

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017405.D
 Acq On : 13 Nov 2021 23:49
 Operator : CG/JU
 Sample : PB140634BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS634

Quant Time: Nov 15 04:24:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 02:31:43 2021
 Response via : Initial Calibration

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

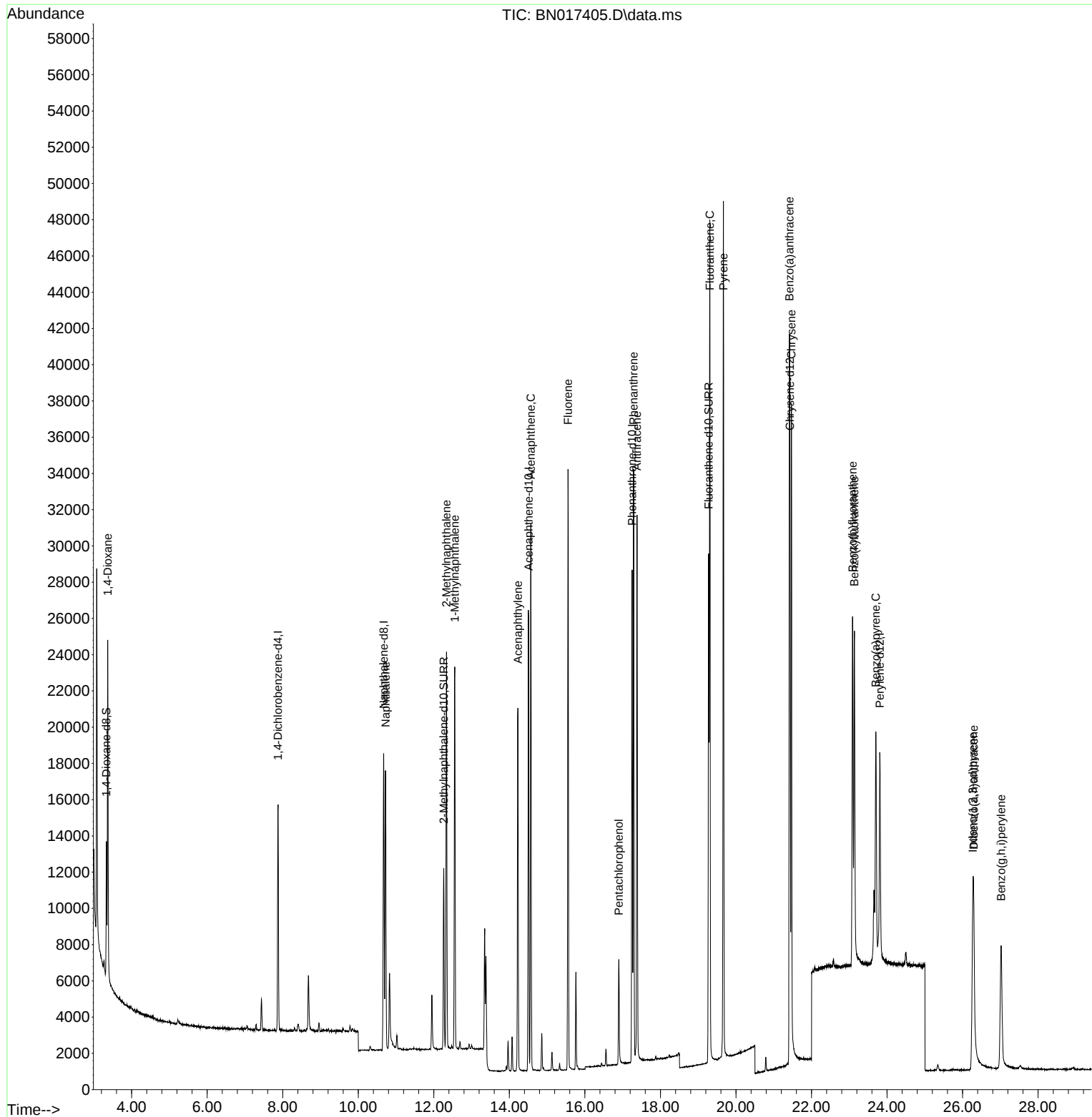
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	6217	0.400	ng/ul	0.00
4) Naphthalene-d8	10.674	136	22753	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	14266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	30997	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	23429	0.400	ng/ul	0.00
23) Perylene-d12	23.807	264	16268	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	4554	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	12709	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.278	212	31159	0.370	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	12651	1.439	ng/ul#	53
5) Naphthalene	10.724	128	21530	0.342	ng/ul	97
7) 2-Methylnaphthalene	12.335	142	15337	0.340	ng/ul	100
8) 1-Methylnaphthalene	12.555	142	14877	0.334	ng/ul	100
10) Acenaphthylene	14.226	152	23311	0.340	ng/ul	99
11) Acenaphthene	14.569	153	17213	0.351	ng/ul	100
12) Fluorene	15.554	166	20601	0.355	ng/ul	99
14) Pentachlorophenol	16.898	266	4011	0.591	ng/ul	99
15) Phenanthrene	17.291	178	33463	0.359	ng/ul	100
16) Anthracene	17.380	178	32459	0.346	ng/ul	99
19) Fluoranthene	19.306	202	39054	0.359	ng/ul	99
20) Pyrene	19.669	202	40094	0.361	ng/ul	97
21) Benzo(a)anthracene	21.416	228	31357	0.360	ng/ul	100
22) Chrysene	21.469	228	32494	0.373	ng/ul	100
24) Benzo(b)fluoranthene	23.088	252	26170	0.394	ng/ul	95
25) Benzo(k)fluoranthene	23.135	252	26624	0.389	ng/ul	97
26) Benzo(a)pyrene	23.702	252	21090	0.380	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.270	276	17783	0.379	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.294	278	13420	0.385	ng/ul	93
29) Benzo(g,h,i)perylene	27.018	276	16387	0.382	ng/ul	97

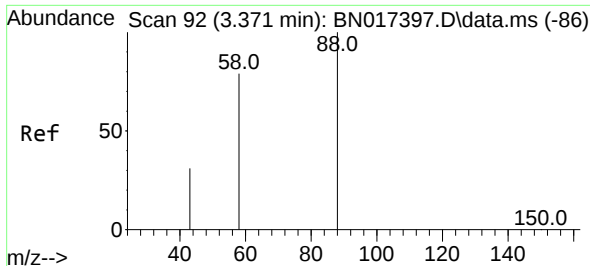
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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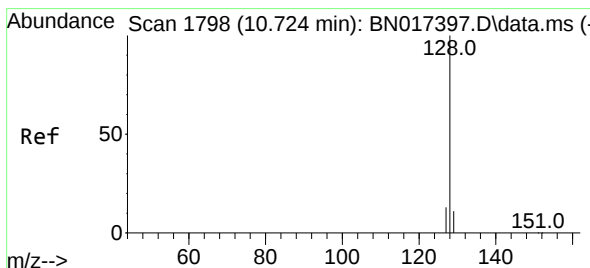
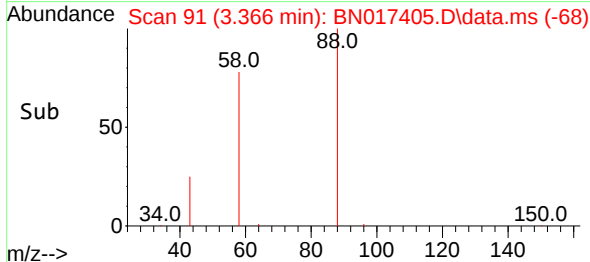
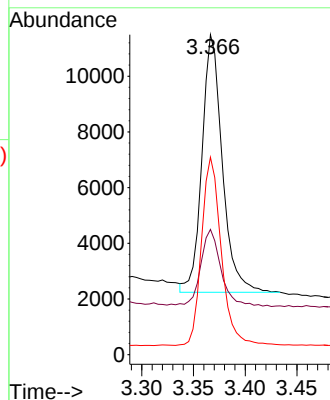
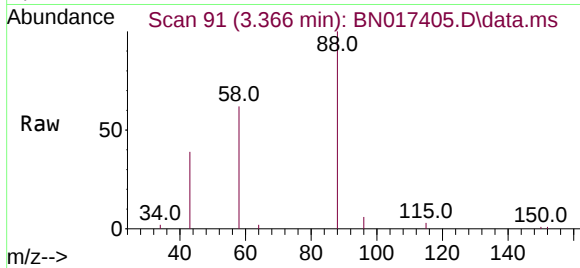




#2
 1,4-Dioxane
 Concen: 1.439 ng/ul
 RT: 3.366 min Scan# 91
 Delta R.T. -0.004 min
 Lab File: BN017405.D
 Acq: 13 Nov 2021 23:49

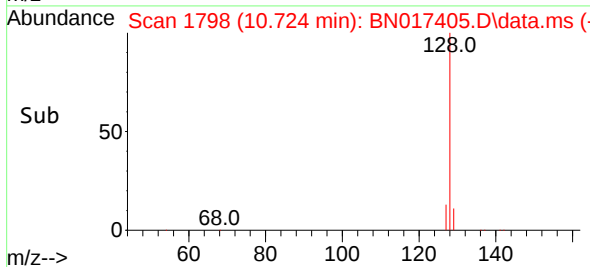
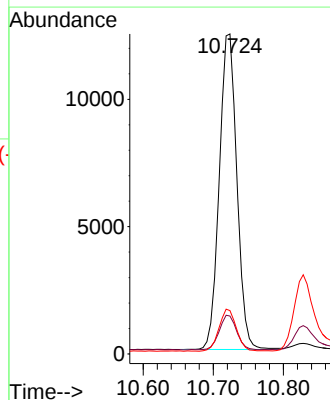
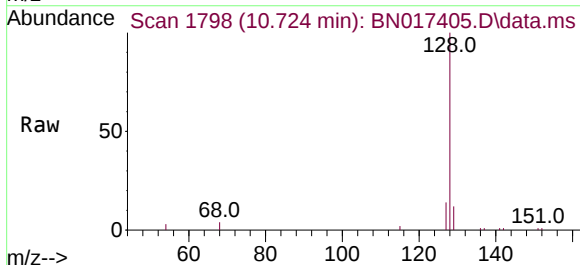
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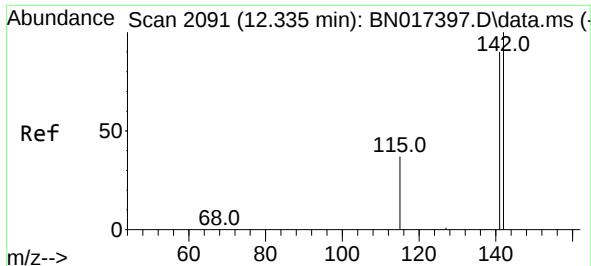
Tgt Ion: 88 Resp: 12651
 Ion Ratio Lower Upper
 88 100
 43 39.2 85.8 128.6#
 58 61.7 43.4 65.0



#5
 Naphthalene
 Concen: 0.342 ng/ul
 RT: 10.724 min Scan# 1798
 Delta R.T. -0.000 min
 Lab File: BN017405.D
 Acq: 13 Nov 2021 23:49

Tgt Ion: 128 Resp: 21530
 Ion Ratio Lower Upper
 128 100
 129 11.8 10.4 15.6
 127 13.6 11.8 17.6

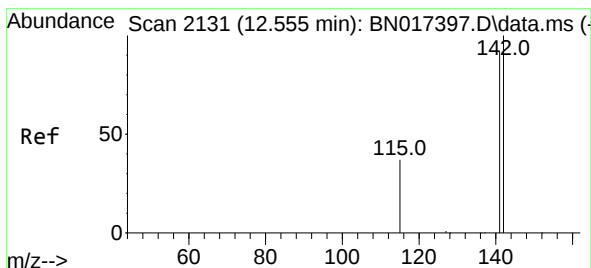
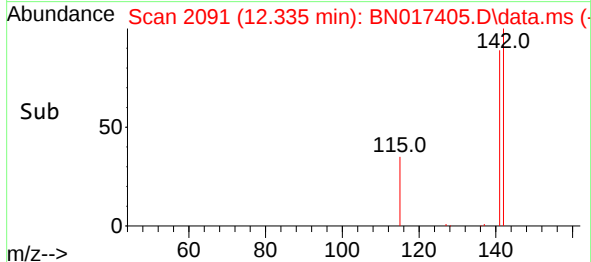
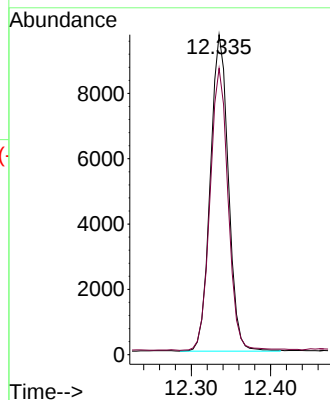
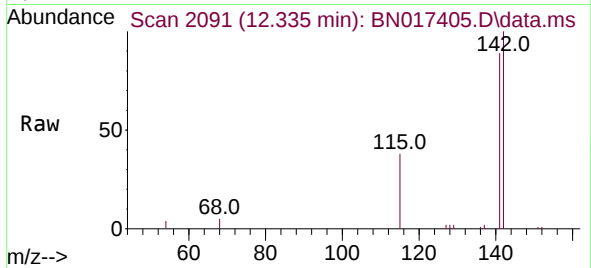




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.335 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

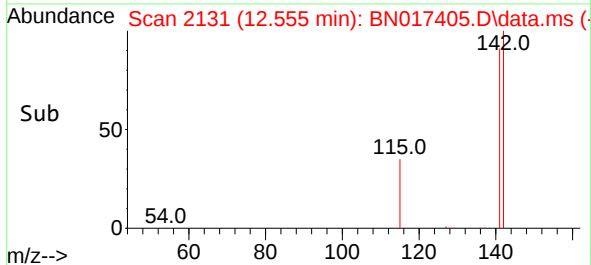
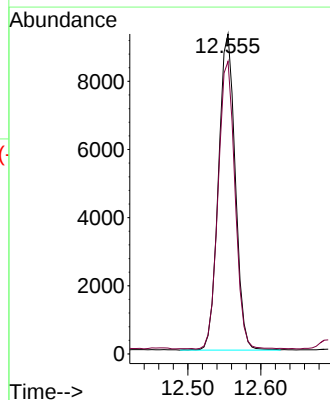
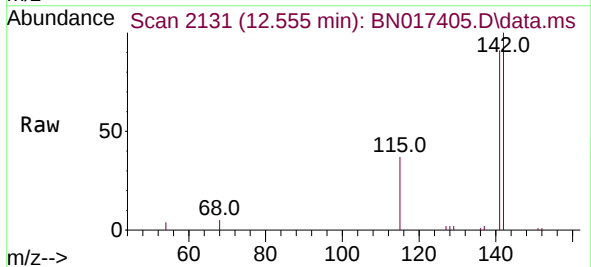
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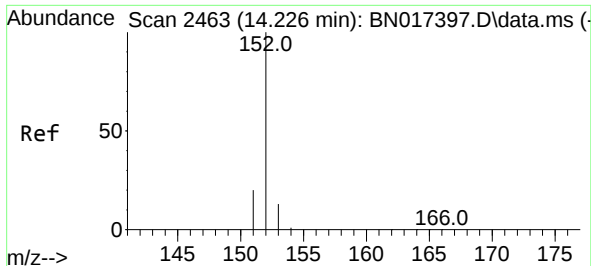
Tgt Ion:142 Resp: 15337
Ion Ratio Lower Upper
142 100
141 89.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.555 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:142 Resp: 14877
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

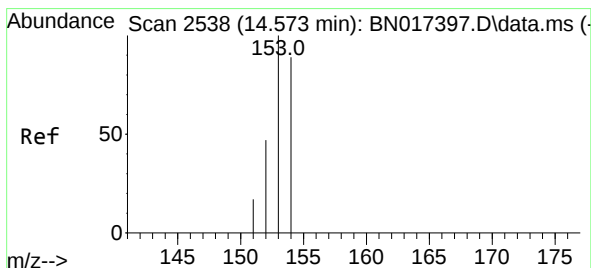
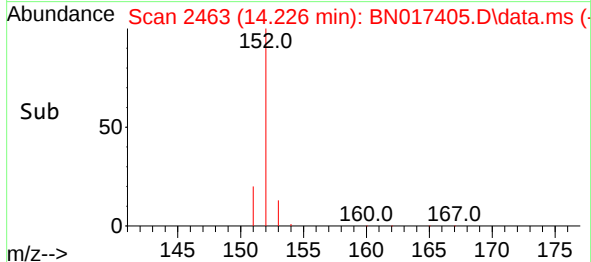
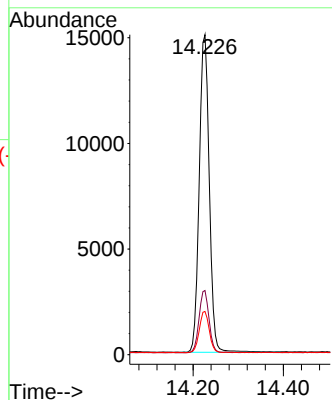
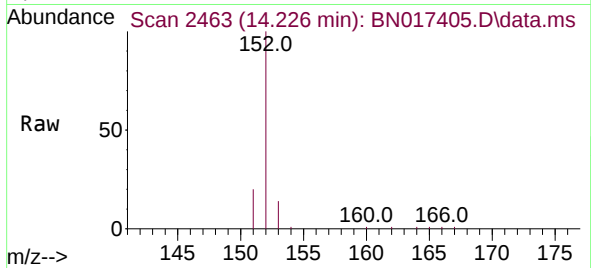




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.226 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

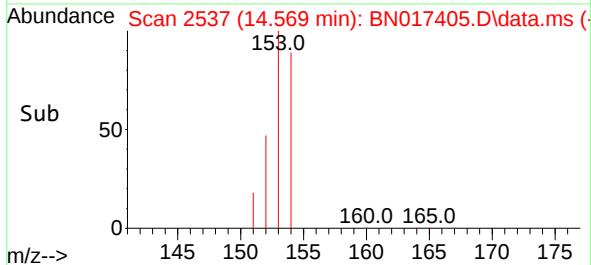
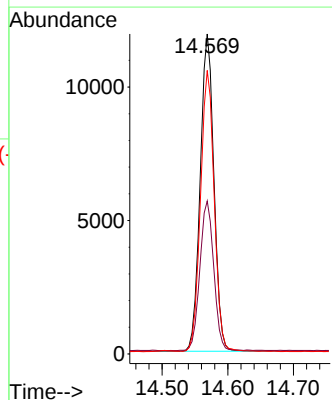
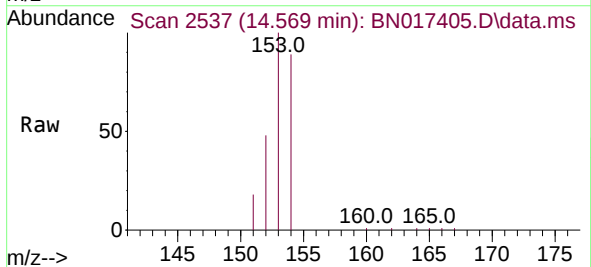
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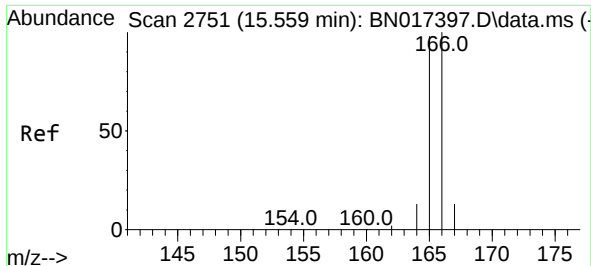
Tgt Ion:152 Resp: 23311
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.569 min Scan# 2537
Delta R.T. -0.005 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:153 Resp: 17213
Ion Ratio Lower Upper
153 100
152 47.8 38.3 57.5
154 88.6 71.1 106.7

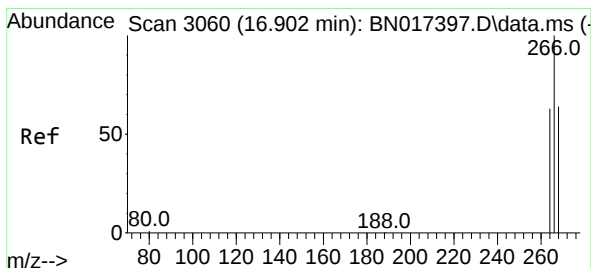
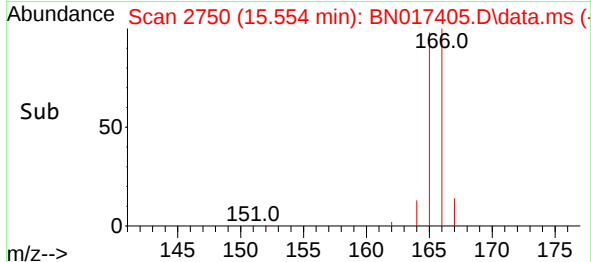
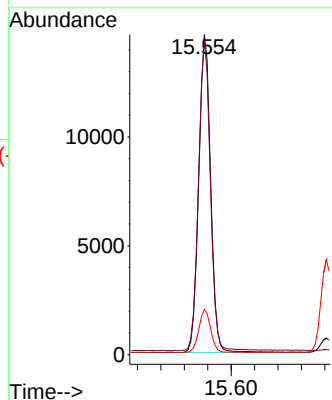
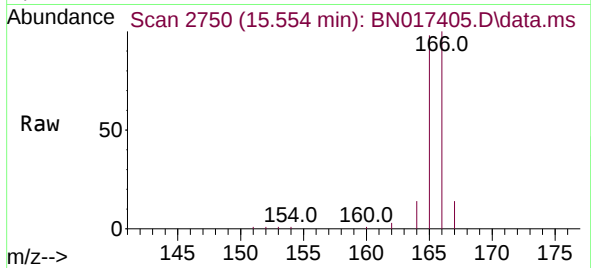




#12
 Fluorene
 Concen: 0.355 ng/ul
 RT: 15.554 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN017405.D
 Acq: 13 Nov 2021 23:49

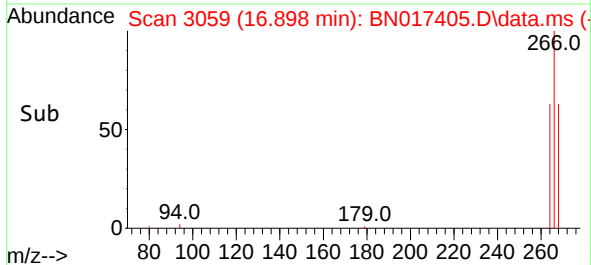
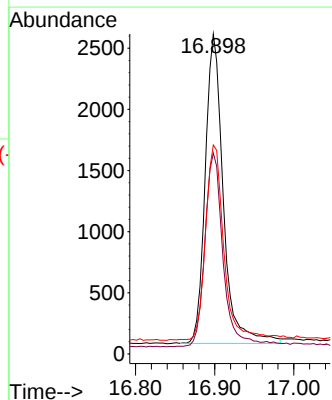
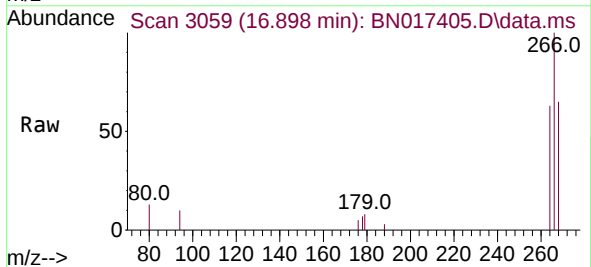
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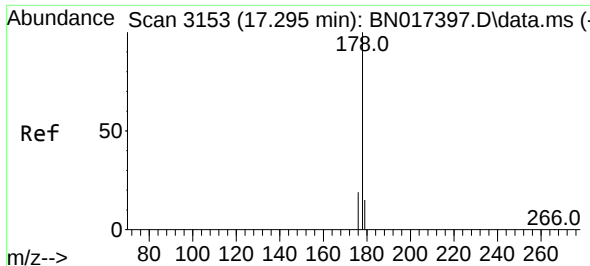
Tgt Ion:	166	Resp:	20601
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.2	118.8
167	14.1	11.2	16.8



#14
 Pentachlorophenol
 Concen: 0.591 ng/ul
 RT: 16.898 min Scan# 3059
 Delta R.T. -0.004 min
 Lab File: BN017405.D
 Acq: 13 Nov 2021 23:49

Tgt Ion:	266	Resp:	4011
Ion Ratio	Lower	Upper	
266	100		
264	63.8	50.3	75.5
268	65.1	52.2	78.4

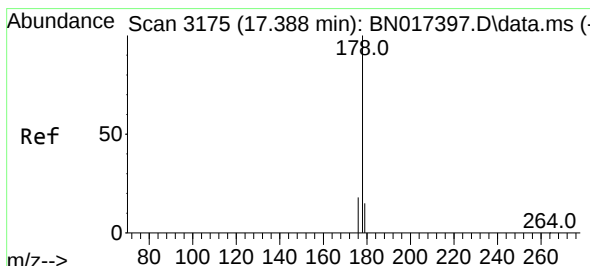
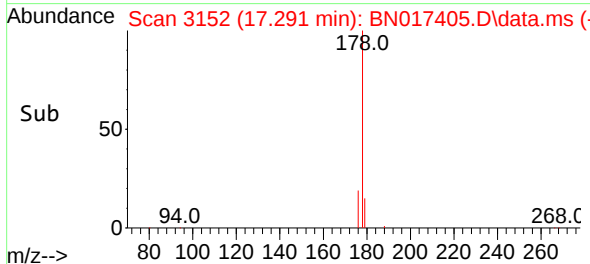
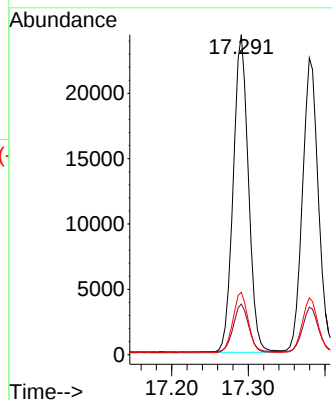
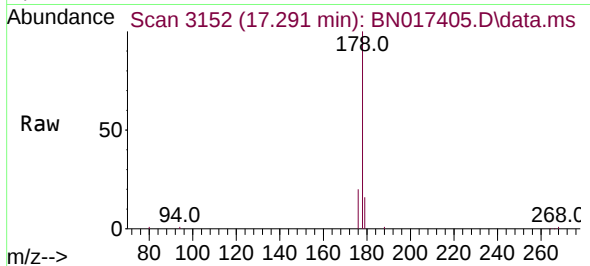




#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.291 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

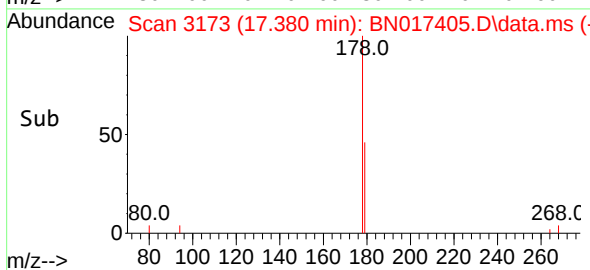
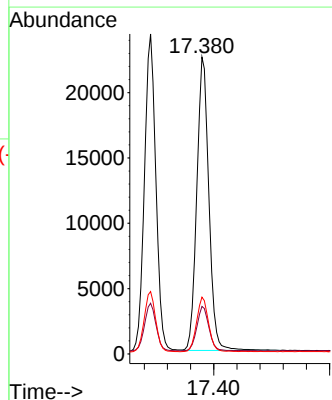
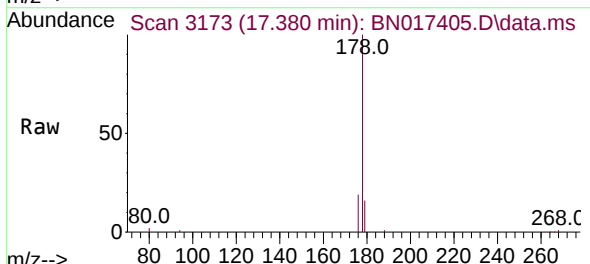
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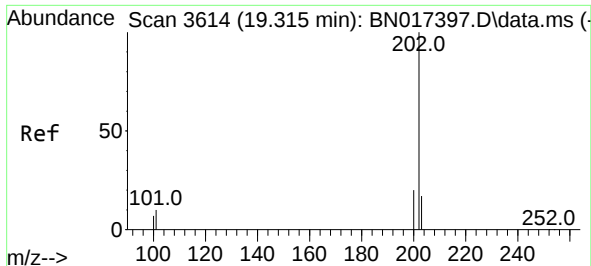
Tgt Ion:178 Resp: 33463
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.380 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:178 Resp: 32459
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 15.1 22.7

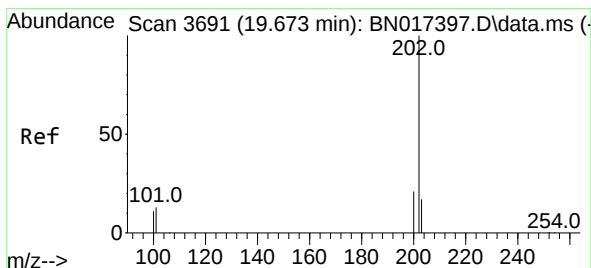
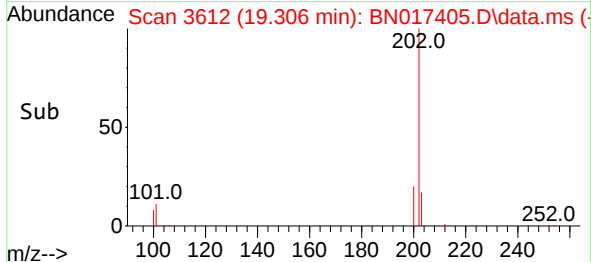
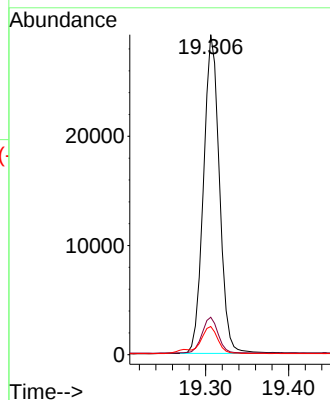
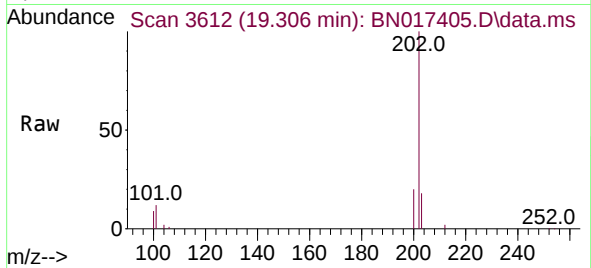




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.306 min Scan# 3612
Delta R.T. -0.009 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

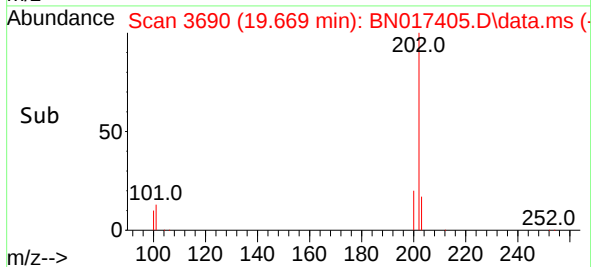
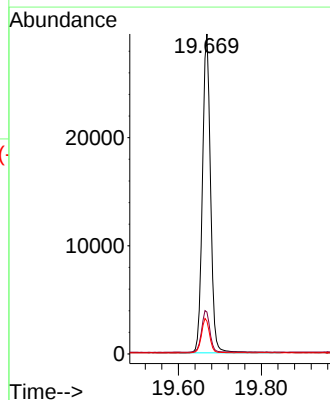
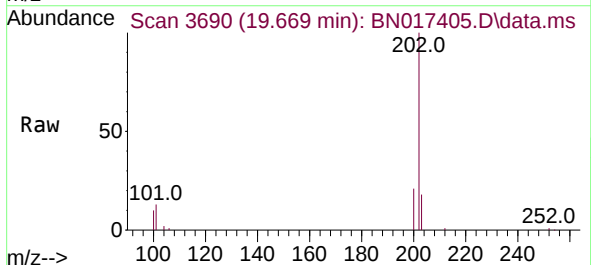
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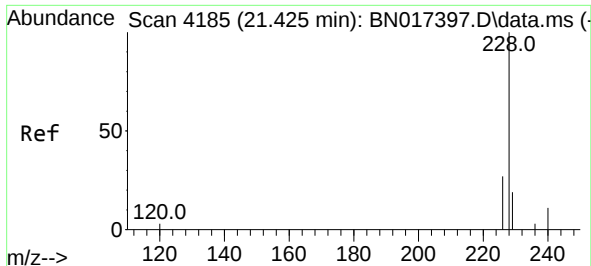
Tgt Ion:202 Resp: 39054
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.8 6.8 10.2



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.669 min Scan# 3690
Delta R.T. -0.004 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:202 Resp: 40094
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.3 9.4 14.0

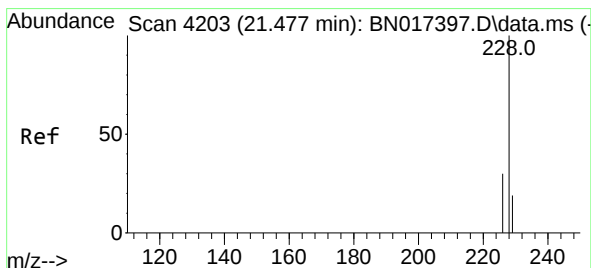
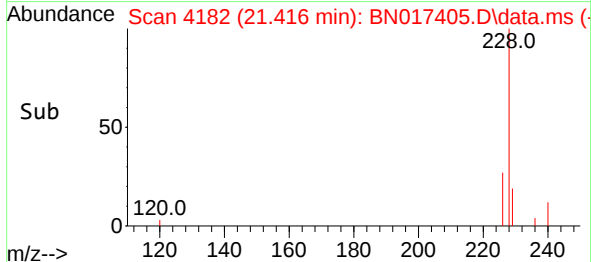
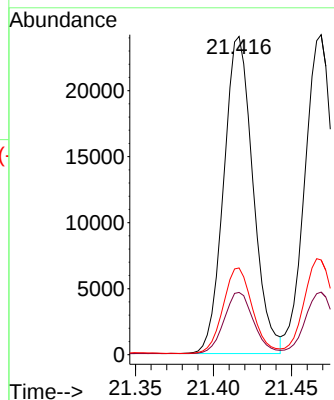
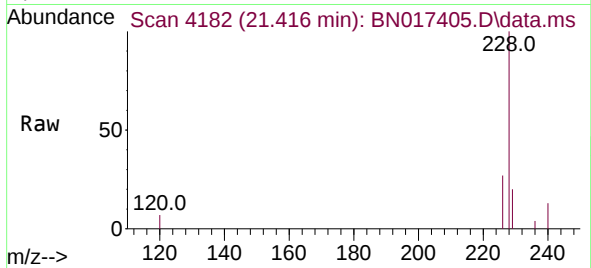




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.416 min Scan# 4185
Delta R.T. -0.008 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

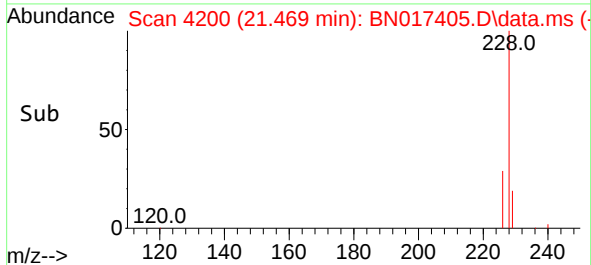
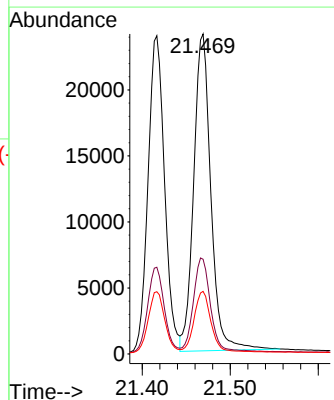
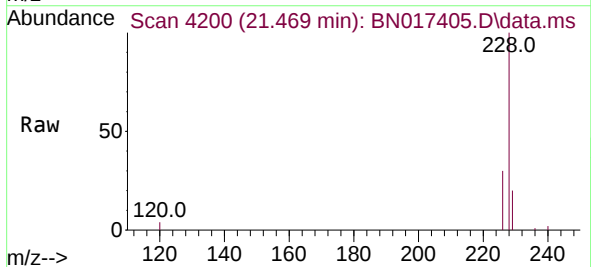
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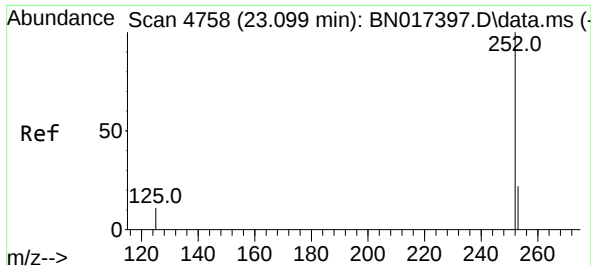
Tgt Ion:228 Resp: 31357
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.3 21.8 32.8



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.469 min Scan# 4200
Delta R.T. -0.008 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:228 Resp: 32494
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.6 15.7 23.5

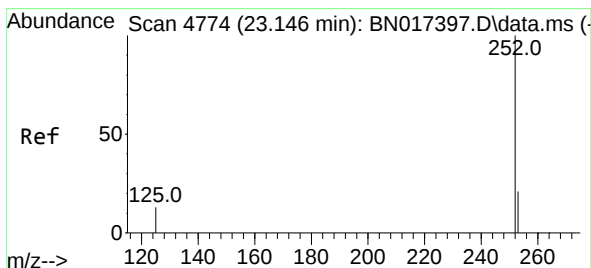
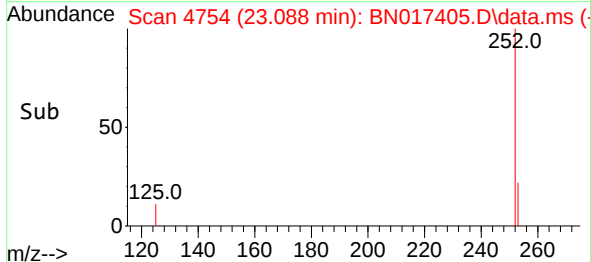
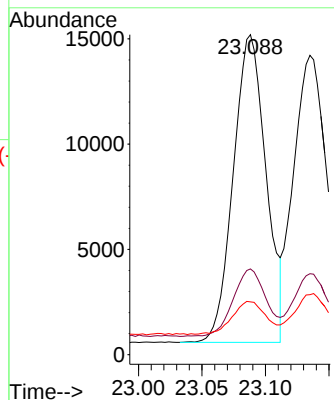
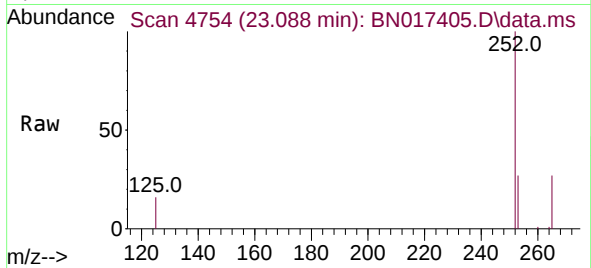




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.088 min Scan# 4754
Delta R.T. -0.011 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

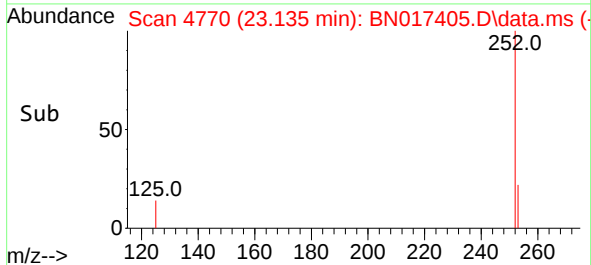
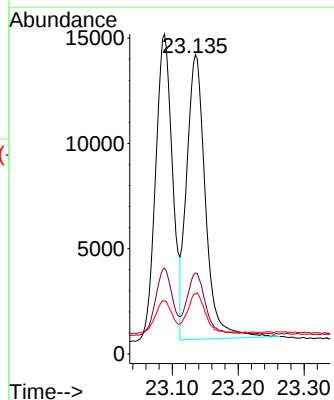
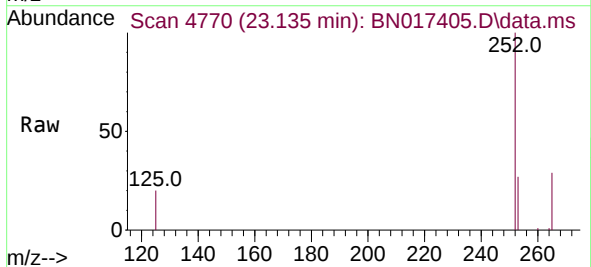
Instrument :
BNA_N
ClientSampleId :
SLCS634

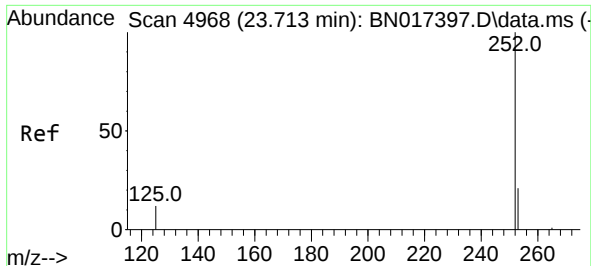
Tgt Ion:252 Resp: 26170
Ion Ratio Lower Upper
252 100
253 26.8 0.0 57.6
125 16.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.135 min Scan# 4770
Delta R.T. -0.011 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:252 Resp: 26624
Ion Ratio Lower Upper
252 100
253 27.1 23.1 34.7
125 20.1 17.1 25.7

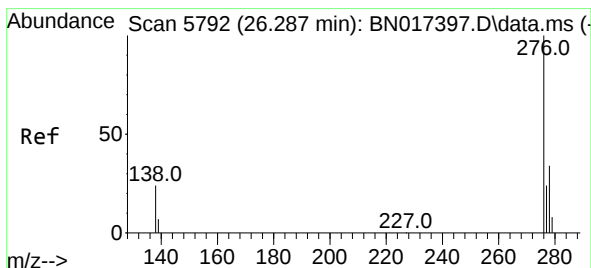
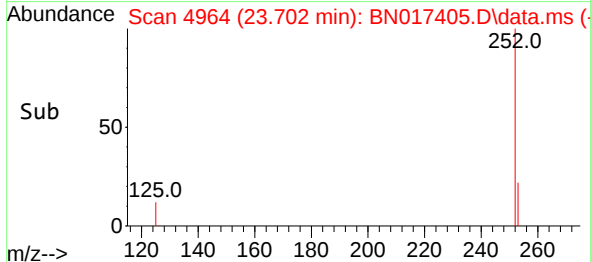
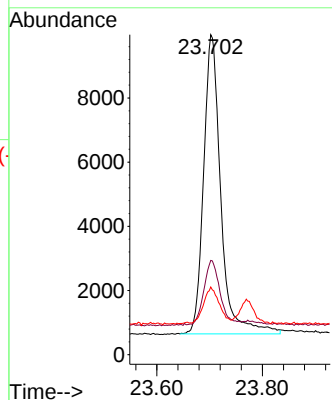
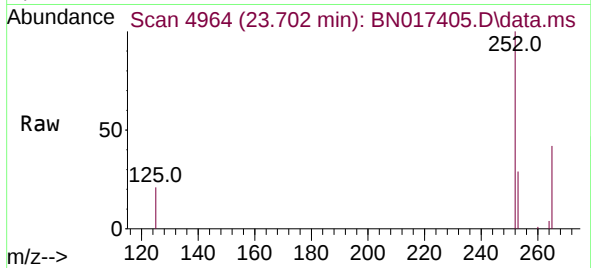




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.702 min Scan# 4964
Delta R.T. -0.011 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

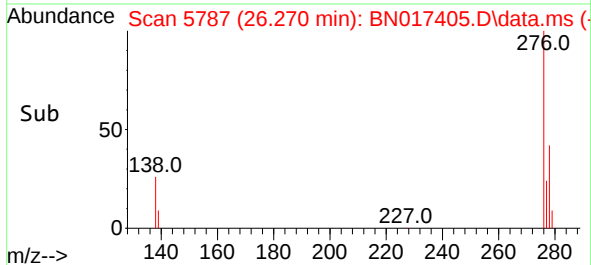
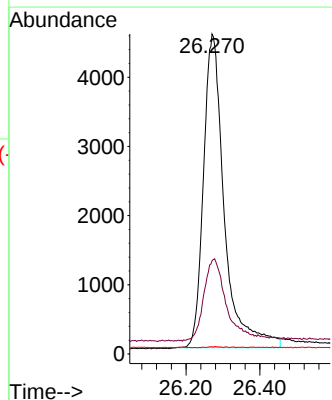
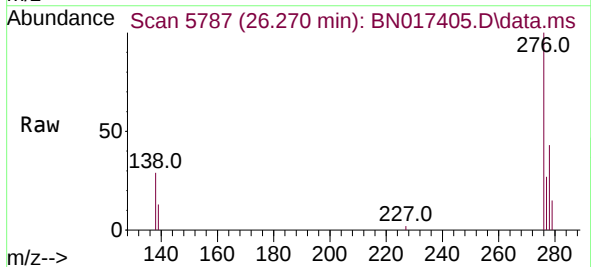
Instrument :
BNA_N
ClientSampleId :
SLCS634

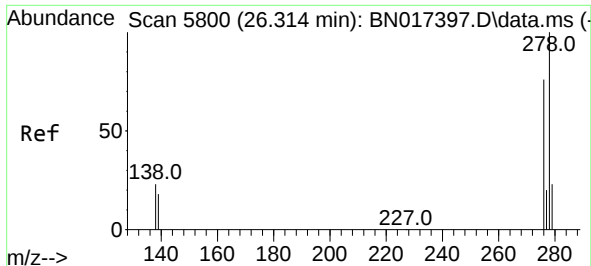
Tgt Ion:252 Resp: 21090
Ion Ratio Lower Upper
252 100
253 29.4 25.0 37.4
125 21.2 19.3 28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.270 min Scan# 5787
Delta R.T. -0.016 min
Lab File: BN017405.D
Acq: 13 Nov 2021 23:49

Tgt Ion:276 Resp: 17783
Ion Ratio Lower Upper
276 100
138 0.0 0.1 0.1#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.385 ng/ul

RT: 26.294 min Scan# 51

Delta R.T. -0.020 min

Lab File: BN017405.D

Acq: 13 Nov 2021 23:49

Instrument :

BNA_N

ClientSampleId :

SLCS634

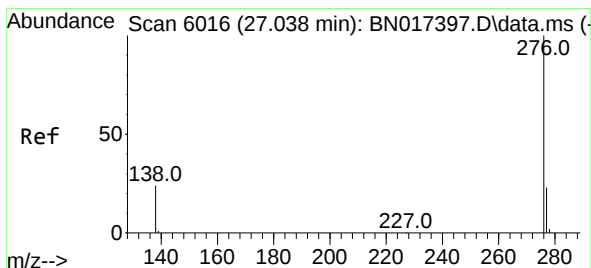
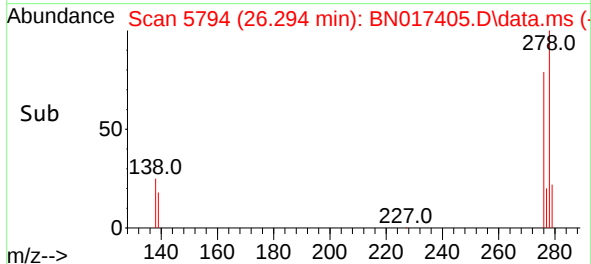
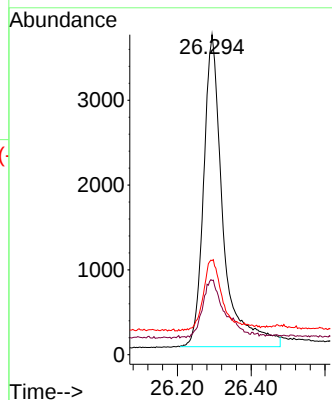
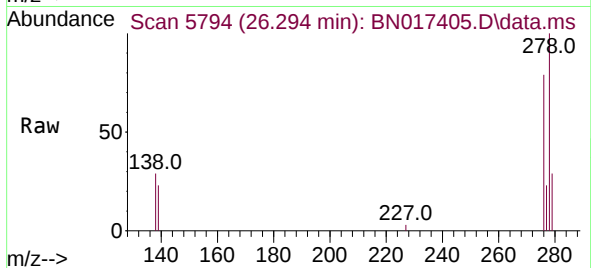
Tgt Ion:278 Resp: 13420

Ion Ratio Lower Upper

278 100

139 23.2 21.8 32.8

279 29.4 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.382 ng/ul

RT: 27.018 min Scan# 6010

Delta R.T. -0.020 min

Lab File: BN017405.D

Acq: 13 Nov 2021 23:49

Tgt Ion:276 Resp: 16387

Ion Ratio Lower Upper

276 100

138 28.0 24.5 36.7

277 26.6 21.2 31.8

