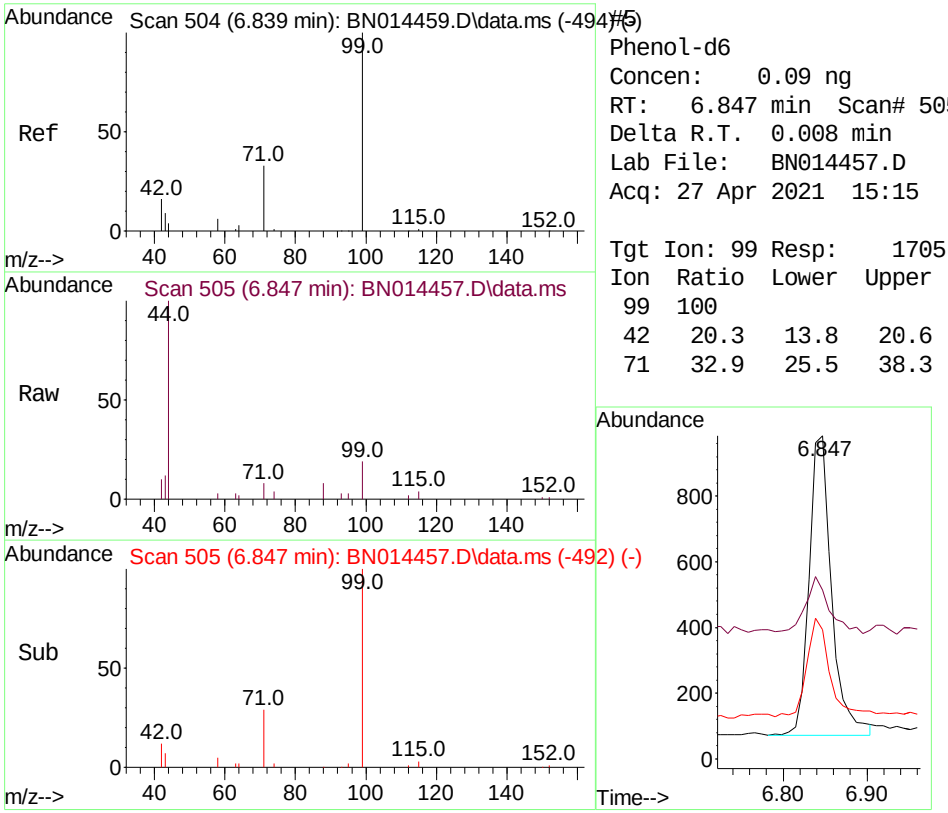


2-Fluorophenol
Concen: 0.10 ng
RT: 5.276 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:112 Resp: 1482

Ion	Ratio	Lower	Upper
112	100		
64	49.1	41.4	62.2
63	28.8	21.8	32.8

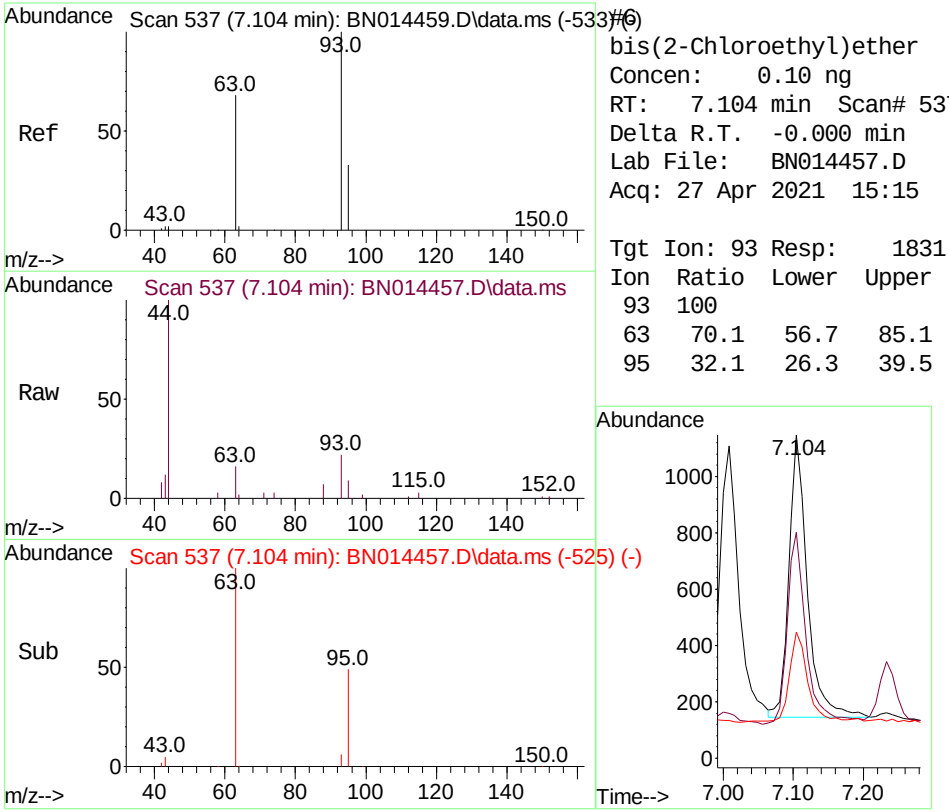
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.847 min Scan# 505
Delta R.T. 0.008 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 99 Resp: 1705

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.8	20.6
71	32.9	25.5	38.3

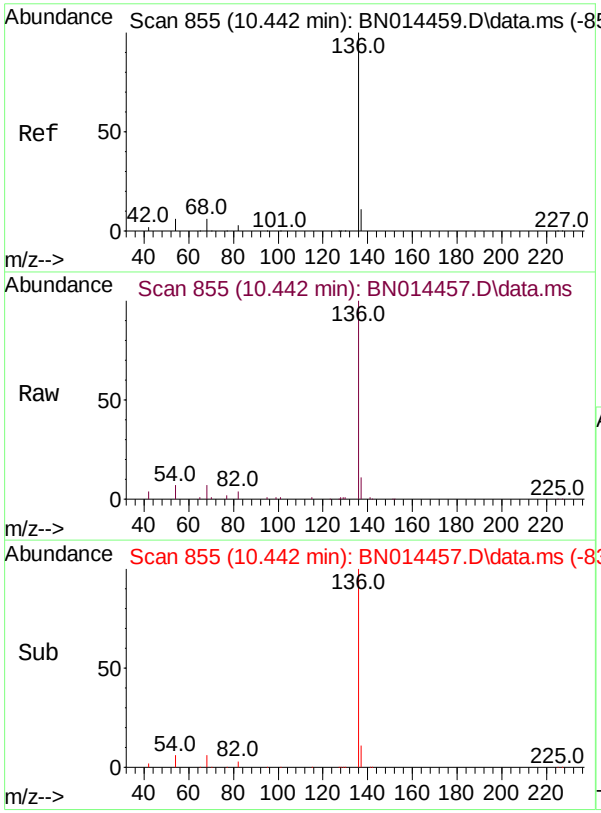


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.104 min Scan# 537
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 93 Resp: 1831

Ion	Ratio	Lower	Upper
93	100		
63	70.1	56.7	85.1
95	32.1	26.3	39.5

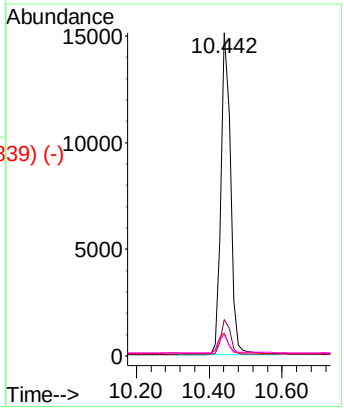
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

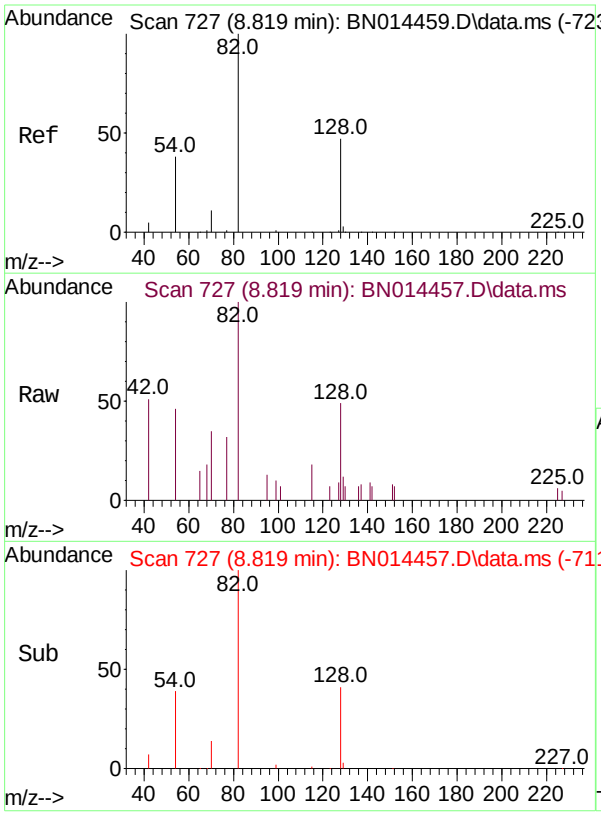


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.442 min Scan# 855
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:136 Resp: 27268

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.0	5.7	8.5
68	6.7	5.2	7.8

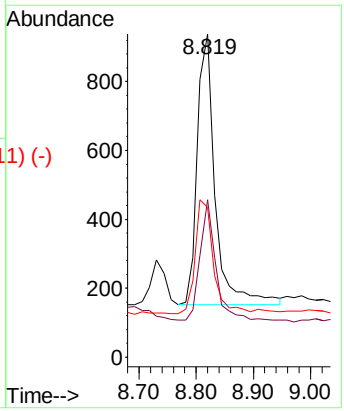




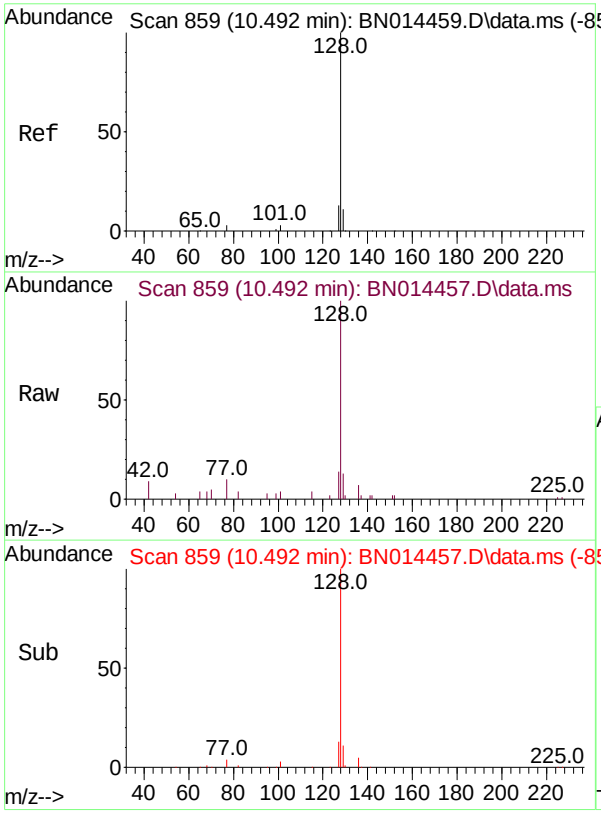
#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.819 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion: 82 Resp: 1701

Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.5	57.7
54	46.3	32.1	48.1



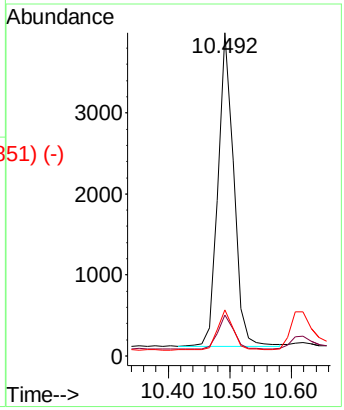
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

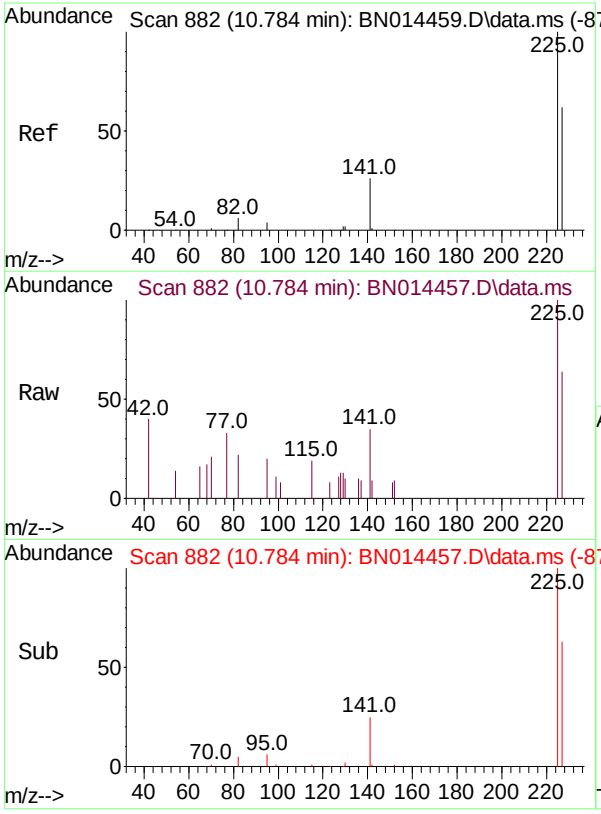


#9
Naphthalene
Concen: 0.10 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:128 Resp: 6773

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.4
127	14.2	10.5	15.7

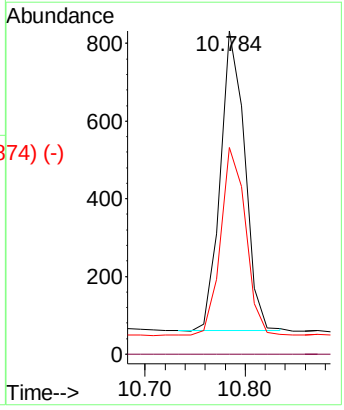




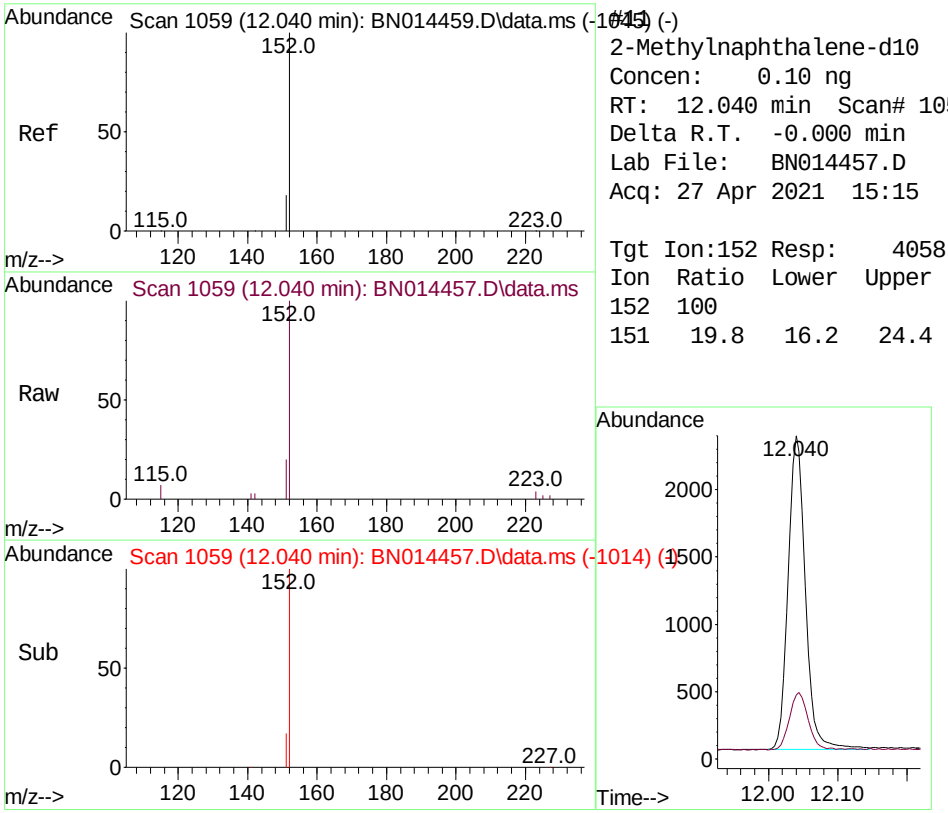
#10
Hexachlorobutadiene
Concen: 0.09 ng
RT: 10.784 min Scan# 882
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:225 Resp: 1318

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.5	77.3



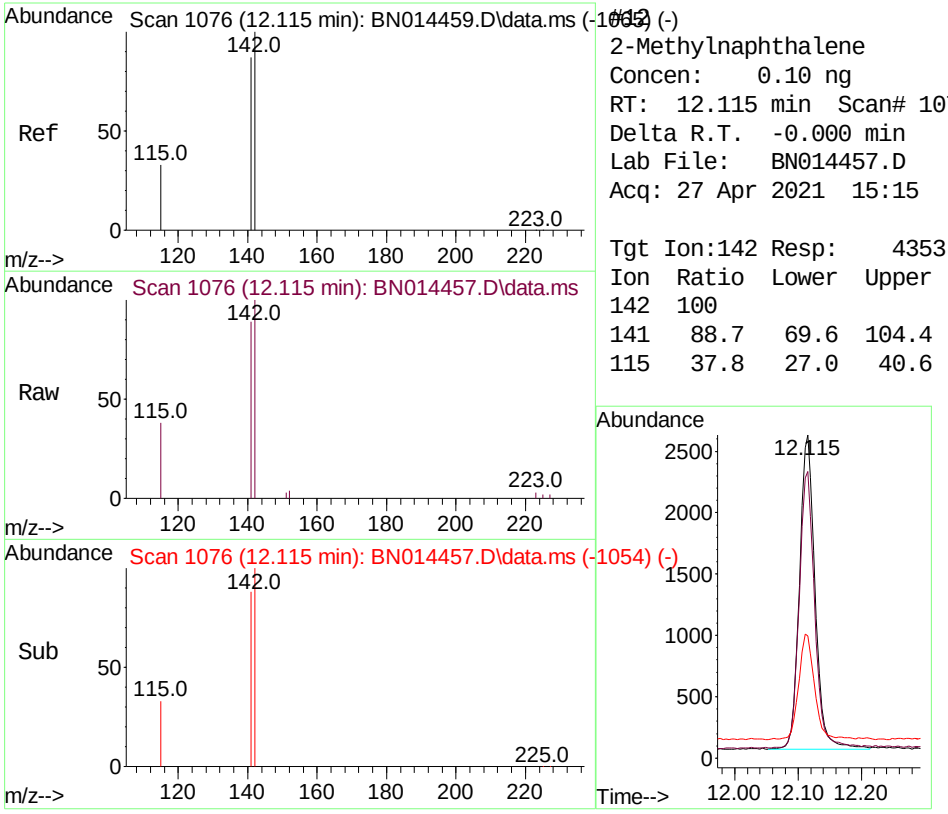
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#41
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.040 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:152 Resp: 4058

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

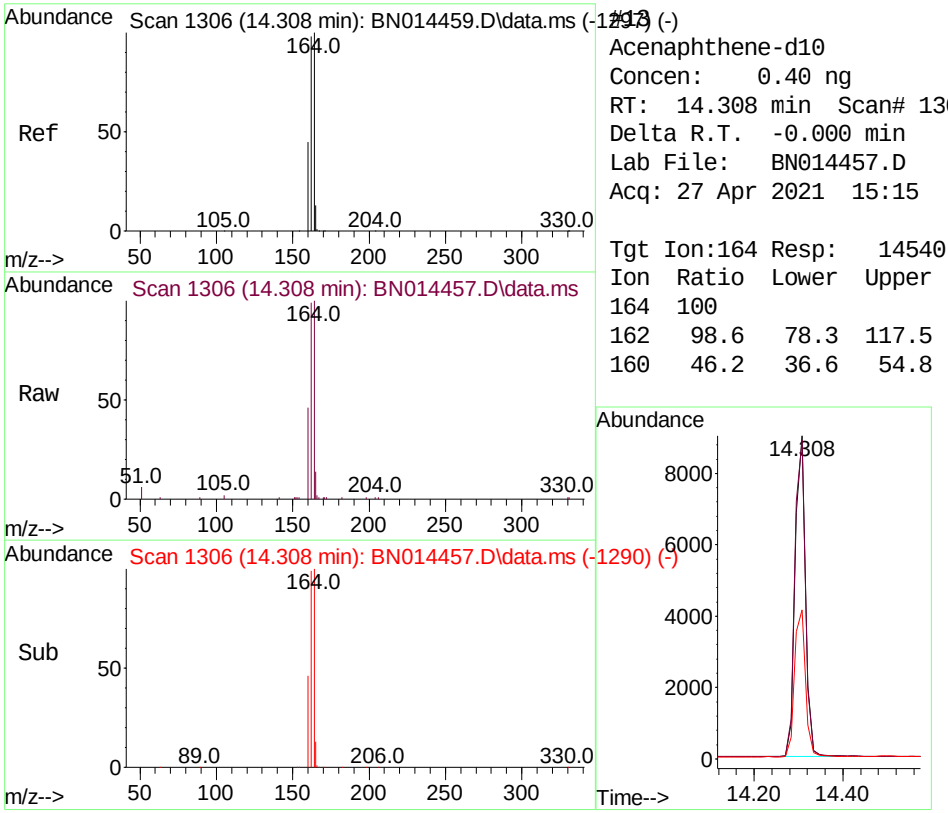


#42
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:142 Resp: 4353

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.6	104.4
115	37.8	27.0	40.6

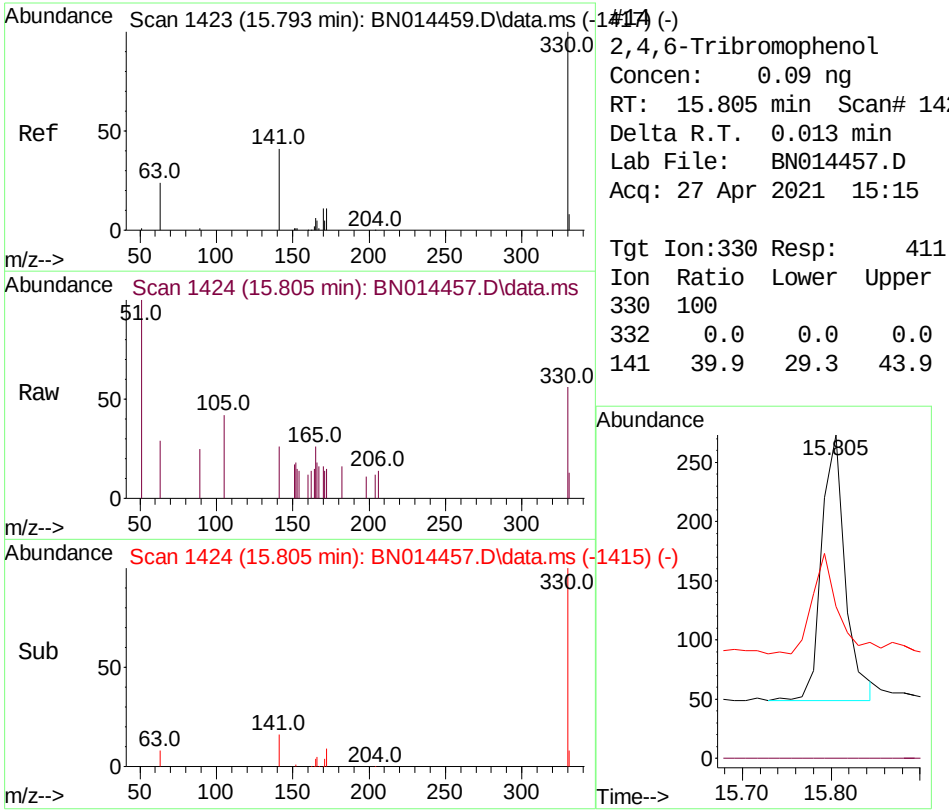
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.308 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:164 Resp: 14540

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.3	117.5
160	46.2	36.6	54.8

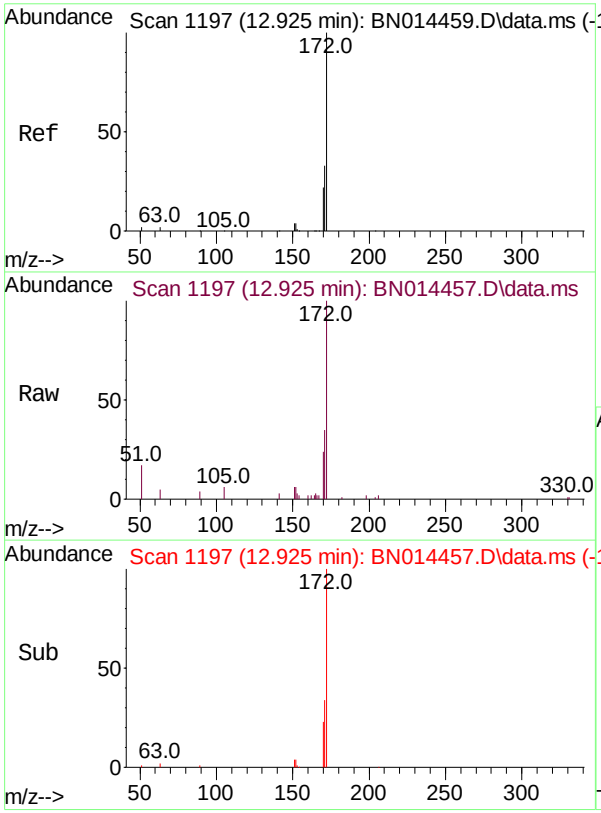


#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.805 min Scan# 1424
Delta R.T. 0.013 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:330 Resp: 411

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.9	29.3	43.9

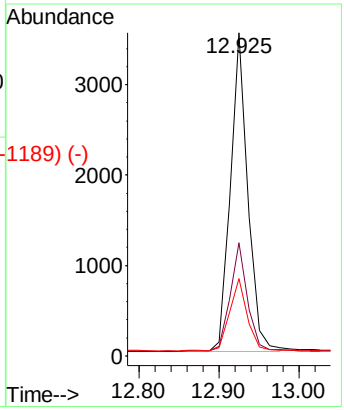
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

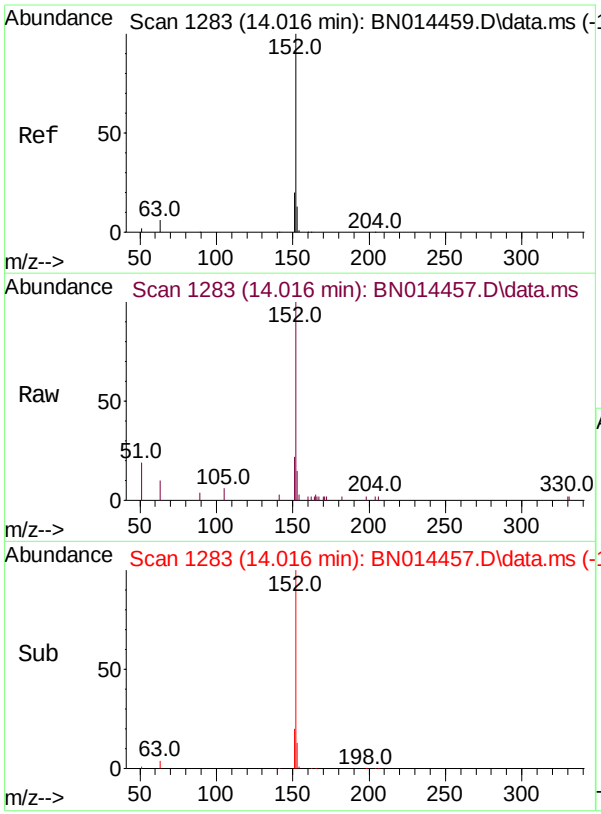


#12
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 12.925 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:172 Resp: 5385

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.0	40.4
170	23.9	18.2	27.4

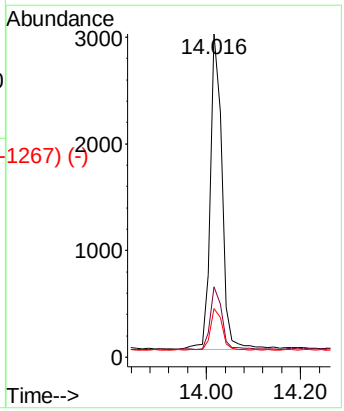




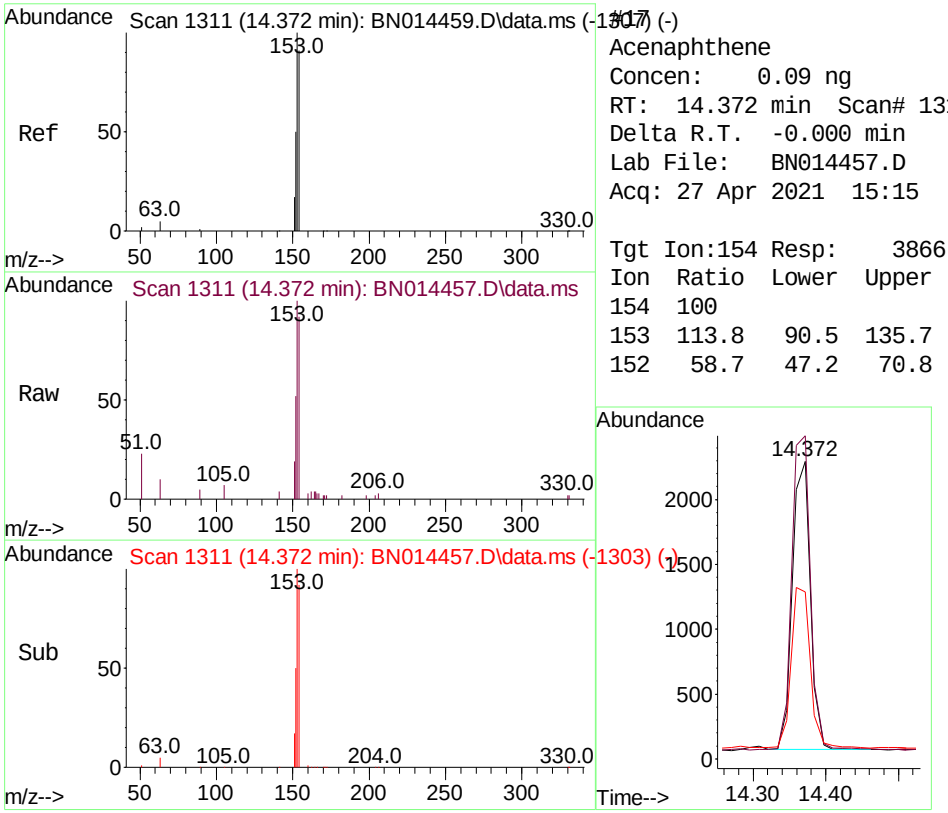
#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.016 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:152 Resp: 5090

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.5	10.4	15.6



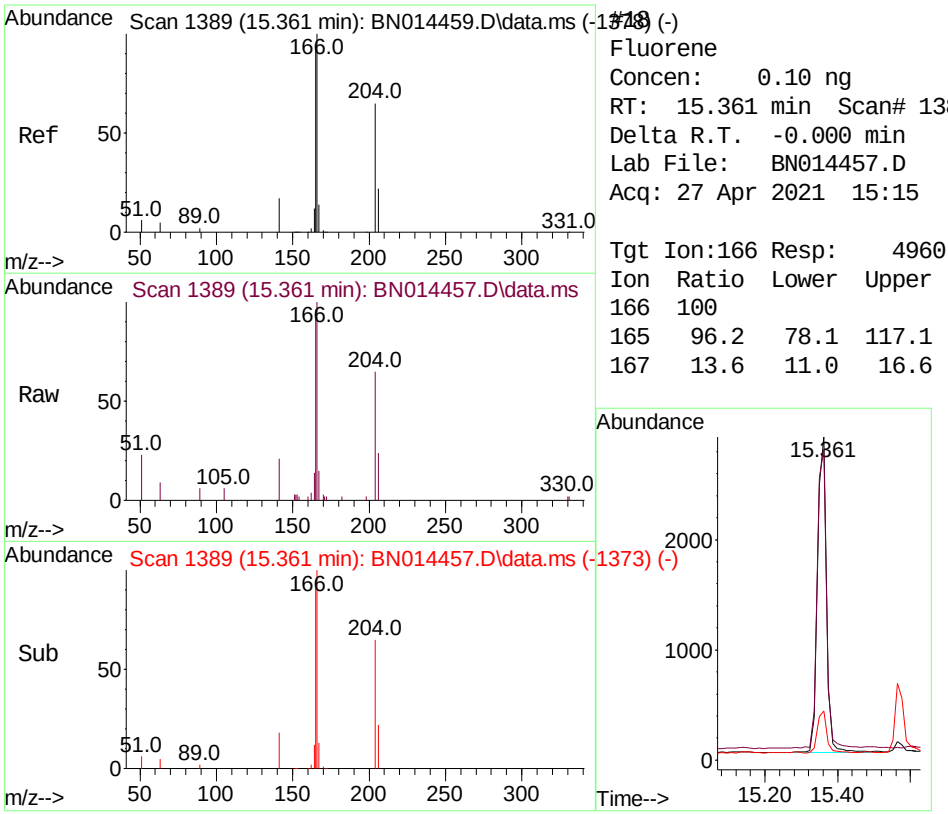
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#17
Acenaphthene
Concen: 0.09 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:154 Resp: 3866

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	58.7	47.2	70.8

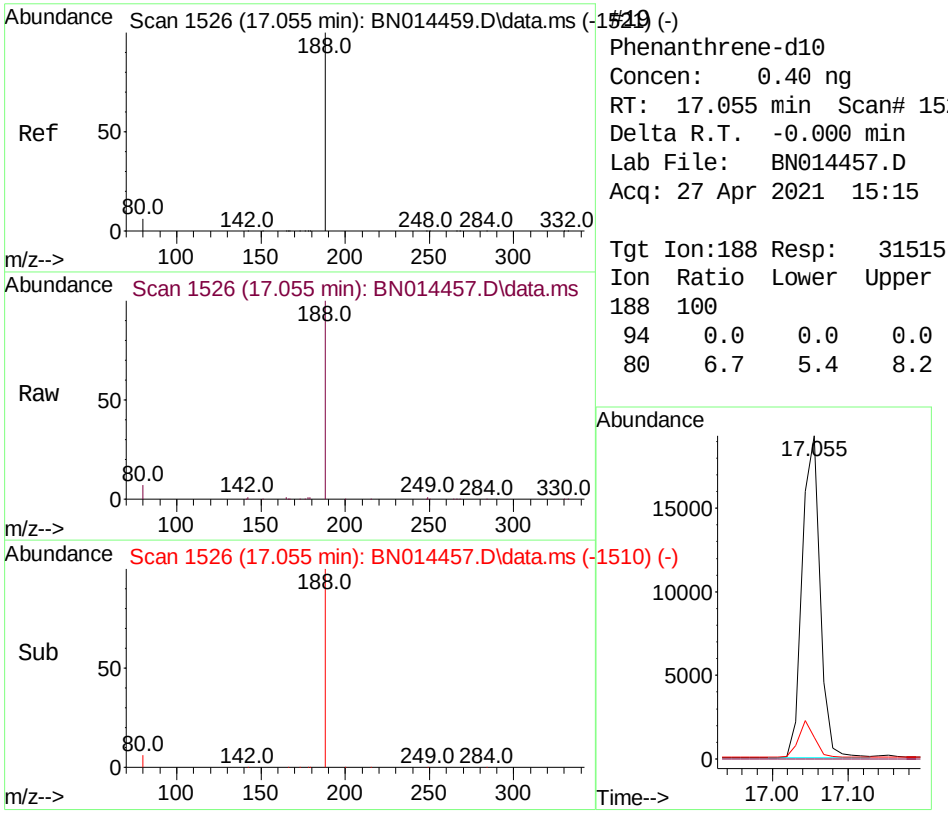


#18
Fluorene
Concen: 0.10 ng
RT: 15.361 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:166 Resp: 4960

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.1	117.1
167	13.6	11.0	16.6

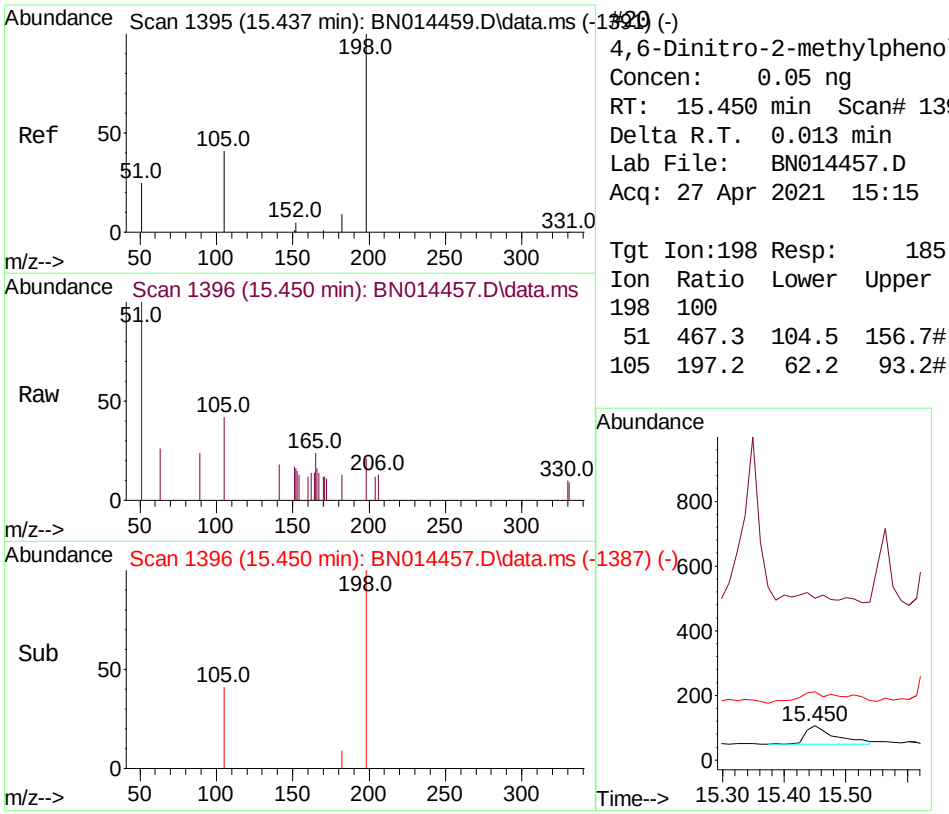
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:188 Resp: 31515

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.4	8.2

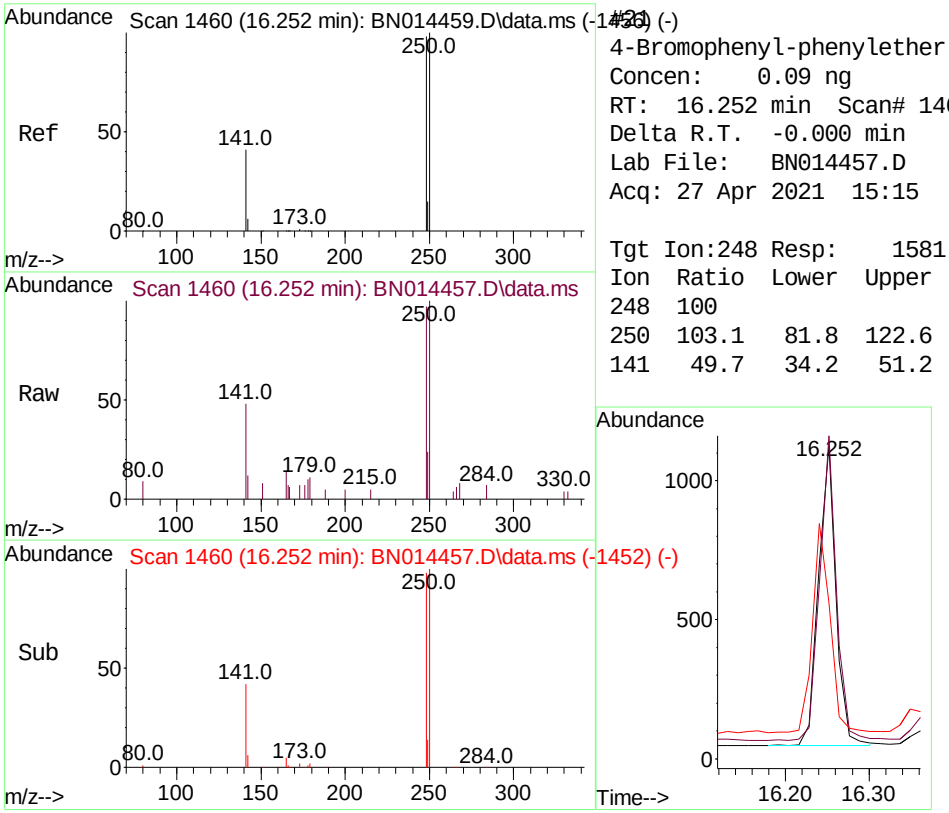


#20
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.450 min Scan# 1396
Delta R.T. 0.013 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:198 Resp: 185

Ion	Ratio	Lower	Upper
198	100		
51	467.3	104.5	156.7#
105	197.2	62.2	93.2#

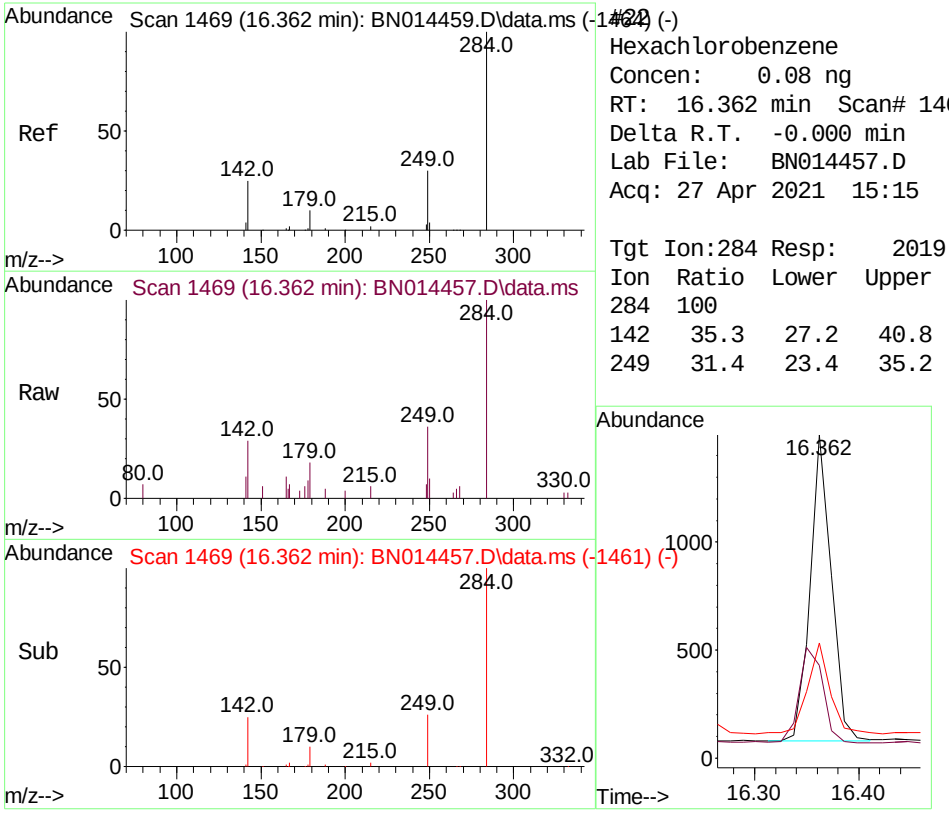
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#21
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.252 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:248 Resp: 1581

Ion	Ratio	Lower	Upper
248	100		
250	103.1	81.8	122.6
141	49.7	34.2	51.2

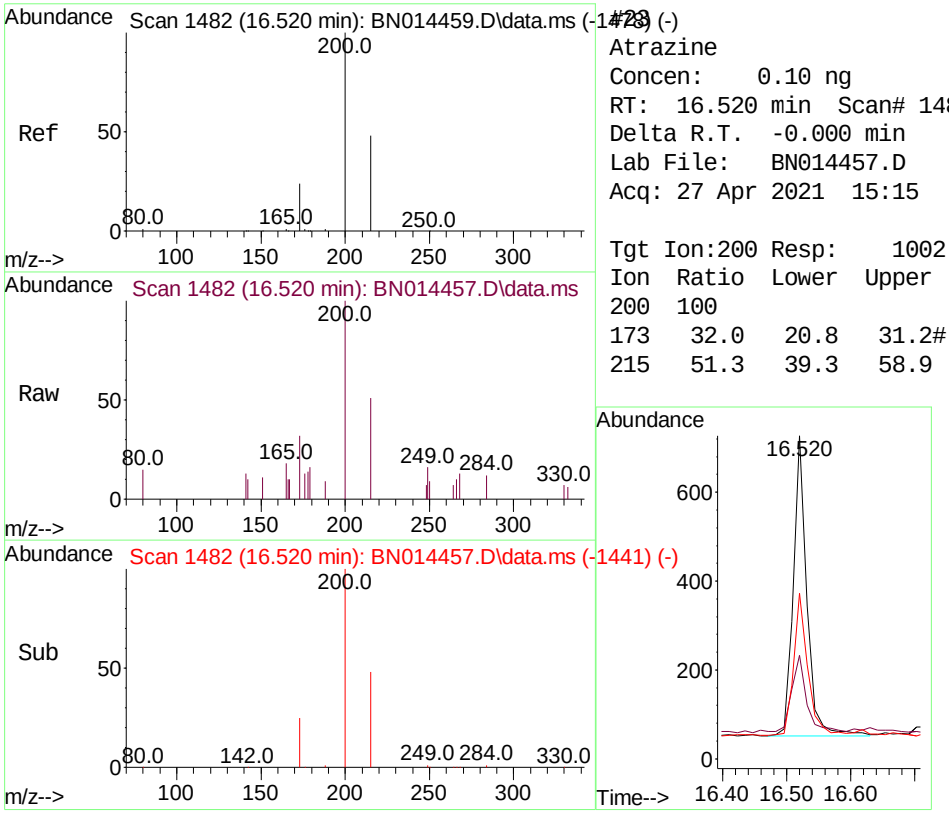


#22
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.362 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:284 Resp: 2019

Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.2	40.8
249	31.4	23.4	35.2

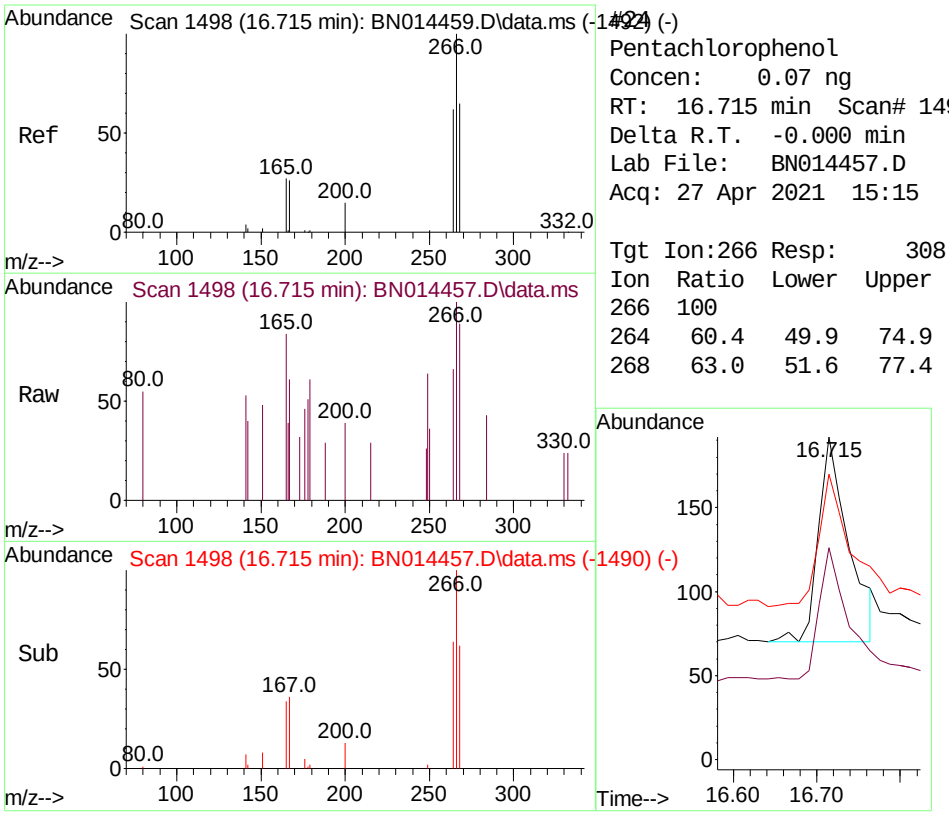
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#23
Atrazine
Concen: 0.10 ng
RT: 16.520 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:200 Resp: 1002

Ion	Ratio	Lower	Upper
200	100		
173	32.0	20.8	31.2#
215	51.3	39.3	58.9

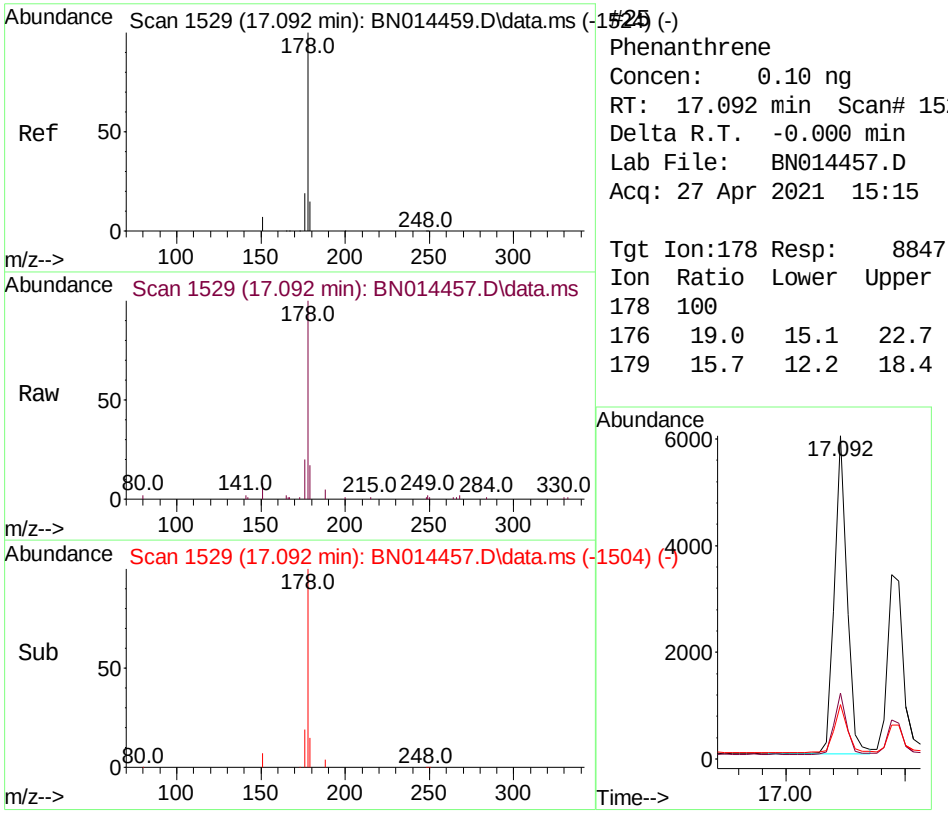


#24
Pentachlorophenol
Concen: 0.07 ng
RT: 16.715 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:266 Resp: 308

Ion	Ratio	Lower	Upper
266	100		
264	60.4	49.9	74.9
268	63.0	51.6	77.4

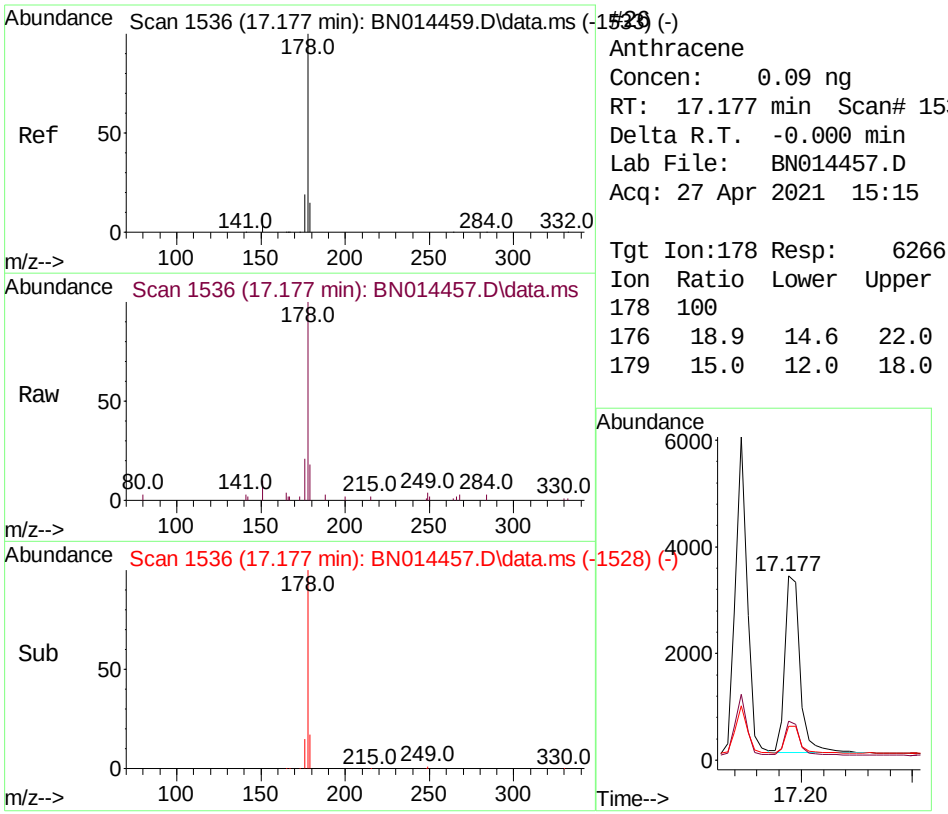
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#25
Phenanthrene
Concen: 0.10 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:178 Resp: 8847

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.7	12.2	18.4

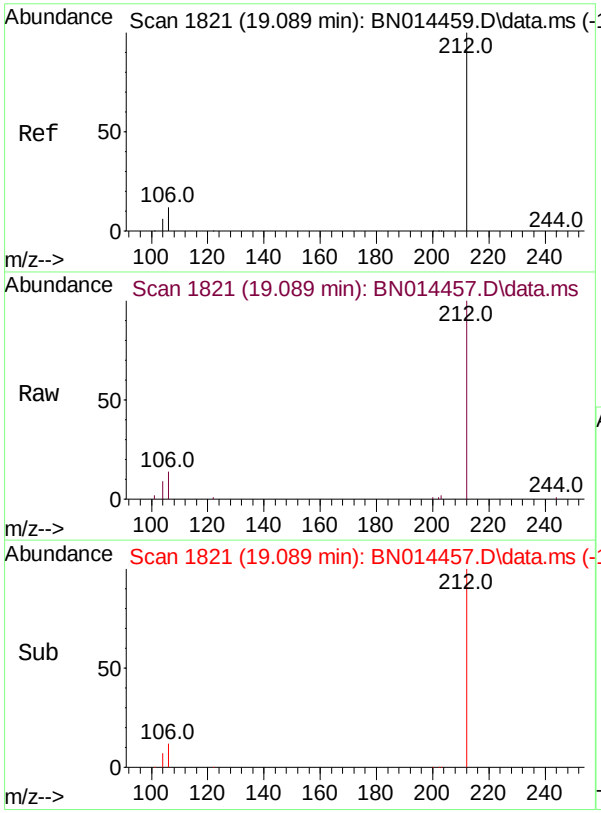


#26
Anthracene
Concen: 0.09 ng
RT: 17.177 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:178 Resp: 6266

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.0	12.0	18.0

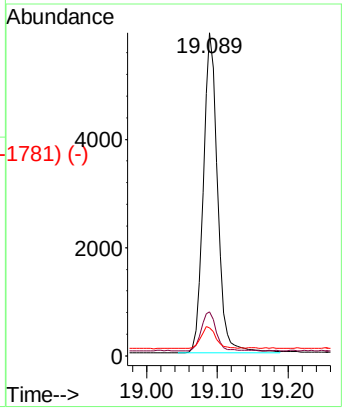
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

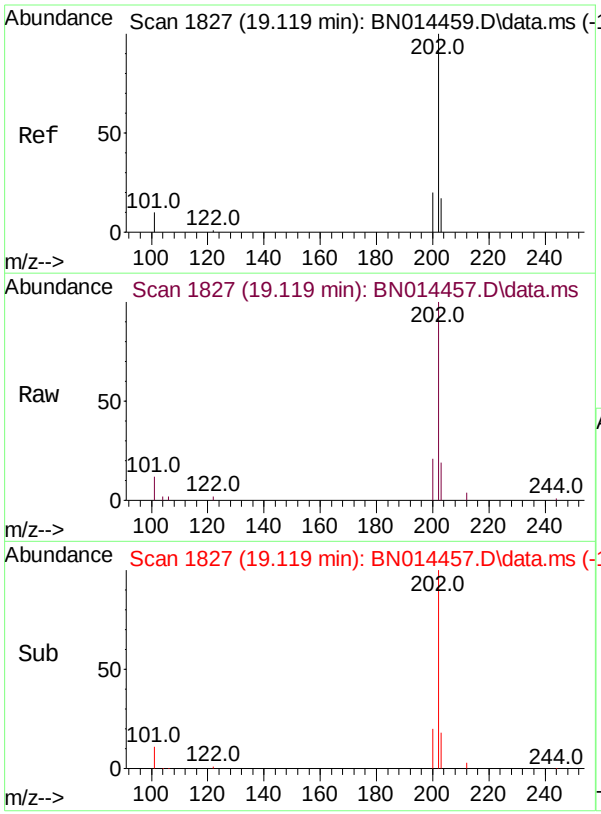


#27
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.089 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:212 Resp: 8387

Ion	Ratio	Lower	Upper
212	100		
106	12.7	10.2	15.4
104	7.0	5.6	8.4

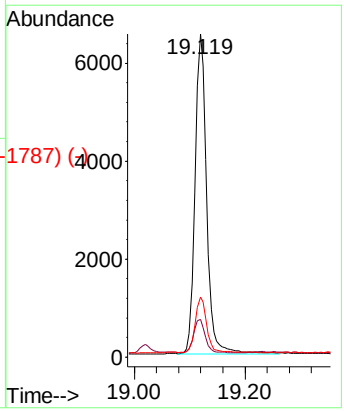




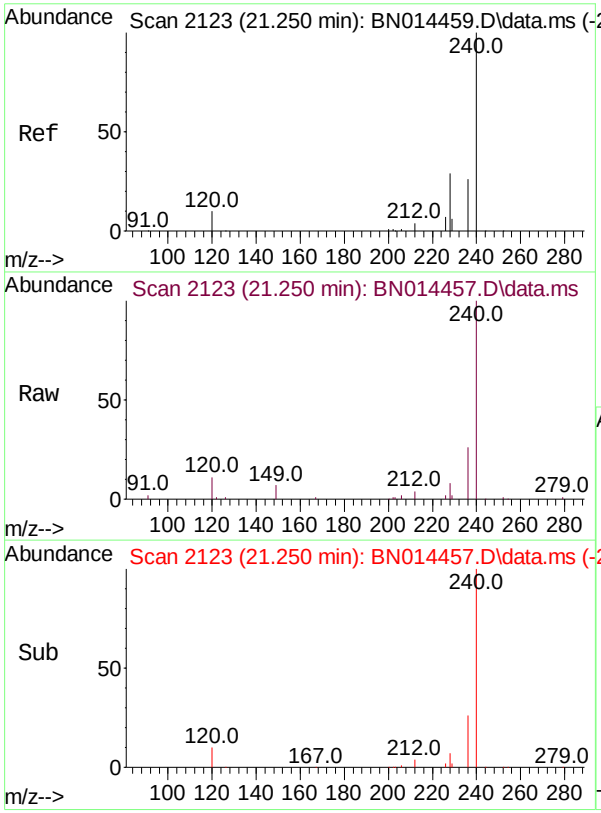
#28
Fluoranthene
Concen: 0.10 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:202 Resp: 9510

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.2	13.7	20.5



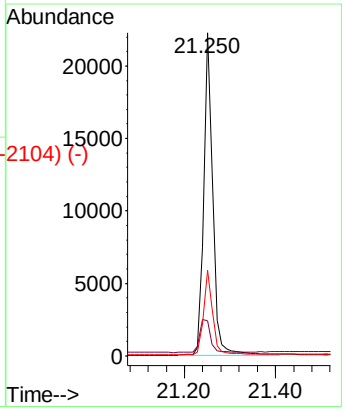
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

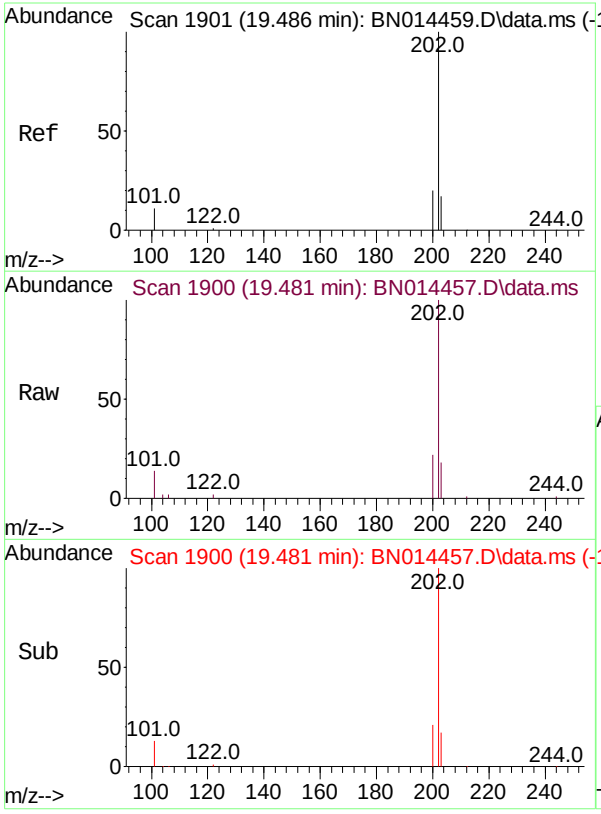


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:240 Resp: 30599

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	26.5	21.4	32.0

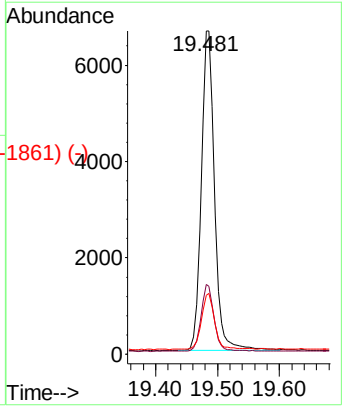




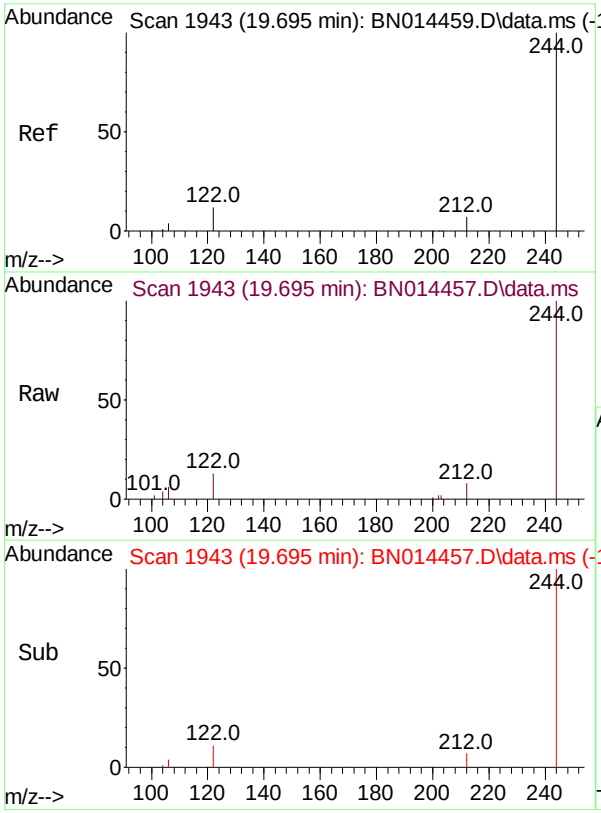
#30
Pyrene
Concen: 0.11 ng
RT: 19.481 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:202 Resp: 9890

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.4	13.9	20.9



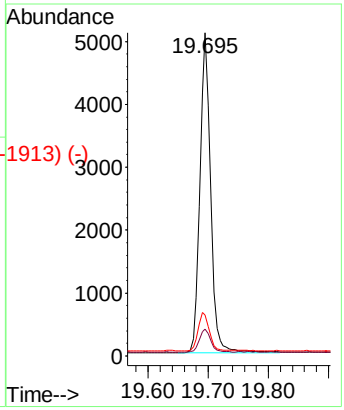
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

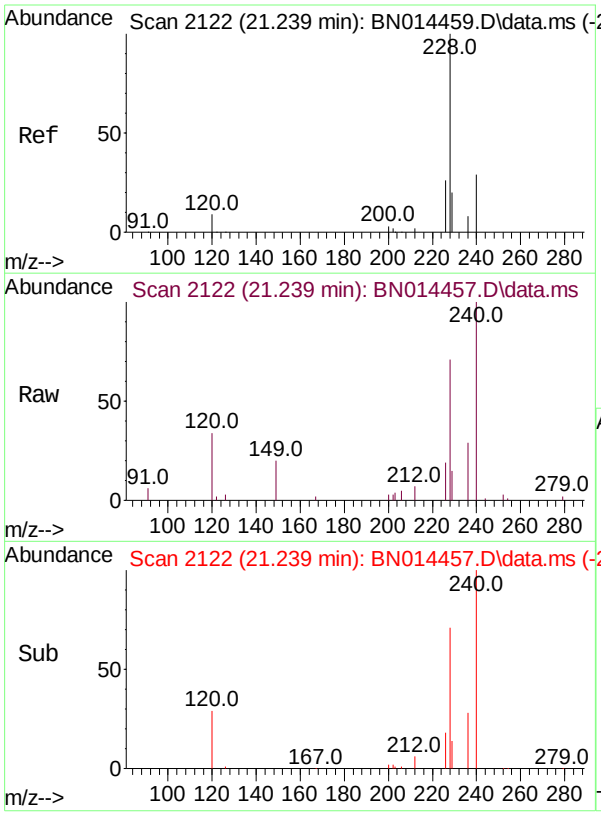


#31
Terphenyl-d14
Concen: 0.10 ng
RT: 19.695 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:244 Resp: 6291

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	12.6	9.8	14.8

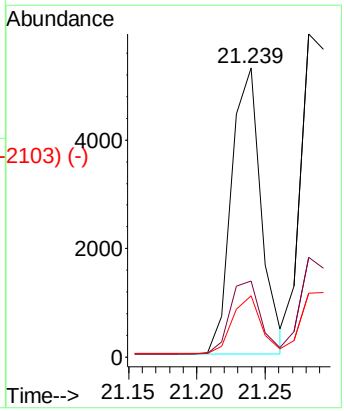




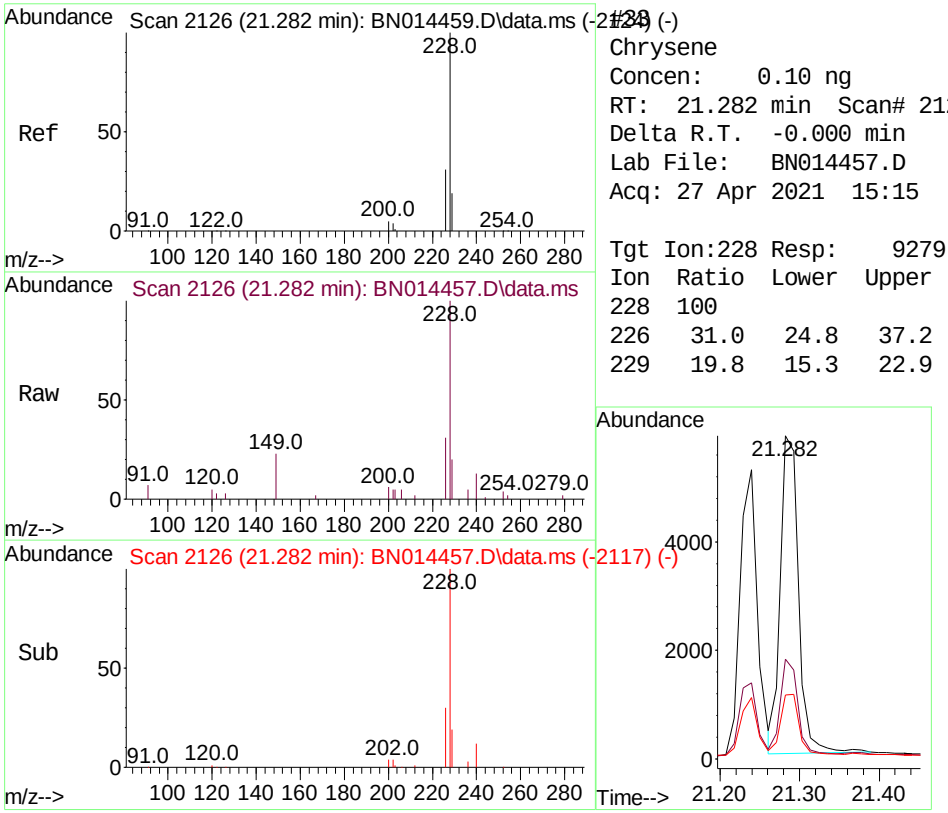
#32
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:228 Resp: 7991

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	21.1	16.1	24.1



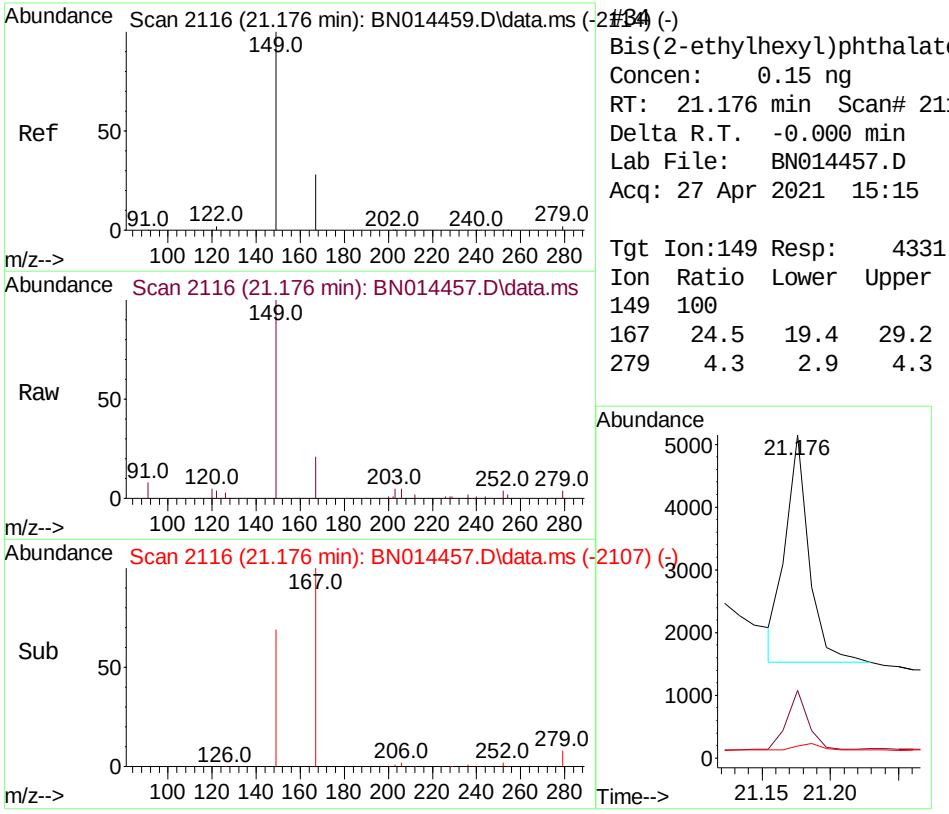
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#28
Chrysene
Concen: 0.10 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:228 Resp: 9279

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.8	15.3	22.9

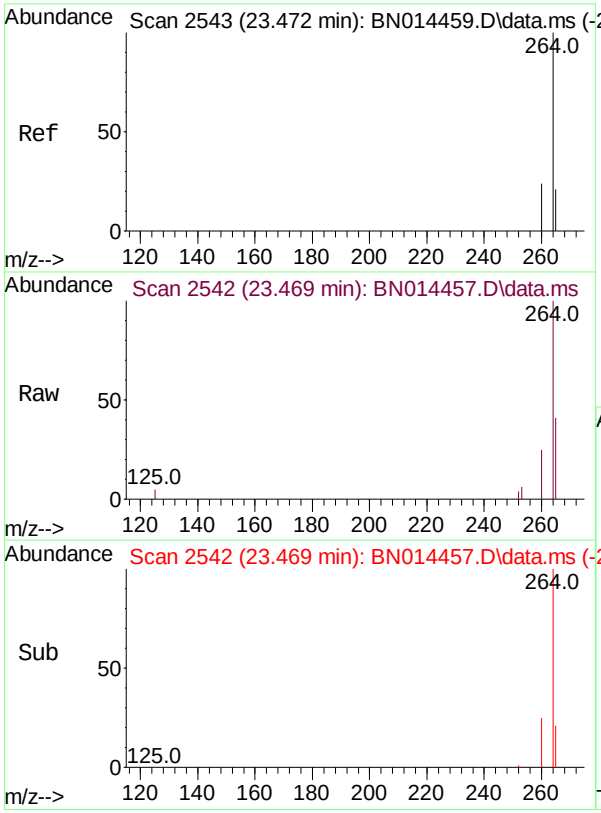


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.176 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:149 Resp: 4331

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.4	29.2
279	4.3	2.9	4.3

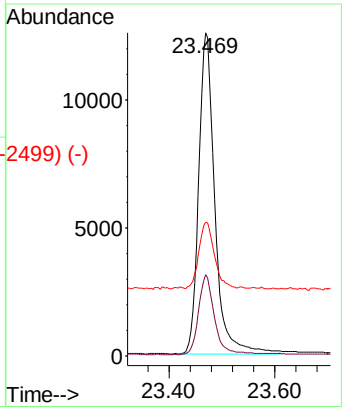
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

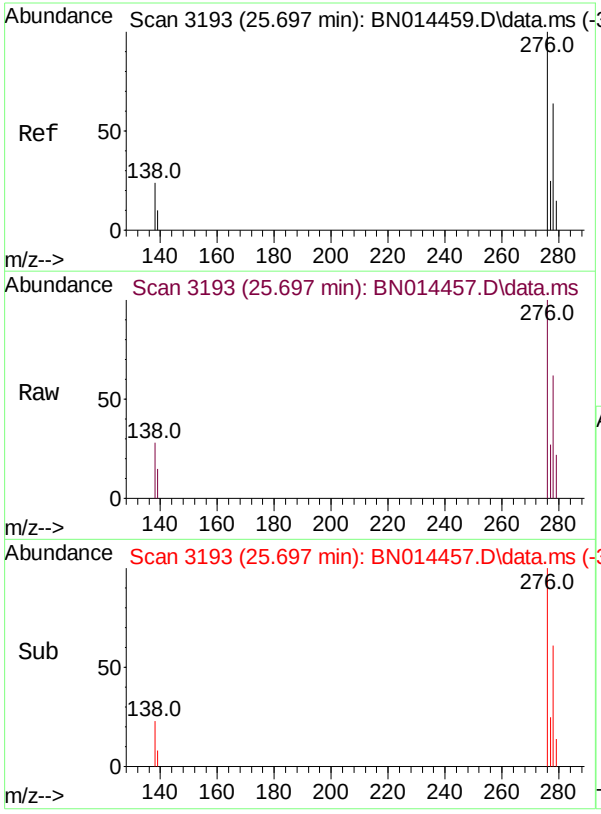


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.469 min Scan# 2542
Delta R.T. -0.003 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:264 Resp: 26505

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	41.4	31.6	47.4

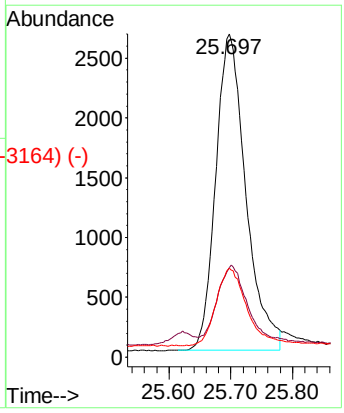




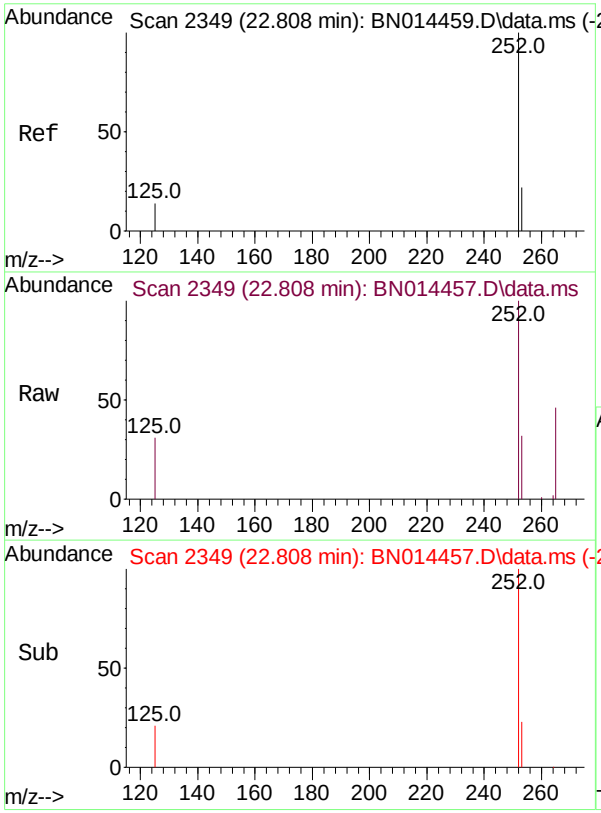
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 25.697 min Scan# 3193
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:276 Resp: 8959

Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.5	27.7
277	24.8	19.9	29.9



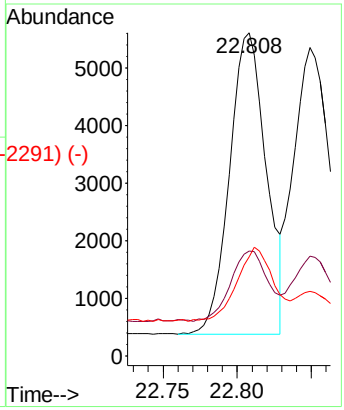
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

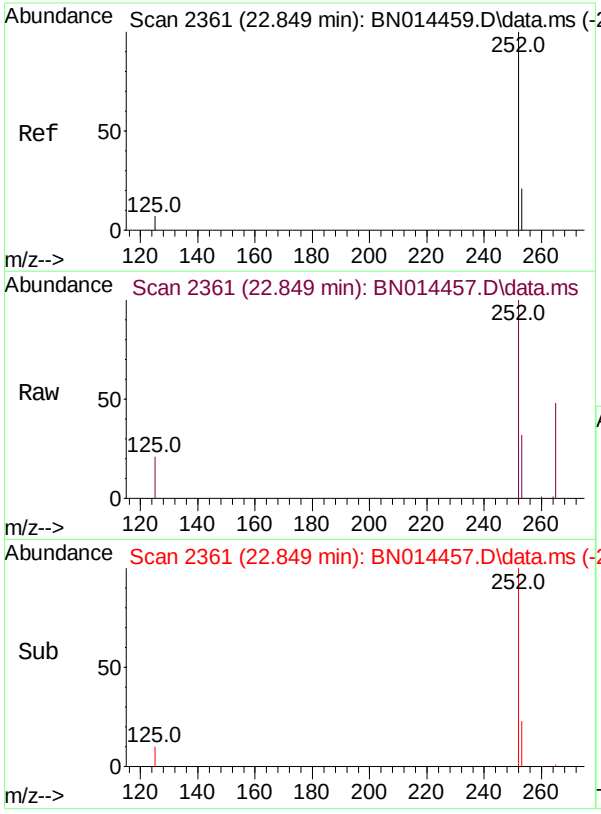


#37
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 22.808 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:252 Resp: 9015

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.3	28.9#
125	30.7	12.8	19.2#

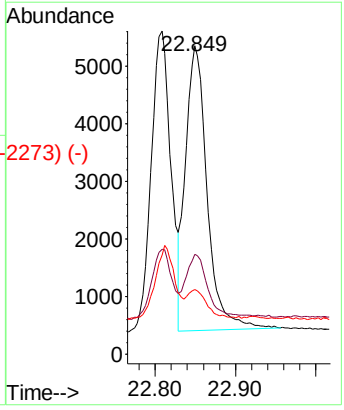




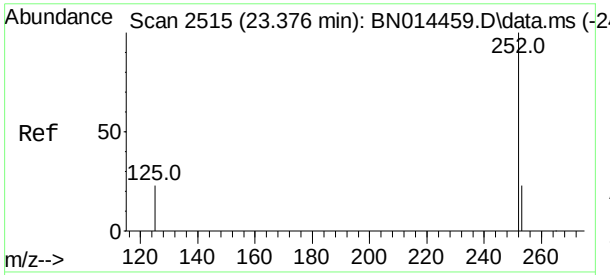
#38
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.849 min Scan# 2361
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:252 Resp: 9215

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.3	28.9#
125	20.9	10.0	15.0#



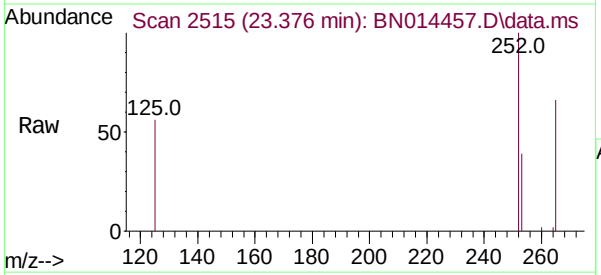
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

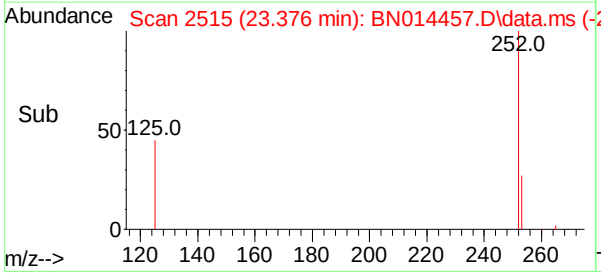


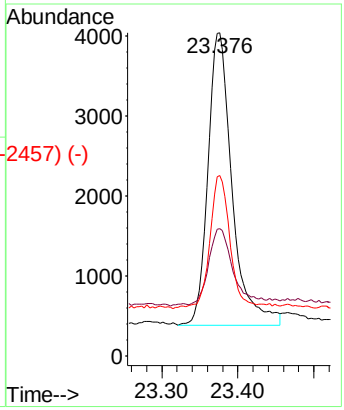
#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.376 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

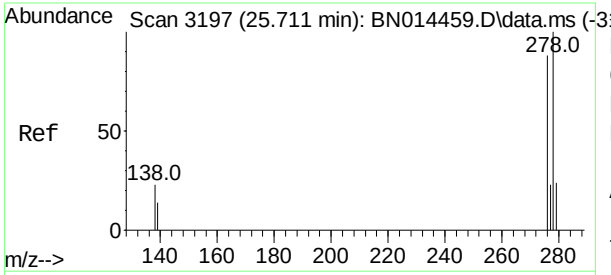
Tgt Ion:252 Resp: 8051

Ion	Ratio	Lower	Upper
252	100		
253	39.4	21.0	31.6#
125	55.9	20.8	31.2#





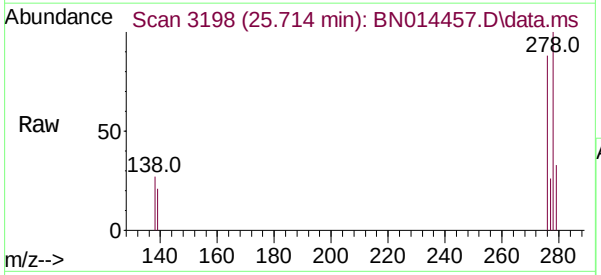


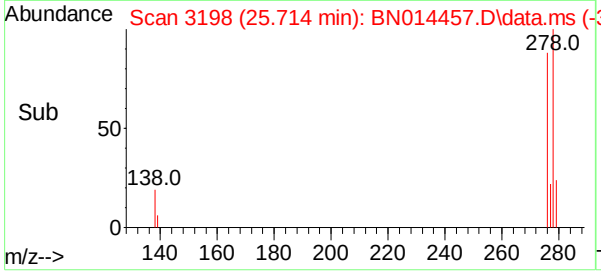


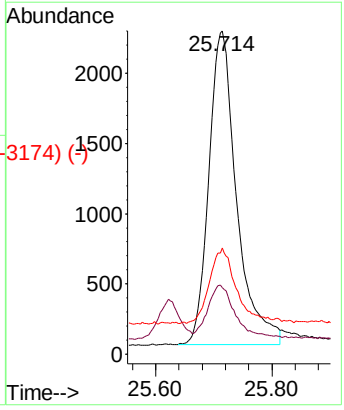
#40
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.714 min Scan# 3198
Delta R.T. 0.003 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

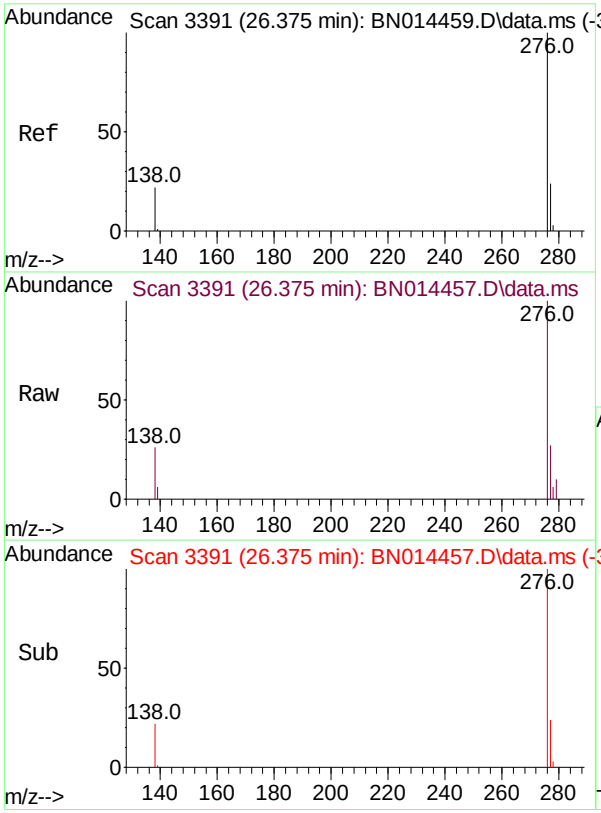
Tgt Ion:278 Resp: 7393

Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.3	21.5
279	32.8	20.3	30.5#





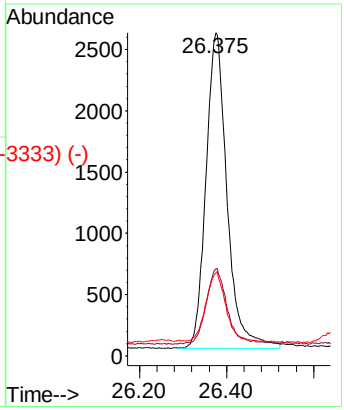




Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.375 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BN014457.D
Acq: 27 Apr 2021 15:15

Tgt Ion:276 Resp: 8632

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.5	29.3
138	25.8	18.3	27.5



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1