

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016061.D
 Acq On : 25 Aug 2021 16:47
 Operator : CG/JU
 Sample : SST0.202
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2202

Quant Time: Aug 25 18:14:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 25 18:14:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

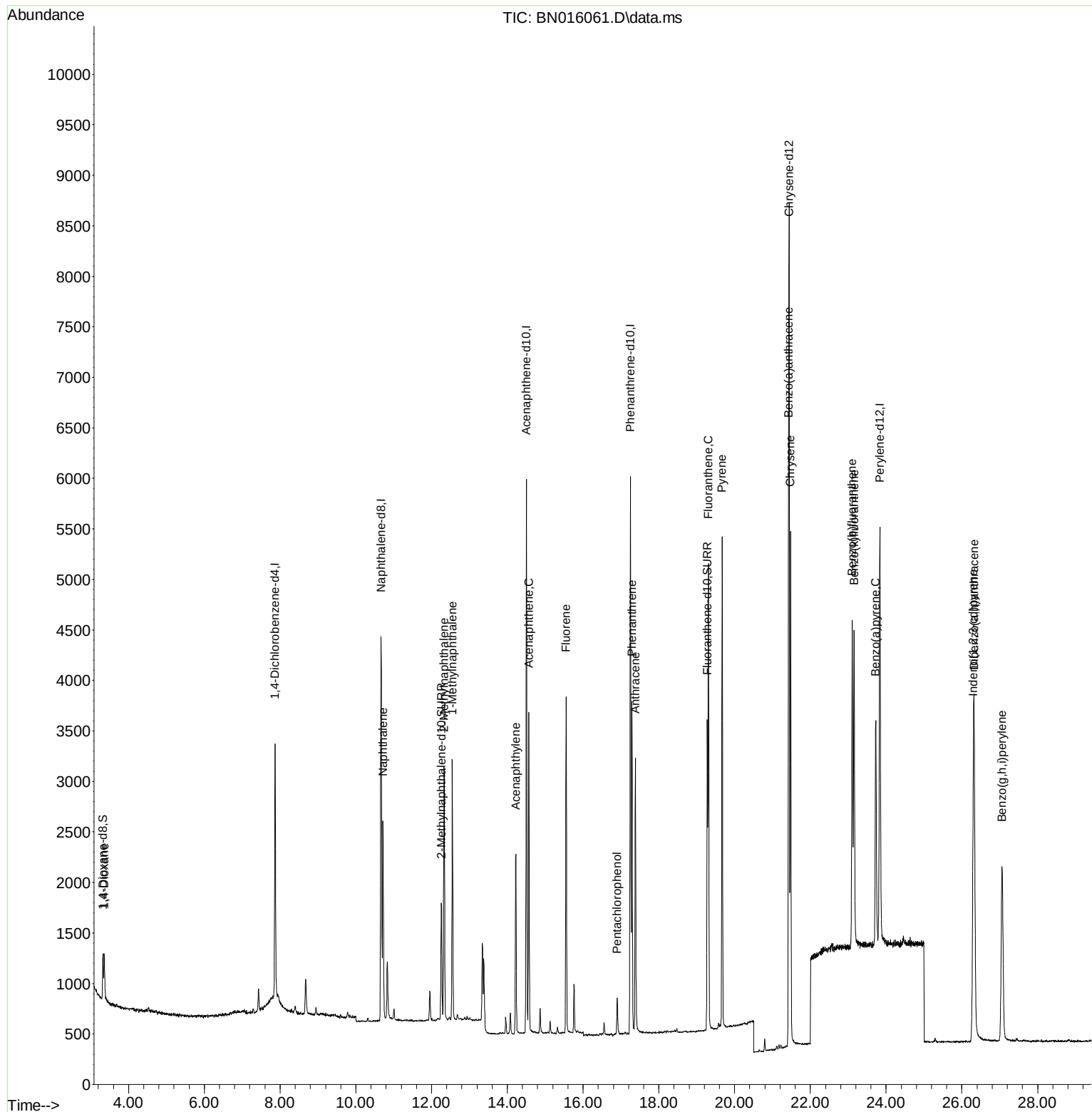
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1315	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	3163	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	6880	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	6847	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	6106	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	384	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1642	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	3732	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	428	0.267	ng/ul#	88
5) Naphthalene	10.716	128	2816	0.162	ng/ul	97
7) 2-Methylnaphthalene	12.333	142	1855	0.163	ng/ul	96
8) 1-Methylnaphthalene	12.547	142	1840	0.168	ng/ul	98
10) Acenaphthylene	14.225	152	2205	0.135	ng/ul	99
11) Acenaphthene	14.567	153	1900	0.152	ng/ul	99
12) Fluorene	15.553	166	2219	0.160	ng/ul	96
14) Pentachlorophenol	16.901	266	286	0.188	ng/ul	98
15) Phenanthrene	17.289	178	3768	0.151	ng/ul	97
16) Anthracene	17.382	178	3195	0.145	ng/ul	99
19) Fluoranthene	19.309	202	4229	0.134	ng/ul	98
20) Pyrene	19.672	202	4330	0.136	ng/ul	99
21) Benzo(a)anthracene	21.424	228	4215	0.166	ng/ul	97
22) Chrysene	21.476	228	4617	0.152	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	4455	0.156	ng/ul	90
25) Benzo(k)fluoranthene	23.154	252	4474	0.139	ng/ul#	92
26) Benzo(a)pyrene	23.727	252	3757	0.157	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.303	276	5013	0.173	ng/ul	100
28) Dibenzo(a,h)anthracene	26.323	278	4264	0.188	ng/ul#	93
29) Benzo(g,h,i)perylene	27.061	276	4381	0.163	ng/ul	96

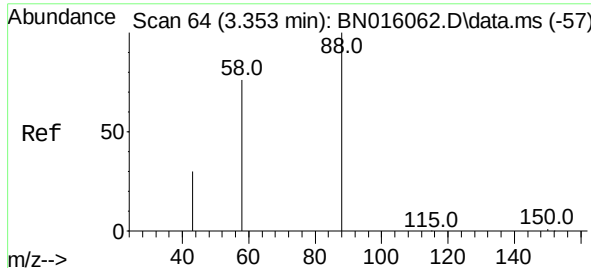
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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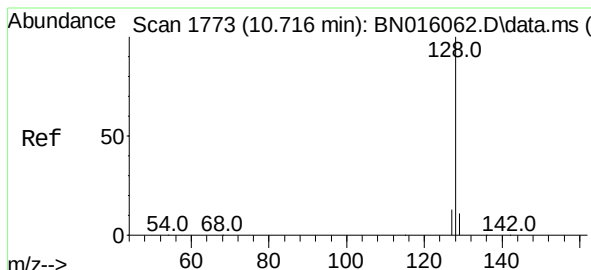
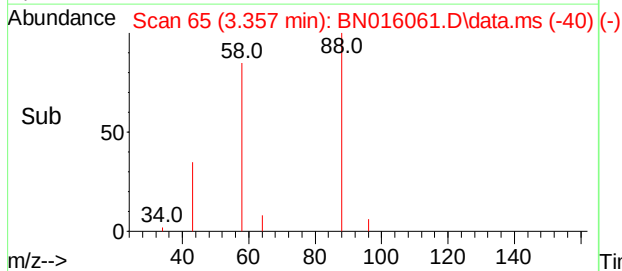
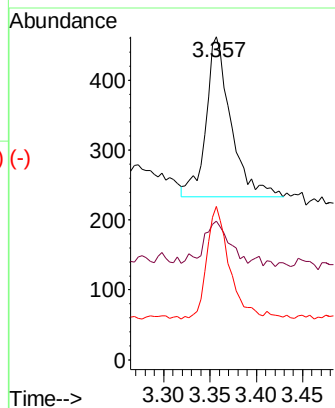
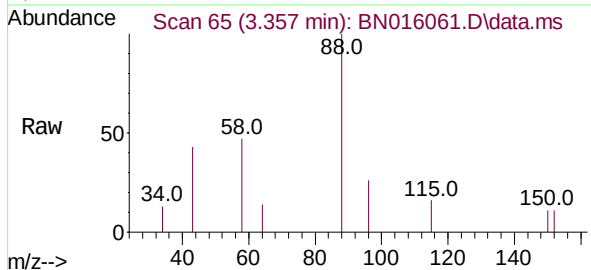




1,4-Dioxane
 Concen: 0.267 ng/ul
 RT: 3.357 min Scan# 65
 Delta R.T. 0.004 min
 Lab File: BN016061.D
 Acq: 25 Aug 2021 16:47

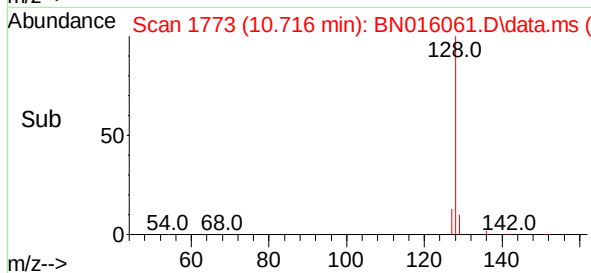
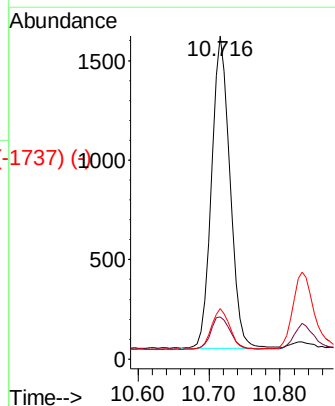
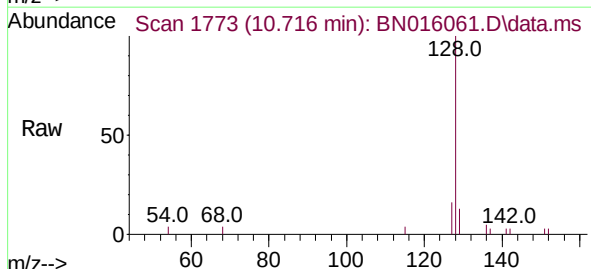
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2202

Tgt Ion:	88	Resp:	428
Ion	Ratio	Lower	Upper
88	100		
43	42.9	33.6	50.4
58	47.4	49.4	74.2#



Naphthalene
 Concen: 0.162 ng/ul
 RT: 10.716 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: BN016061.D
 Acq: 25 Aug 2021 16:47

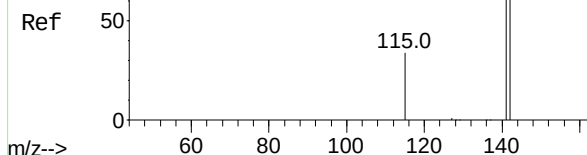
Tgt Ion:	128	Resp:	2816
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.7	14.5
127	15.6	11.1	16.7



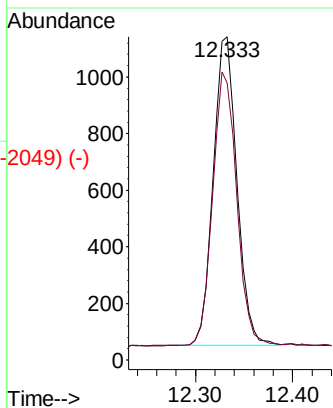
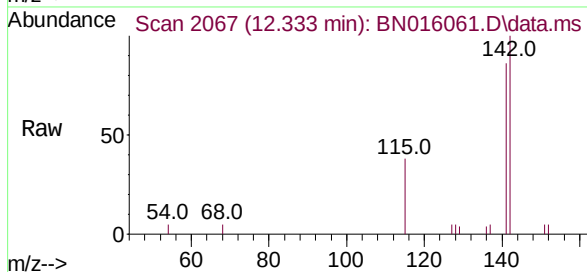
Abundance Scan 2067 (12.333 min): BN016062.D\data.ms (-2058) (-)

2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

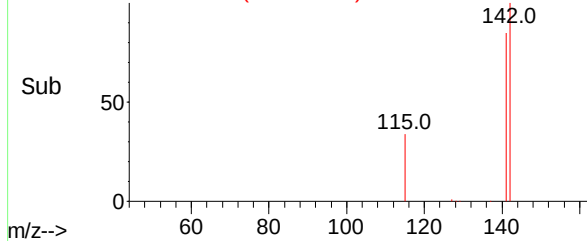
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202



Tgt Ion:142 Resp: 1855
Ion Ratio Lower Upper
142 100
141 90.9 69.8 104.6



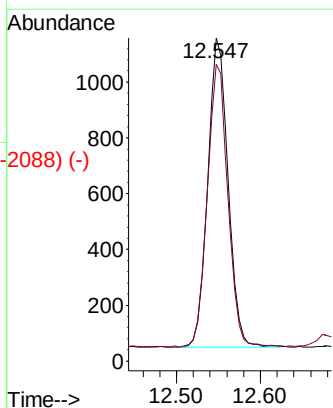
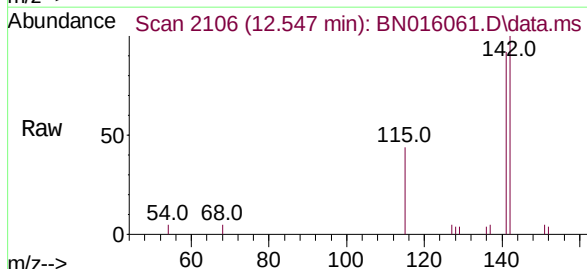
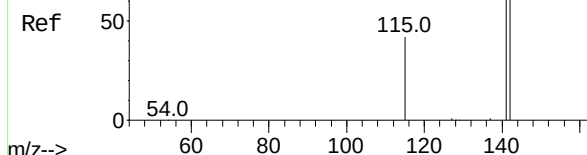
Abundance Scan 2067 (12.333 min): BN016061.D\data.ms (-2049) (-)



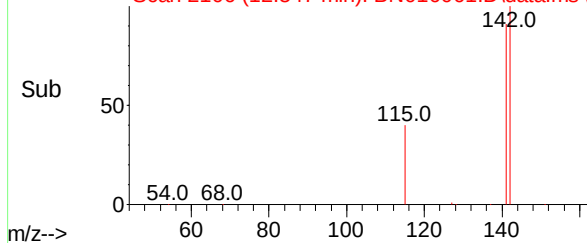
Abundance Scan 2106 (12.547 min): BN016062.D\data.ms (-2094) (-)

1-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

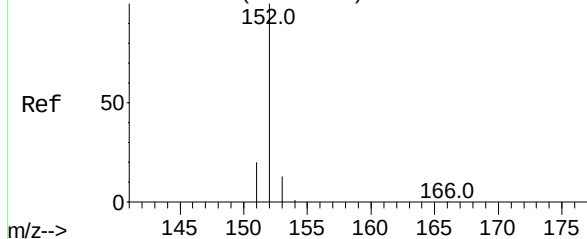
Tgt Ion:142 Resp: 1840
Ion Ratio Lower Upper
142 100
141 92.6 72.8 109.2



Abundance Scan 2106 (12.547 min): BN016061.D\data.ms (-2088) (-)



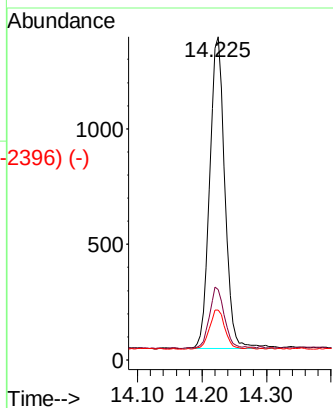
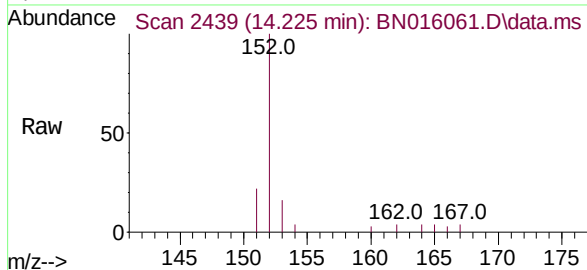
Abundance Scan 2439 (14.224 min): BN016062.D\data.ms (-2439) (-)



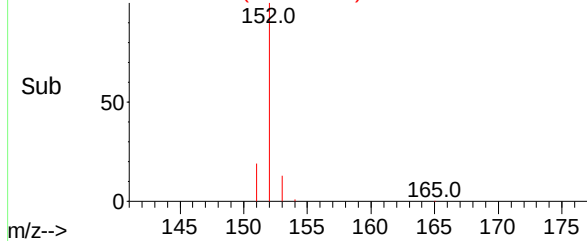
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.225 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

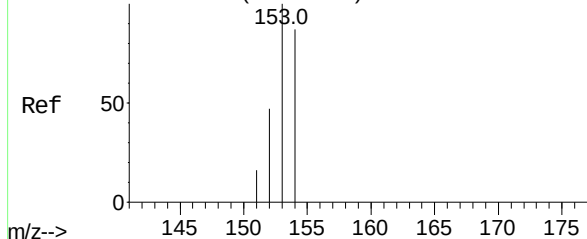
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6
153	15.5	11.8	17.6



Abundance Scan 2439 (14.225 min): BN016061.D\data.ms (-2396) (-)

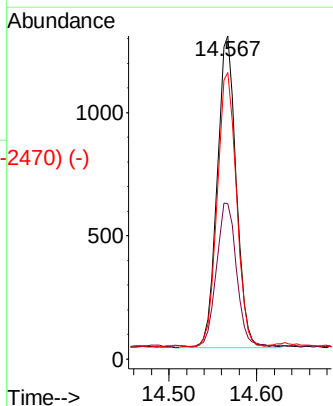
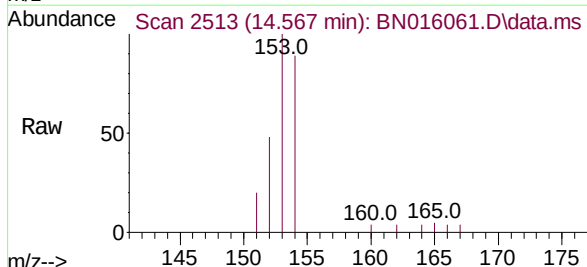


Abundance Scan 2513 (14.566 min): BN016062.D\data.ms (-2513) (-)

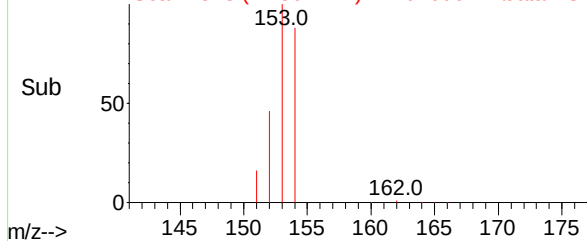


Acenaphthene
Concen: 0.152 ng/ul
RT: 14.567 min Scan# 2513
Delta R.T. 0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.3	57.5
154	88.6	70.2	105.2



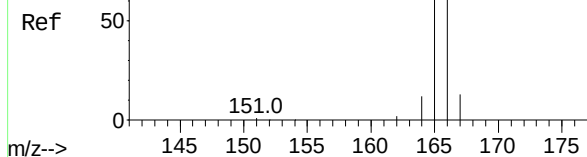
Abundance Scan 2513 (14.567 min): BN016061.D\data.ms (-2470) (-)



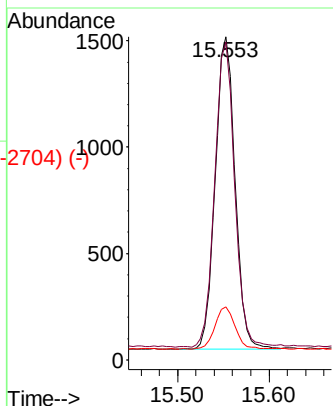
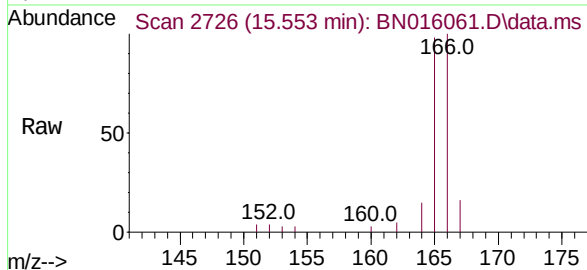
Abundance Scan 2726 (15.552 min): BN016062.D\data.ms (-2712) (-)

Fluorene
Concen: 0.160 ng/ul
RT: 15.553 min Scan# 2726
Delta R.T. 0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

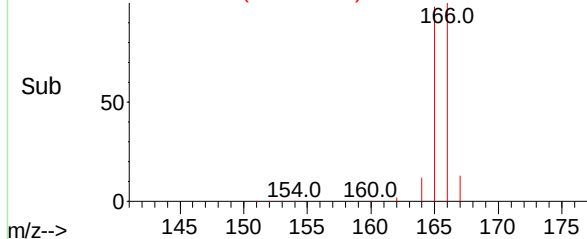
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202



Tgt Ion:	166	Resp:	2219
Ion Ratio	Lower	Upper	
166	100		
165	98.4	76.2	114.2
167	16.4	11.5	17.3

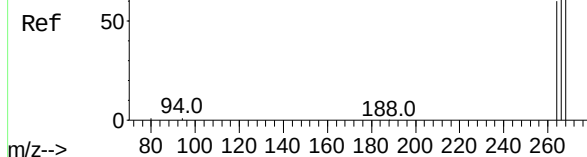


Abundance Scan 2726 (15.553 min): BN016061.D\data.ms (-2704) (-)

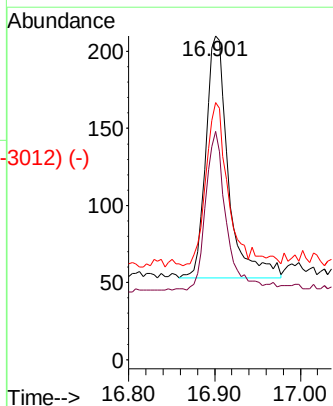
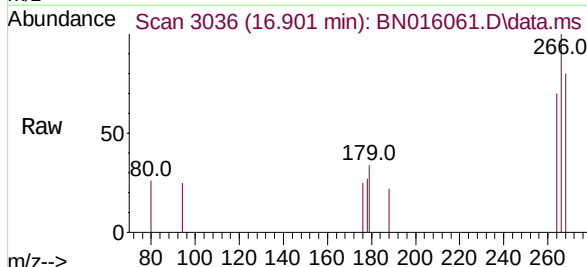


Abundance Scan 3036 (16.900 min): BN016062.D\data.ms (-3024) (-)

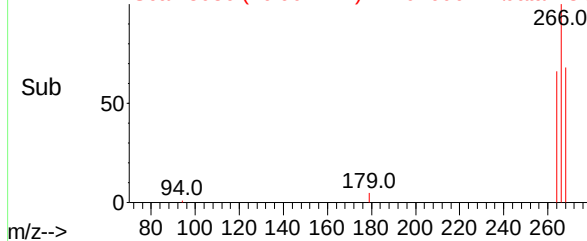
Pentachlorophenol
Concen: 0.188 ng/ul
RT: 16.901 min Scan# 3036
Delta R.T. 0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47



Tgt Ion:	266	Resp:	286
Ion Ratio	Lower	Upper	
266	100		
264	61.2	50.2	75.2
268	67.8	52.6	79.0



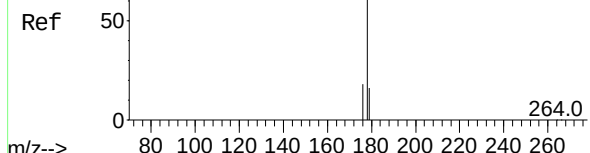
Abundance Scan 3036 (16.901 min): BN016061.D\data.ms (-3012) (-)



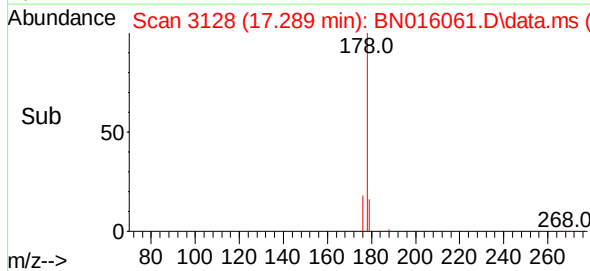
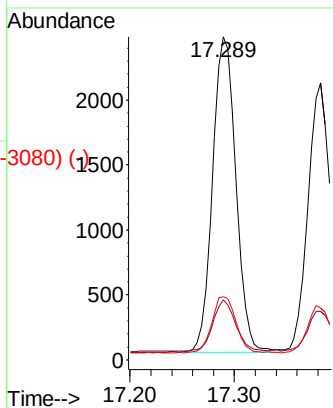
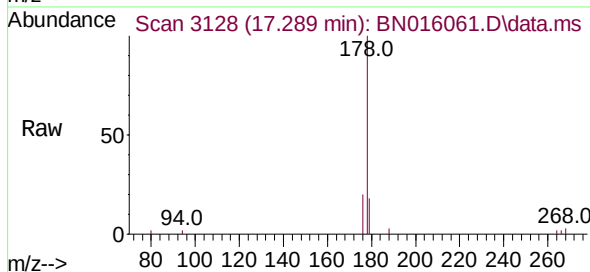
Abundance Scan 3128 (17.288 min): BN016062.D\data.ms (-3115) (-)

Phenanthrene
Concen: 0.151 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Instrument :
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ClientSampleId :
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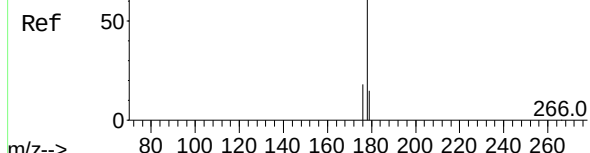


Tgt Ion:	178	Resp:	3768
Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.4	20.2
176	19.6	15.0	22.4

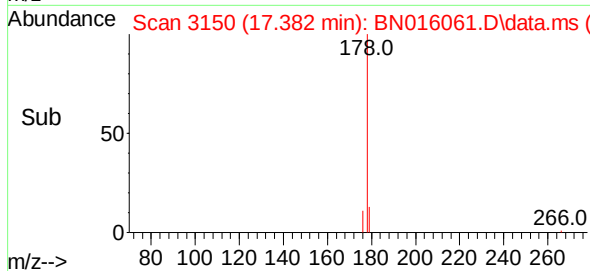
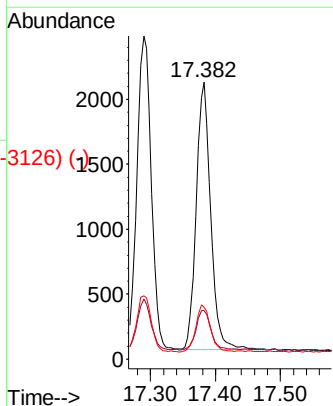
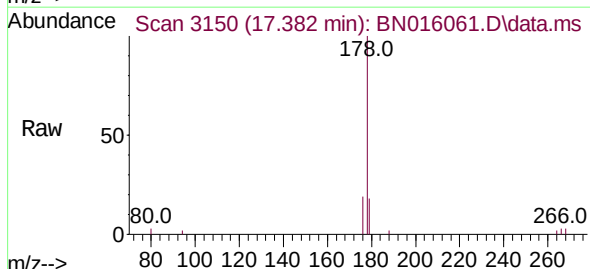


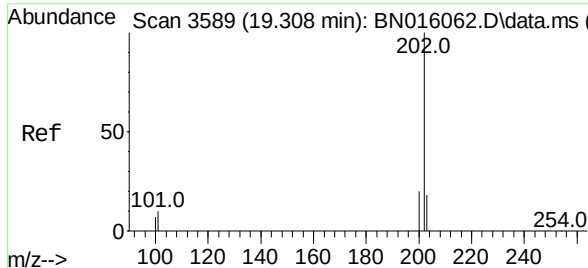
Abundance Scan 3150 (17.381 min): BN016062.D\data.ms (-3116) (-)

Anthracene
Concen: 0.145 ng/ul
RT: 17.382 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47



Tgt Ion:	178	Resp:	3195
Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.4	20.0
176	18.6	14.9	22.3

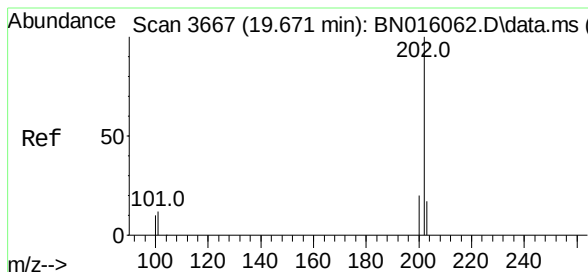
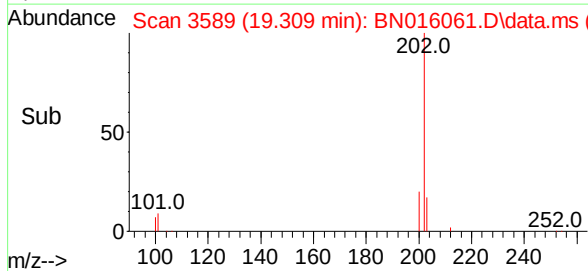
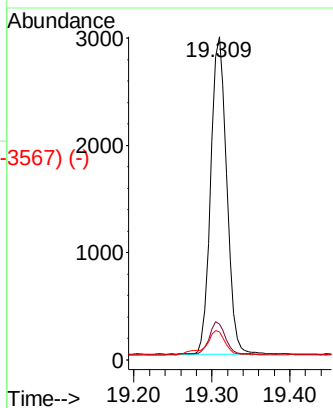
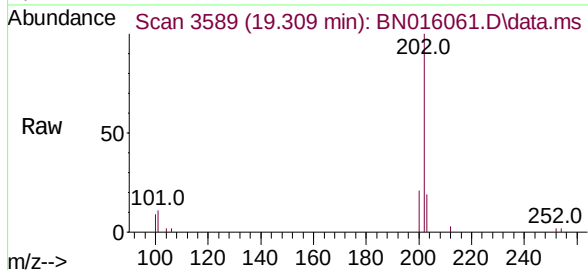




Fluoranthene
 Concen: 0.134 ng/ul
 RT: 19.309 min Scan# 3589
 Delta R.T. 0.001 min
 Lab File: BN016061.D
 Acq: 25 Aug 2021 16:47

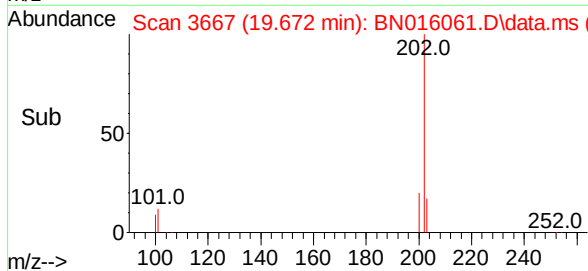
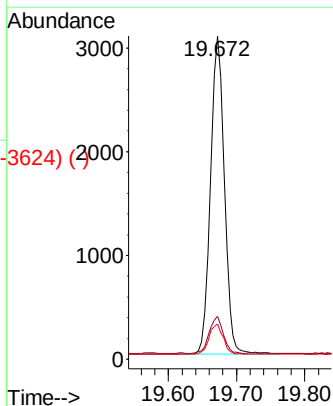
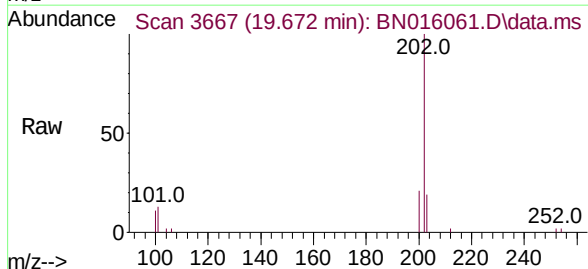
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Tgt Ion:	202	Resp:	4229
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.3	12.5
100	8.8	6.6	9.8



Pyrene
 Concen: 0.136 ng/ul
 RT: 19.672 min Scan# 3667
 Delta R.T. 0.001 min
 Lab File: BN016061.D
 Acq: 25 Aug 2021 16:47

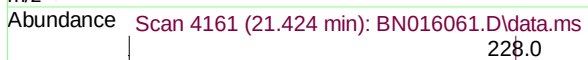
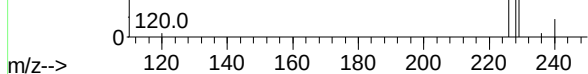
Tgt Ion:	202	Resp:	4330
Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.0	15.0
100	10.9	8.4	12.6



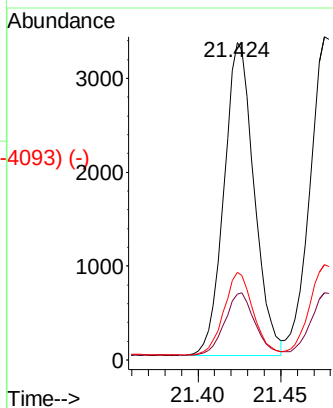
Abundance Scan 4161 (21.424 min): BN016062.D\data.ms (-4121) (-)

Benzo(a)anthracene
Concen: 0.166 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

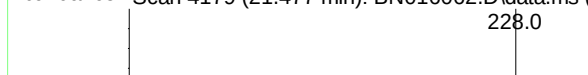


Tgt Ion:	228	Resp:	4215
Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	27.7	20.6	31.0

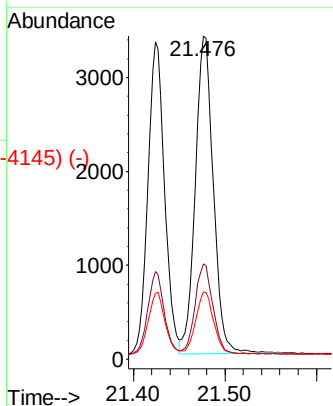


Abundance Scan 4179 (21.477 min): BN016062.D\data.ms (-4122) (-)

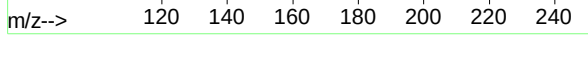
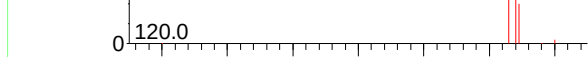
Chrysene
Concen: 0.152 ng/ul
RT: 21.476 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47



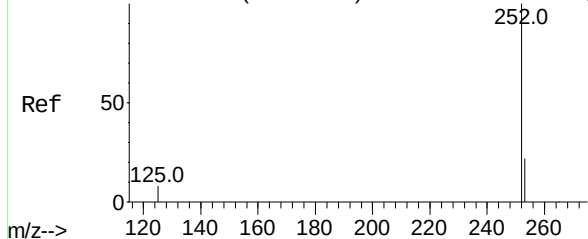
Tgt Ion:	228	Resp:	4617
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	20.8	16.4	24.6



Abundance Scan 4179 (21.476 min): BN016061.D\data.ms (-4145) (-)



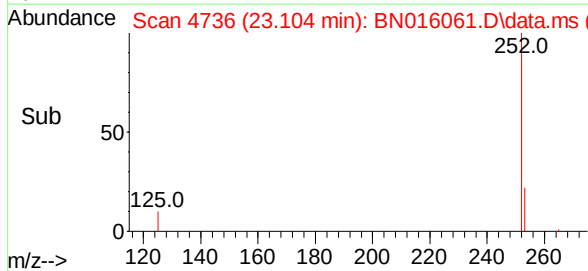
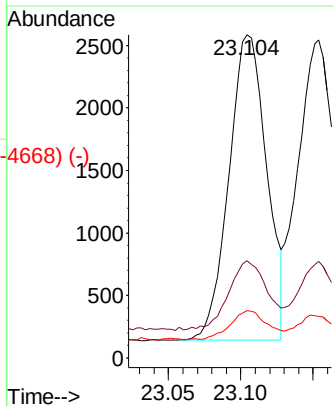
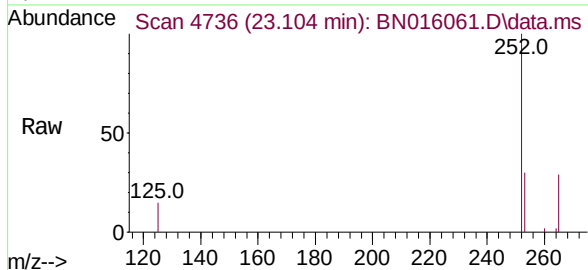
Abundance Scan 4736 (23.105 min): BN016062.D\data.ms (-4725) (-)



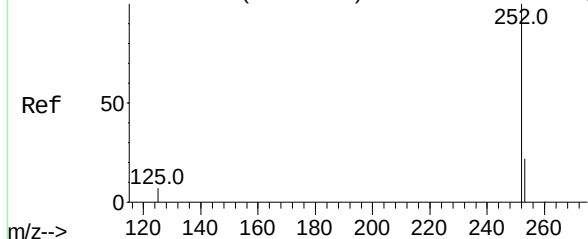
Benzo(b)fluoranthene
Concen: 0.156 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	50.6
125	14.7	0.0	21.6

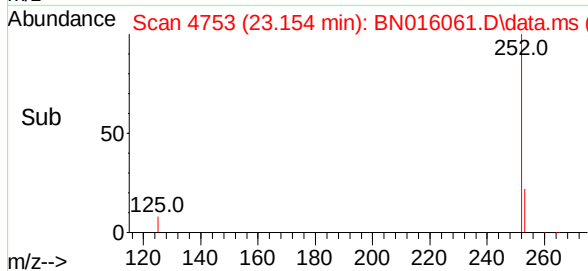
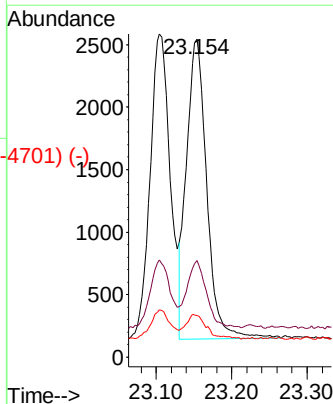
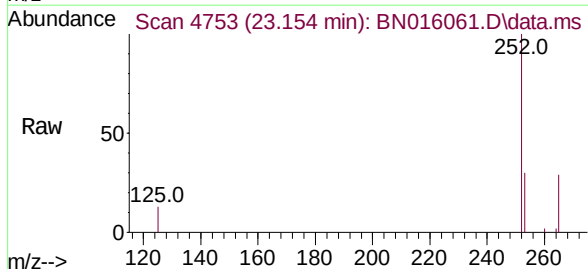


Abundance Scan 4752 (23.152 min): BN016062.D\data.ms (-4725) (-)



Benzo(k)fluoranthene
Concen: 0.139 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

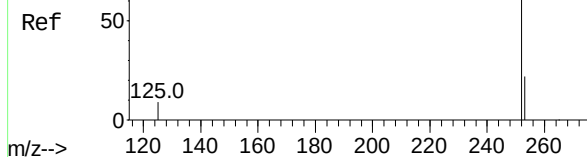
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	20.7	31.1
125	13.0	8.2	12.4#



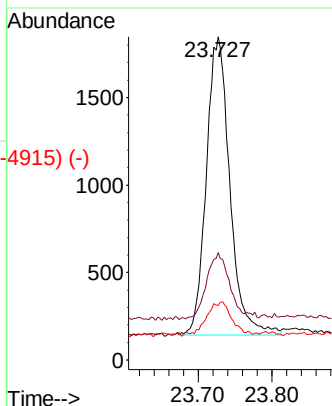
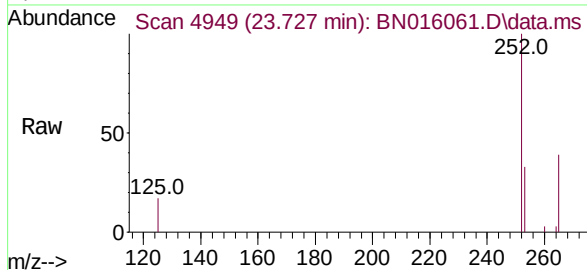
Abundance Scan 4949 (23.728 min): BN016062.D\data.ms (-4925) (-)

Benzo(a)pyrene
Concen: 0.157 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. -0.001 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

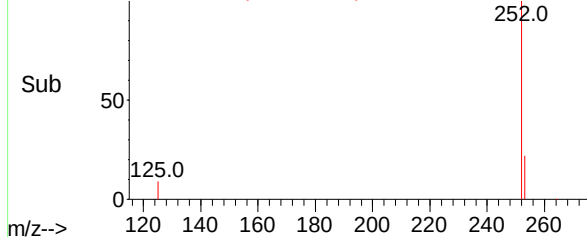
Instrument :
BNA_N
ClientSampleId :
SSTD0.2202



Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.2	22.1	33.1#
125	16.9	10.2	15.4#

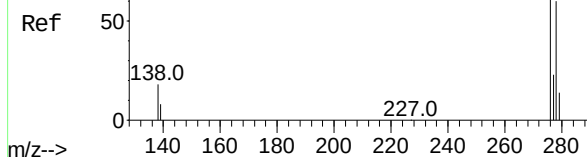


Abundance Scan 4949 (23.727 min): BN016061.D\data.ms (-4915) (-)

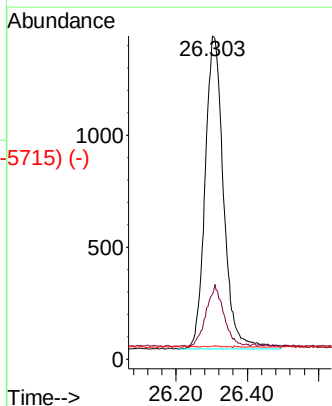
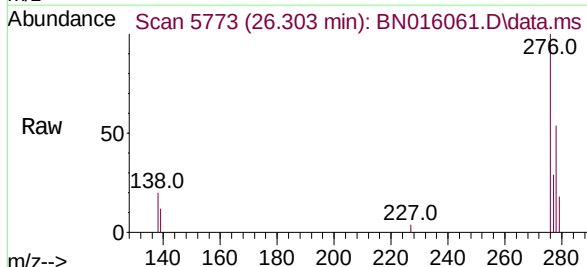


Abundance Scan 5774 (26.307 min): BN016062.D\data.ms (-5727) (-)

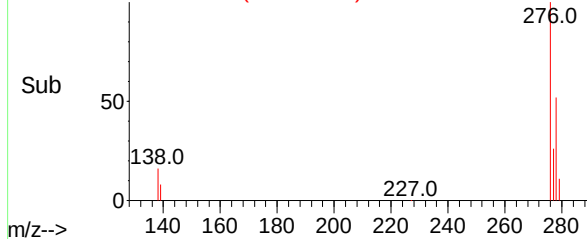
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 26.303 min Scan# 5773
Delta R.T. -0.004 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47



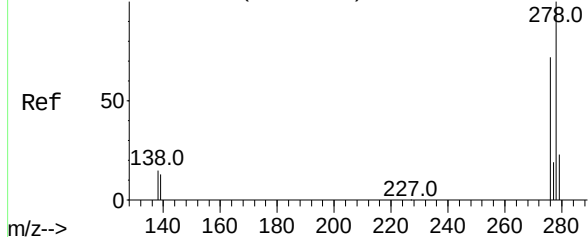
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.1	22.7
227	0.1	0.1	0.1



Abundance Scan 5773 (26.303 min): BN016061.D\data.ms (-5715) (-)



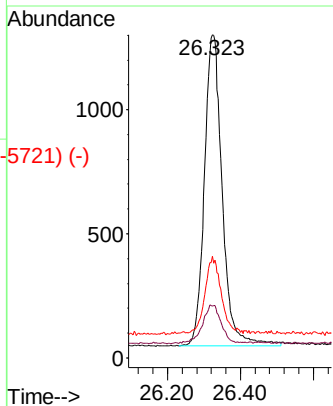
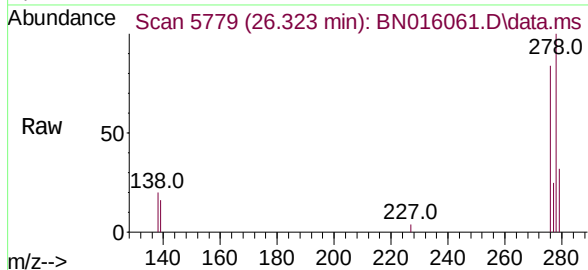
Abundance Scan 5780 (26.327 min): BN016062.D\data.ms (-5729) (-)



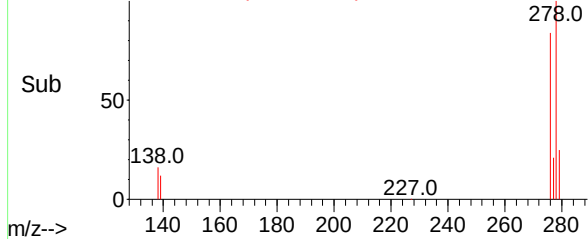
Dibenzo(a,h)anthracene
Concen: 0.188 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.2202

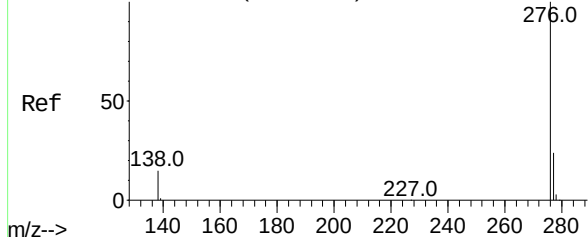
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.0	18.0
279	31.6	21.0	31.6#



Abundance Scan 5779 (26.323 min): BN016061.D\data.ms (-5721) (-)

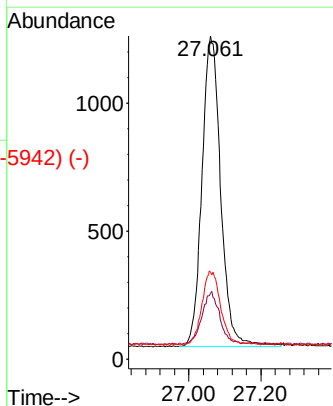
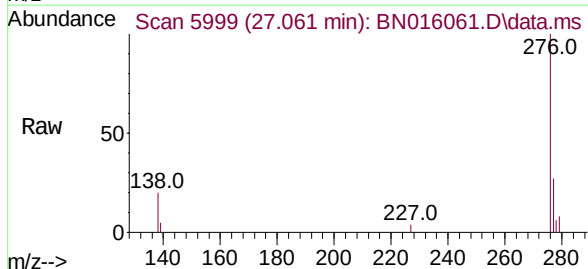


Abundance Scan 6001 (27.068 min): BN016062.D\data.ms (-5929) (-)



Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 27.061 min Scan# 5999
Delta R.T. -0.007 min
Lab File: BN016061.D
Acq: 25 Aug 2021 16:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	13.8	20.8
277	26.8	20.5	30.7



Abundance Scan 5999 (27.061 min): BN016061.D\data.ms (-5942) (-)

