

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019939.D
 Acq On : 25 May 2022 01:54
 Operator : CG/JU
 Sample : PB145035BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS035

Quant Time: May 26 09:26:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

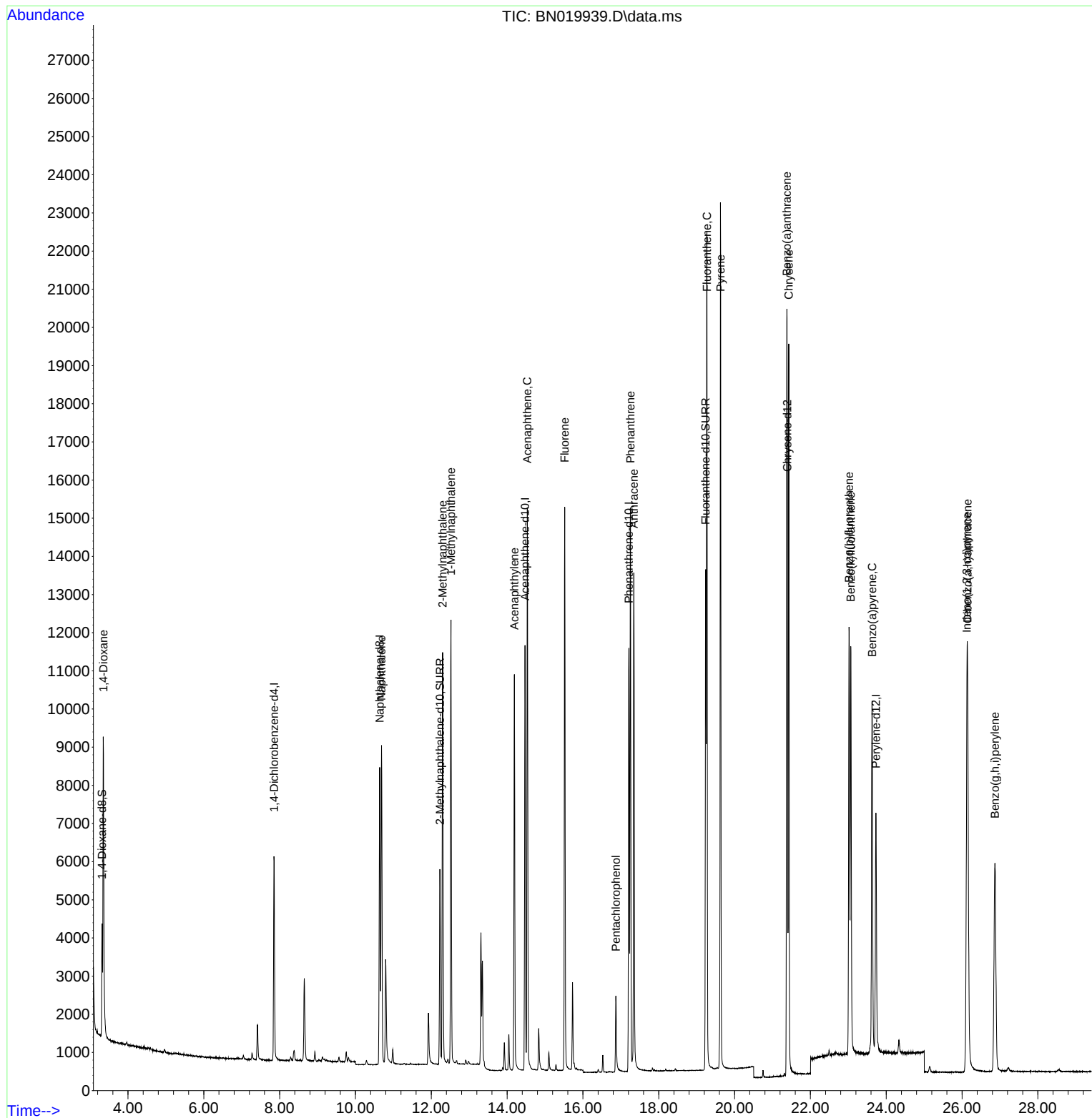
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3016	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	10837	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	6632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	13718	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	11030	0.400	ng/ul	0.00
23) Perylene-d12	23.729	264	8892	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2066	0.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	6889	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	14932	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.349	88	5166	1.760	ng/ul#	74
5) Naphthalene	10.687	128	11936	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.299	142	7961	0.353	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	8279	0.395	ng/ul#	100
10) Acenaphthylene	14.190	152	12432	0.329	ng/ul	99
11) Acenaphthene	14.533	153	8920	0.348	ng/ul	99
12) Fluorene	15.518	166	10026	0.350	ng/ul	99
14) Pentachlorophenol	16.869	266	1623	0.710	ng/ul	88
15) Phenanthrene	17.254	178	16819	0.349	ng/ul	99
16) Anthracene	17.342	178	15135	0.335	ng/ul	98
19) Fluoranthene	19.270	202	19436	0.353	ng/ul	97
20) Pyrene	19.628	202	19657	0.352	ng/ul	100
21) Benzo(a)anthracene	21.376	228	16006	0.355	ng/ul	100
22) Chrysene	21.429	228	17036	0.374	ng/ul	99
24) Benzo(b)fluoranthene	23.019	252	15226	0.387	ng/ul	91
25) Benzo(k)fluoranthene	23.066	252	14503	0.379	ng/ul	97
26) Benzo(a)pyrene	23.627	252	14068	0.378	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.127	276	14929	0.383	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.148	278	12207	0.382	ng/ul#	81
29) Benzo(g,h,i)perylene	26.869	276	12685	0.380	ng/ul	98

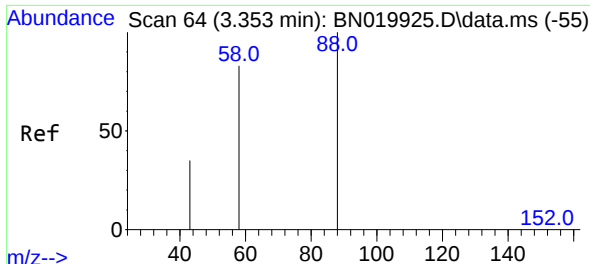
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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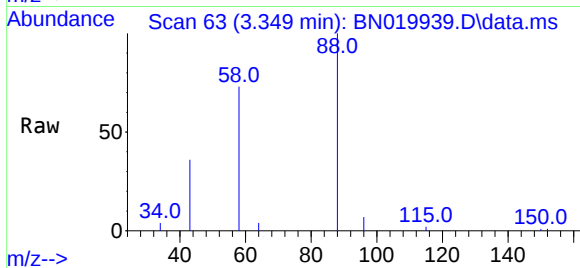
Quant Time: May 26 09:26:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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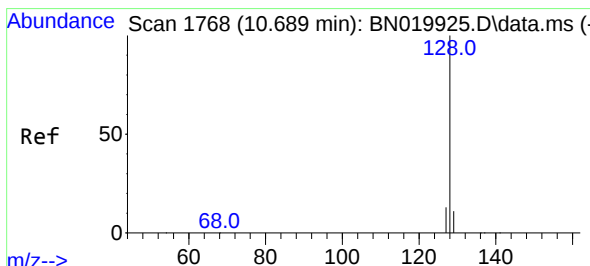
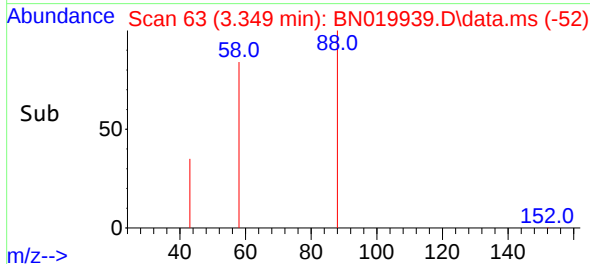
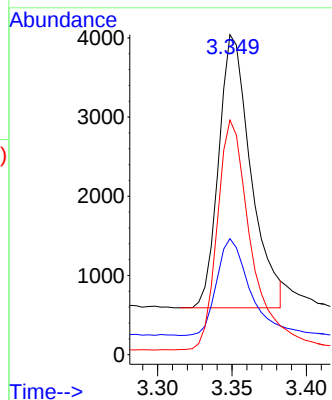


#2
1,4-Dioxane
Concen: 1.760 ng/ul
RT: 3.349 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Instrument :
BNA_N
ClientSampleId :
SLCS035

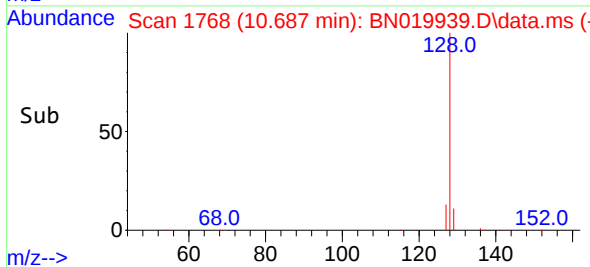
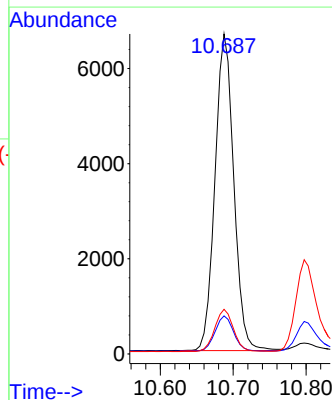
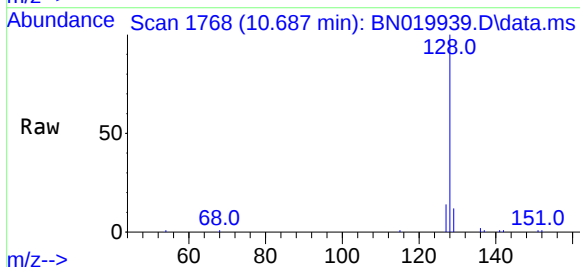


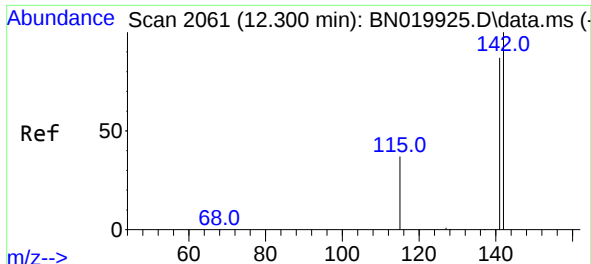
Tgt Ion: 88 Resp: 5166
Ion Ratio Lower Upper
88 100
43 36.2 39.0 58.4#
58 73.3 39.8 59.8#



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion: 128 Resp: 11936
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.0 11.0 16.4

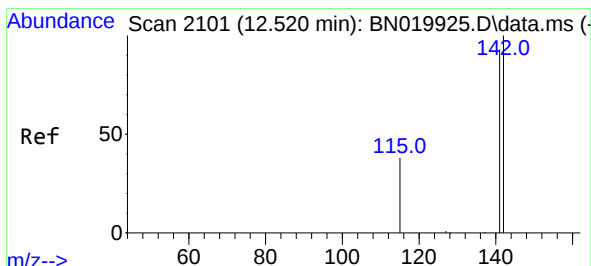
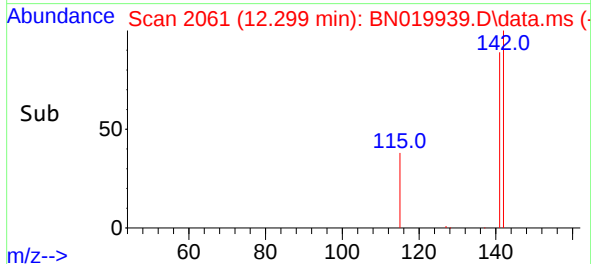
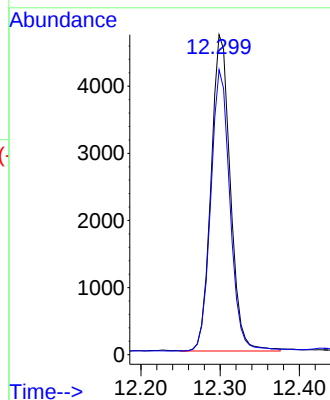
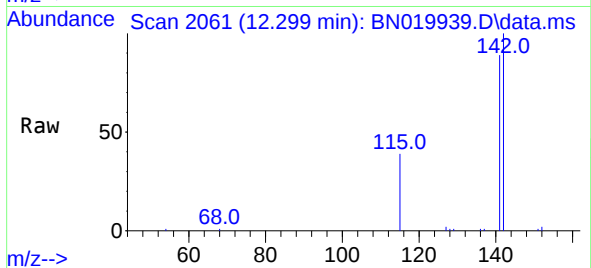




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

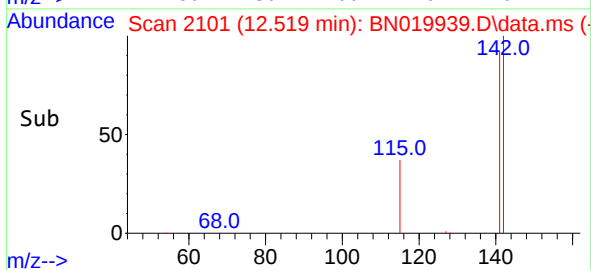
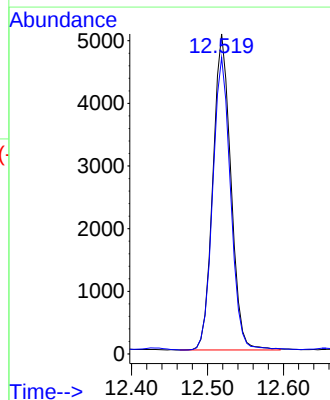
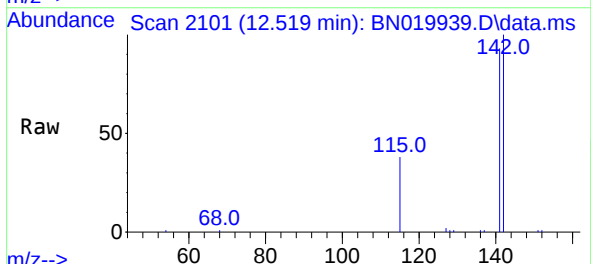
Instrument :
BNA_N
ClientSampleId :
SLCS035

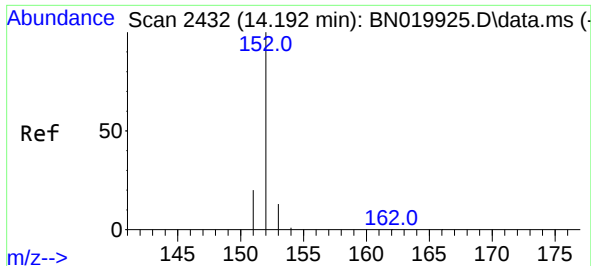
Tgt Ion:142 Resp: 7961
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:142 Resp: 8279
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

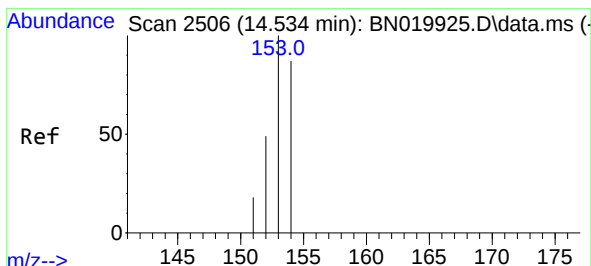
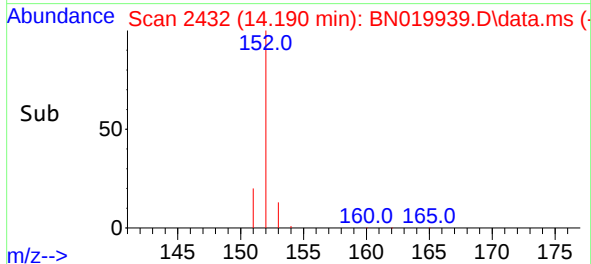
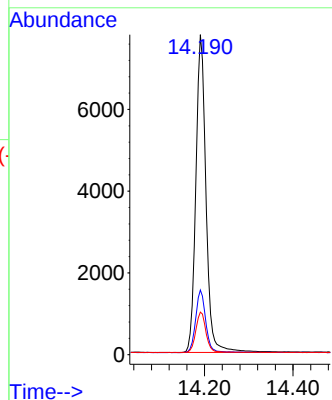
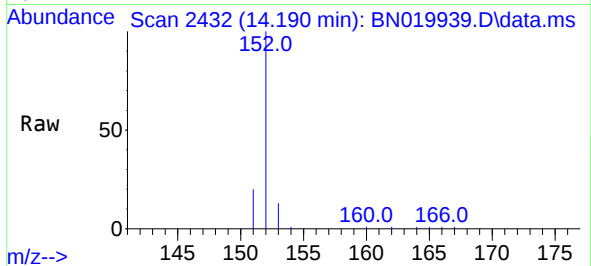




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 14.190 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

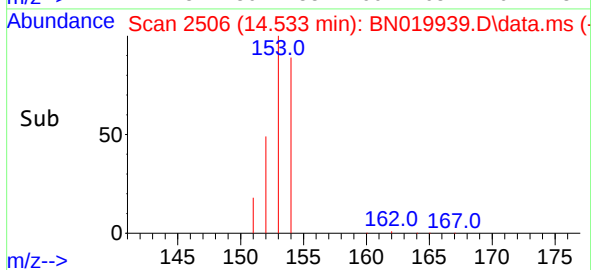
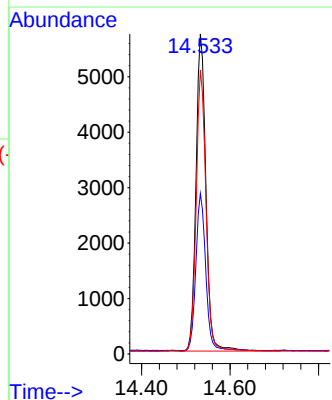
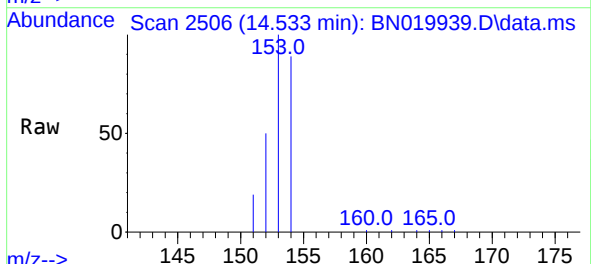
Instrument :
BNA_N
ClientSampleId :
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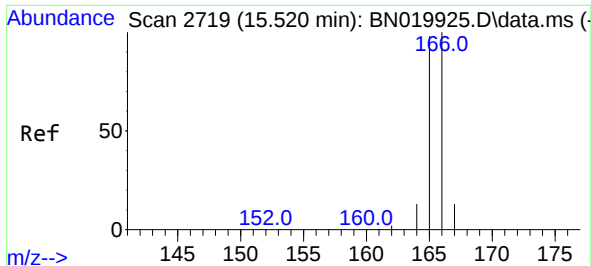
Tgt Ion:	152	Resp:	12432
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.3	11.1	16.7



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:	153	Resp:	8920
Ion	Ratio	Lower	Upper
153	100		
152	50.1	38.6	57.8
154	88.8	71.2	106.8

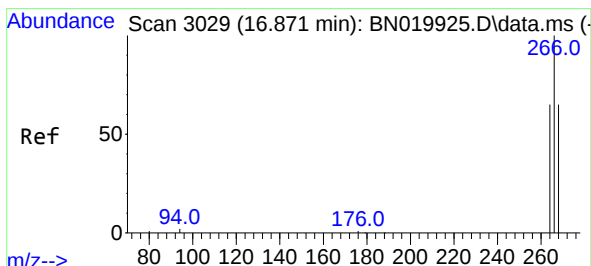
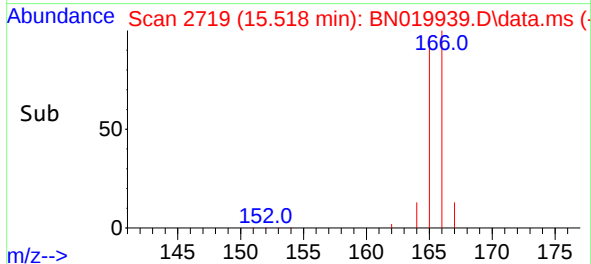
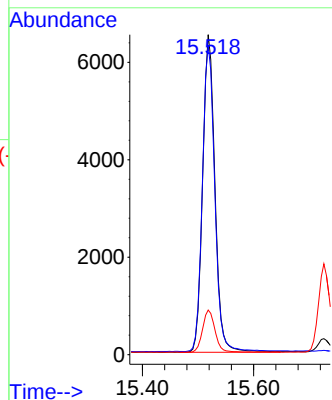
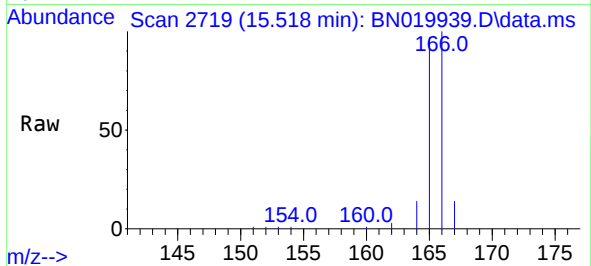




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.518 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

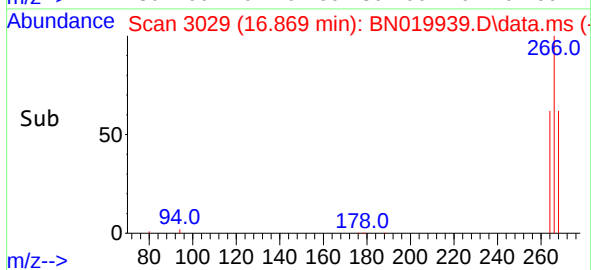
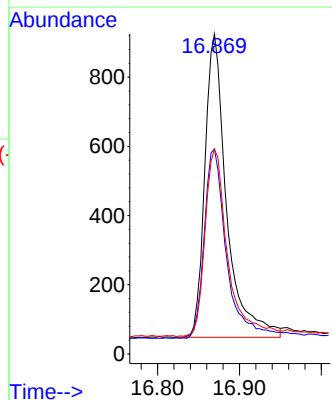
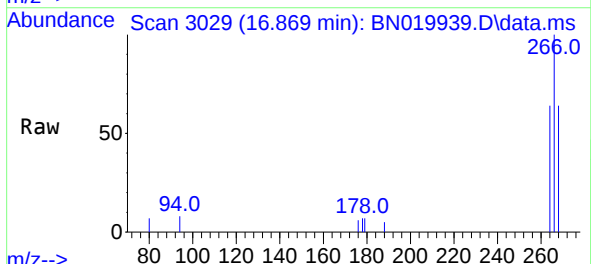
Instrument :
BNA_N
ClientSampleId :
SLCS035

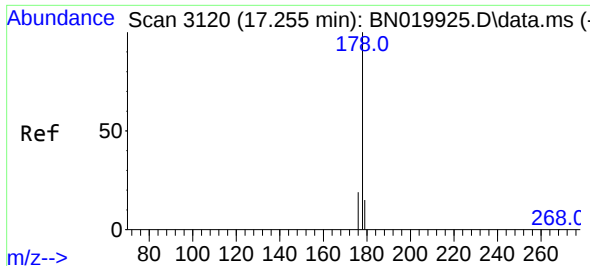
Tgt Ion:166 Resp: 10026
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.710 ng/ul
RT: 16.869 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:266 Resp: 1623
Ion Ratio Lower Upper
266 100
264 64.2 44.9 67.3
268 64.5 44.6 67.0

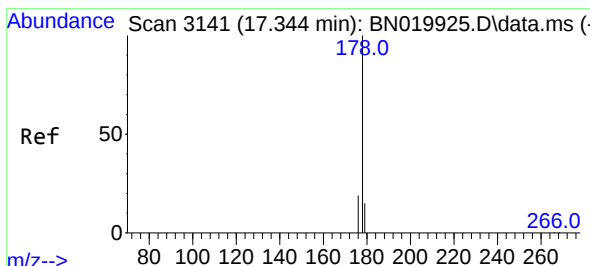
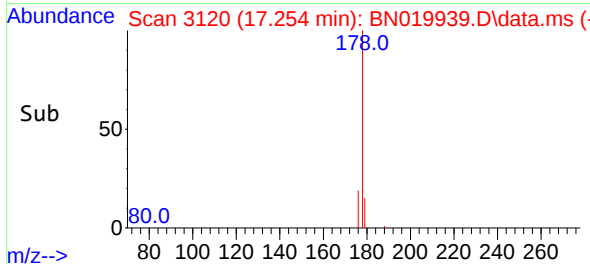
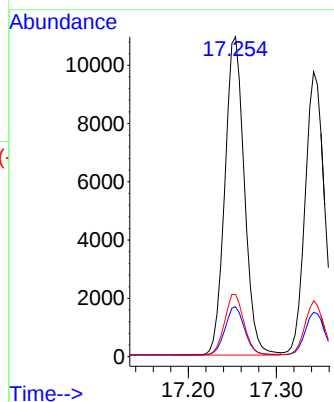
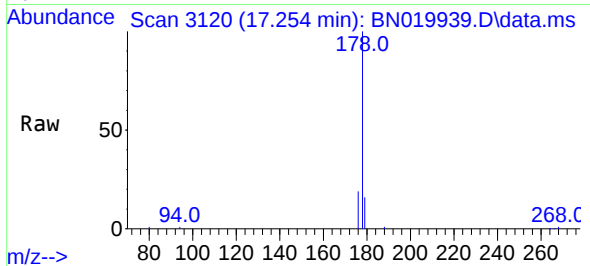




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

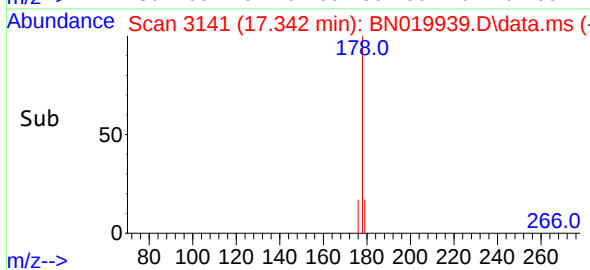
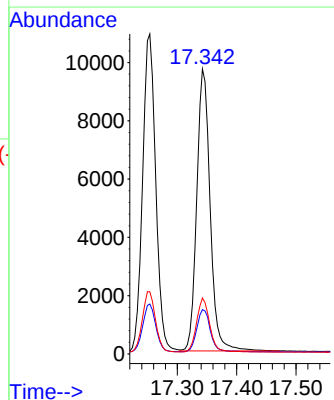
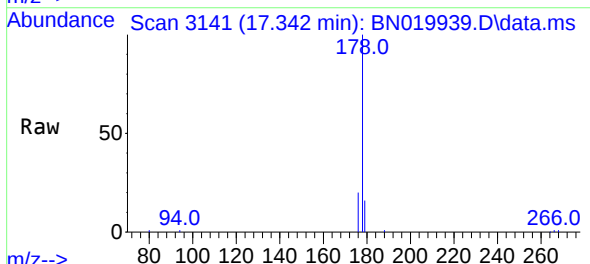
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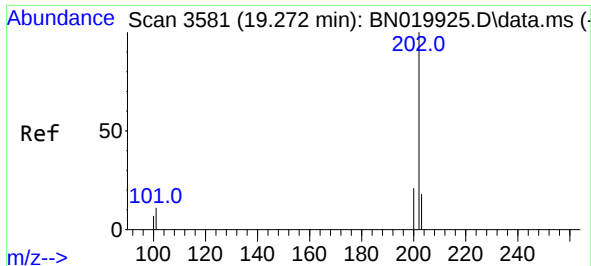
Tgt Ion:	178	Resp:	16819
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.5	15.5	23.3



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.342 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:	178	Resp:	15135
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	19.7	15.3	22.9

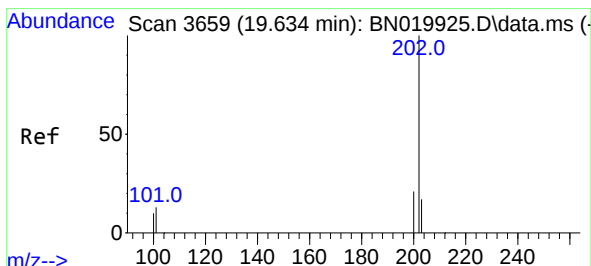
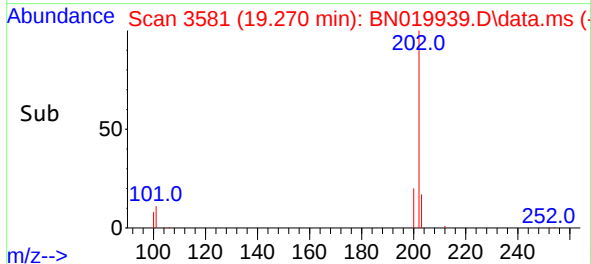
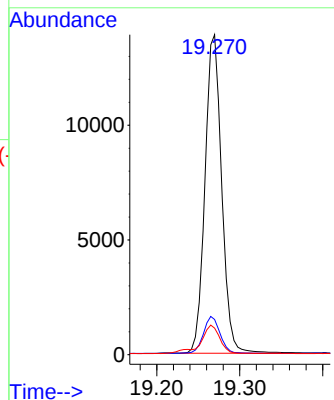
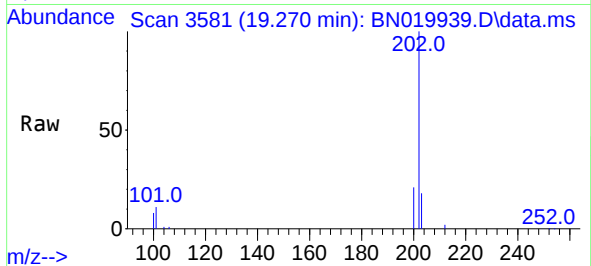




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.270 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

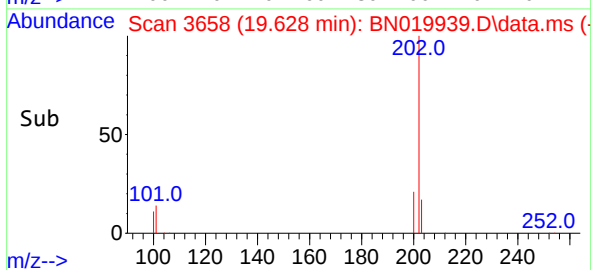
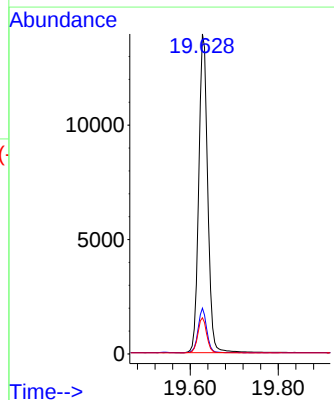
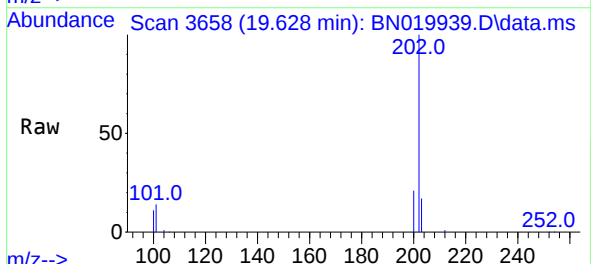
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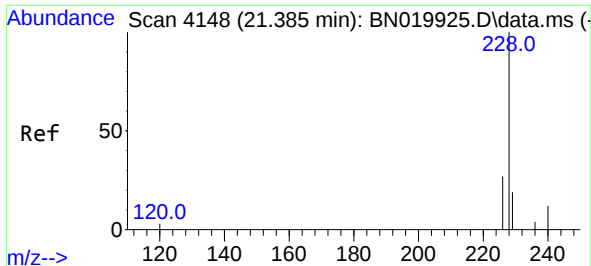
Tgt Ion:202 Resp: 19436
Ion Ratio Lower Upper
202 100
101 11.0 9.7 14.5
100 8.3 7.4 11.2



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:202 Resp: 19657
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.3 9.0 13.4

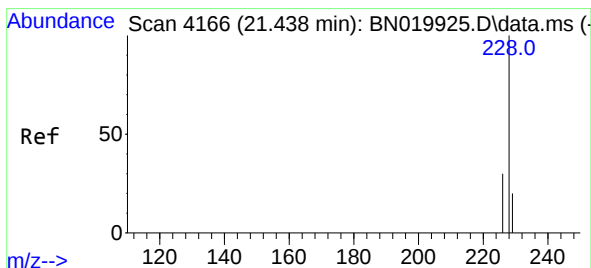
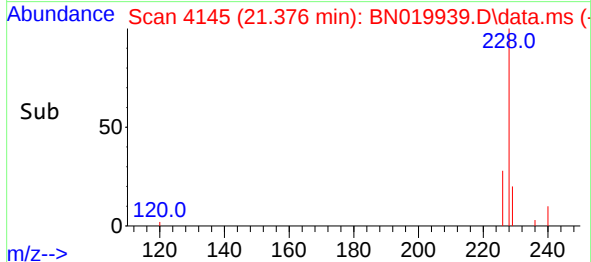
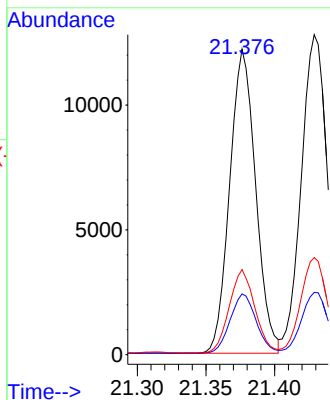
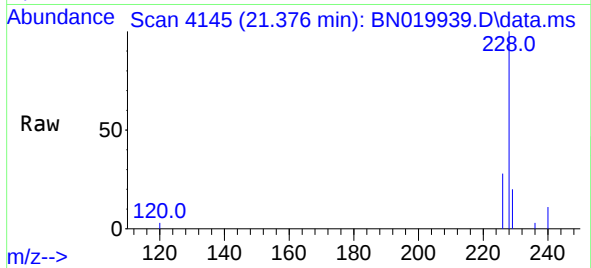




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.376 min Scan# 4148
Delta R.T. -0.009 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

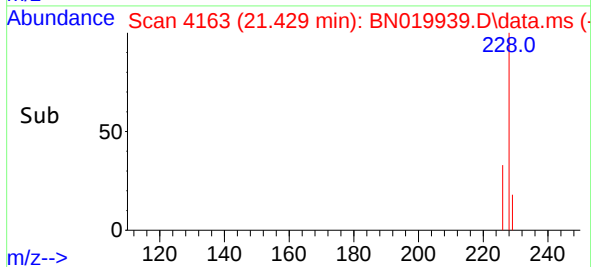
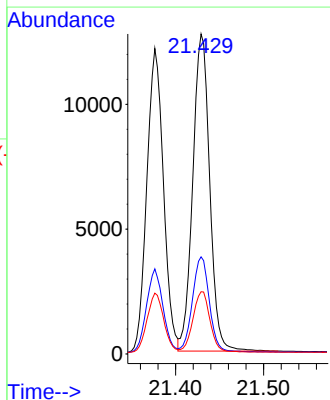
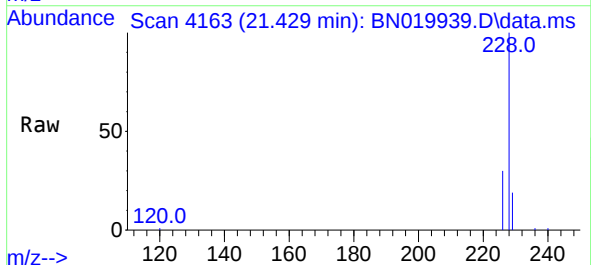
Instrument :
BNA_N
ClientSampleId :
SLCS035

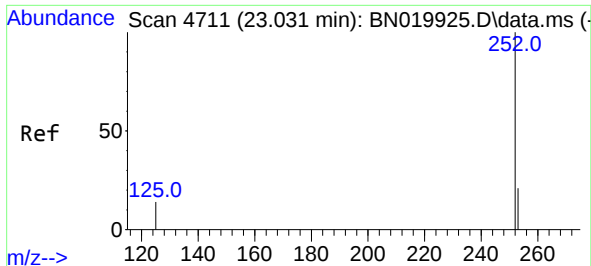
Tgt Ion:228 Resp: 16006
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:228 Resp: 17036
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.5 16.0 24.0

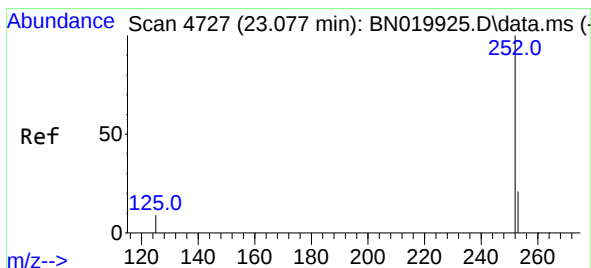
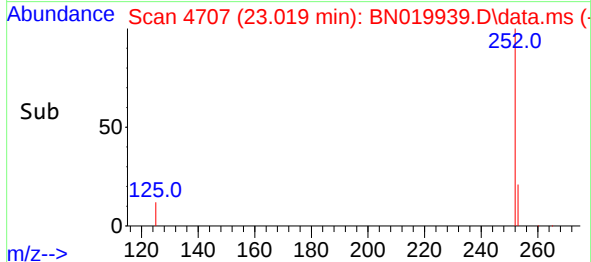
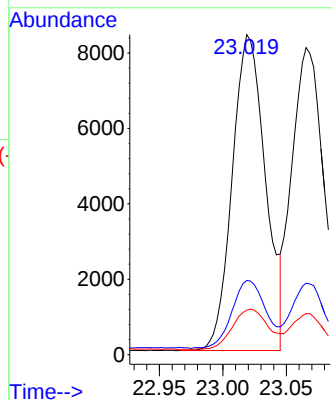
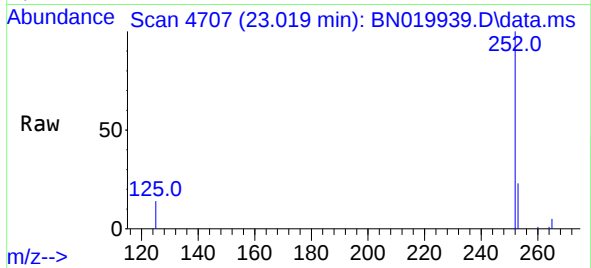




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.019 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

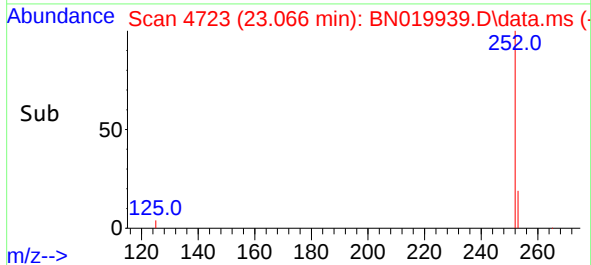
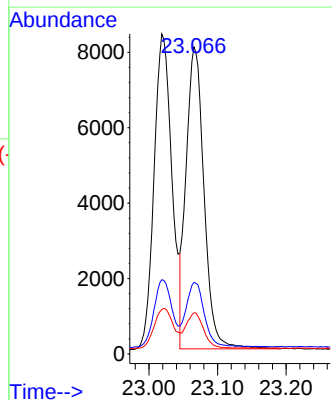
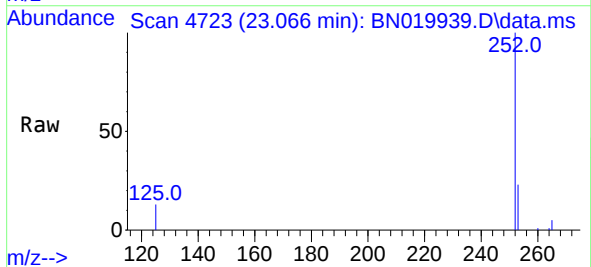
Instrument :
BNA_N
ClientSampleId :
SLCS035

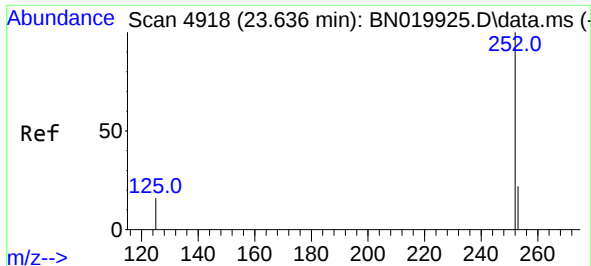
Tgt Ion:252 Resp: 15226
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.0
125 13.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.066 min Scan# 4723
Delta R.T. -0.015 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:252 Resp: 14503
Ion Ratio Lower Upper
252 100
253 23.3 20.2 30.2
125 13.3 11.0 16.6

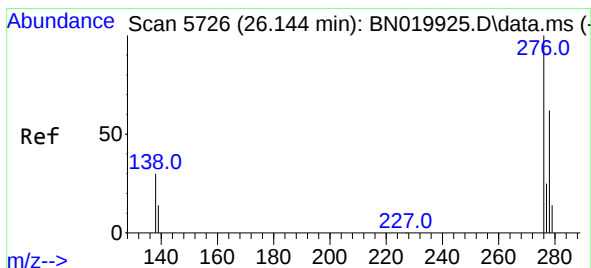
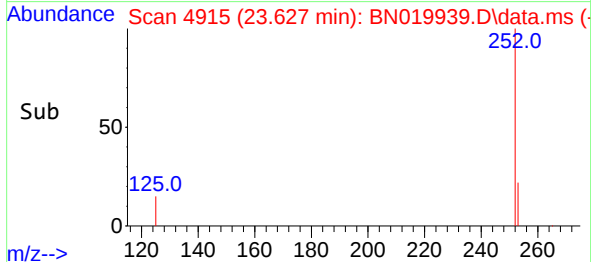
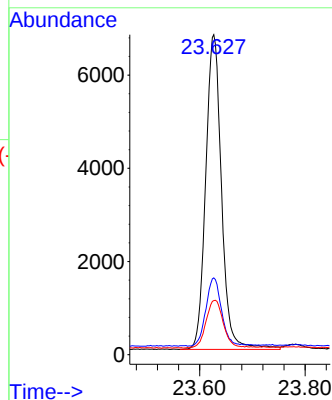
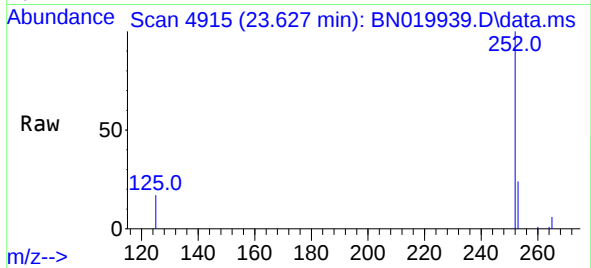




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.627 min Scan# 4918
Delta R.T. -0.012 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

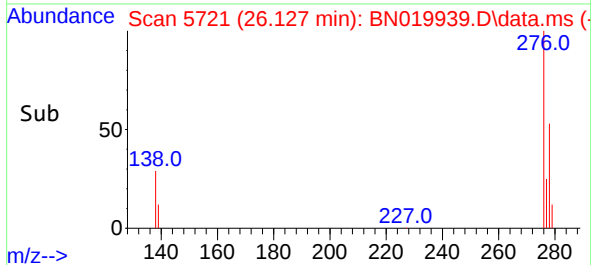
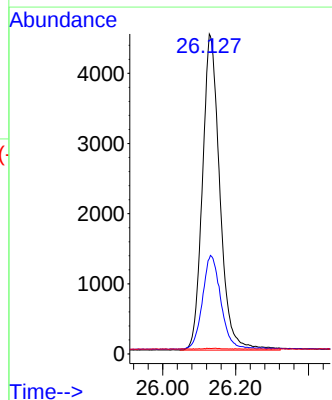
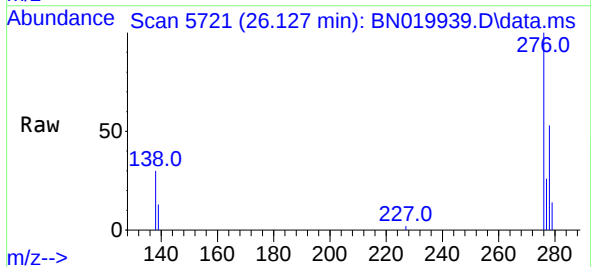
Instrument :
BNA_N
ClientSampleId :
SLCS035

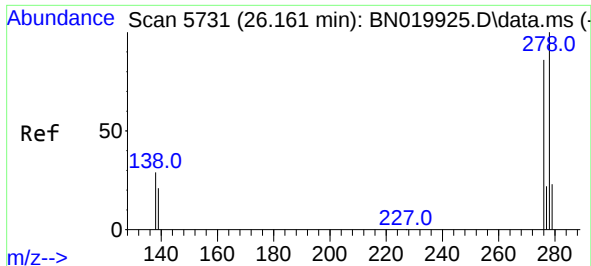
Tgt Ion:252 Resp: 14068
Ion Ratio Lower Upper
252 100
253 24.0 23.4 35.0
125 16.9 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.127 min Scan# 5721
Delta R.T. -0.023 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:276 Resp: 14929
Ion Ratio Lower Upper
276 100
138 31.8 23.6 35.4
227 0.1 0.0 0.0#

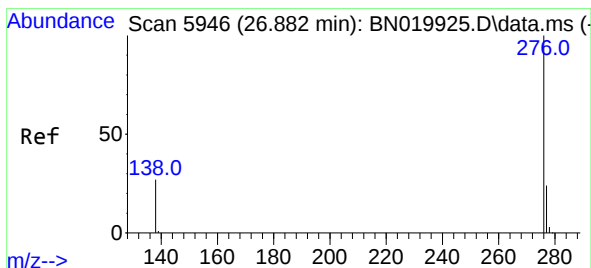
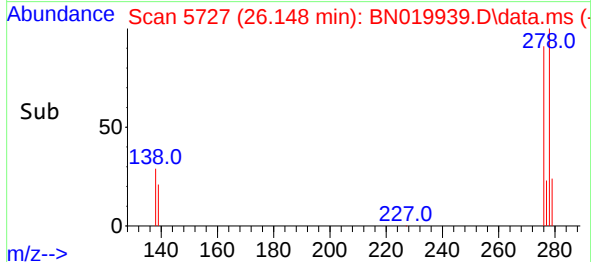
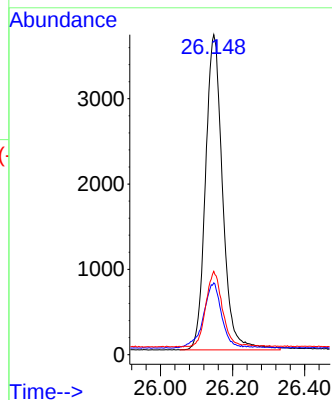
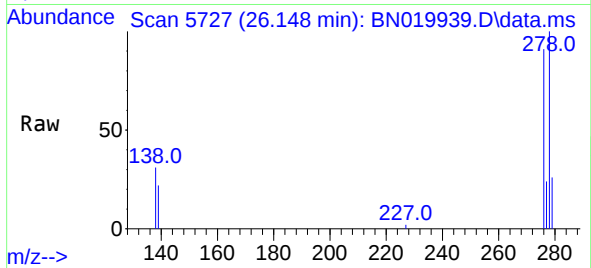




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.148 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Instrument :
BNA_N
ClientSampleId :
SLCS035

Tgt Ion:278 Resp: 12207
Ion Ratio Lower Upper
278 100
139 22.4 18.6 28.0
279 26.0 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.869 min Scan# 5942
Delta R.T. -0.017 min
Lab File: BN019939.D
Acq: 25 May 2022 01:54

Tgt Ion:276 Resp: 12685
Ion Ratio Lower Upper
276 100
138 27.5 20.9 31.3
277 24.9 20.4 30.6

