

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016087.D
 Acq On : 27 Aug 2021 02:25
 Operator : CG/JU
 Sample : PB138654BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS654

Quant Time: Aug 27 03:31:39 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 : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

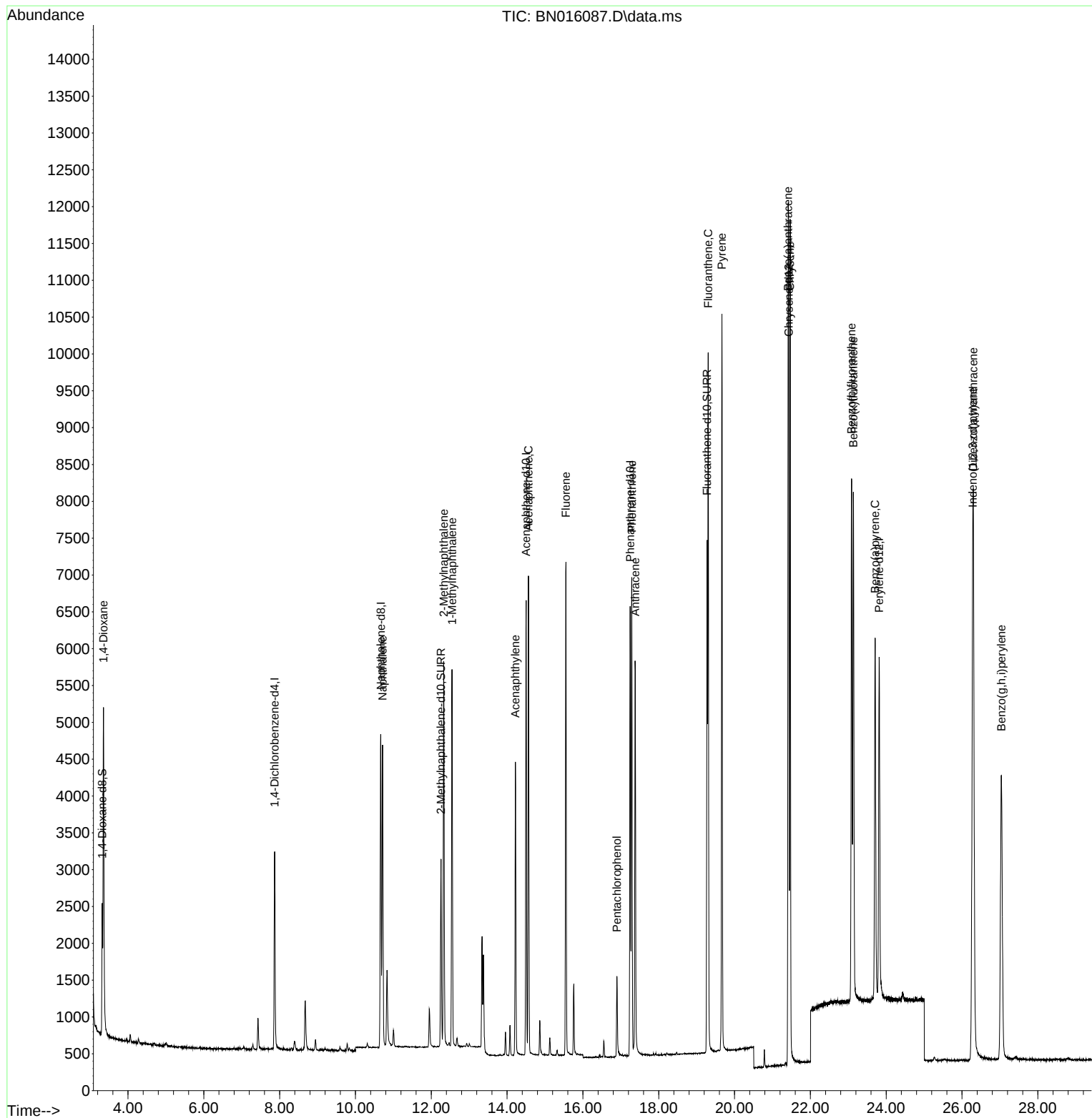
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6167	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	3581	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	7618	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	7615	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	6817	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1355	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3484	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	8085	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	3420	1.697	ng/ul#	87
5) Naphthalene	10.716	128	5941	0.373	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	3944	0.366	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	3704	0.351	ng/ul	99
10) Acenaphthylene	14.219	152	4711	0.373	ng/ul	100
11) Acenaphthene	14.562	153	3910	0.359	ng/ul	99
12) Fluorene	15.552	166	4472	0.346	ng/ul	98
14) Pentachlorophenol	16.896	266	853	0.535	ng/ul	98
15) Phenanthrene	17.288	178	7359	0.350	ng/ul	99
16) Anthracene	17.377	178	6464	0.356	ng/ul	99
19) Fluoranthene	19.304	202	8740	0.367	ng/ul	99
20) Pyrene	19.666	202	8865	0.370	ng/ul	99
21) Benzo(a)anthracene	21.413	228	9052	0.382	ng/ul	99
22) Chrysene	21.465	228	9971	0.391	ng/ul	99
24) Benzo(b)fluoranthene	23.084	252	10032	0.394	ng/ul	100
25) Benzo(k)fluoranthene	23.134	252	10166	0.397	ng/ul	99
26) Benzo(a)pyrene	23.707	252	8327	0.389	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.280	276	11195	0.395	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.300	278	9438	0.396	ng/ul	98
29) Benzo(g,h,i)perylene	27.034	276	9558	0.392	ng/ul	97

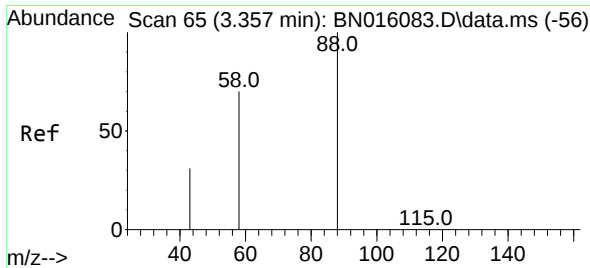
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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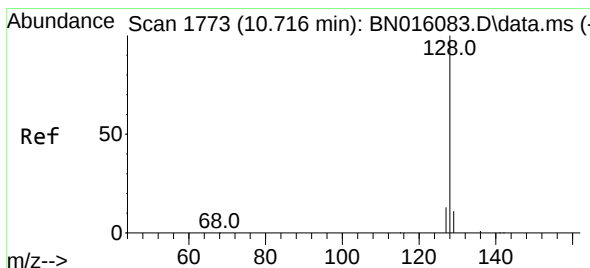
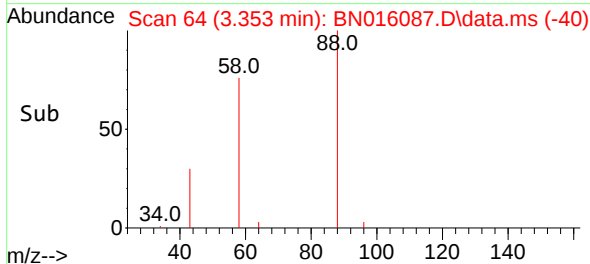
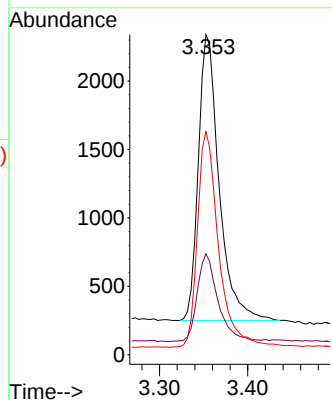
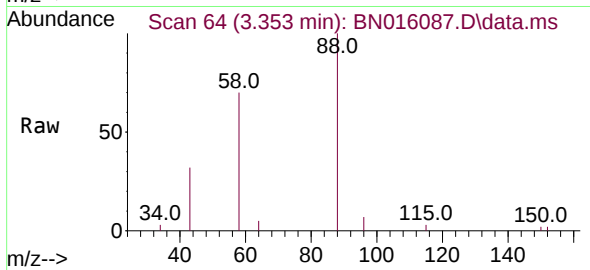




#2
1,4-Dioxane
Concen: 1.697 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

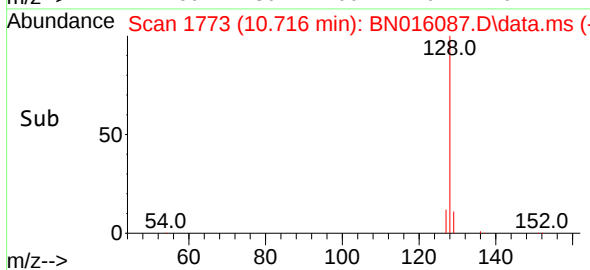
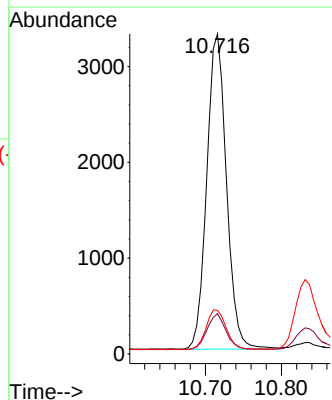
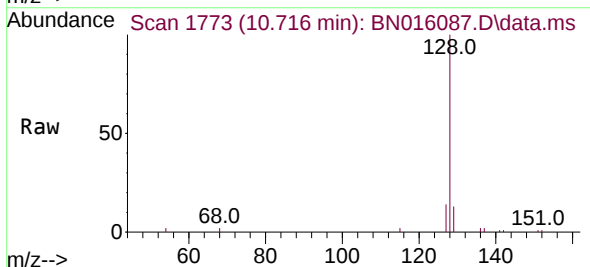
Instrument :
BNA_N
ClientSampleId :
SLCS654

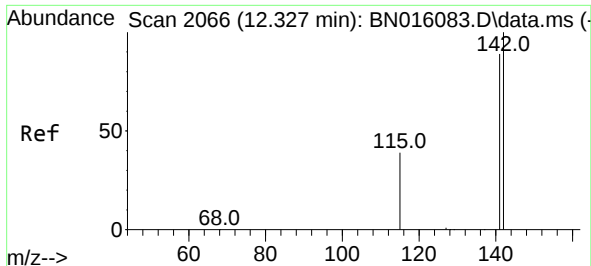
Tgt Ion: 88 Resp: 3420
Ion Ratio Lower Upper
88 100
43 31.5 33.6 50.4#
58 69.7 49.4 74.2



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion: 128 Resp: 5941
Ion Ratio Lower Upper
128 100
129 12.6 9.7 14.5
127 13.7 11.1 16.7

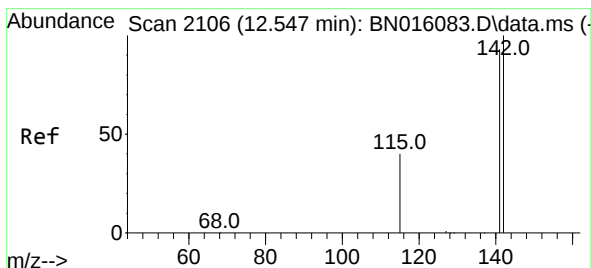
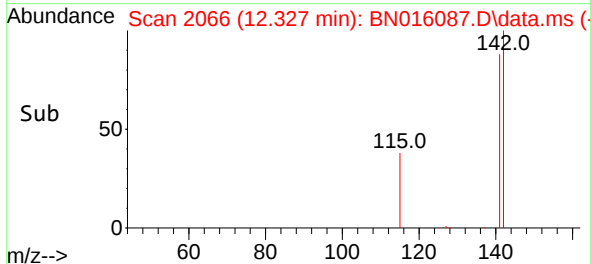
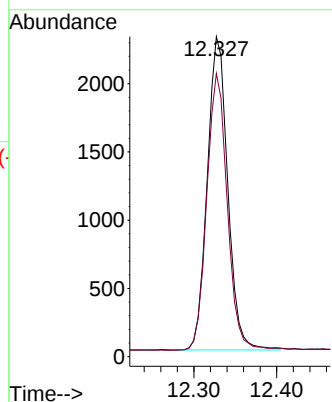
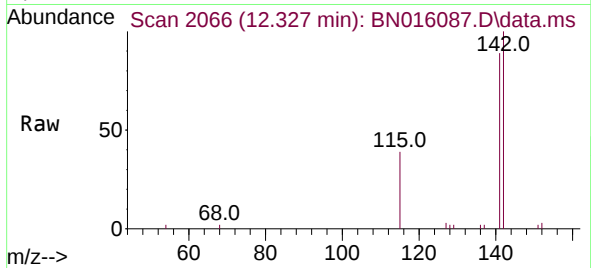




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

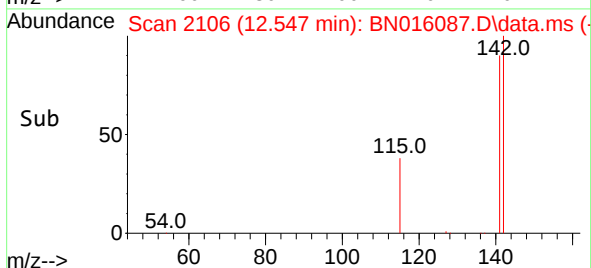
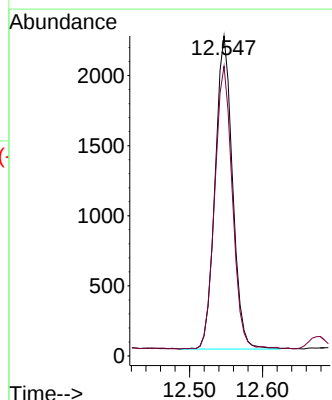
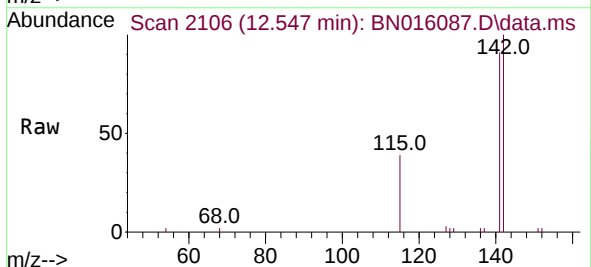
Instrument :
BNA_N
ClientSampled :
SLCS654

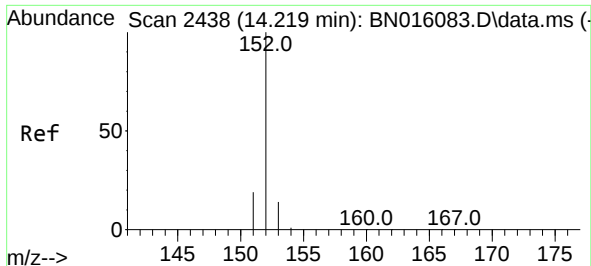
Tgt Ion:142 Resp: 3944
Ion Ratio Lower Upper
142 100
141 88.6 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:142 Resp: 3704
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2

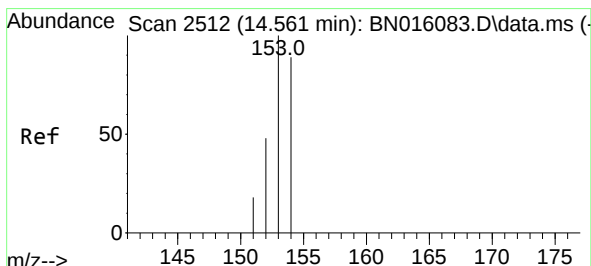
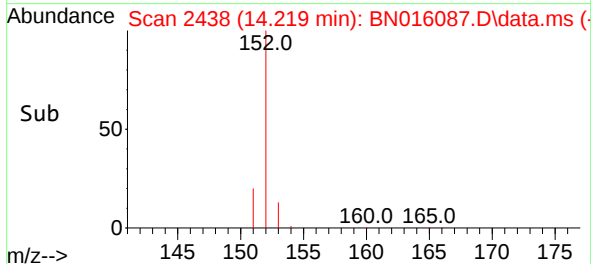
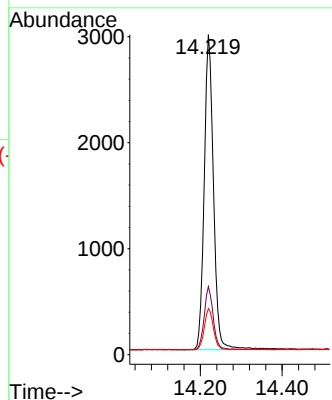
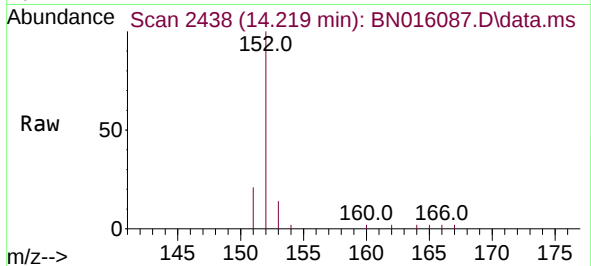




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

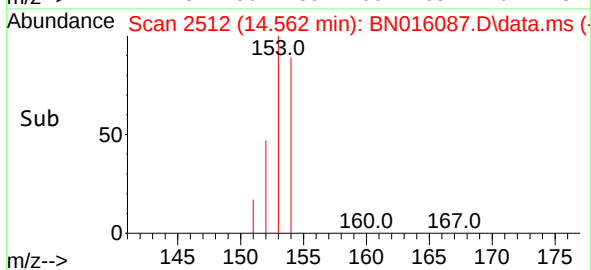
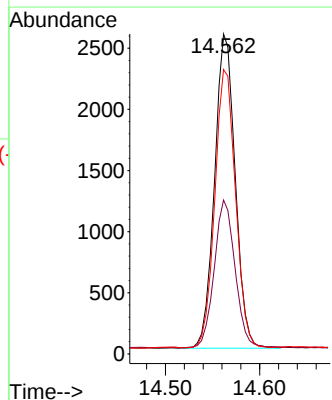
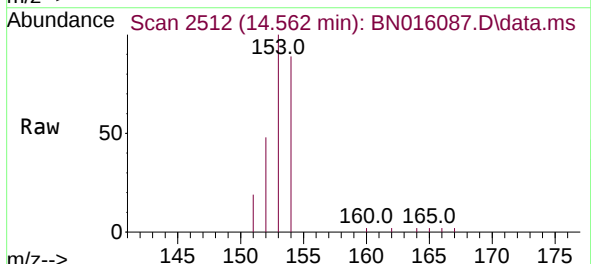
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ClientSampleId :
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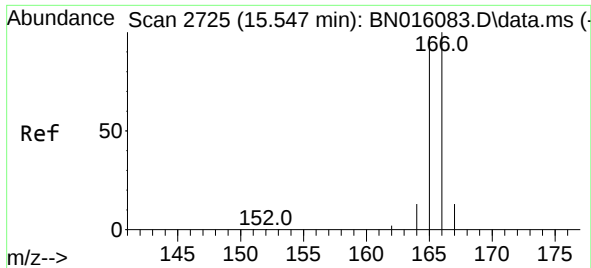
Tgt Ion:152	Resp:	4711
Ion Ratio	Lower	Upper
152	100	
151	21.2	17.0 25.6
153	14.4	11.8 17.6



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN016087.D
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Tgt Ion:153	Resp:	3910
Ion Ratio	Lower	Upper
153	100	
152	48.1	38.3 57.5
154	88.9	70.2 105.2

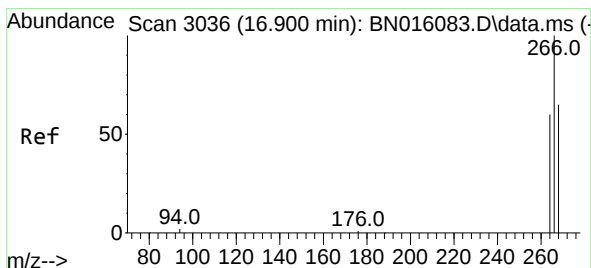
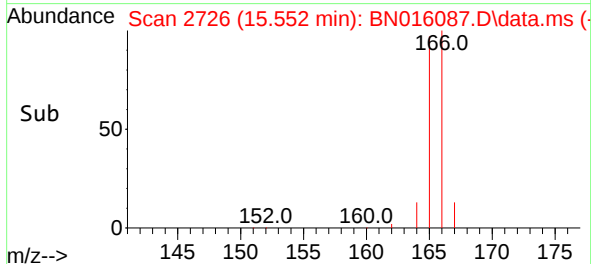
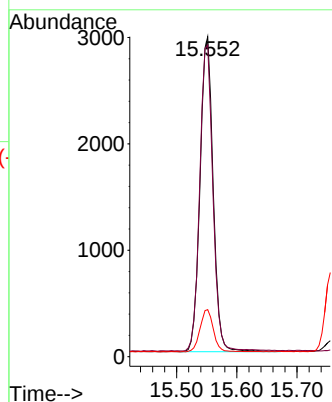
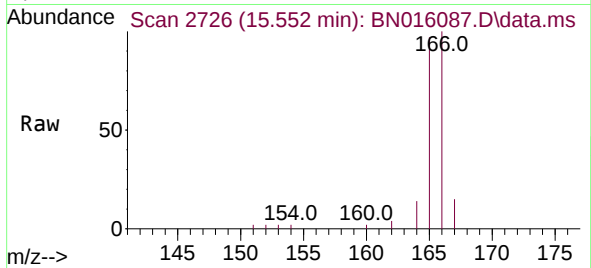




#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

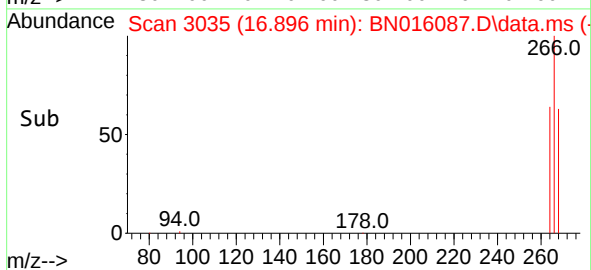
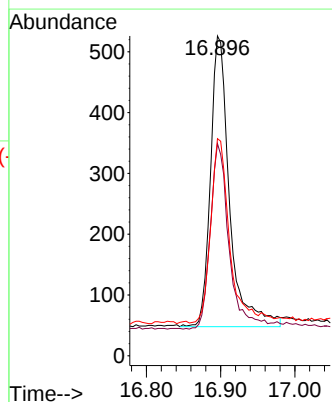
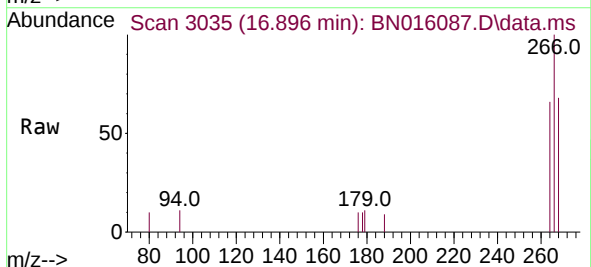
Instrument :
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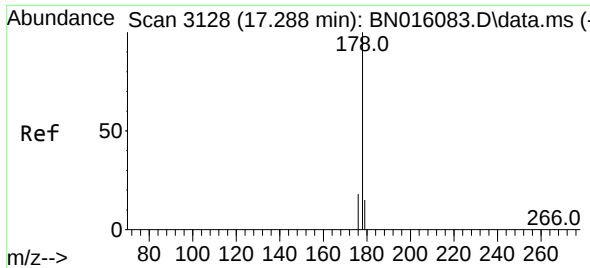
Tgt Ion:166 Resp: 4472
Ion Ratio Lower Upper
166 100
165 97.4 76.2 114.2
167 14.7 11.5 17.3



#14
Pentachlorophenol
Concen: 0.535 ng/ul
RT: 16.896 min Scan# 3035
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:266 Resp: 853
Ion Ratio Lower Upper
266 100
264 63.8 50.2 75.2
268 63.2 52.6 79.0

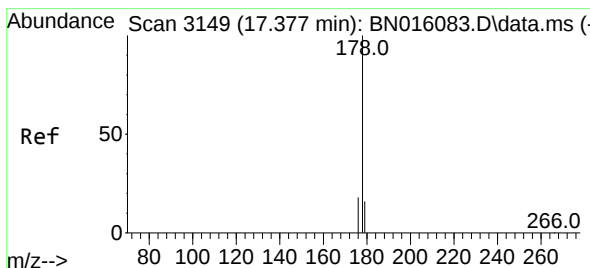
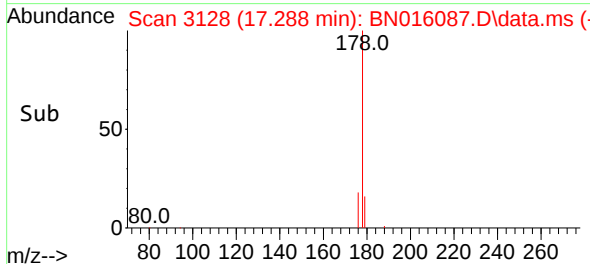
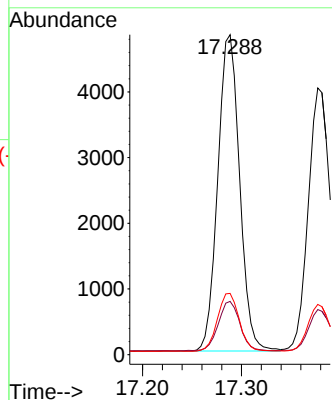
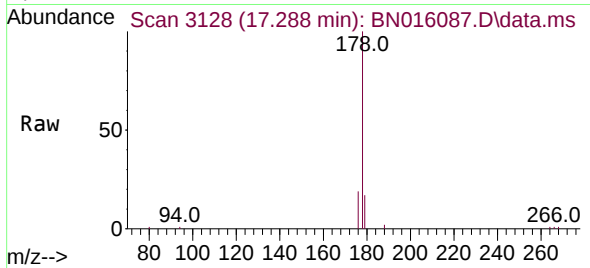




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

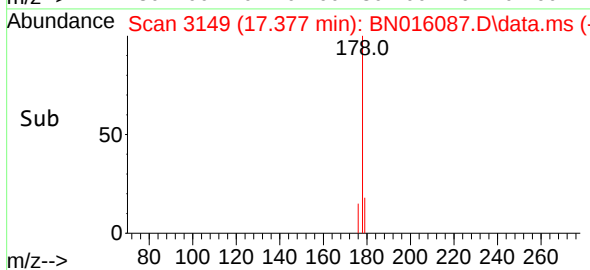
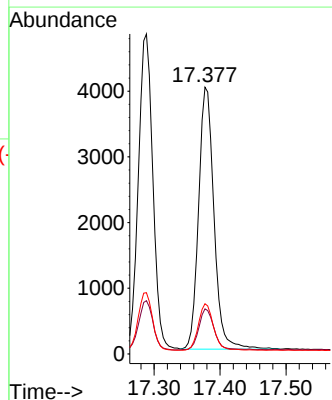
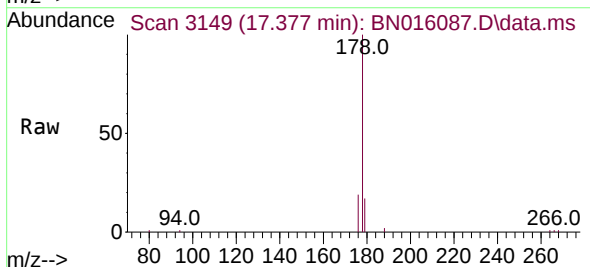
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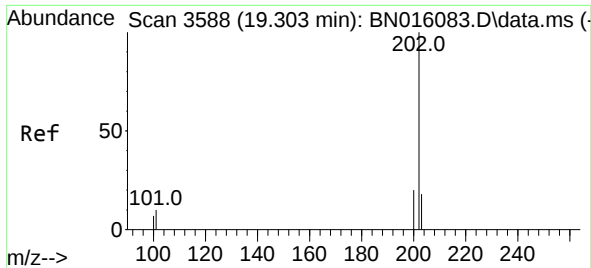
Tgt Ion:	178	Resp:	7359
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.4	20.2
176	19.2	15.0	22.4



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:	178	Resp:	6464
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.4	20.0
176	18.8	14.9	22.3

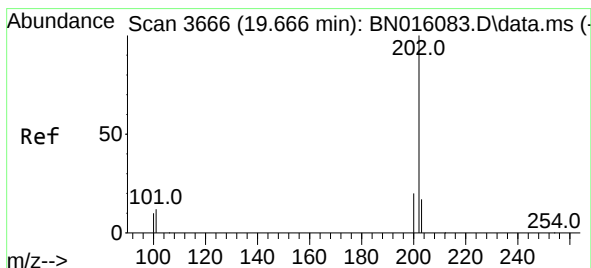
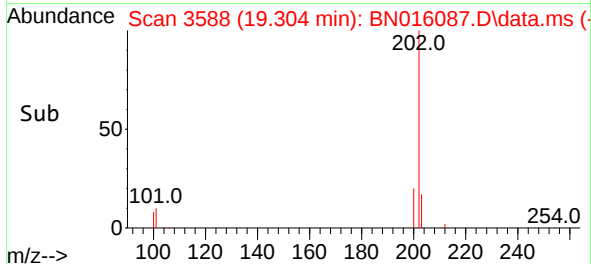
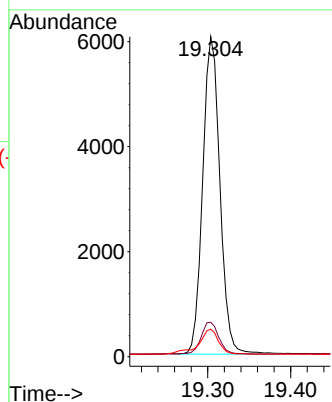
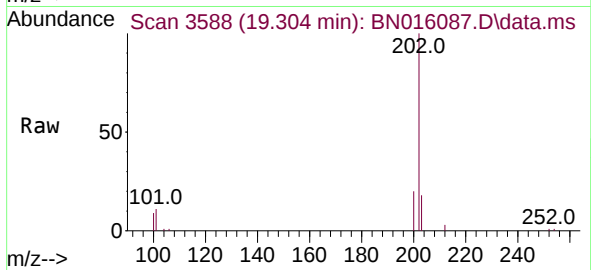




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

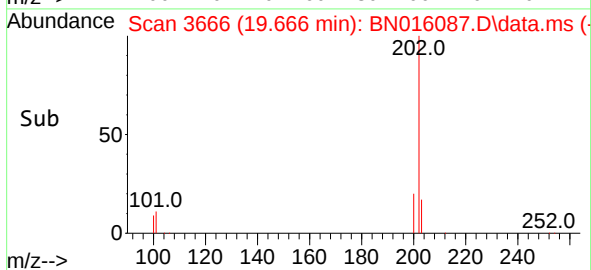
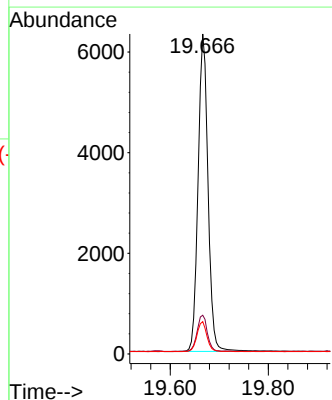
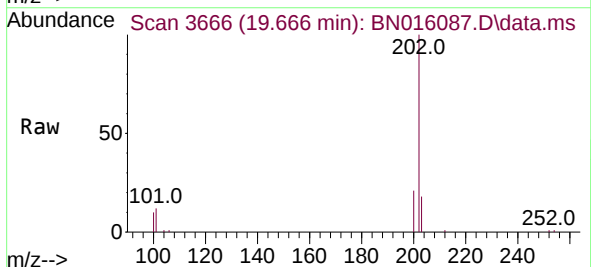
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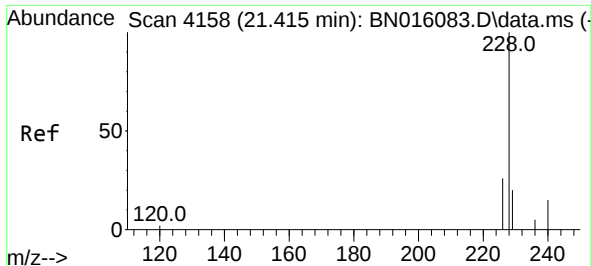
Tgt Ion:	202	Resp:	8740
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.3	12.5
100	8.6	6.6	9.8



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:	202	Resp:	8865
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.0	15.0
100	10.1	8.4	12.6

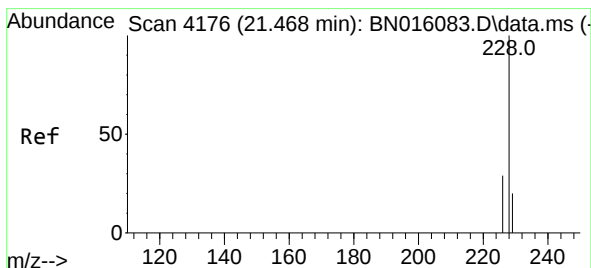
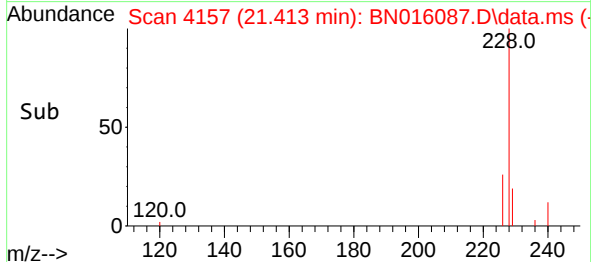
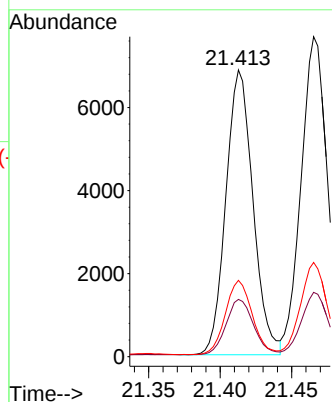
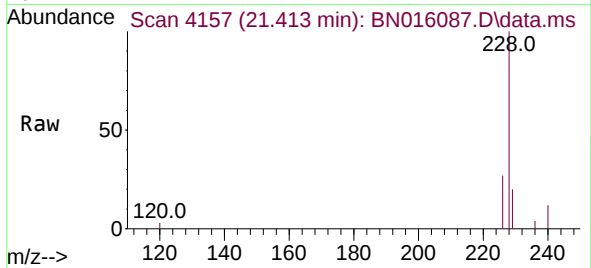




#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.413 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

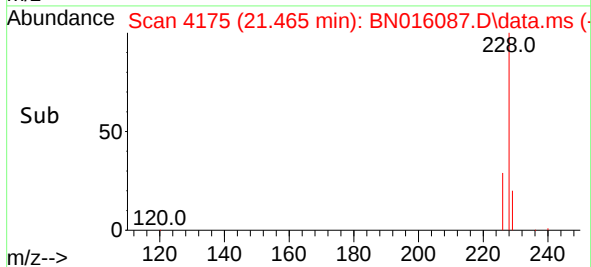
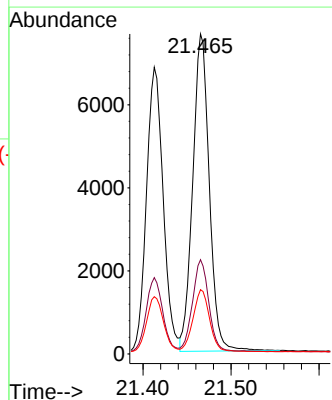
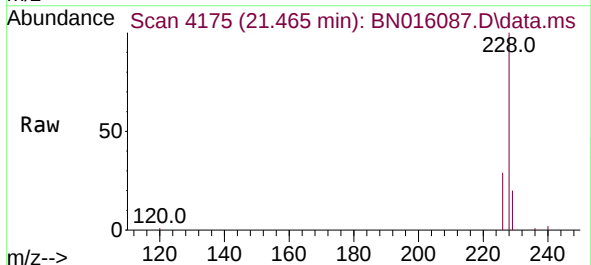
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ClientSampleId :
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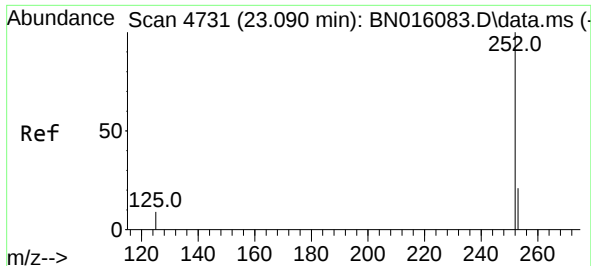
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Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 26.6 20.6 31.0



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:228 Resp: 9971
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.0
229 20.1 16.4 24.6

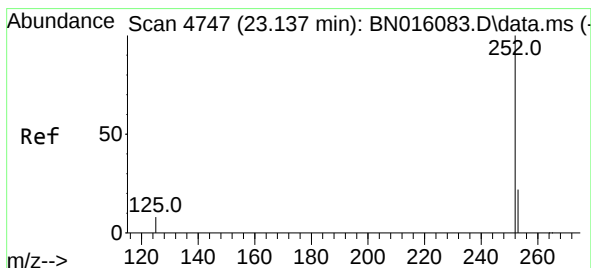
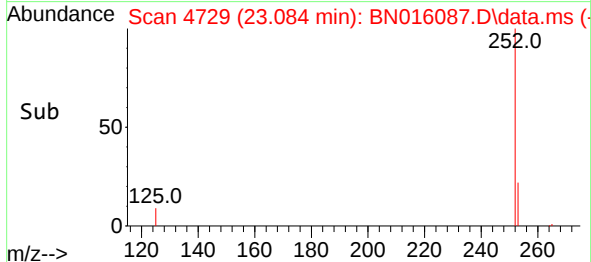
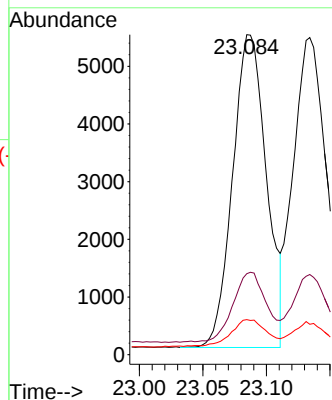
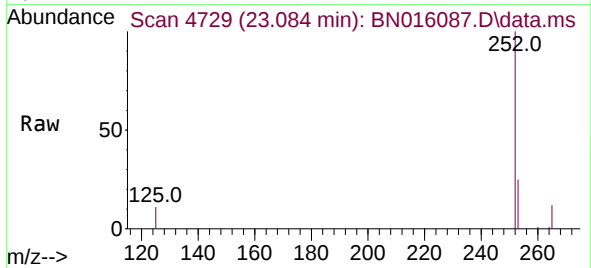




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.084 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

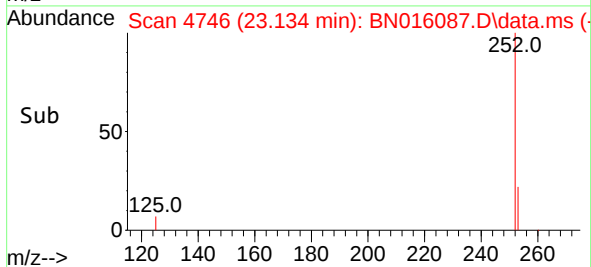
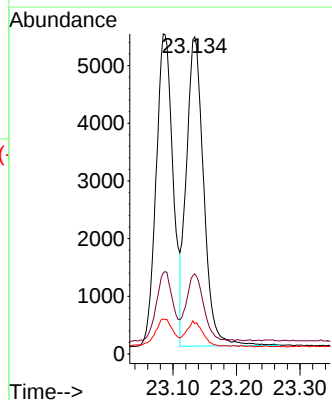
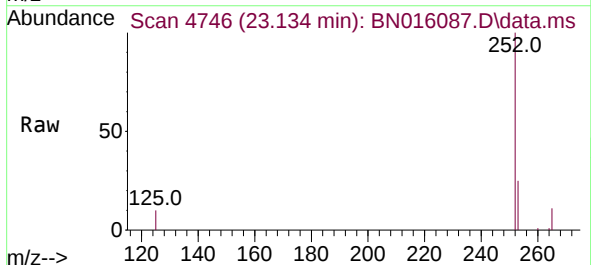
Instrument :
BNA_N
ClientSampled :
SLCS654

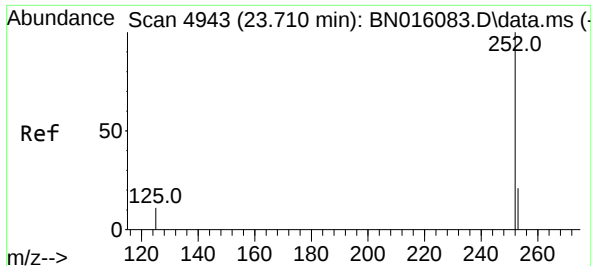
Tgt Ion:252	Resp:	10032
Ion Ratio	Lower	Upper
252	100	
253	25.3	0.0 50.6
125	11.0	0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:252	Resp:	10166
Ion Ratio	Lower	Upper
252	100	
253	25.3	20.7 31.1
125	9.6	8.2 12.4

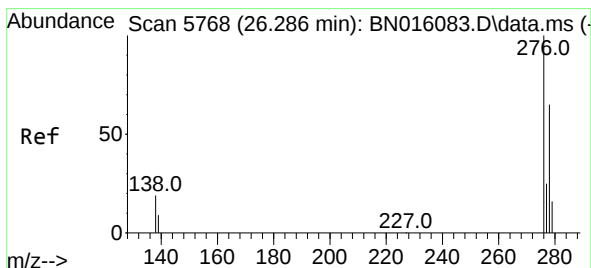
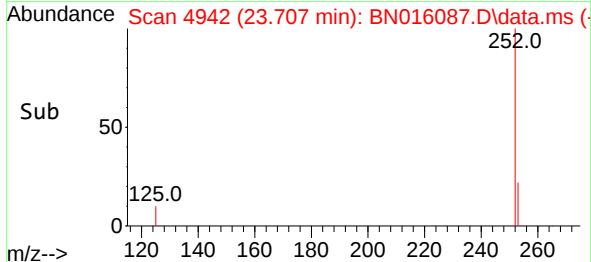
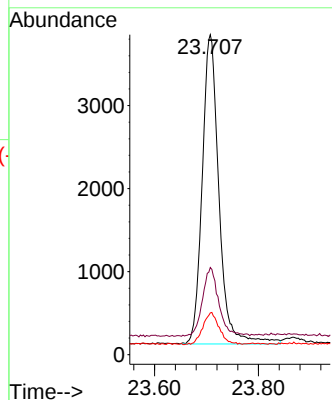
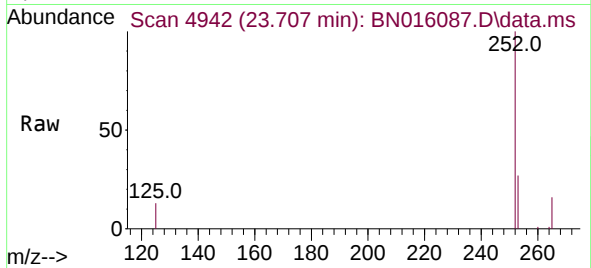




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.707 min Scan# 4942
Delta R.T. -0.003 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

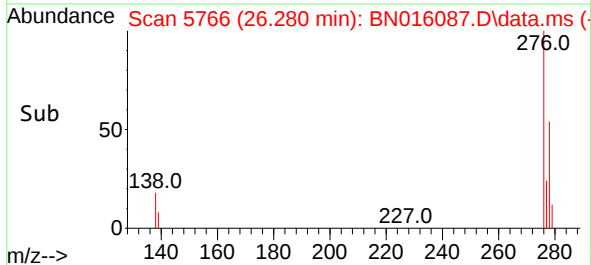
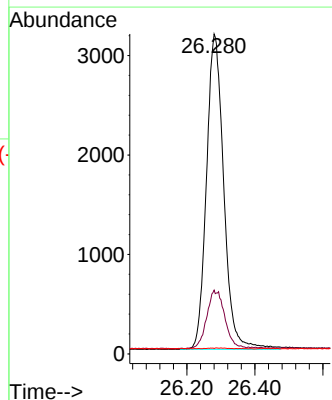
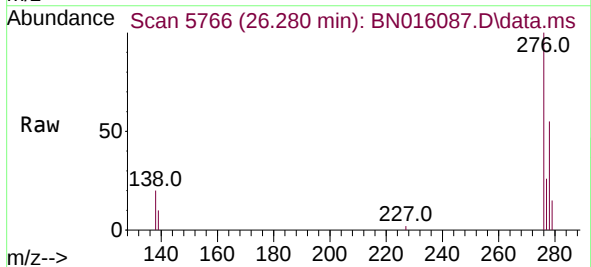
Instrument :
BNA_N
ClientSampleId :
SLCS654

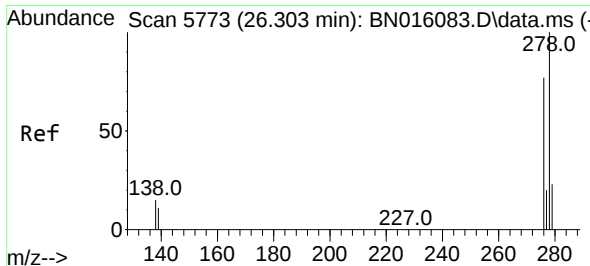
Tgt Ion:252 Resp: 8327
Ion Ratio Lower Upper
252 100
253 27.2 22.1 33.1
125 13.1 10.2 15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.280 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:276 Resp: 11195
Ion Ratio Lower Upper
276 100
138 19.2 15.1 22.7
227 0.2 0.1 0.1#

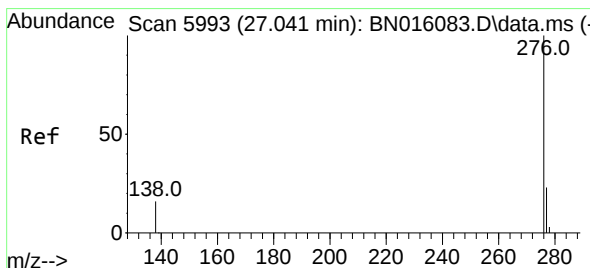
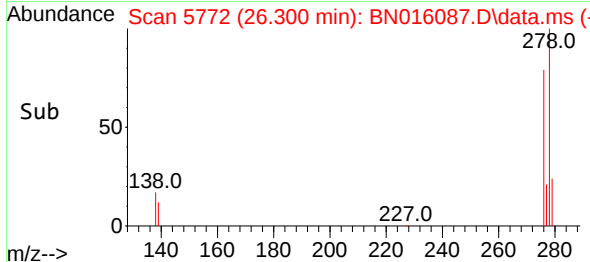
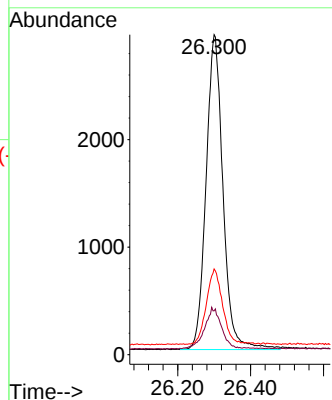
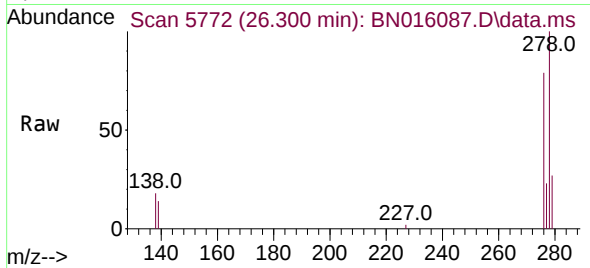




#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 26.300 min Scan# 5772
Delta R.T. -0.000 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Instrument :
BNA_N
ClientSampleId :
SLCS654

Tgt Ion:278 Resp: 9438
Ion Ratio Lower Upper
278 100
139 13.7 12.0 18.0
279 26.8 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.034 min Scan# 5991
Delta R.T. -0.003 min
Lab File: BN016087.D
Acq: 27 Aug 2021 02:25

Tgt Ion:276 Resp: 9558
Ion Ratio Lower Upper
276 100
138 18.2 13.8 20.8
277 24.1 20.5 30.7

