Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016217.D
Acq On : 05 Sep 2021 06:46
Operator : CG/JU
Sample : M3561-23MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE4-11MS

Quant Time: Sep 06 06:22:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	15178	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	80419	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	61419	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	98273	0.400	ng	# 0.00
29) Chrysene-d12	21.450	240	112610	0.400	ng	# 0.02
35) Perylene-d12	23.851	264	94956	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	7013	0.164	ng	0.00
5) Phenol-d6	7.043	99	5921	0.108	ng	0.00
8) Nitrobenzene-d5	9.012	82	23774	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	12.247	152	44489	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	9210	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	63067	0.272	ng	-0.01
27) Fluoranthene-d10	19.296	212	96976	0.329	ng	0.01
31) Terphenyl-d14	19.887	244	106739	0.375	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	1072	0.221	ng	# 86
6) bis(2-Chloroethyl)ether	7.292	93	13999	0.353	ng	97
9) Naphthalene	10.711	128	72819	0.342	ng	# 95
10) Hexachlorobutadiene	11.002	225	13073	0.302	ng	# 100
12) 2-Methylnaphthalene	12.323	142	54749	0.381	ng	# 92
16) Acenaphthylene	14.218	152	90245	0.328	ng	# 77
17) Acenaphthene	14.560	154	45262	0.259	ng	100
18) Fluorene	15.550	166	63070	0.288	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.639	198	6405	0.909	ng	# 7
21) 4-Bromophenyl-phenylether	16.433	248	18960	0.365	ng	# 42
22) Hexachlorobenzene	16.555	284	19891	0.325	ng	# 58
23) Atrazine	16.713	200	11723	0.223	ng	# 1
24) Pentachlorophenol	16.920	266	30105	1.426	ng	99
25) Phenanthrene	17.285	178	118011	0.429	ng	# 93
26) Anthracene	17.383	178	180119	0.687	ng	# 92
28) Fluoranthene	19.326	202	116955	0.358	ng	98
30) Pyrene	19.688	202	155231	0.423	ng	# 95
32) Benzo(a)anthracene	21.440	228	122239	0.323	ng	# 61
33) Chrysene	21.482	228	131407	0.358	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.355	149	100011	0.393	ng	96
36) Indeno(1,2,3-cd)pyrene	26.329	276	85459	0.324	ng	99
37) Benzo(b)fluoranthene	23.118	252	130949	0.404	ng	# 81
38) Benzo(k)fluoranthene	23.163	252	120721	0.407	ng	# 78
39) Benzo(a)pyrene	23.741	252	100651	0.350	ng	# 82
40) Dibenzo(a,h)anthracene	26.343	278	72707	0.330	ng	# 89
41) Benzo(g,h,i)perylene	27.089	276	63569	0.287	ng	93

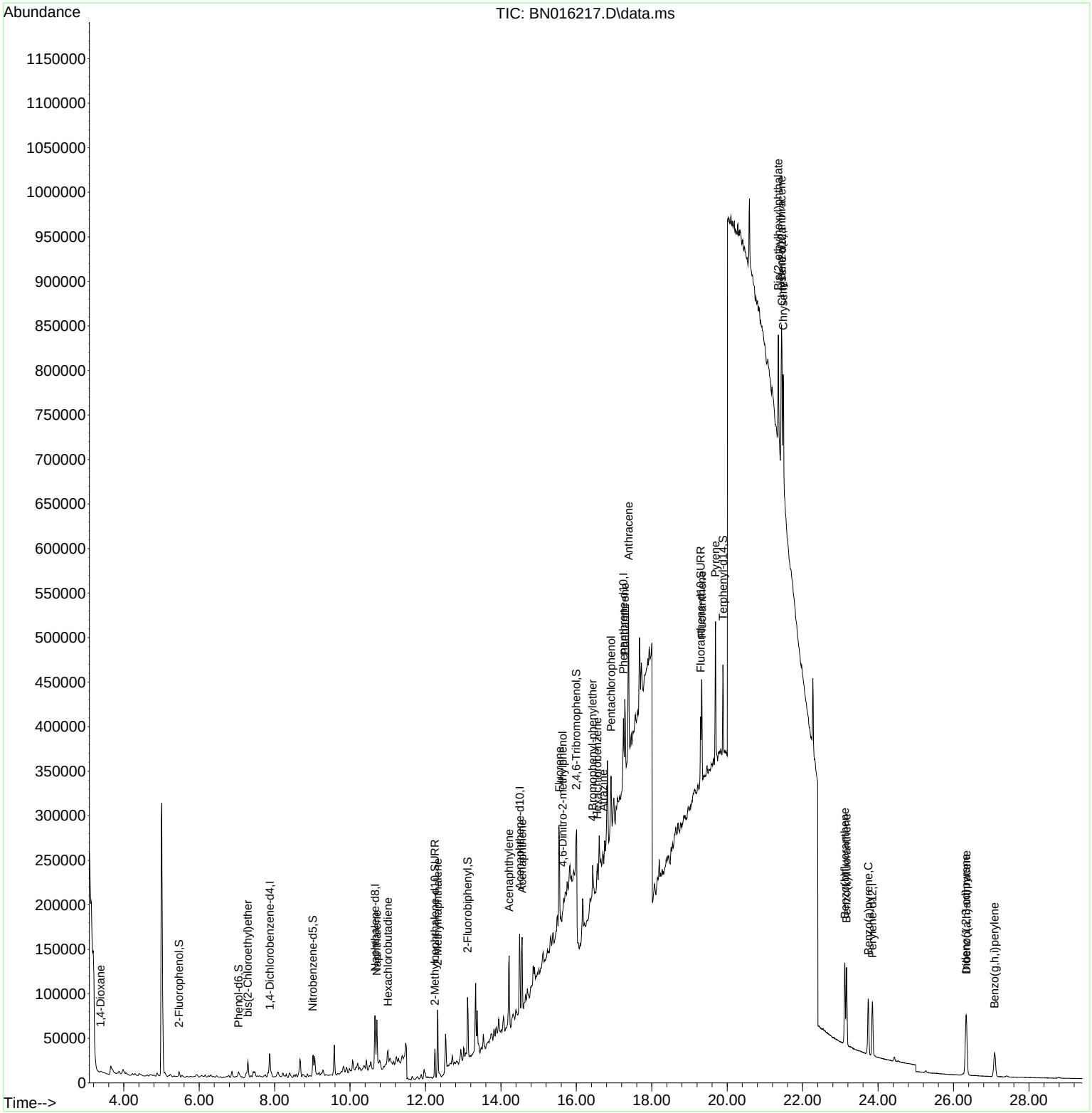
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

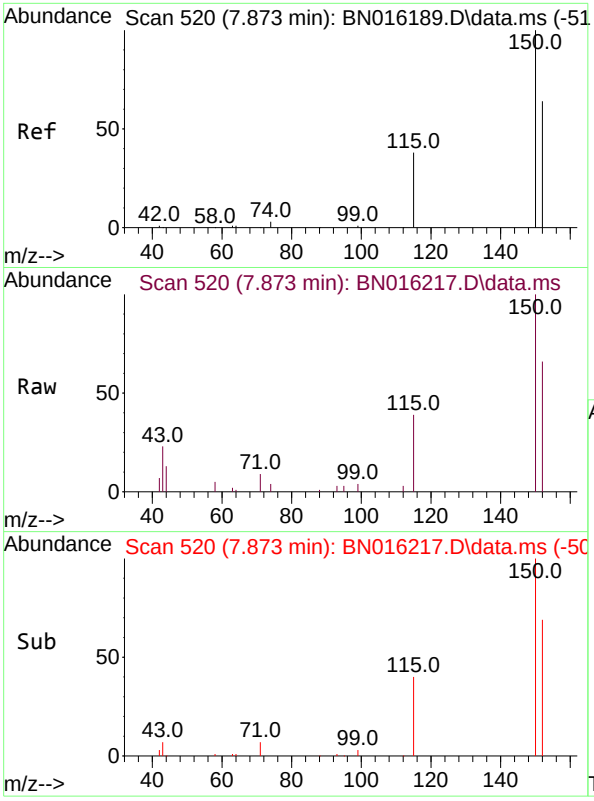
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016217.D
Acq On : 05 Sep 2021 06:46
Operator : CG/JU
Sample : M3561-23MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE4-11MS

Quant Time: Sep 06 06:22:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration



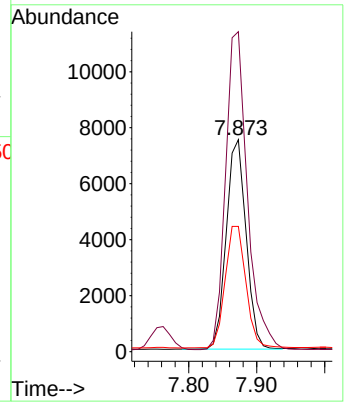
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

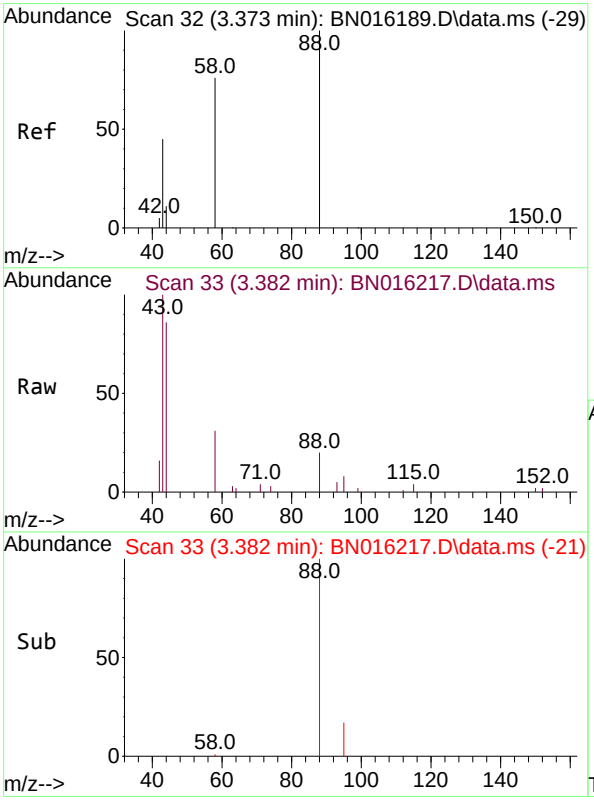


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.873 min Scan# 520
Delta R.T. -0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:152 Resp: 15178

Ion	Ratio	Lower	Upper
152	100		
150	150.9	125.3	187.9
115	59.1	48.4	72.6

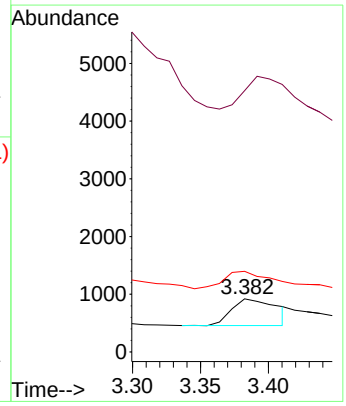




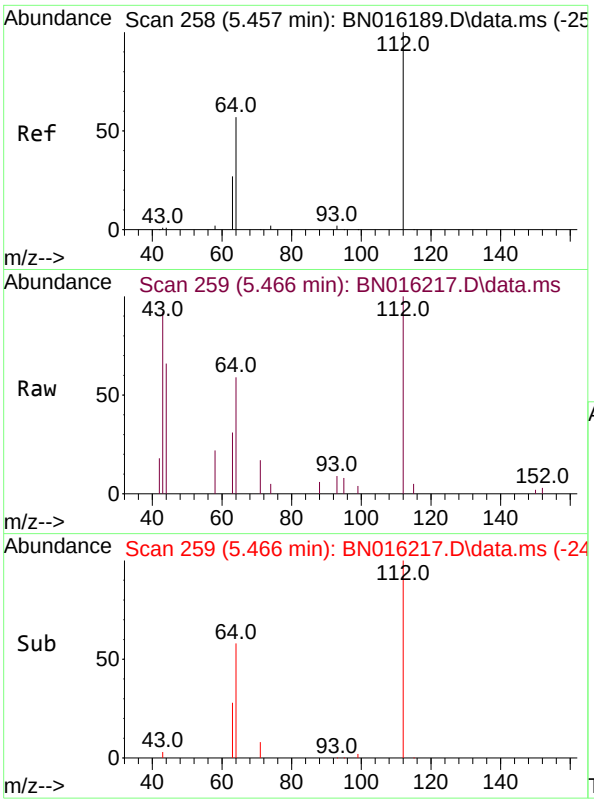
#2
1,4-Dioxane
Concen: 0.221 ng
RT: 3.382 min Scan# 33
Delta R.T. 0.009 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion: 88 Resp: 1072

Ion	Ratio	Lower	Upper
88	100		
43	98.7	77.0	115.4
58	63.9	70.8	106.2#



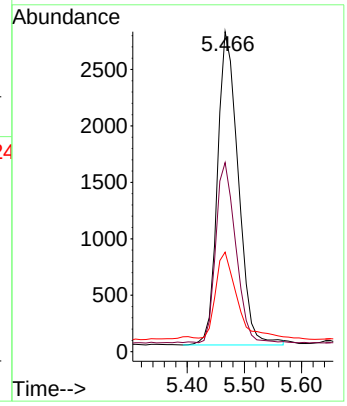
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

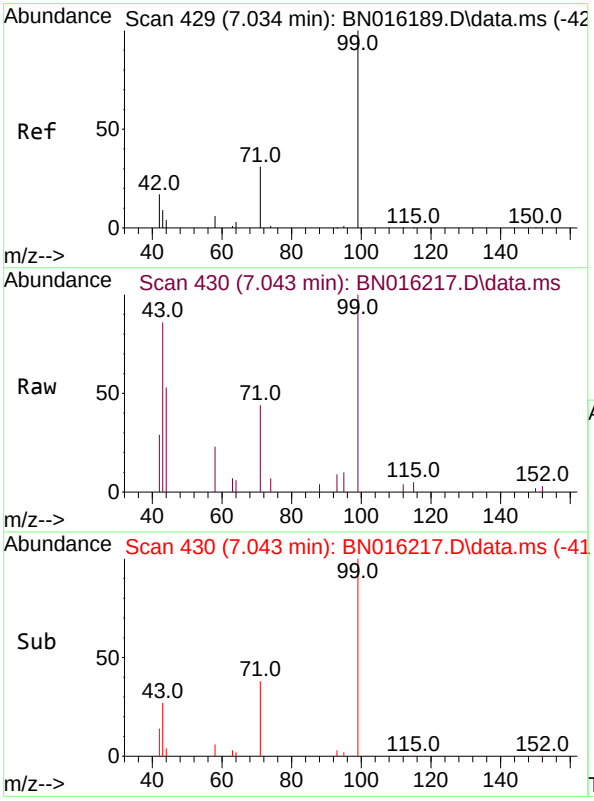


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.466 min Scan# 259
Delta R.T. 0.009 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:112 Resp: 7013

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.8	70.2
63	27.5	22.7	34.1

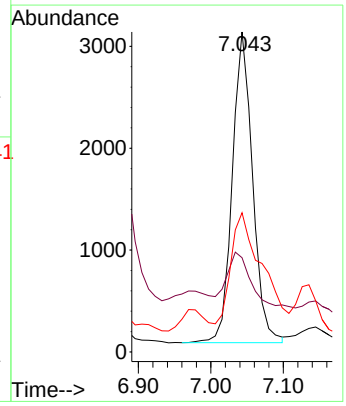




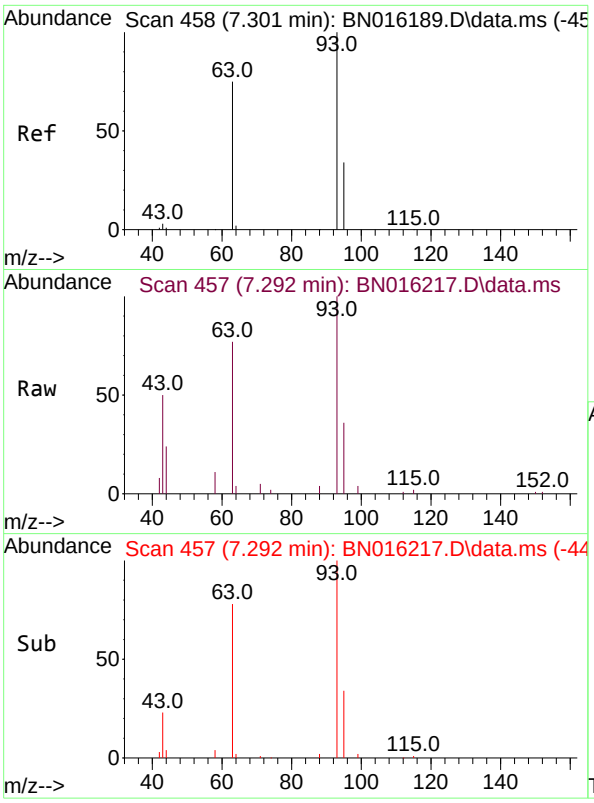
#5
Phenol-d6
Concen: 0.108 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion: 99 Resp: 5921

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	52.0	24.3	36.5#



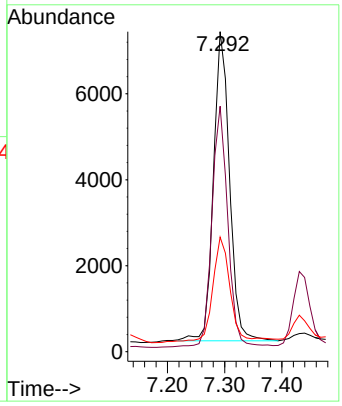
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

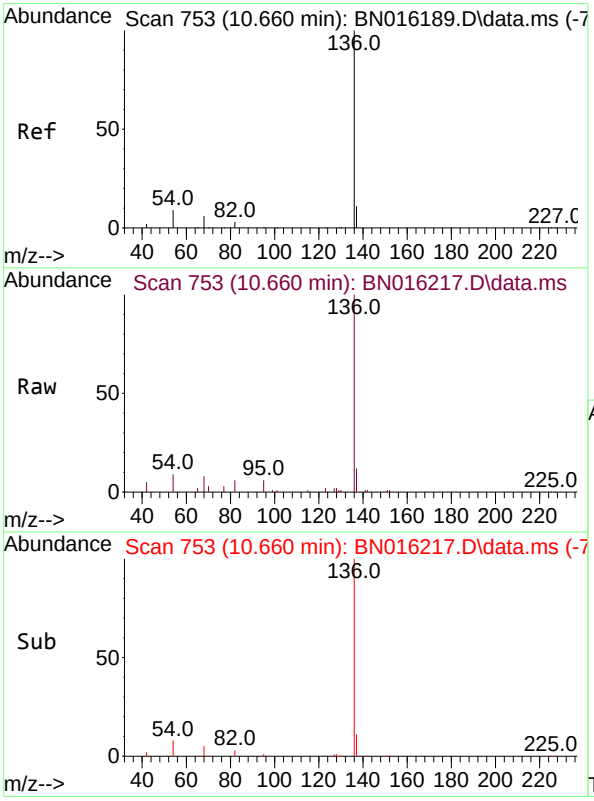


#6
bis(2-Chloroethyl)ether
Concen: 0.353 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.009 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion: 93 Resp: 13999

Ion	Ratio	Lower	Upper
93	100		
63	75.5	62.8	94.2
95	34.8	27.0	40.4

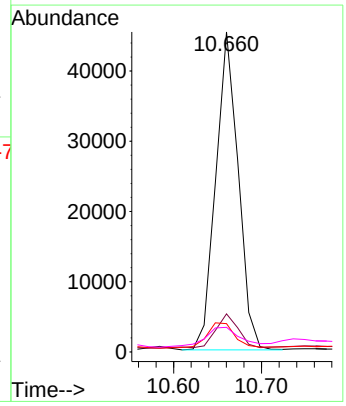




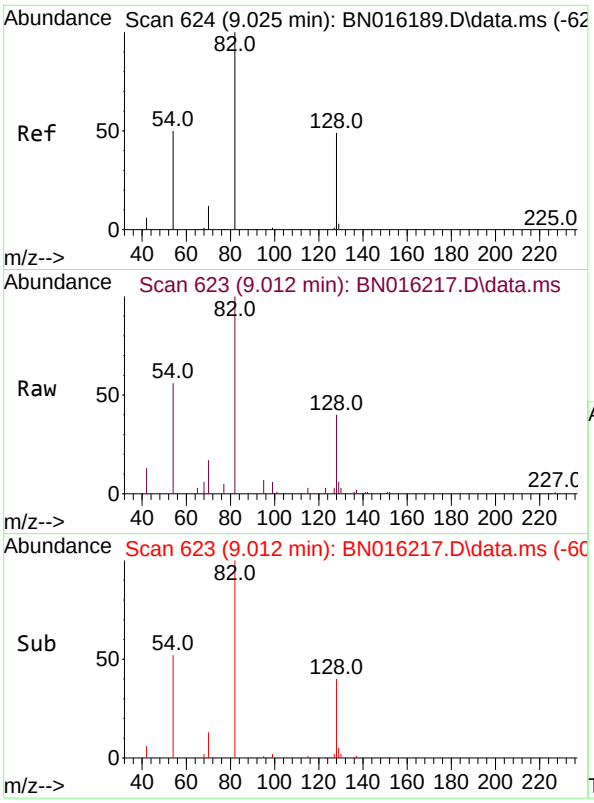
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:136 Resp: 80419

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	8.8	7.2	10.8
68	7.7	5.2	7.8



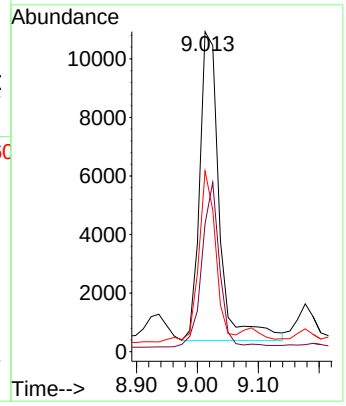
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

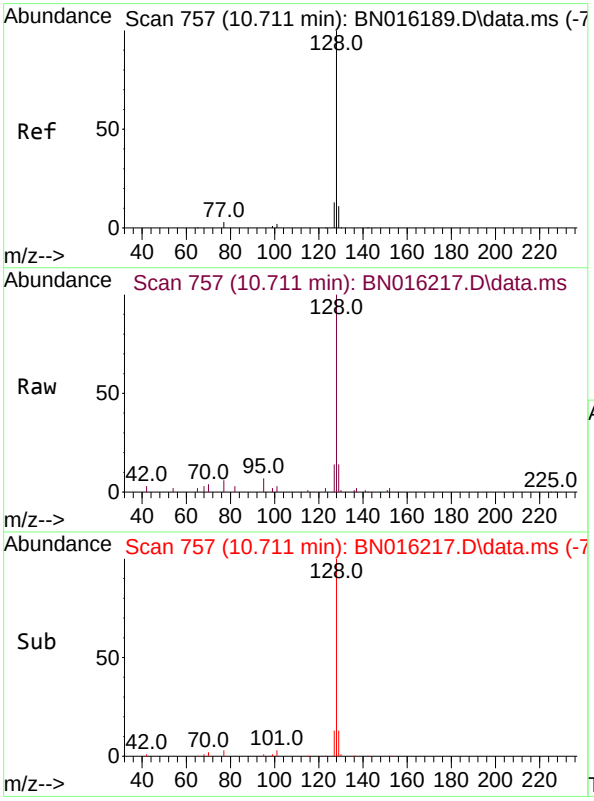


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.012 min Scan# 623
Delta R.T. -0.013 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion: 82 Resp: 23774

Ion	Ratio	Lower	Upper
82	100		
128	40.1	39.3	58.9
54	56.5	40.2	60.4

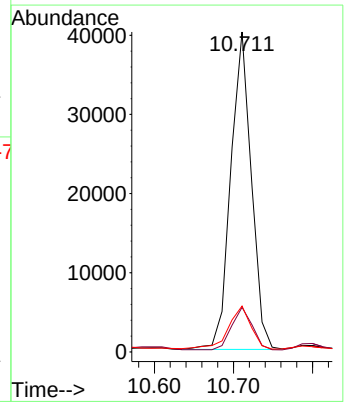




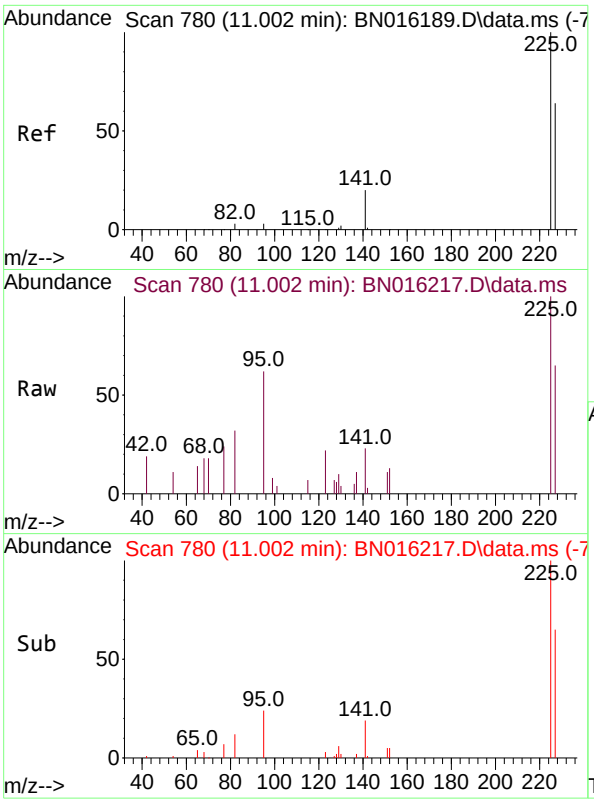
#9
Naphthalene
Concen: 0.342 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:128 Resp: 72819

Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.9	13.3#
127	14.4	10.4	15.6



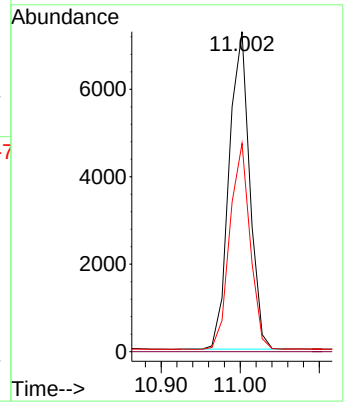
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

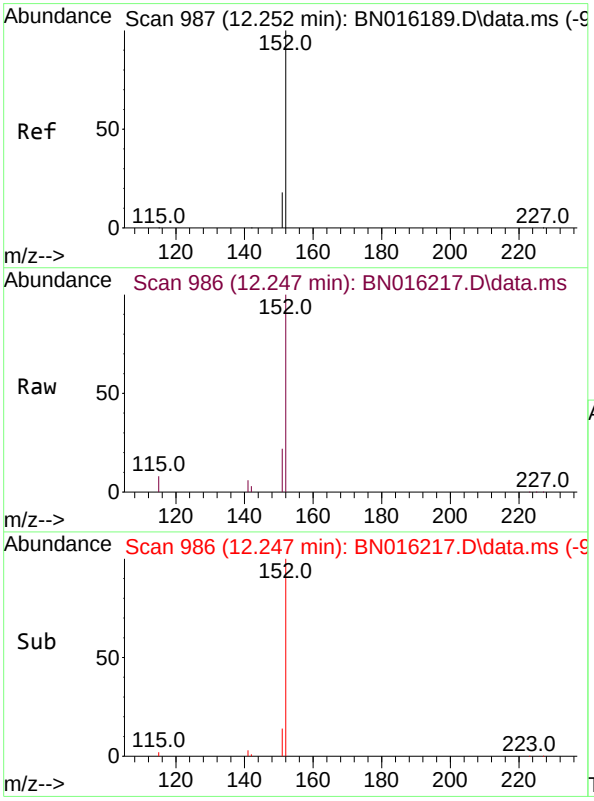


#10
Hexachlorobutadiene
Concen: 0.302 ng
RT: 11.002 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:225 Resp: 13073

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8

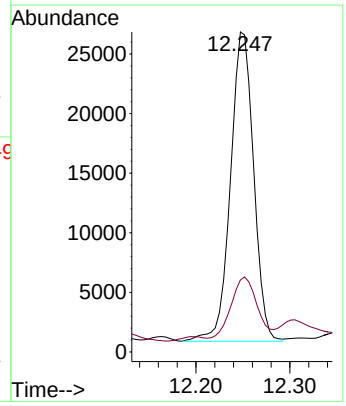




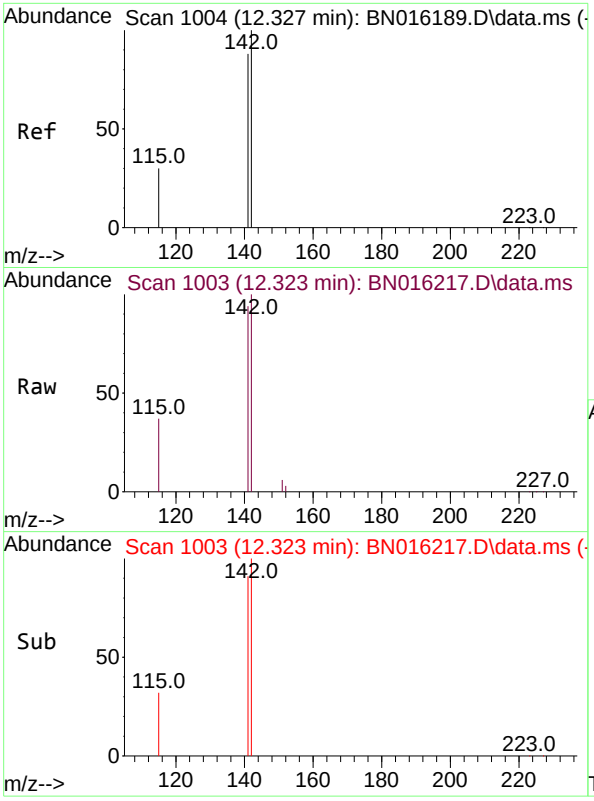
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.004 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:152 Resp: 44489

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.2



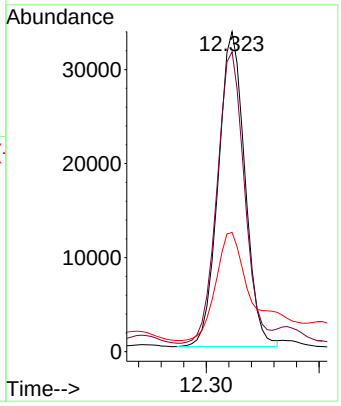
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

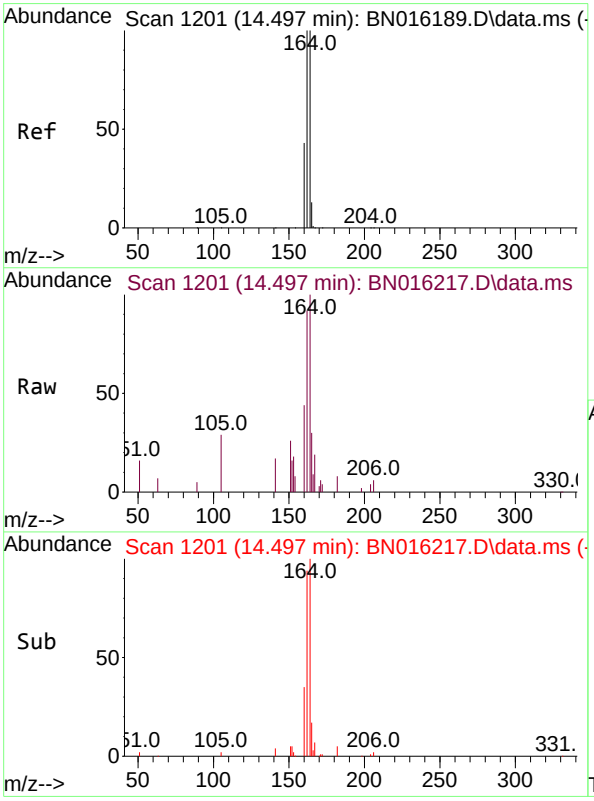


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.323 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:142 Resp: 54749

Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.4	105.6
115	37.3	24.4	36.6#

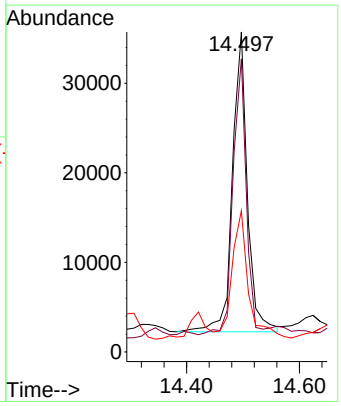




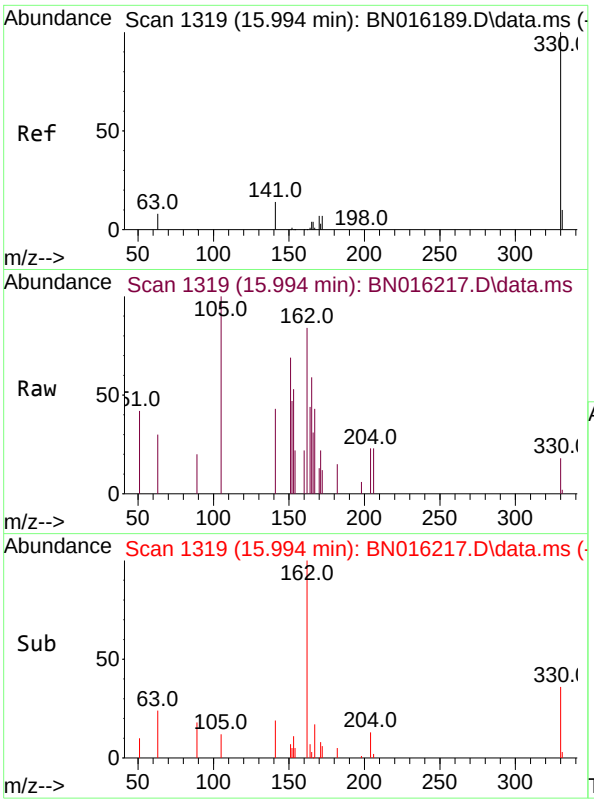
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:164 Resp: 61419

Ion	Ratio	Lower	Upper
164	100		
162	91.6	79.8	119.6
160	44.1	34.2	51.4



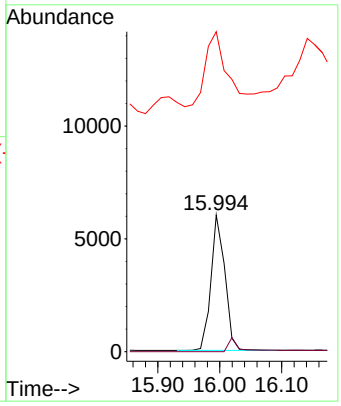
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

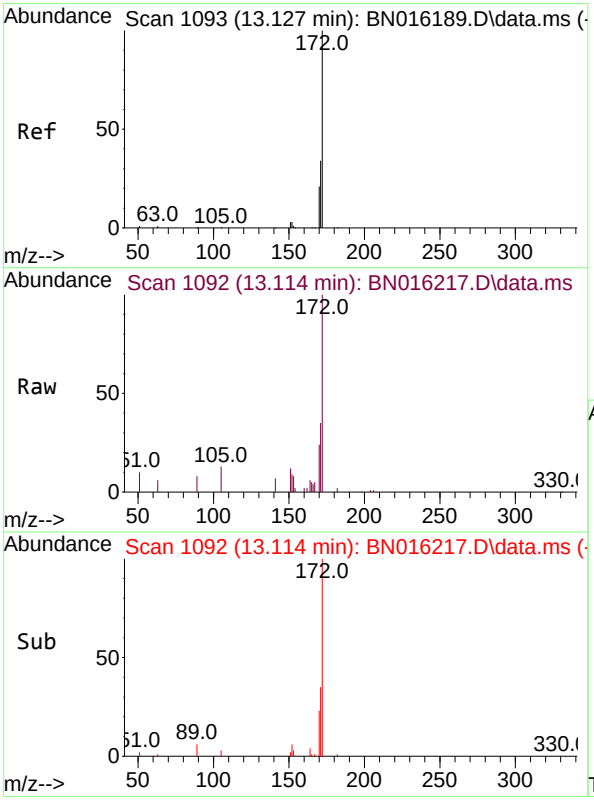


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:330 Resp: 9210

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	87.6	25.4	38.2#

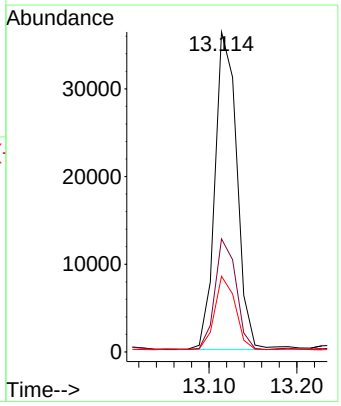


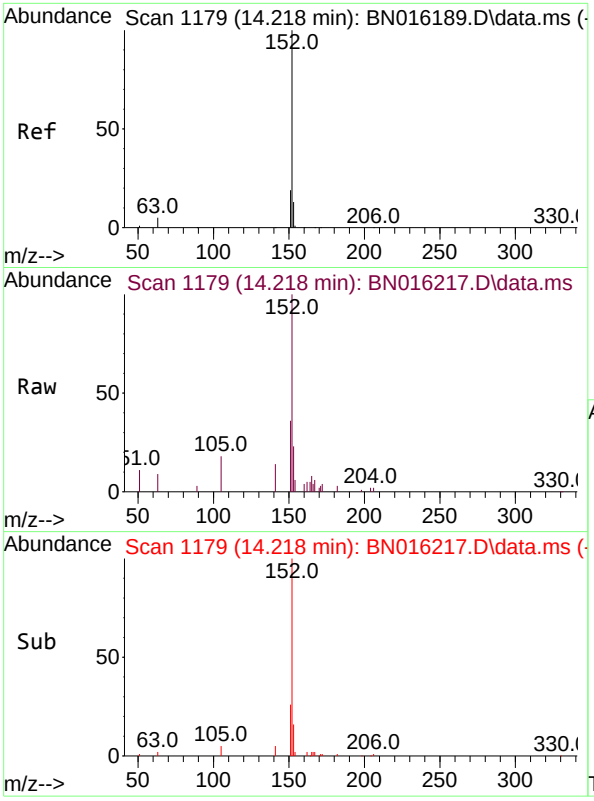


#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.013 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:172 Resp: 63067

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.9	40.3
170	23.6	17.1	25.7

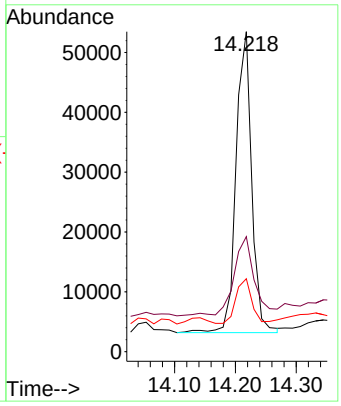




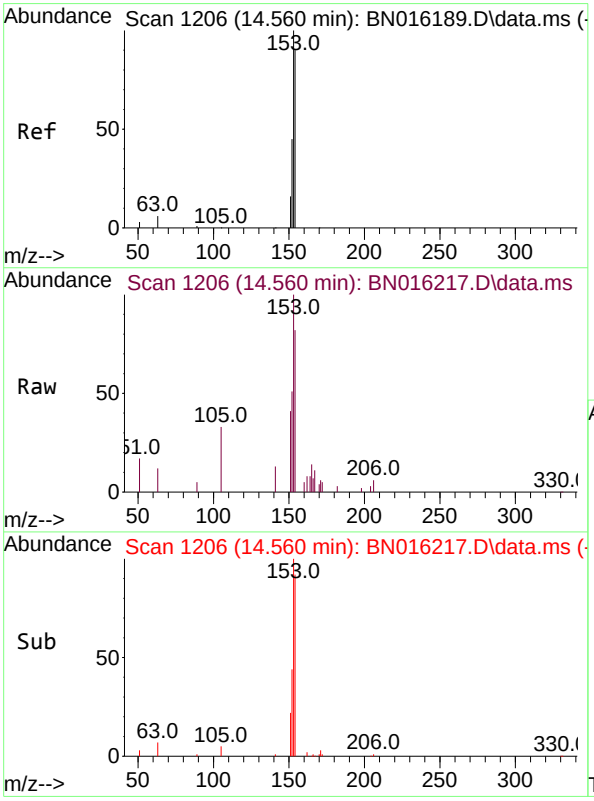
#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:152 Resp: 90245

Ion	Ratio	Lower	Upper
152	100		
151	34.9	15.3	22.9#
153	14.9	10.4	15.6



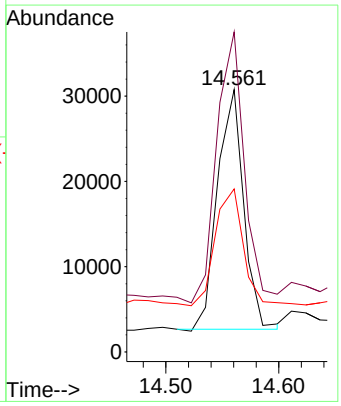
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



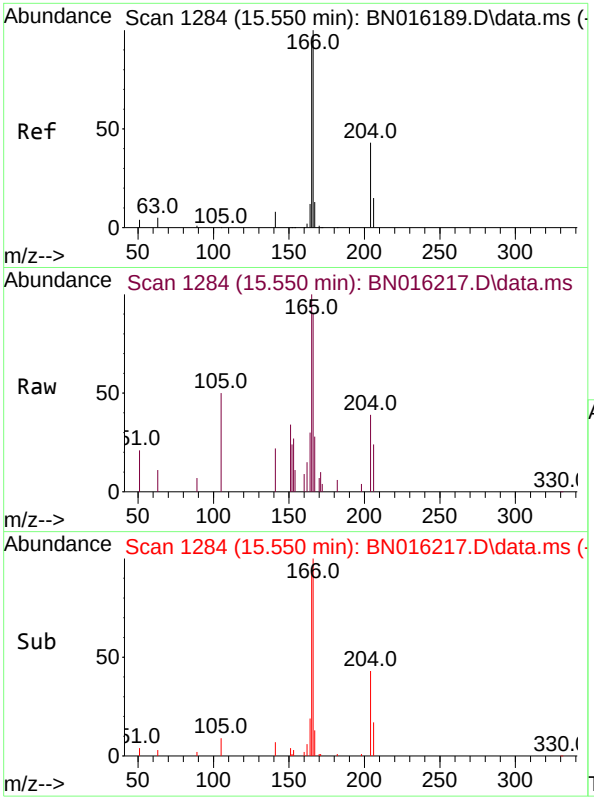
#17
Acenaphthene
Concen: 0.259 ng
RT: 14.560 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:154 Resp: 45262

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.1	133.7
152	51.2	41.2	61.8



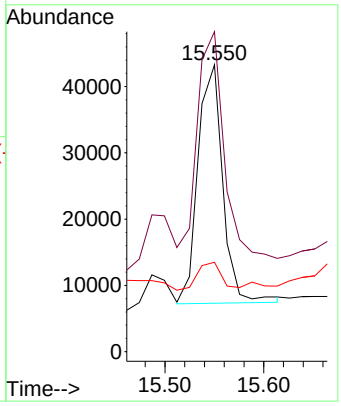
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

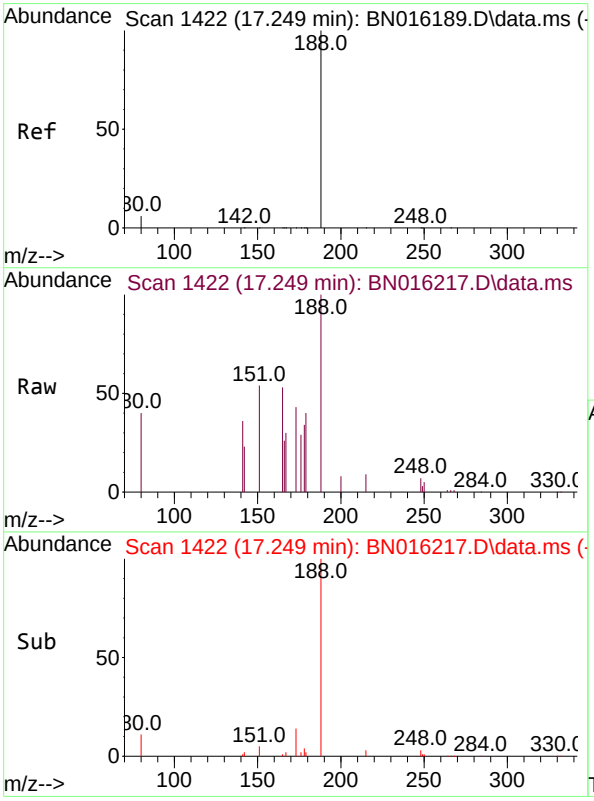


#18
Fluorene
Concen: 0.288 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:166 Resp: 63070

Ion	Ratio	Lower	Upper
166	100		
165	143.4	77.0	115.6#
167	11.3	10.9	16.3

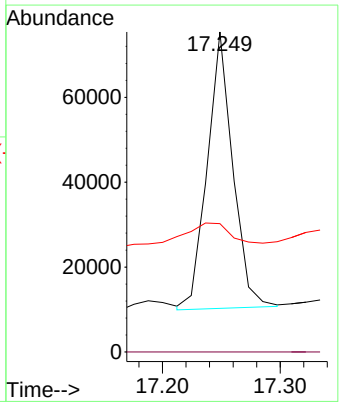




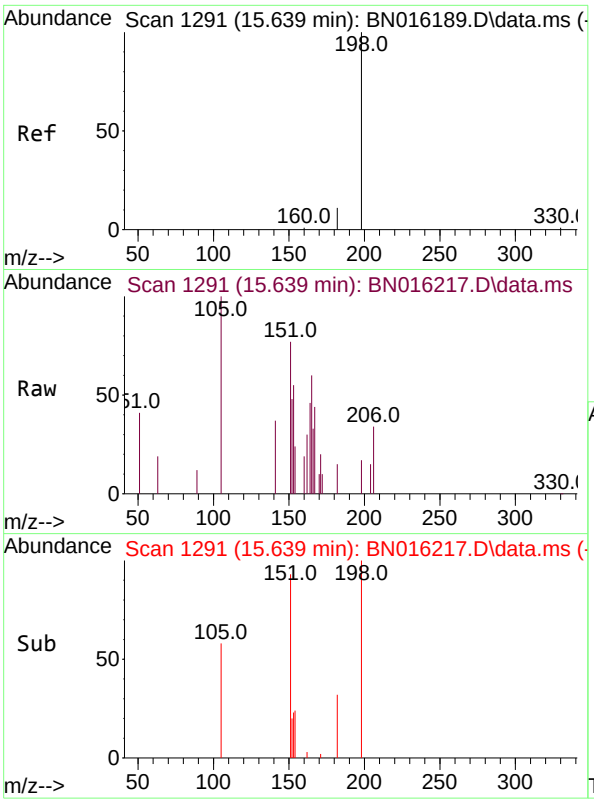
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:188 Resp: 98273

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	40.1	5.0	7.6#



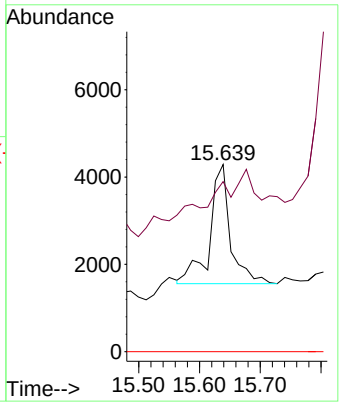
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

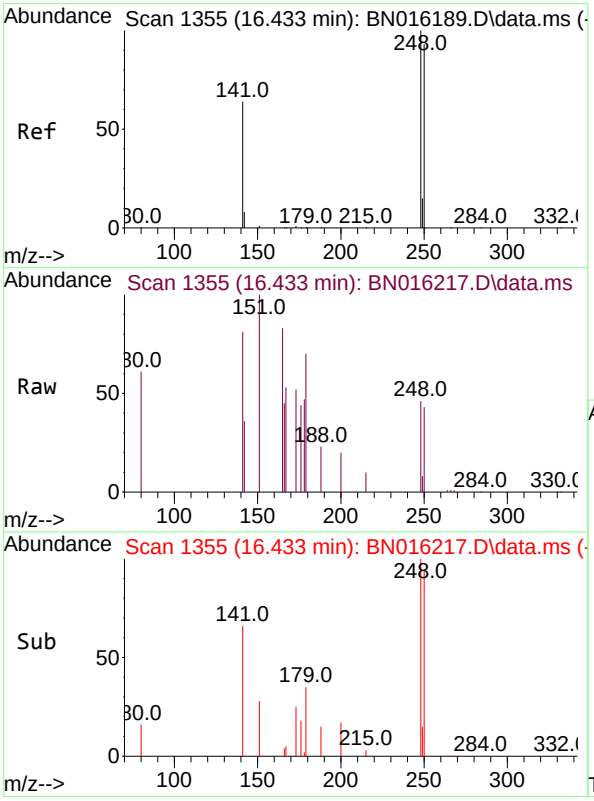


#20
4,6-Dinitro-2-methylphenol
Concen: 0.909 ng
RT: 15.639 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:198 Resp: 6405

Ion	Ratio	Lower	Upper
198	100		
182	90.9	28.8	43.2#
77	0.0	0.0	0.0

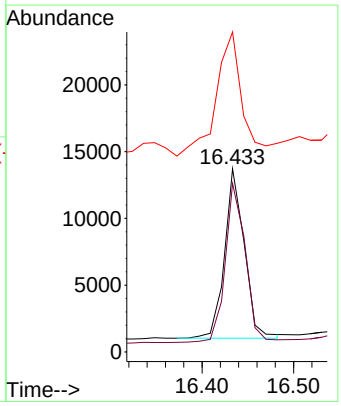


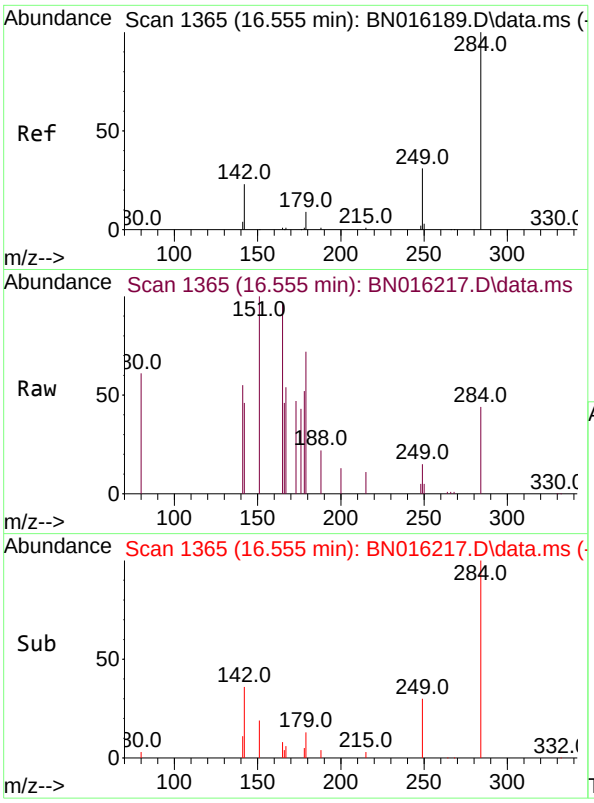


#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.433 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:248 Resp: 18960

Ion	Ratio	Lower	Upper
248	100		
250	92.0	74.6	112.0
141	174.7	51.6	77.4#

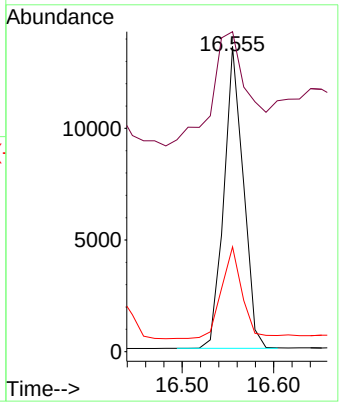




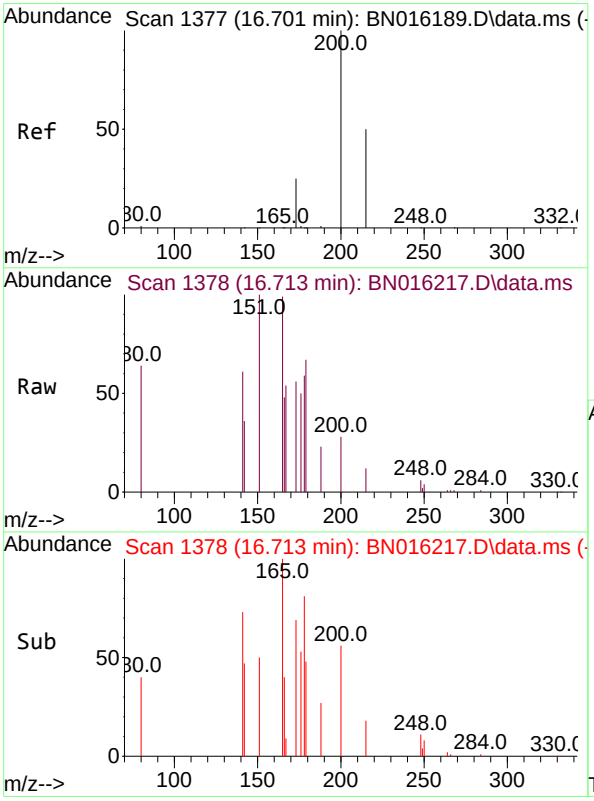
#22
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:284 Resp: 19891

Ion	Ratio	Lower	Upper
284	100		
142	71.1	22.7	34.1#
249	33.1	24.3	36.5



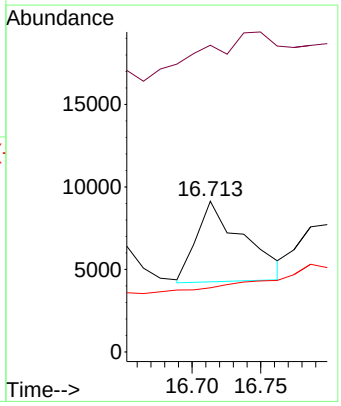
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

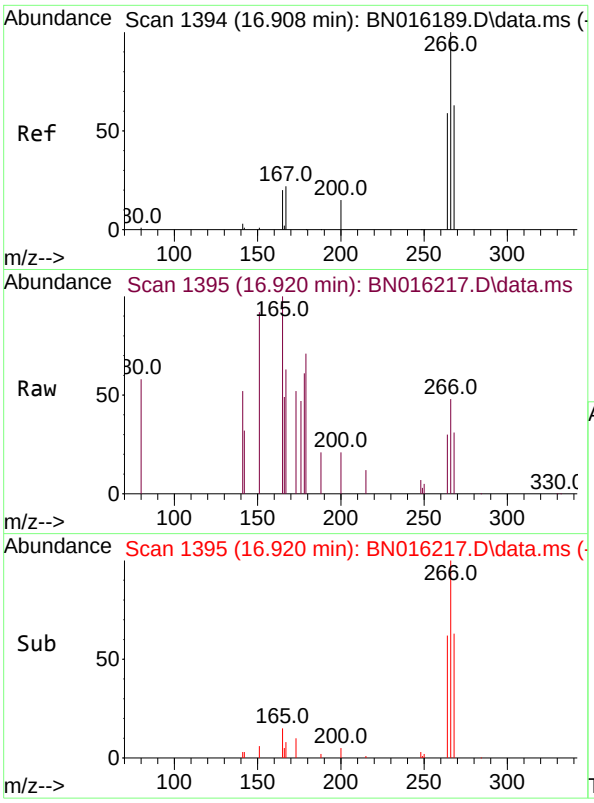


#23
Atrazine
Concen: 0.223 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:200 Resp: 11723

Ion	Ratio	Lower	Upper
200	100		
173	203.4	20.6	31.0#
215	42.6	40.5	60.7

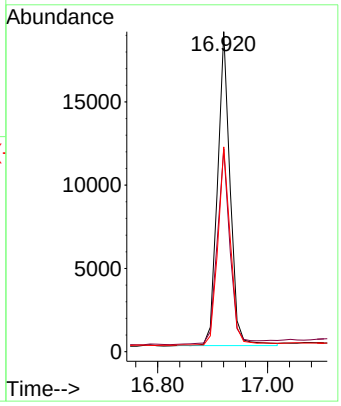




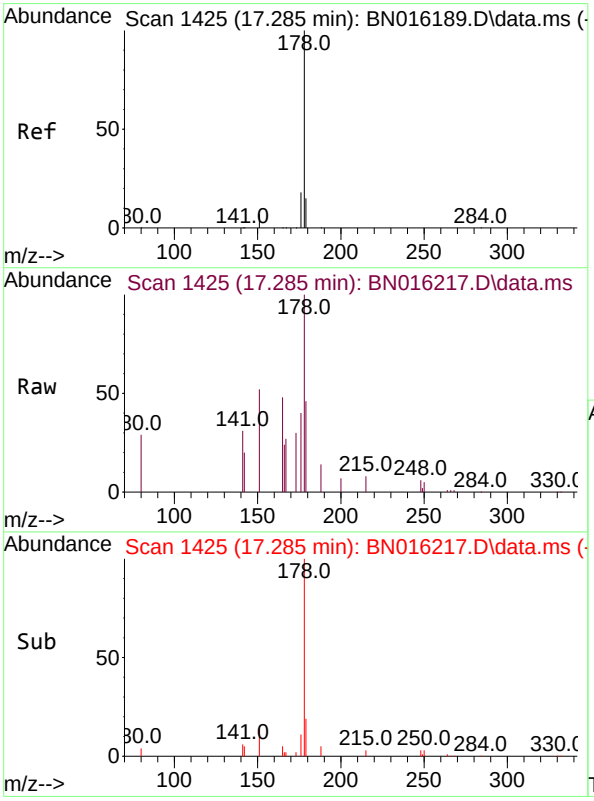
#24
Pentachlorophenol
Concen: 1.426 ng
RT: 16.920 min Scan# 1395
Delta R.T. 0.012 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:266 Resp: 30105

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.4	75.6
268	63.3	49.6	74.4



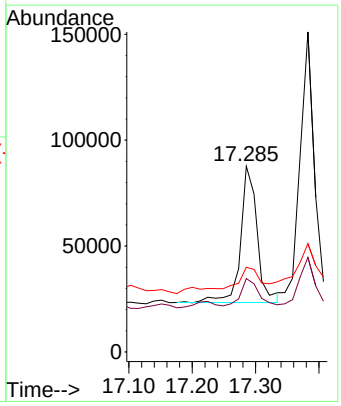
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



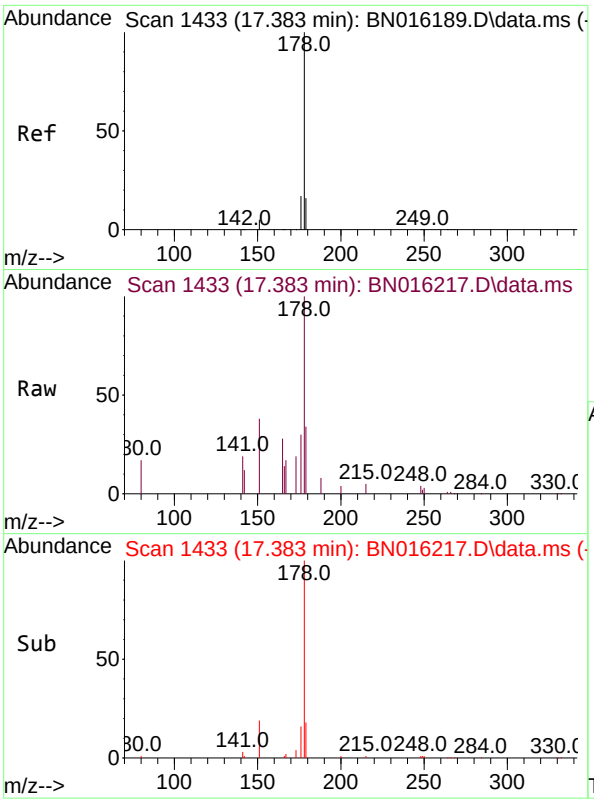
#25
Phenanthrene
Concen: 0.429 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:178 Resp: 118011

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.5	21.7
179	18.7	12.3	18.5#



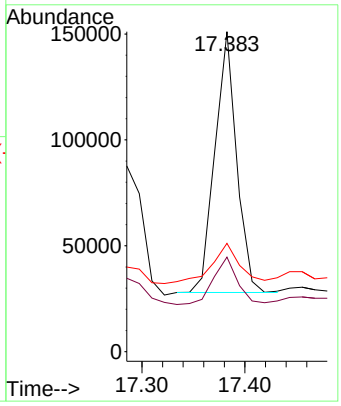
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

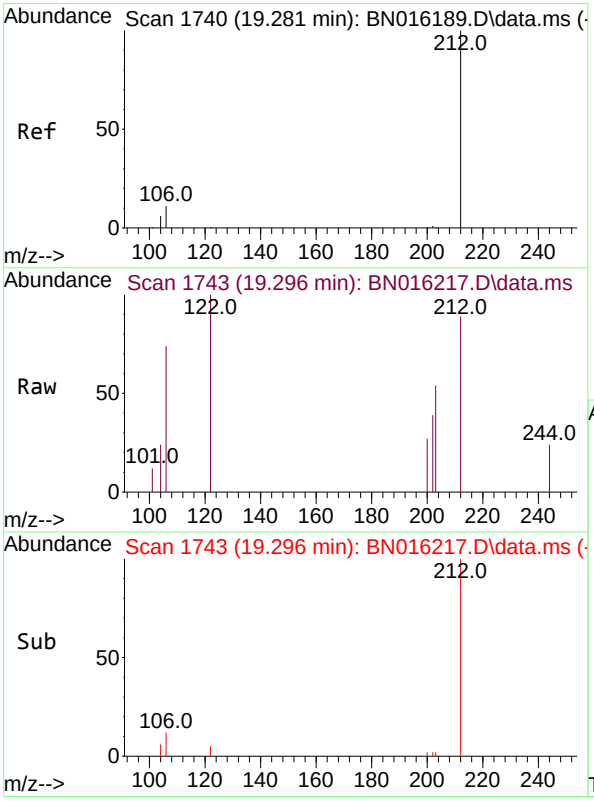


#26
Anthracene
Concen: 0.687 ng
RT: 17.383 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:178 Resp: 180119

Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.8	20.8
179	19.9	12.4	18.6#

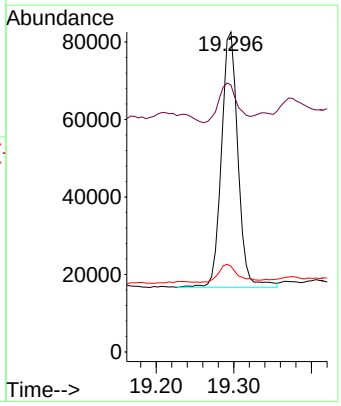


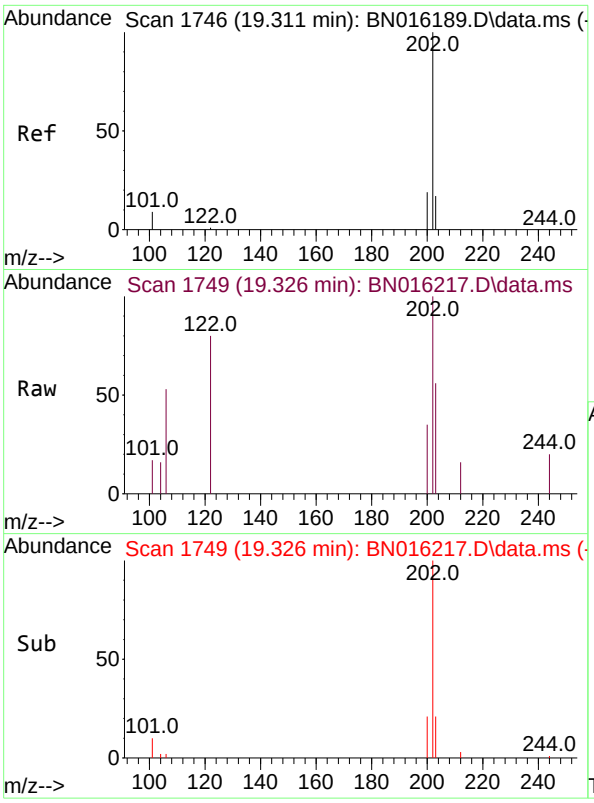


#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.296 min Scan# 1743
Delta R.T. 0.015 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:212 Resp: 96976

Ion	Ratio	Lower	Upper
212	100		
106	17.4	9.7	14.5#
104	8.2	5.4	8.0#

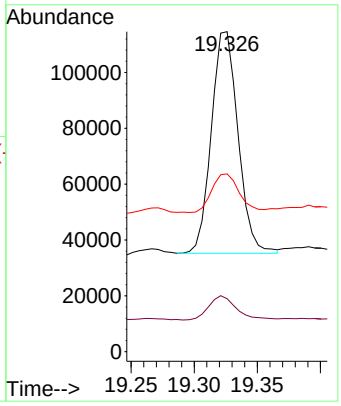




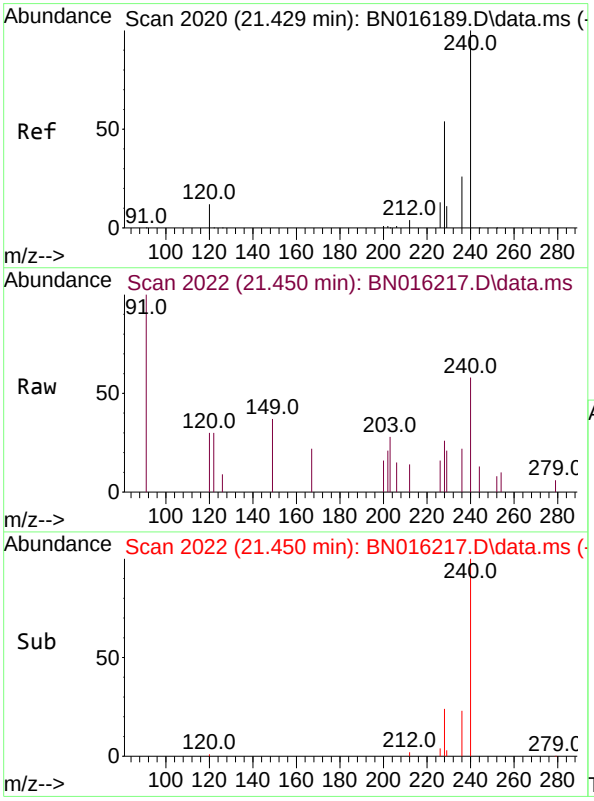
#28
Fluoranthene
Concen: 0.358 ng
RT: 19.326 min Scan# 1749
Delta R.T. 0.015 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:202 Resp: 116955

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.4	12.6
203	17.9	13.8	20.8



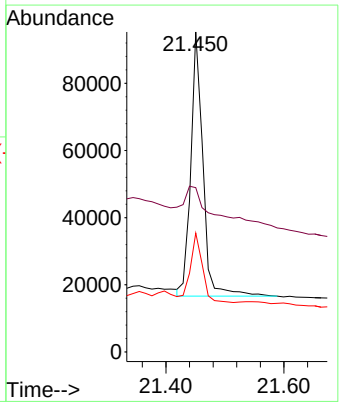
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

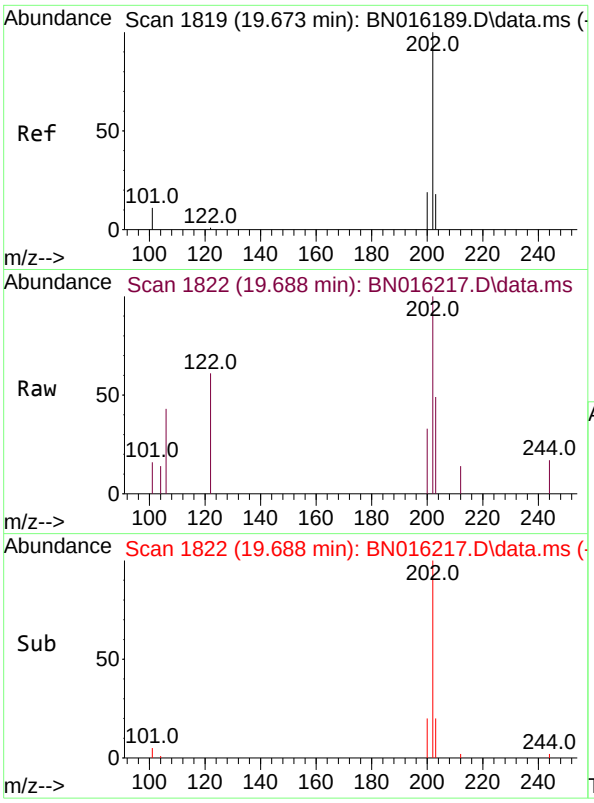


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.021 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:240 Resp: 112610

Ion	Ratio	Lower	Upper
240	100		
120	51.3	10.0	15.0#
236	37.1	20.9	31.3#

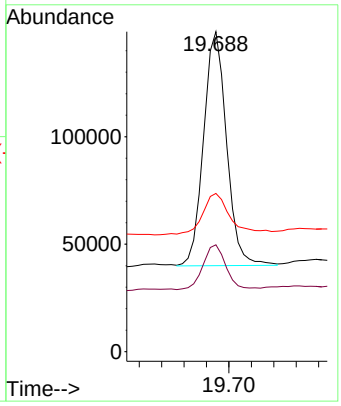




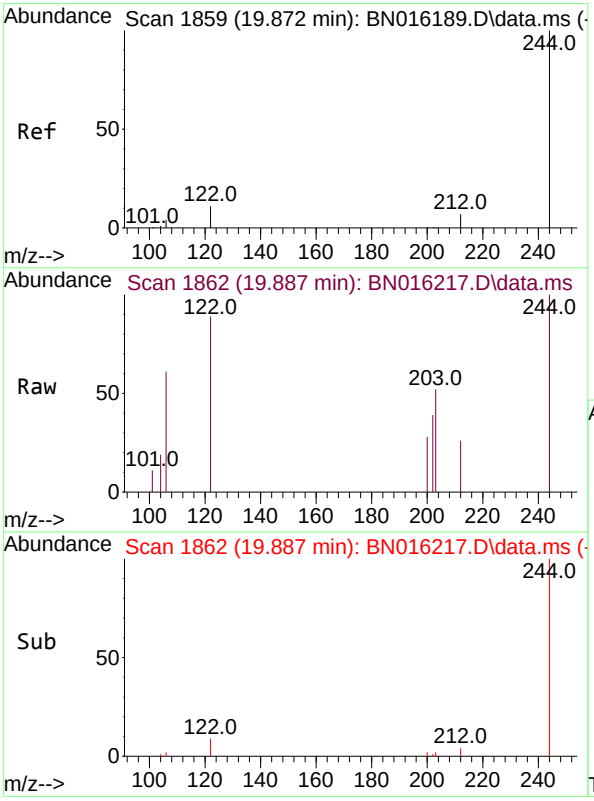
#30
Pyrene
Concen: 0.423 ng
RT: 19.688 min Scan# 1822
Delta R.T. 0.015 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:202 Resp: 155231

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.8	23.8
203	21.4	14.1	21.1#



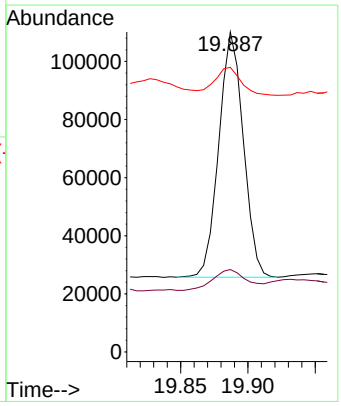
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

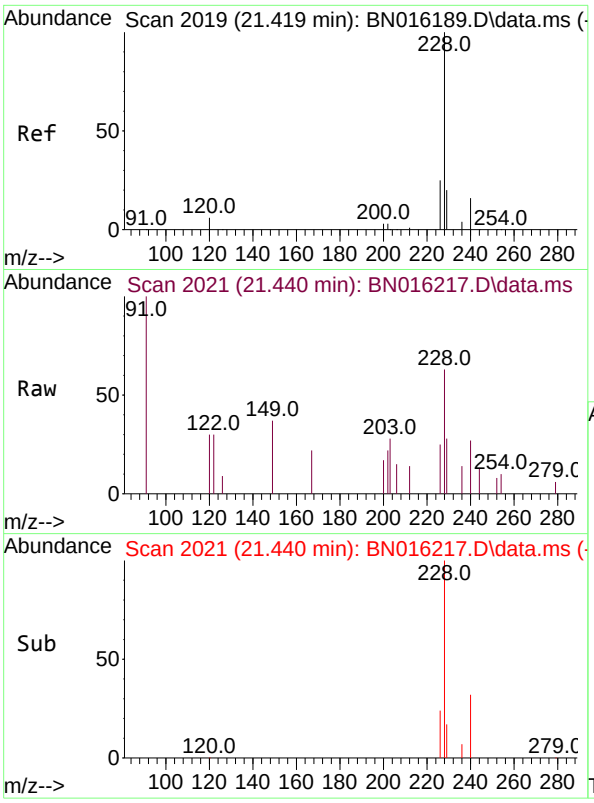


#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.887 min Scan# 1862
Delta R.T. 0.015 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:244 Resp: 106739

Ion	Ratio	Lower	Upper
244	100		
212	25.8	5.5	8.3#
122	88.9	9.0	13.4#

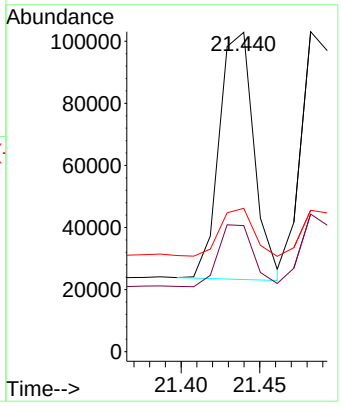




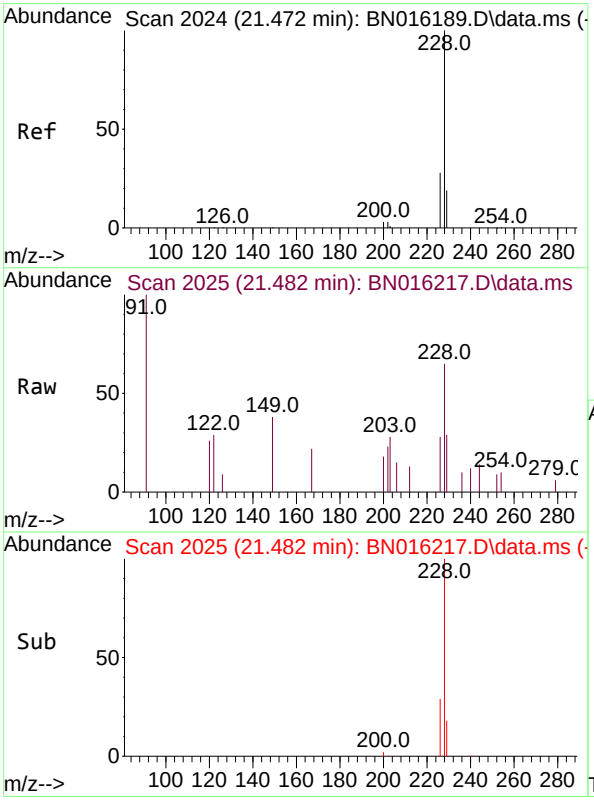
#32
Benzo(a)anthracene
Concen: 0.323 ng
RT: 21.440 min Scan# 2021
Delta R.T. 0.021 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:228 Resp: 122239

Ion	Ratio	Lower	Upper
228	100		
226	39.5	20.5	30.7#
229	44.9	16.2	24.4#



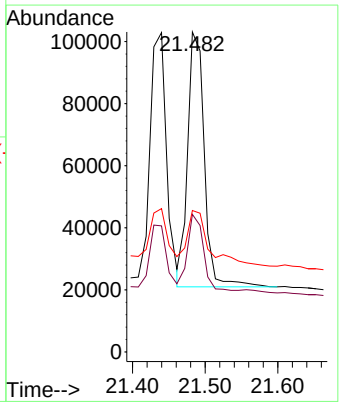
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



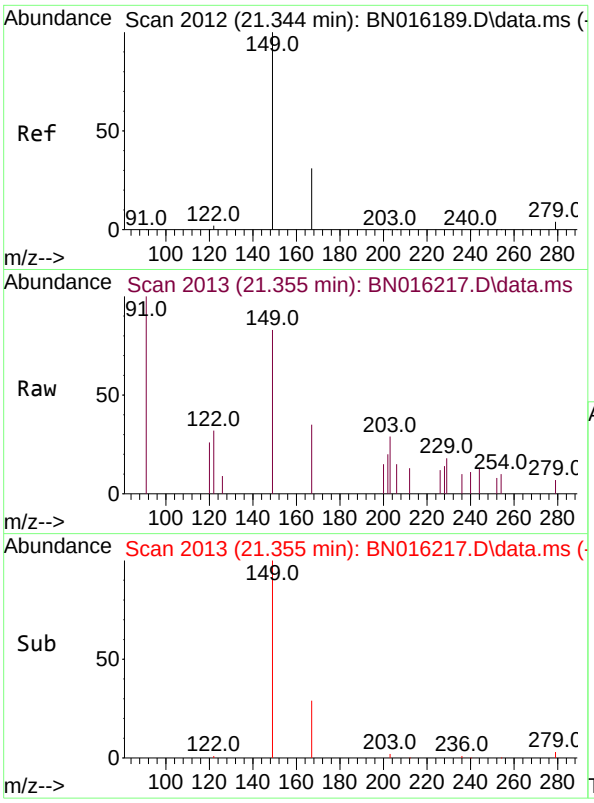
#33
Chrysene
Concen: 0.358 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.011 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:228 Resp: 131407

Ion	Ratio	Lower	Upper
228	100		
226	43.0	22.5	33.7#
229	44.2	16.0	24.0#



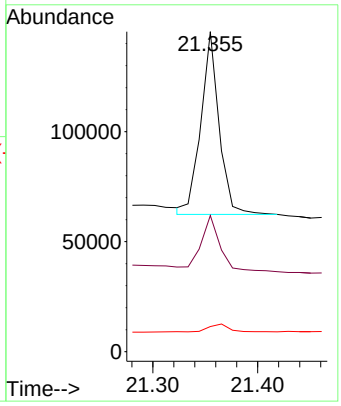
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

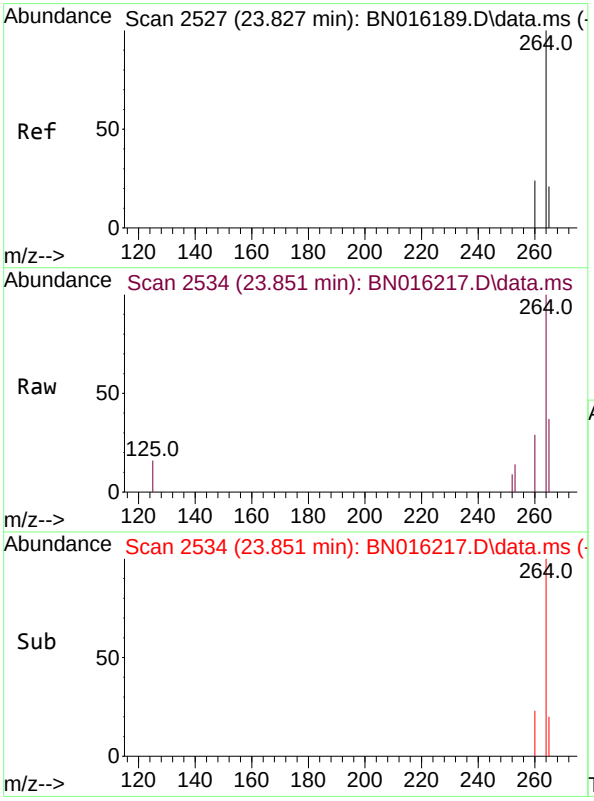


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.011 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:149 Resp: 100011

Ion	Ratio	Lower	Upper
149	100		
167	32.6	24.2	36.4
279	5.4	4.0	6.0

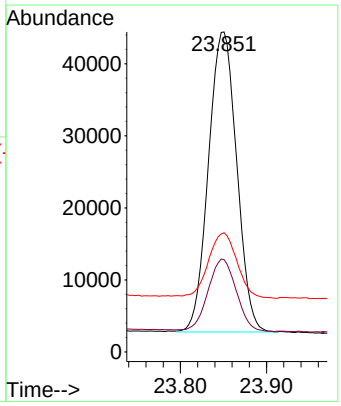




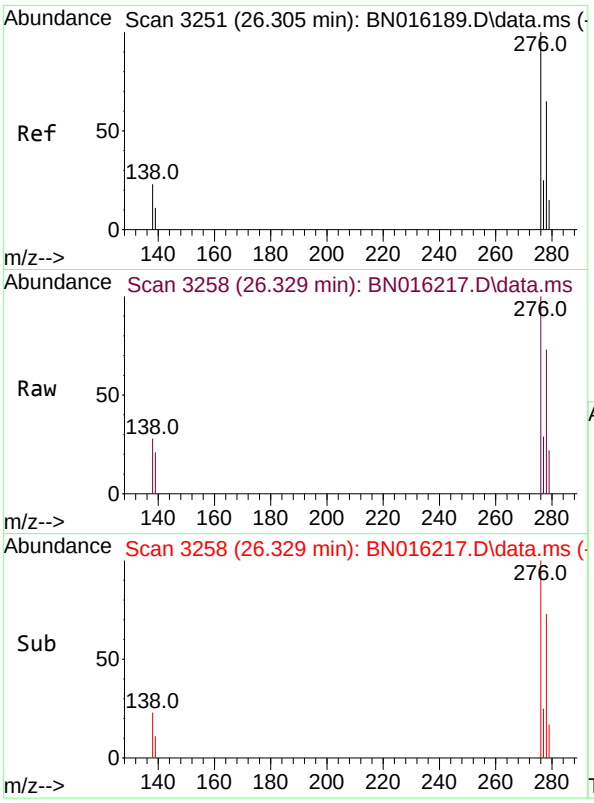
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.851 min Scan# 2534
Delta R.T. 0.024 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:264 Resp: 94956

Ion	Ratio	Lower	Upper
264	100		
260	28.8	19.5	29.3
265	37.3	20.2	30.2#



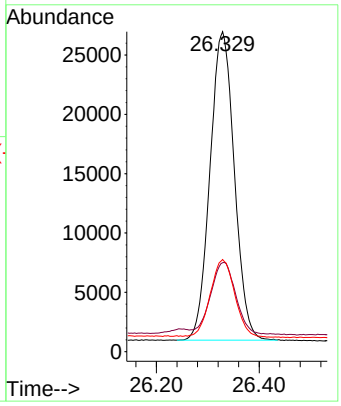
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

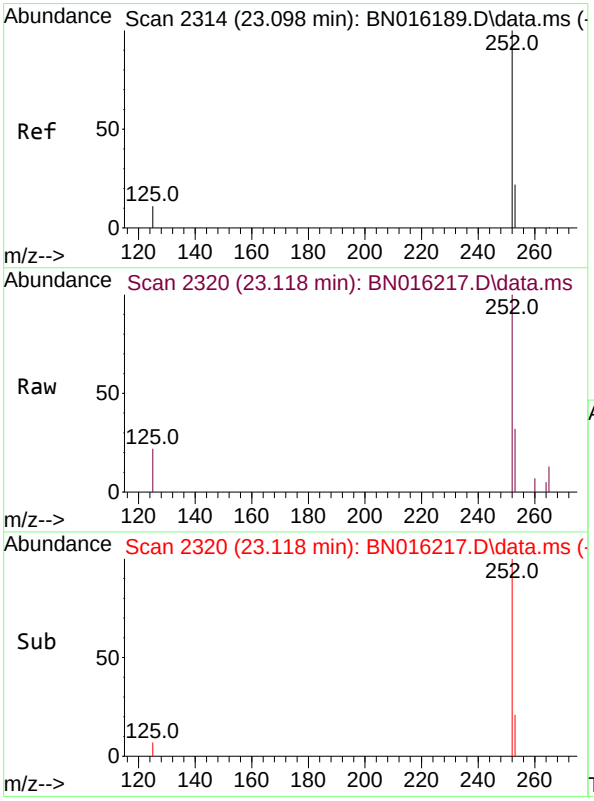


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng
RT: 26.329 min Scan# 3258
Delta R.T. 0.024 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:276 Resp: 85459

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.5	29.3
277	25.4	20.2	30.4

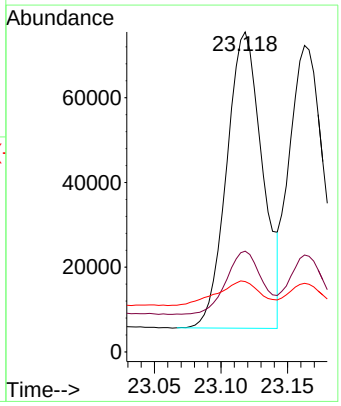


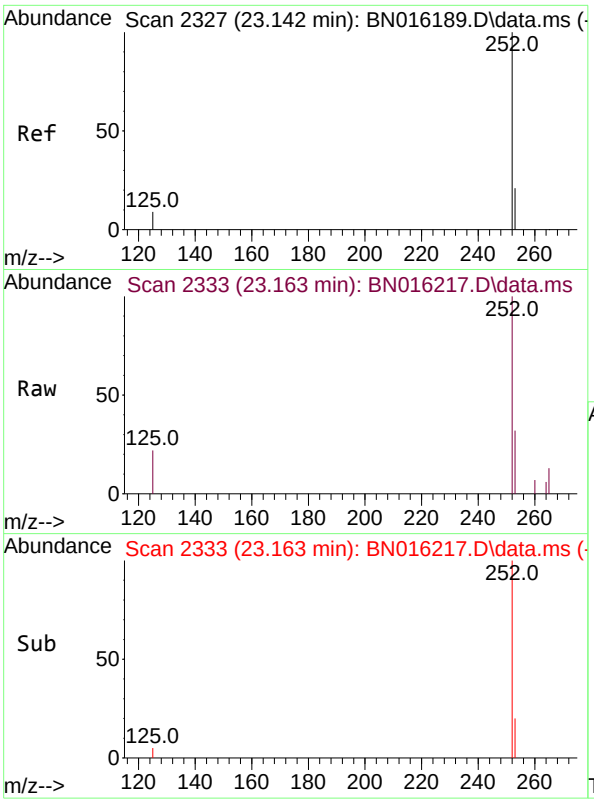


#37
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.118 min Scan# 2320
Delta R.T. 0.021 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:252 Resp: 130949

Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.6	27.8#
125	22.0	10.5	15.7#

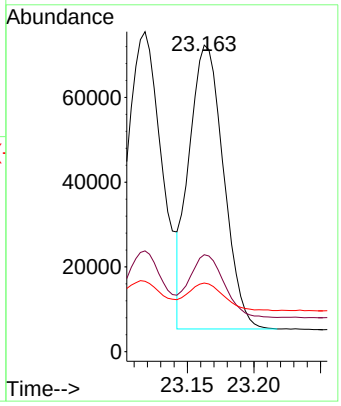




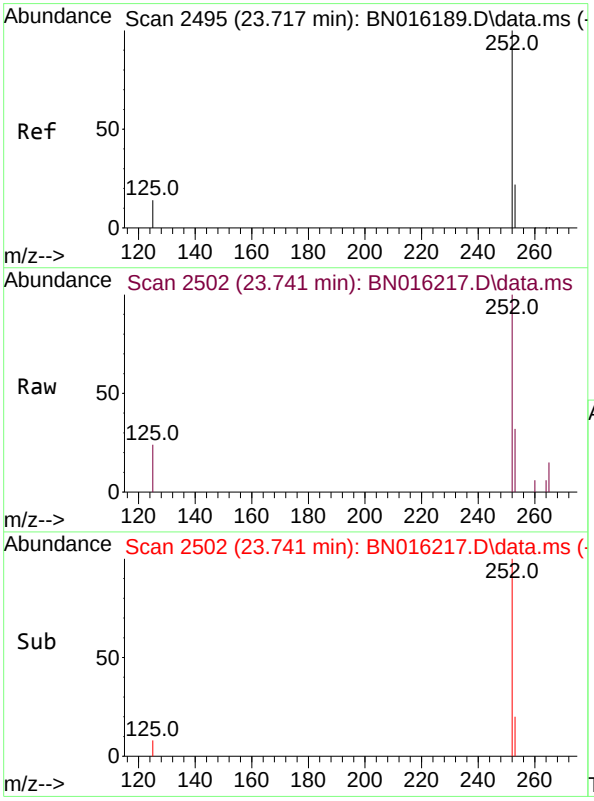
#38
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 23.163 min Scan# 2333
Delta R.T. 0.021 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:252 Resp: 120721

Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.2	27.2#
125	22.4	9.1	13.7#



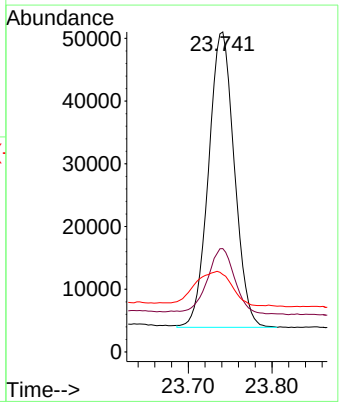
Instrument :
BNA_N
ClientSampleId :
VE4-11MS



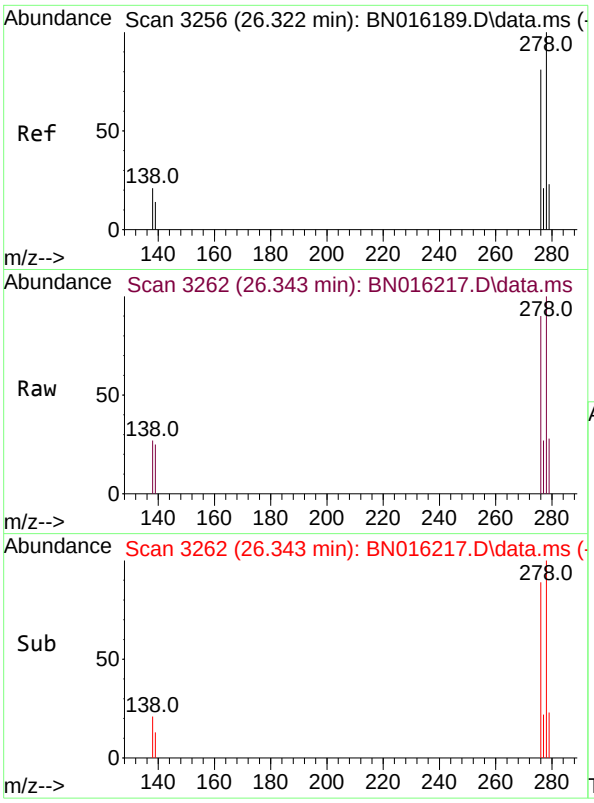
#39
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.741 min Scan# 2502
Delta R.T. 0.024 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:252 Resp: 100651

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.0	28.4#
125	24.2	12.6	19.0#



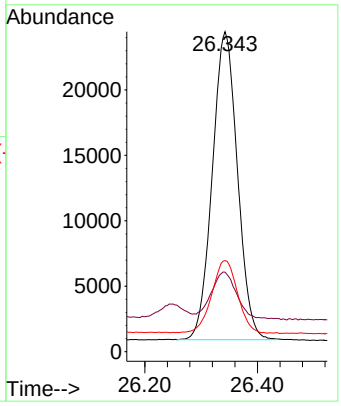
Instrument :
BNA_N
ClientSampleId :
VE4-11MS

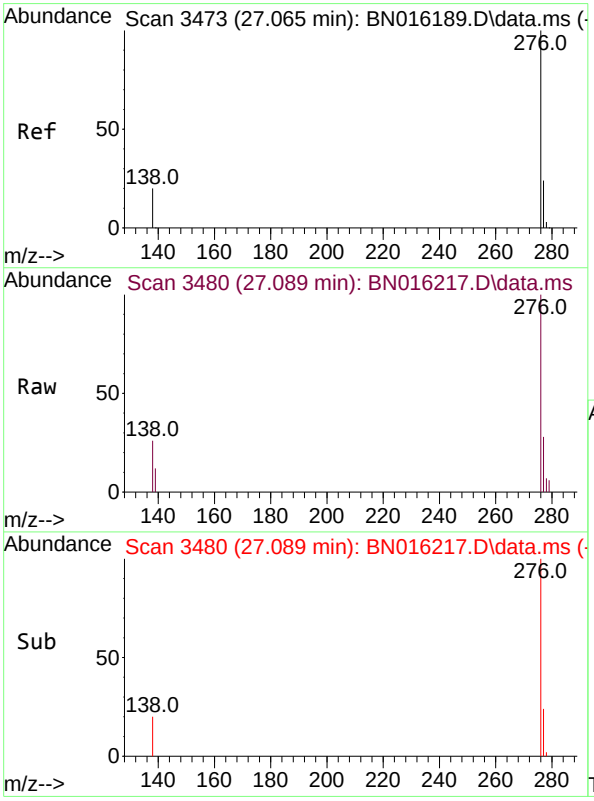


#40
Dibenzo(a,h)anthracene
Concen: 0.330 ng
RT: 26.343 min Scan# 3262
Delta R.T. 0.021 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:278 Resp: 72707

Ion	Ratio	Lower	Upper
278	100		
139	24.9	14.0	21.0#
279	28.5	20.2	30.2





#41
Benzo(g,h,i)perylene
Concen: 0.287 ng
RT: 27.089 min Scan# 3480
Delta R.T. 0.024 min
Lab File: BN016217.D
Acq: 05 Sep 2021 06:46

Tgt Ion:276 Resp: 63569

Ion	Ratio	Lower	Upper
276	100		
277	28.3	20.3	30.5
138	26.1	17.5	26.3