

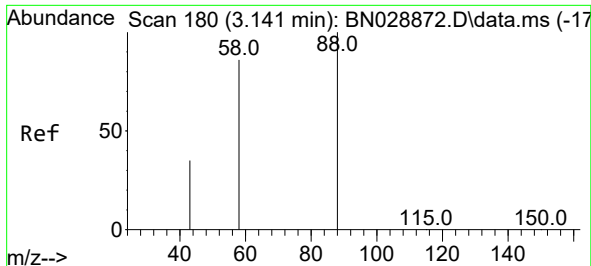
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028887.D
 Acq On : 27 Nov 2023 20:11
 Operator : MA/JU
 Sample : PB157405BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS405

Quant Time: Nov 28 04:30:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.673	152	2747	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.434	136	15827	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	8193	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.051	188	11609	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.265	240	10979	0.400	ng/ul	# 0.00
23) Perylene-d12	23.536	264	13515	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	4110	1.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	5912	0.248	ng/ul	-0.03
18) Fluoranthene-d10	19.088	212	12034	0.341	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.137	88	11598	3.456	ng/ul#	86
5) Naphthalene	10.483	128	13357	0.301	ng/ul	96
7) 2-Methylnaphthalene	12.111	142	6452	0.221	ng/ul	97
8) 1-Methylnaphthalene	12.320	142	7731	0.261	ng/ul	99
10) Acenaphthylene	14.010	152	13222	0.323	ng/ul#	96
11) Acenaphthene	14.352	153	9479	0.315	ng/ul	99
12) Fluorene	15.352	166	8824	0.252	ng/ul	98
14) Pentachlorophenol	16.705	266	2244	0.805	ng/ul	98
15) Phenanthrene	17.089	178	11733	0.329	ng/ul	97
16) Anthracene	17.190	178	10350	0.316	ng/ul	95
19) Fluoranthene	19.116	202	14582	0.312	ng/ul	96
20) Pyrene	19.483	202	16077	0.332	ng/ul	96
21) Benzo(a)anthracene	21.251	228	13197	0.304	ng/ul	94
22) Chrysene	21.300	228	14389	0.339	ng/ul	95
24) Benzo(b)fluoranthene	22.849	252	14543	0.287	ng/ul#	69
25) Benzo(k)fluoranthene	22.896	252	17460	0.329	ng/ul#	72
26) Benzo(a)pyrene	23.437	252	16811	0.351	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.863	276	20541	0.387	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.889	278	16350	0.385	ng/ul#	81
29) Benzo(g,h,i)perylene	26.574	276	17281	0.397	ng/ul#	92

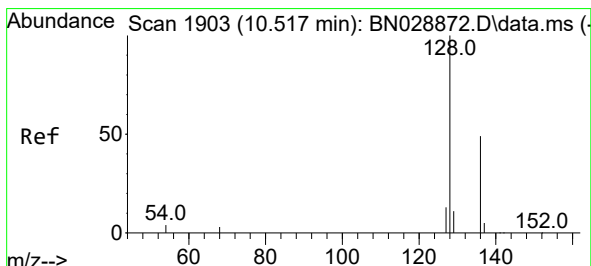
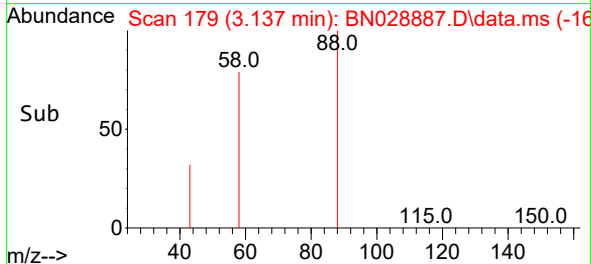
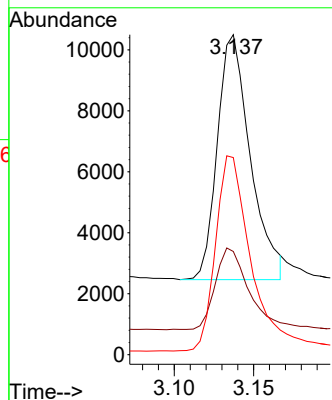
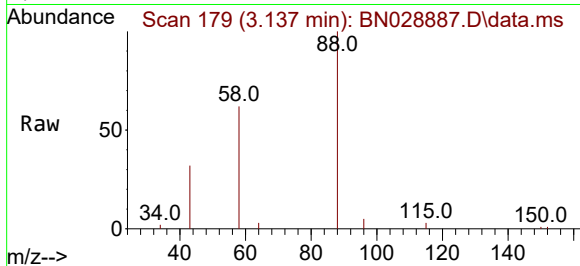
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 3.456 ng/ul
RT: 3.137 min Scan# 11598
Delta R.T. -0.004 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

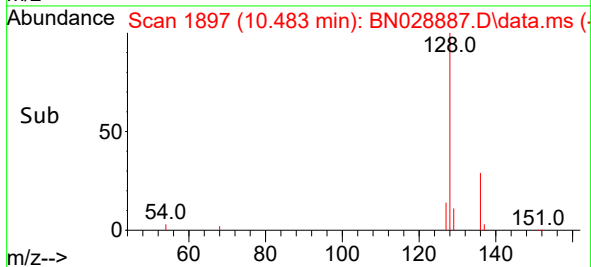
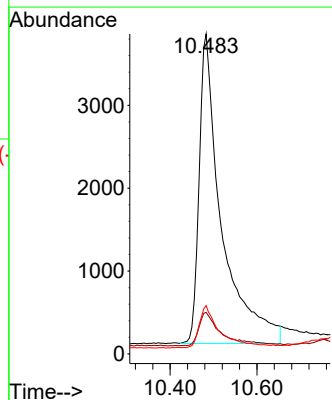
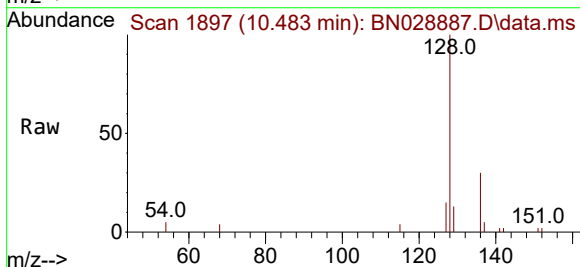
Instrument :
BNA_N
ClientSampleId :
SLCS405

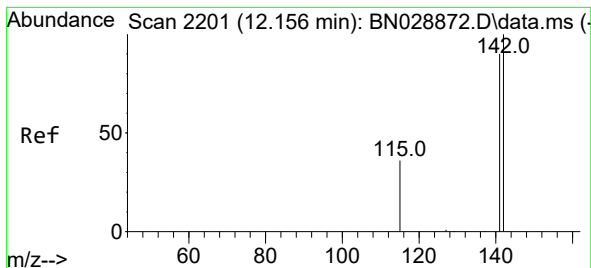
Tgt Ion: 88 Resp: 11598
Ion Ratio Lower Upper
88 100
43 32.3 32.9 49.3#
58 61.6 41.8 62.8



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.483 min Scan# 1897
Delta R.T. -0.023 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:128 Resp: 13357
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 15.1 10.7 16.1

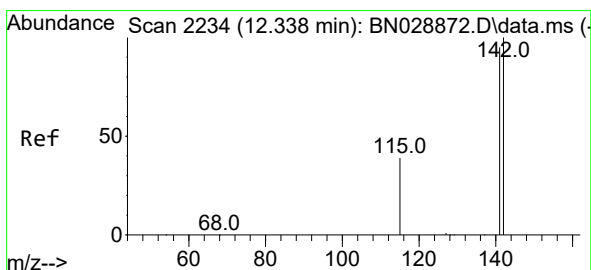
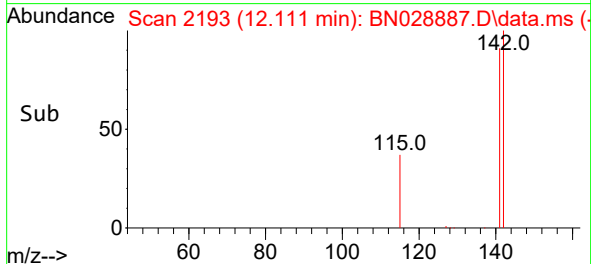
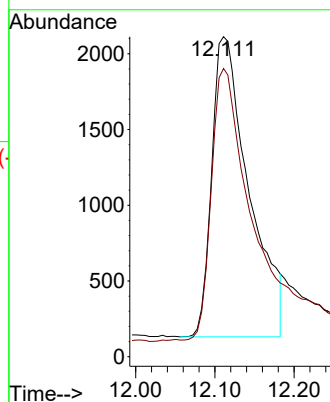
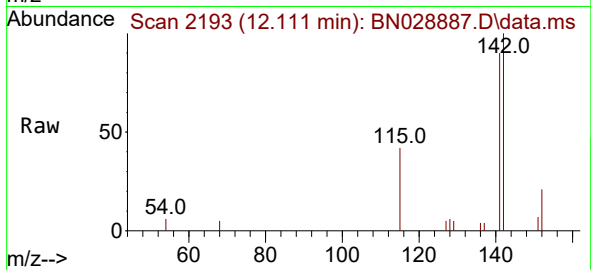




#7
2-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.111 min Scan# 2193
Delta R.T. -0.029 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

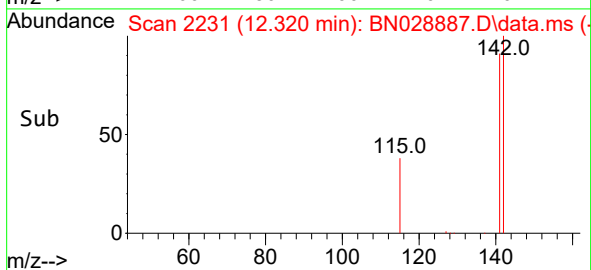
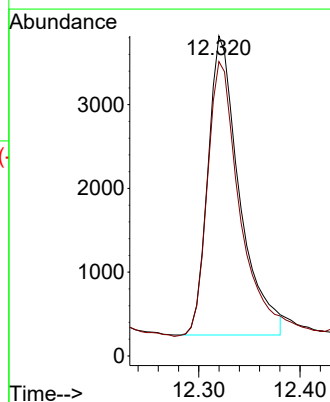
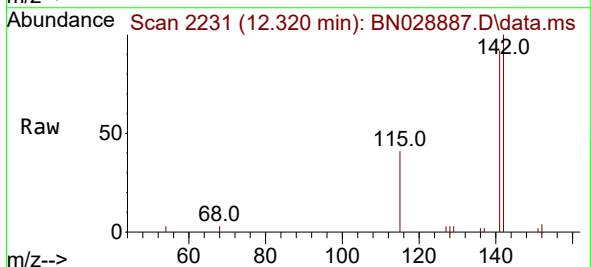
Instrument :
BNA_N
ClientSampleId :
SLCS405

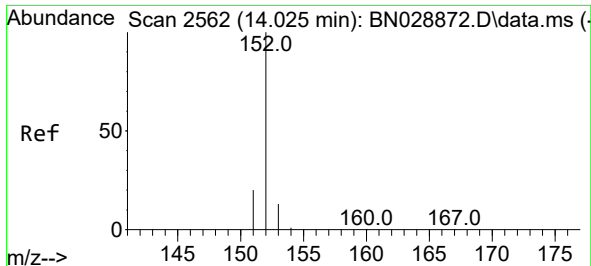
Tgt Ion:142 Resp: 6452
Ion Ratio Lower Upper
142 100
141 91.6 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.320 min Scan# 2231
Delta R.T. -0.018 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:142 Resp: 7731
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

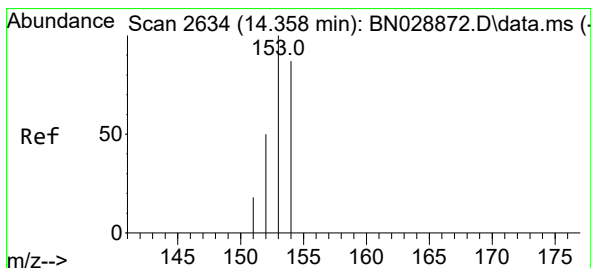
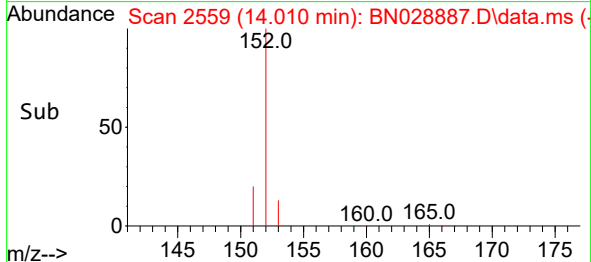
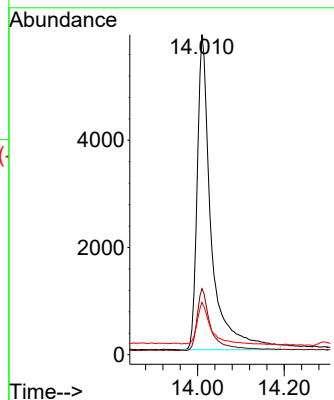
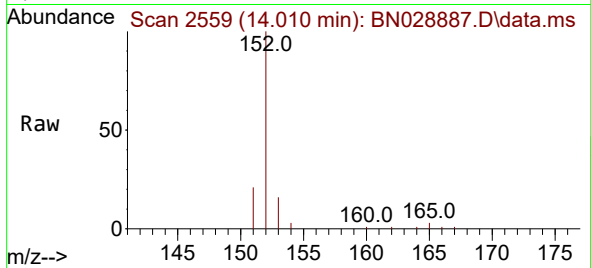




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.010 min Scan# 2559
Delta R.T. -0.015 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

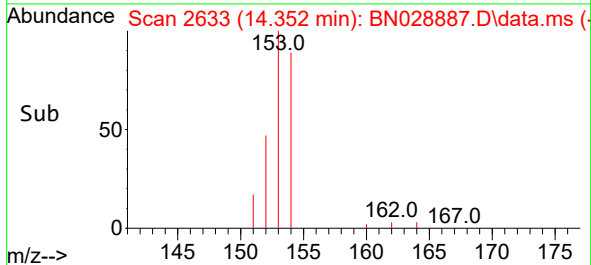
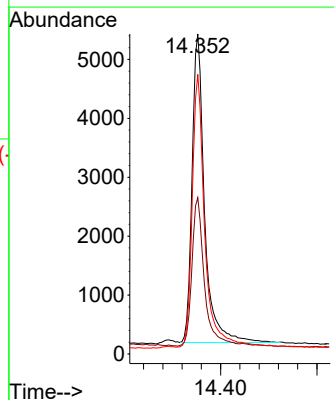
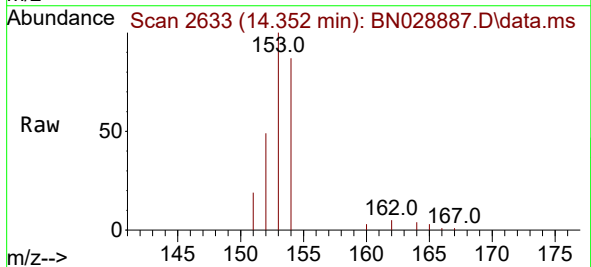
Instrument :
BNA_N
ClientSampleId :
SLCS405

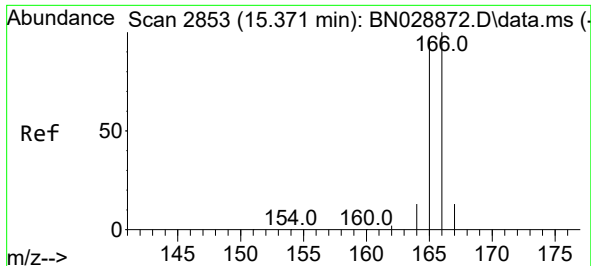
Tgt Ion:152 Resp: 13222
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 16.4 10.6 15.8#



#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.352 min Scan# 2633
Delta R.T. -0.011 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:153 Resp: 9479
Ion Ratio Lower Upper
153 100
152 48.8 39.6 59.4
154 87.3 71.0 106.6

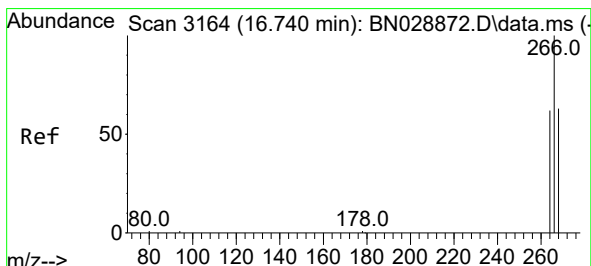
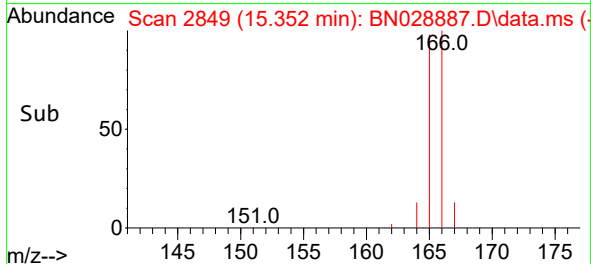
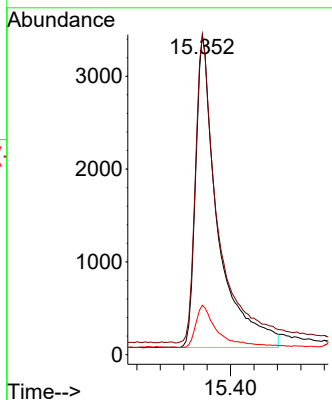
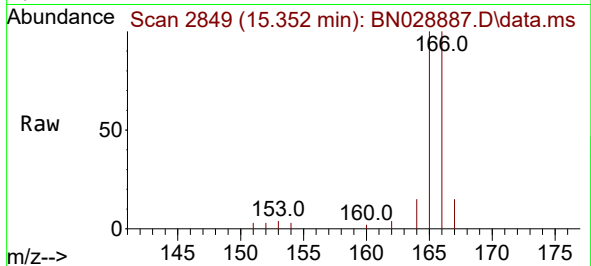




#12
Fluorene
Concen: 0.252 ng/ul
RT: 15.352 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

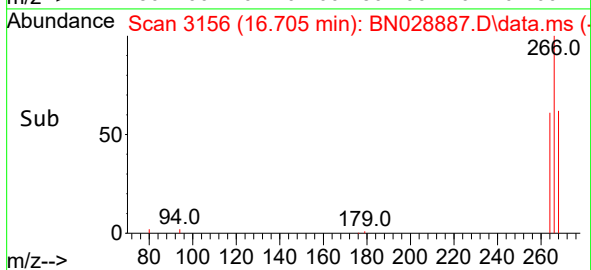
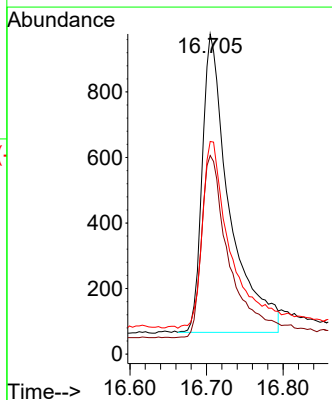
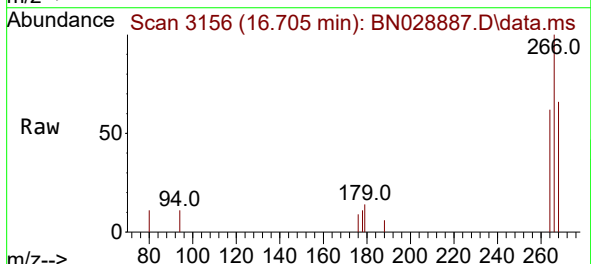
Instrument :
BNA_N
ClientSampleId :
SLCS405

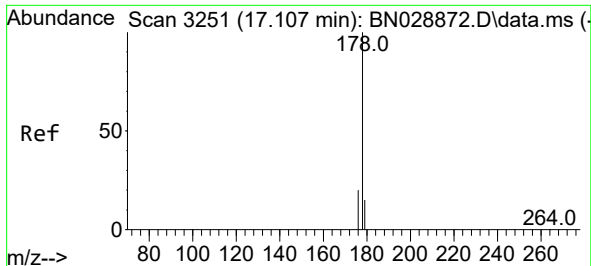
Tgt Ion:166	Resp:	8824
Ion Ratio	Lower	Upper
166	100	
165	99.8	78.6 118.0
167	15.5	11.0 16.6



#14
Pentachlorophenol
Concen: 0.805 ng/ul
RT: 16.705 min Scan# 3156
Delta R.T. -0.018 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:266	Resp:	2244
Ion Ratio	Lower	Upper
266	100	
264	63.1	50.1 75.1
268	65.1	50.6 75.8

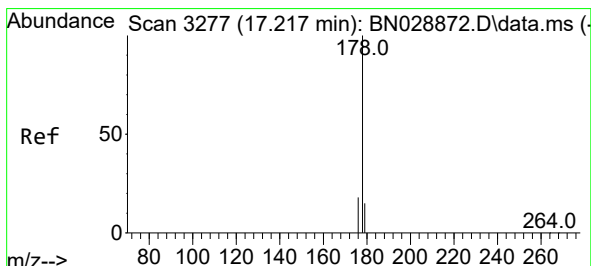
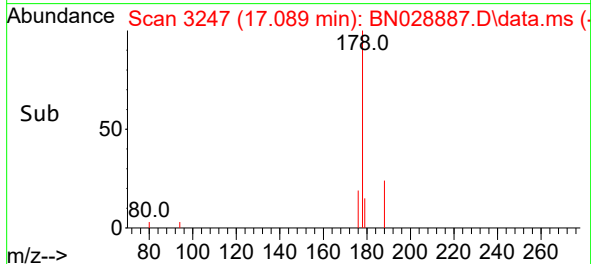
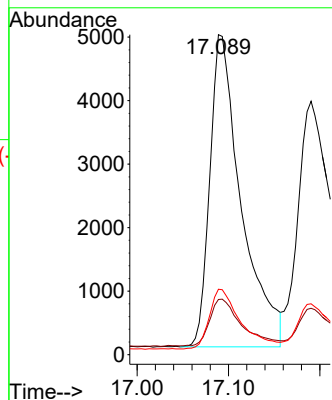
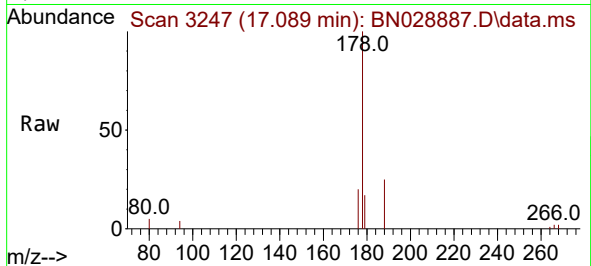




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.089 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

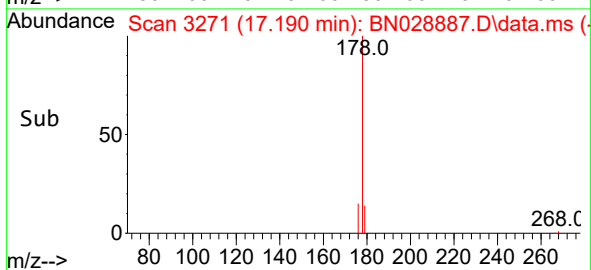
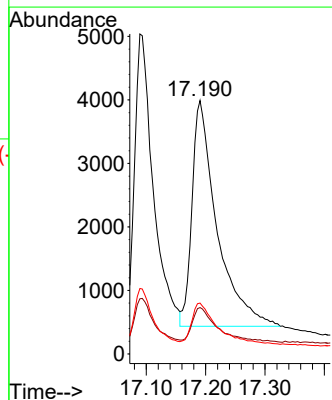
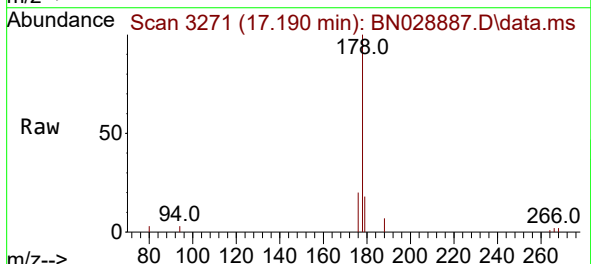
Instrument :
BNA_N
ClientSampleId :
SLCS405

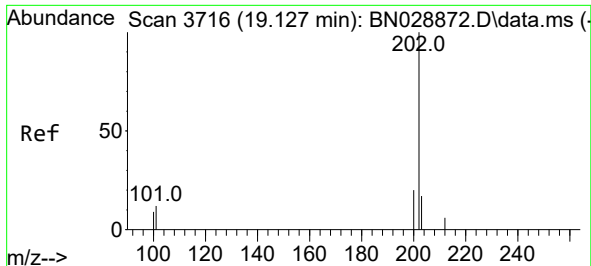
Tgt Ion:178 Resp: 11733
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 20.5 15.4 23.2



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.190 min Scan# 3271
Delta R.T. -0.014 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:178 Resp: 10350
Ion Ratio Lower Upper
178 100
179 18.3 12.6 18.8
176 20.1 14.9 22.3

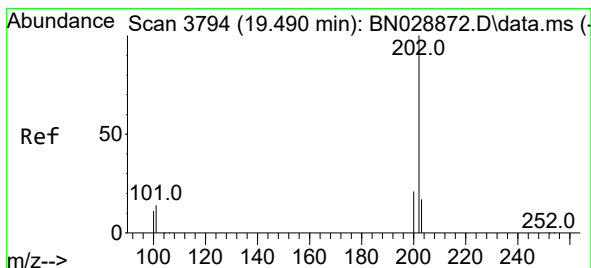
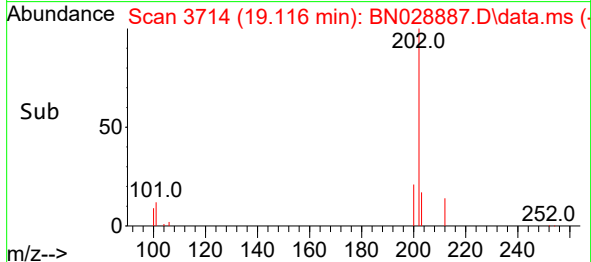
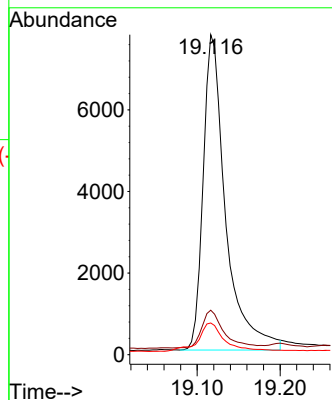
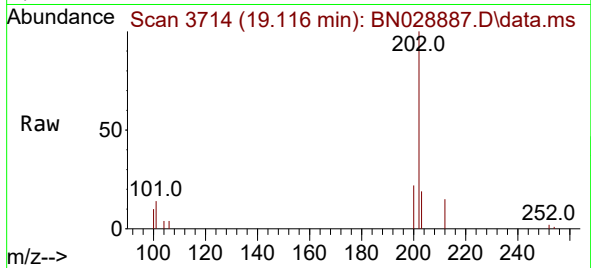




#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 19.116 min Scan# 3714
Delta R.T. -0.006 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

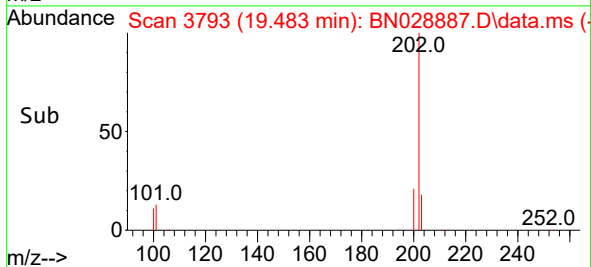
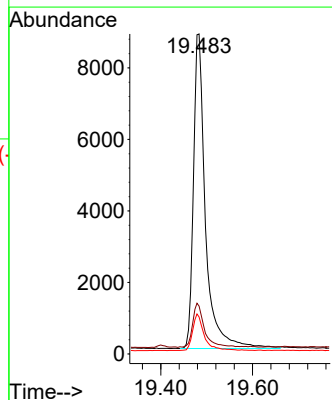
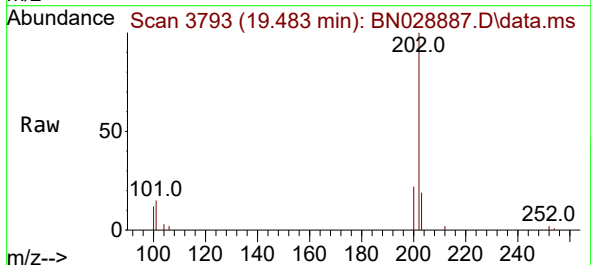
Instrument :
BNA_N
ClientSampleId :
SLCS405

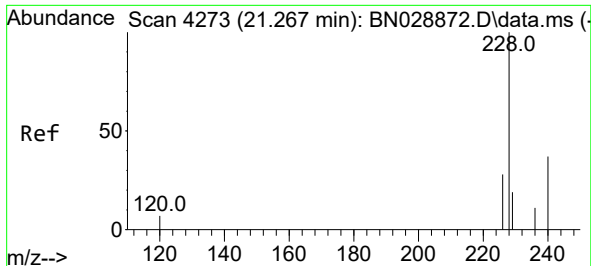
Tgt Ion:202 Resp: 14582
Ion Ratio Lower Upper
202 100
101 13.9 9.5 14.3
100 9.9 7.2 10.8



#20
Pyrene
Concen: 0.332 ng/ul
RT: 19.483 min Scan# 3793
Delta R.T. -0.002 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:202 Resp: 16077
Ion Ratio Lower Upper
202 100
101 14.9 10.3 15.5
100 11.5 8.2 12.2

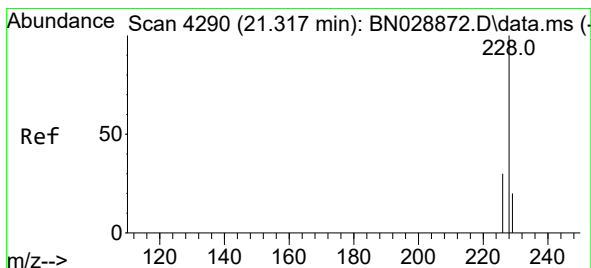
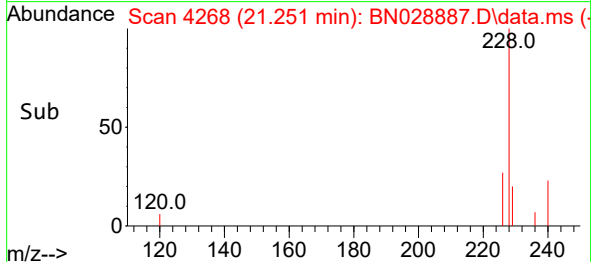
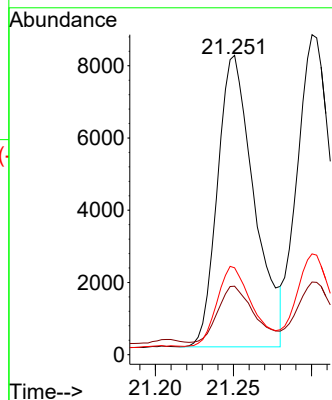
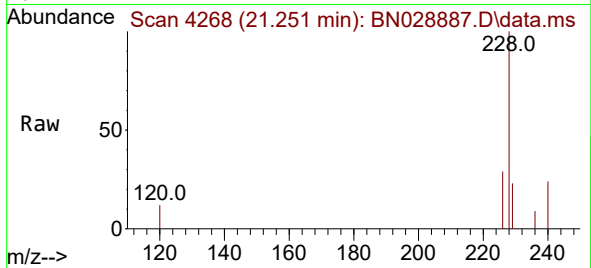




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.251 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

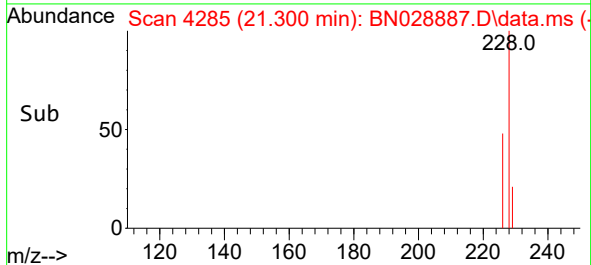
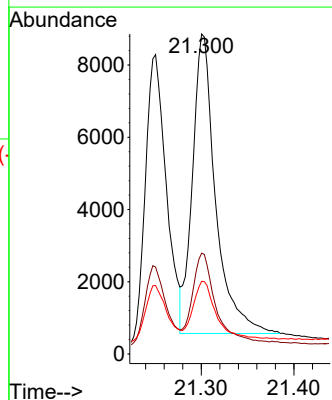
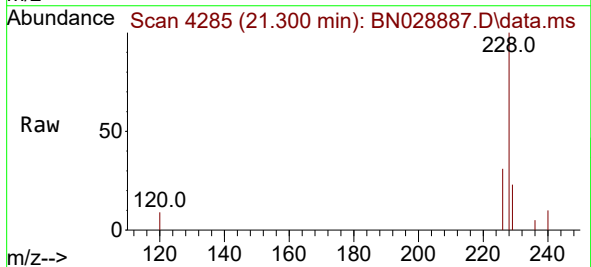
Instrument :
BNA_N
ClientSampleId :
SLCS405

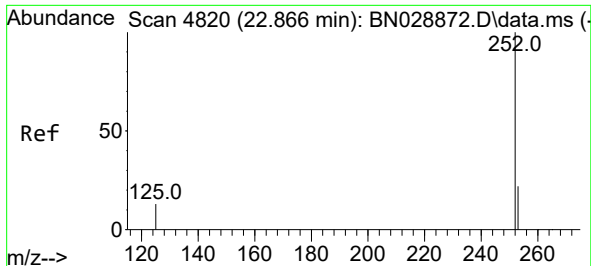
Tgt Ion:228 Resp: 13197
Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 29.0 21.4 32.0



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.300 min Scan# 4285
Delta R.T. -0.005 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:228 Resp: 14389
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.8
229 22.7 15.4 23.2

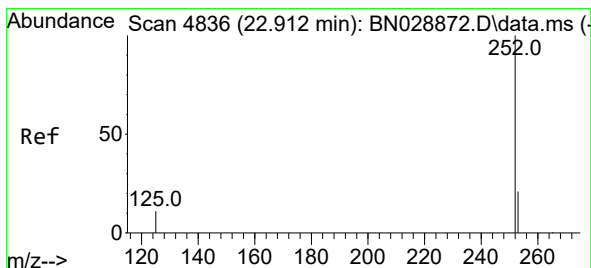
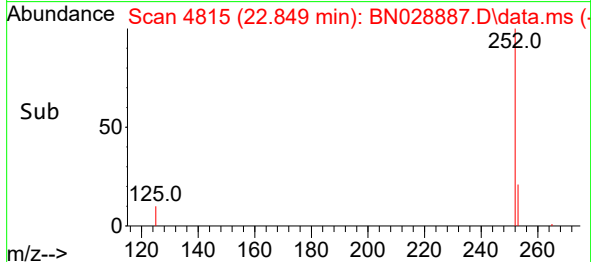
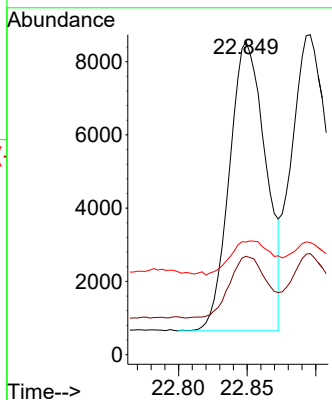
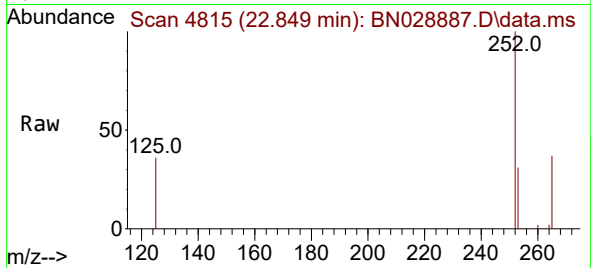




#24
Benzo(b)fluoranthene
Concen: 0.287 ng/ul
RT: 22.849 min Scan# 4815
Delta R.T. -0.005 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

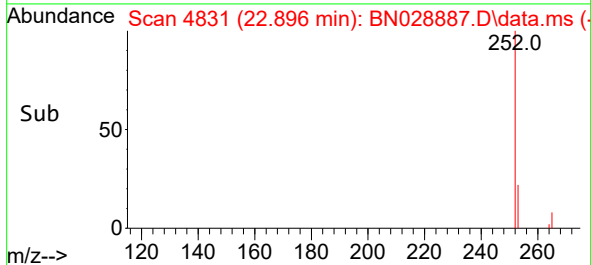
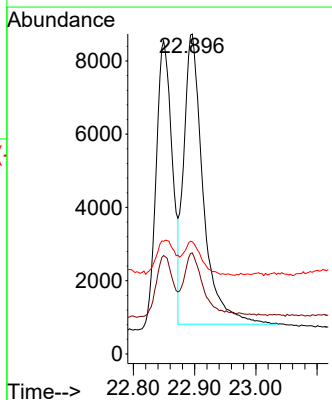
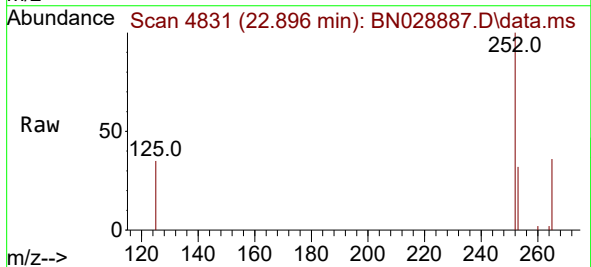
Instrument :
BNA_N
ClientSampleId :
SLCS405

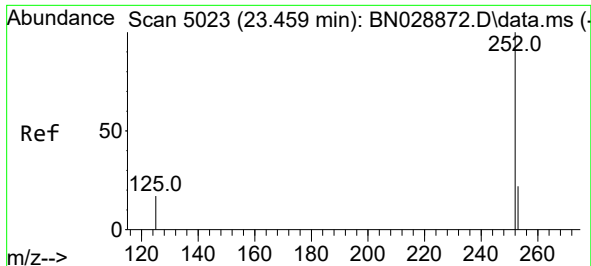
Tgt Ion:252 Resp: 14543
Ion Ratio Lower Upper
252 100
253 31.4 0.0 46.6
125 36.0 0.0 27.6#



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 22.896 min Scan# 4831
Delta R.T. -0.008 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:252 Resp: 17460
Ion Ratio Lower Upper
252 100
253 31.6 18.6 28.0#
125 35.1 12.7 19.1#

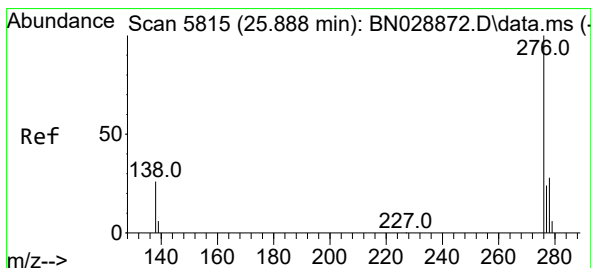
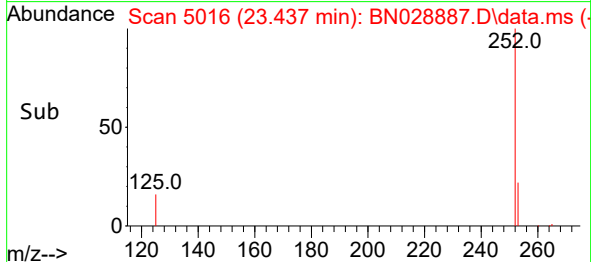
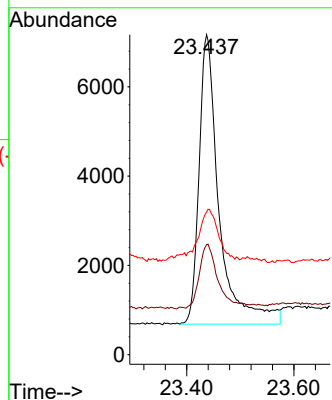
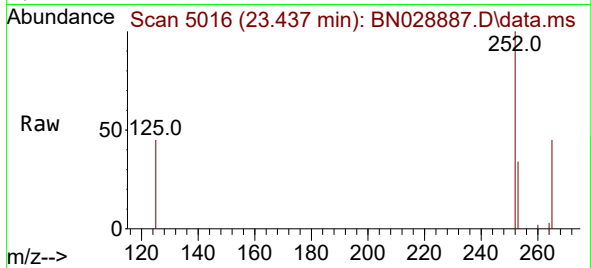




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.437 min Scan# 5016
Delta R.T. -0.008 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

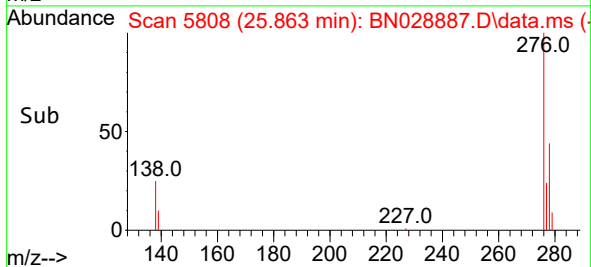
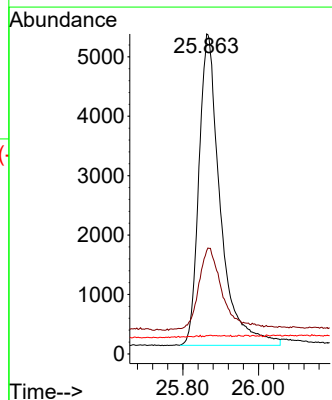
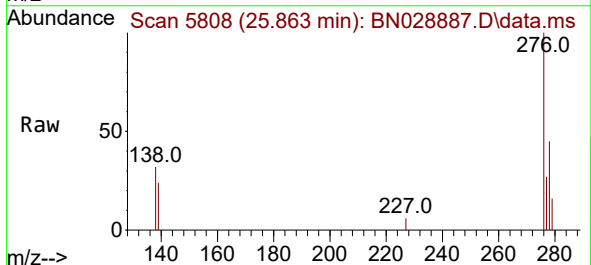
Instrument :
BNA_N
ClientSampleId :
SLCS405

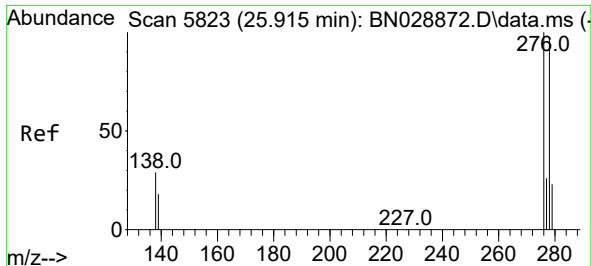
Tgt Ion:252 Resp: 16811
Ion Ratio Lower Upper
252 100
253 34.4 19.0 28.6#
125 44.5 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 25.863 min Scan# 5808
Delta R.T. -0.012 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:276 Resp: 20541
Ion Ratio Lower Upper
276 100
138 28.7 23.8 35.6
227 0.4 0.1 0.1#

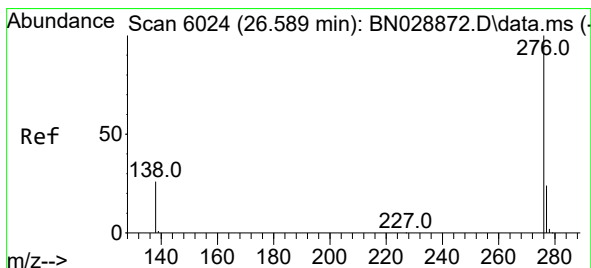
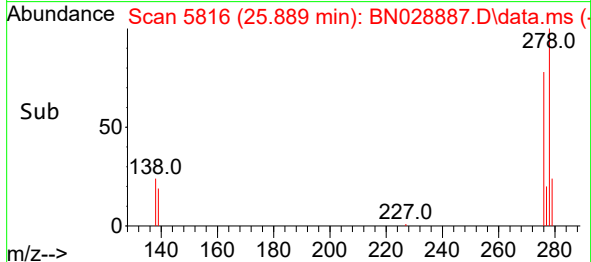
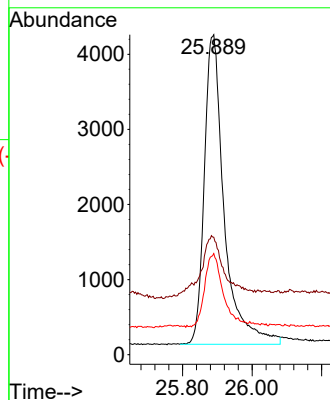
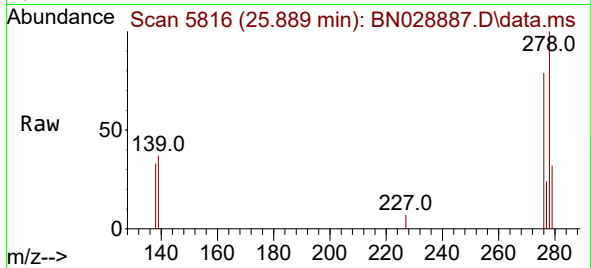




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.889 min Scan# 5816
Delta R.T. -0.008 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SLCS405

Tgt Ion:278 Resp: 16350
Ion Ratio Lower Upper
278 100
139 36.7 18.2 27.4#
279 31.6 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 26.574 min Scan# 6020
Delta R.T. -0.005 min
Lab File: BN028887.D
Acq: 27 Nov 2023 20:11

Tgt Ion:276 Resp: 17281
Ion Ratio Lower Upper
276 100
138 31.2 20.5 30.7#
277 27.0 19.4 29.0

