

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032282.D
 Acq On : 27 Jun 2024 16:13
 Operator : MA/JU
 Sample : P2909-16DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN6DL

Quant Time: Jun 27 16:40:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

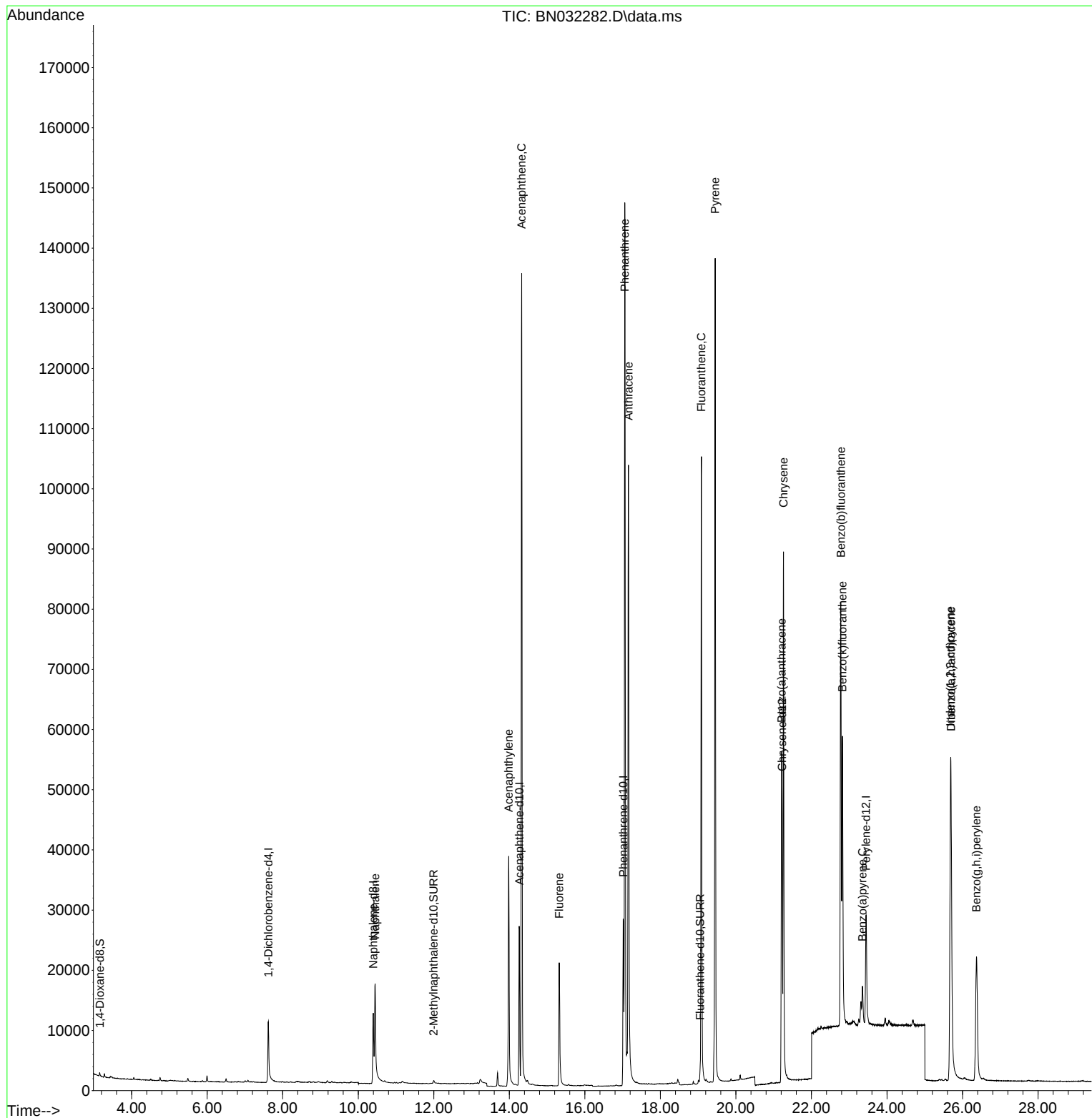
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	6782	0.400	ng/ul	0.00
4) Naphthalene-d8	10.398	136	21725	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.267	164	15735	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.020	188	35591	0.400	ng/ul	0.00
17) Chrysene-d12	21.223	240	29637	0.400	ng/ul	0.00
23) Perylene-d12	23.447	264	27213	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	489	0.065	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.999	152	1102	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	3463	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.448	128	29087	0.506	ng/ul	99
10) Acenaphthylene	13.985	152	50109	0.766	ng/ul	99
11) Acenaphthene	14.327	153	85014	1.674	ng/ul	98
12) Fluorene	15.322	166	17130	0.283	ng/ul	100
15) Phenanthrene	17.058	178	170200	1.744	ng/ul	99
16) Anthracene	17.155	178	133472	1.534	ng/ul	99
19) Fluoranthene	19.087	202	98723	0.875	ng/ul	99
20) Pyrene	19.450	202	122069	1.035	ng/ul	99
21) Benzo(a)anthracene	21.209	228	45004	0.421	ng/ul	99
22) Chrysene	21.261	228	82267	0.701	ng/ul	99
24) Benzo(b)fluoranthene	22.778	252	95040	0.804	ng/ul	96
25) Benzo(k)fluoranthene	22.822	252	66229	0.577	ng/ul	98
26) Benzo(a)pyrene	23.351	252	9967	0.121	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.683	276	69827	0.542	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.696	278	55642	0.581	ng/ul	98
29) Benzo(g,h,i)perylene	26.371	276	48749	0.475	ng/ul	99

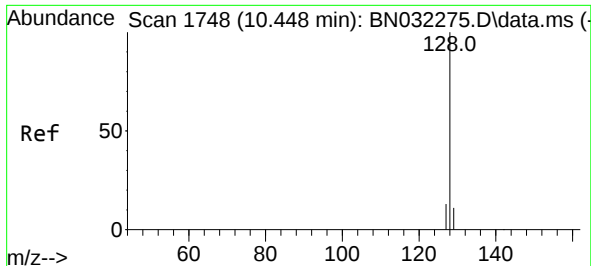
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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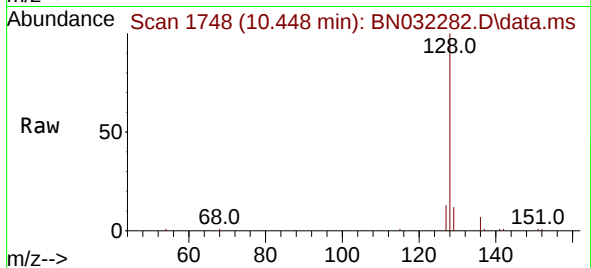
Quant Time: Jun 27 16:40:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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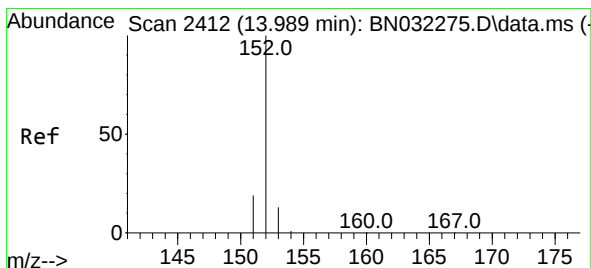
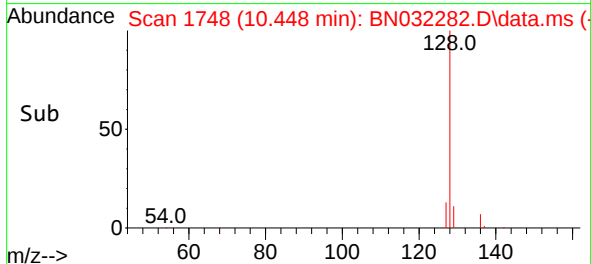
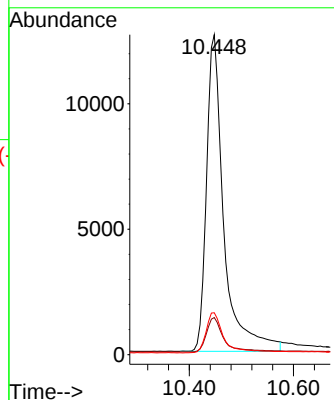


#5
Naphthalene
Concen: 0.506 ng/u1
RT: 10.448 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Instrument :
BNA_N
ClientSampleId :
A4DN6DL

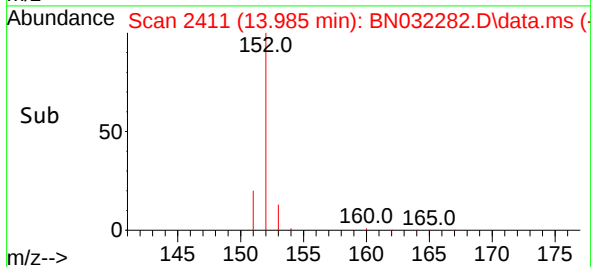
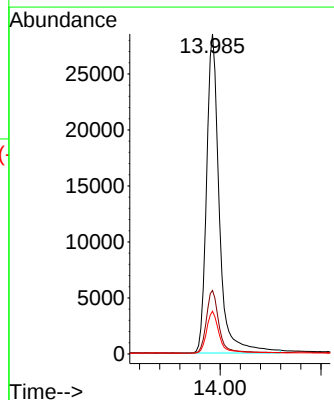
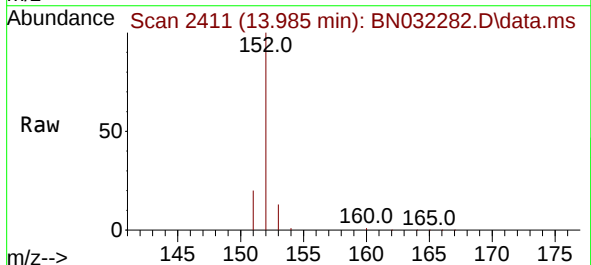


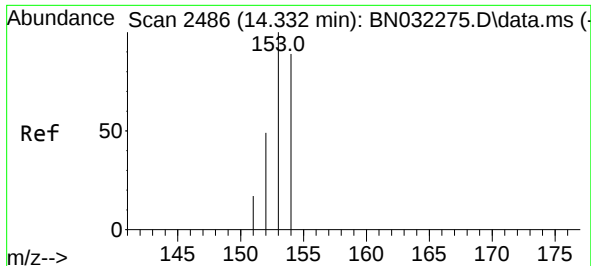
Tgt Ion:	128	Resp:	29087
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.1	10.8	16.2



#10
Acenaphthylene
Concen: 0.766 ng/u1
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:	152	Resp:	50109
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.9	16.3

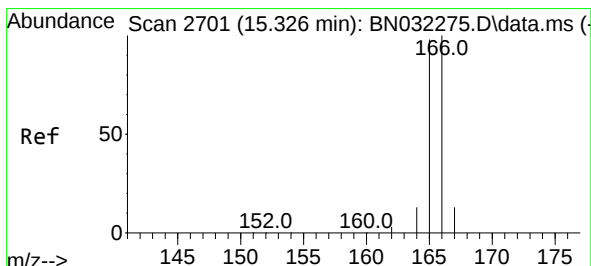
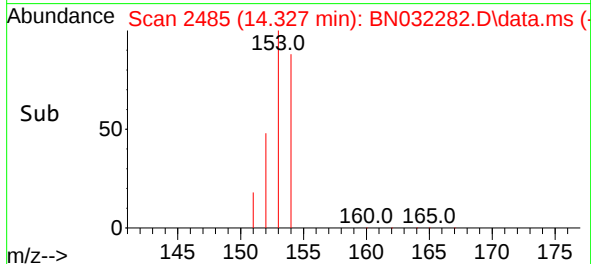
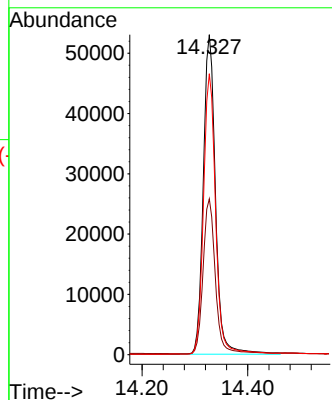
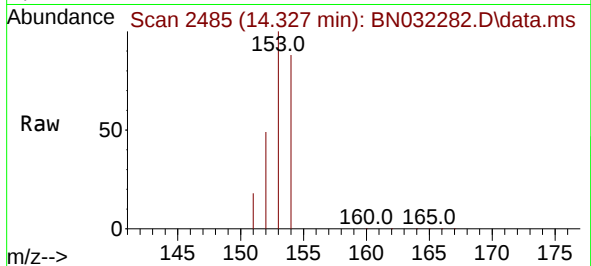




#11
Acenaphthene
Concen: 1.674 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

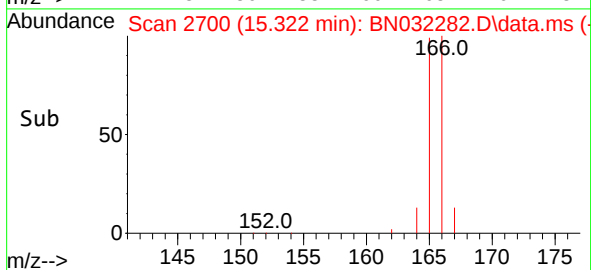
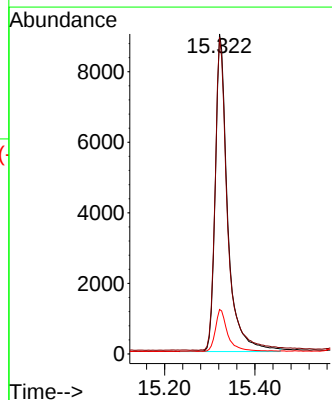
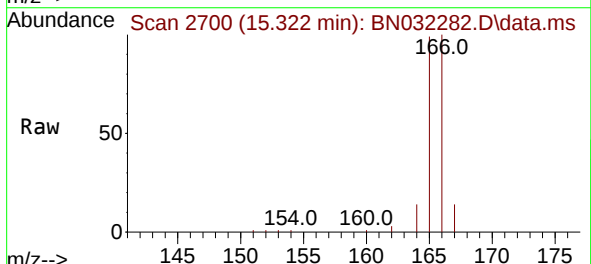
Instrument :
BNA_N
ClientSampleId :
A4DN6DL

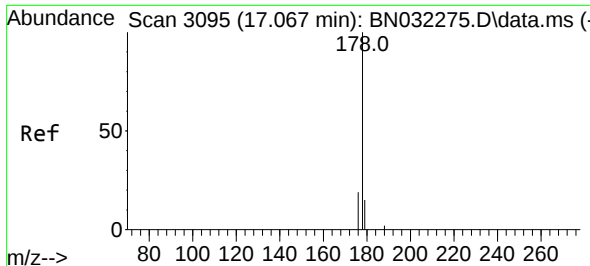
Tgt Ion:153 Resp: 85014
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 87.8 71.7 107.5



#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.322 min Scan# 2700
Delta R.T. -0.005 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:166 Resp: 17130
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 13.9 11.0 16.6

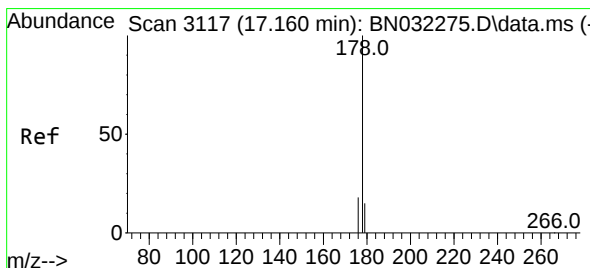
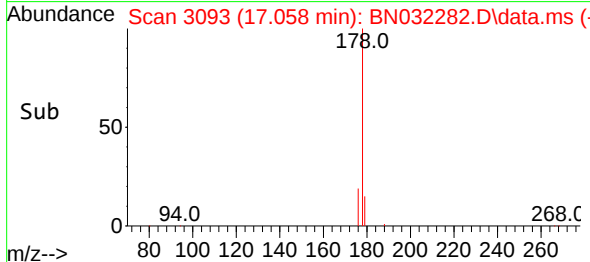
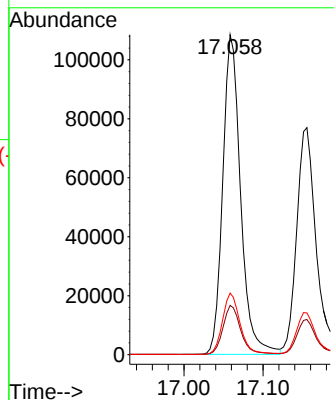
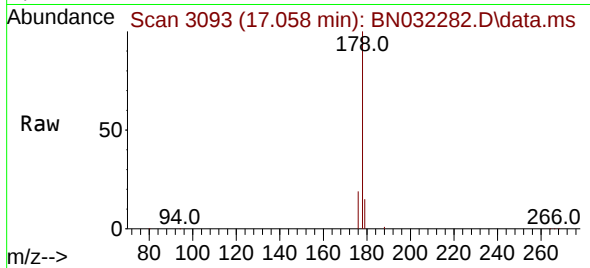




#15
Phenanthrene
Concen: 1.744 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

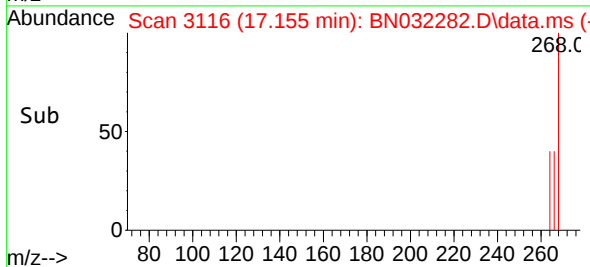
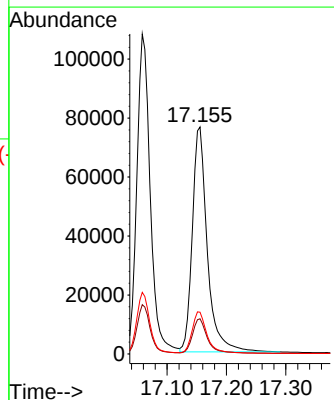
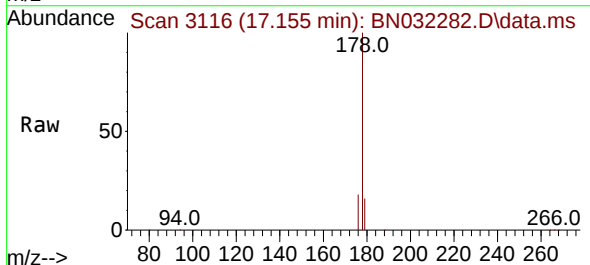
Instrument :
BNA_N
ClientSampleId :
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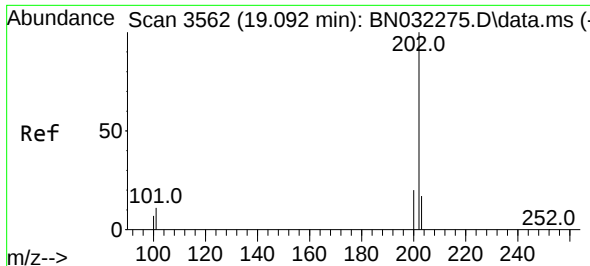
Tgt Ion:178 Resp: 170200
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4



#16
Anthracene
Concen: 1.534 ng/ul
RT: 17.155 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:178 Resp: 133472
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.4 15.0 22.6

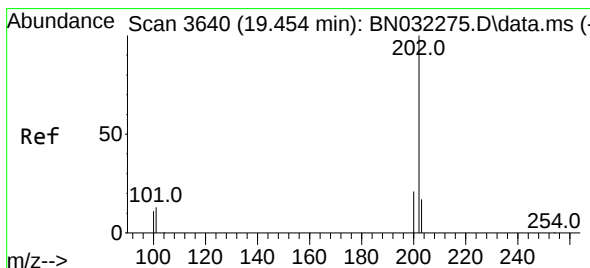
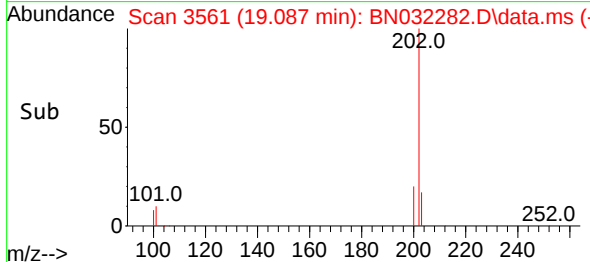
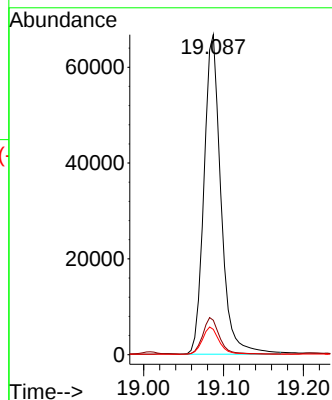
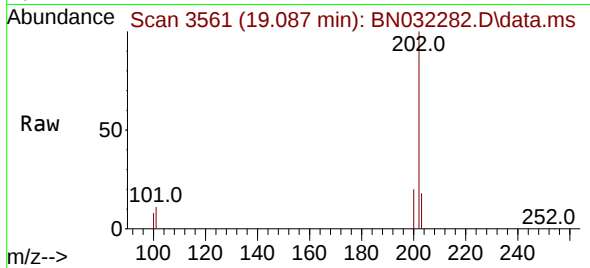




#19
Fluoranthene
Concen: 0.875 ng/ul
RT: 19.087 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

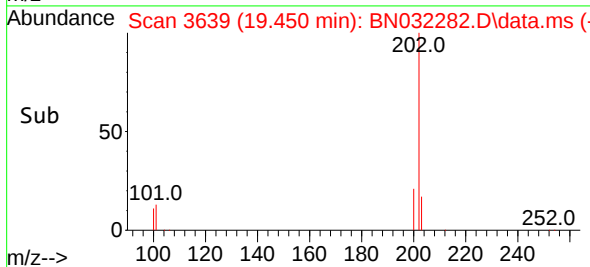
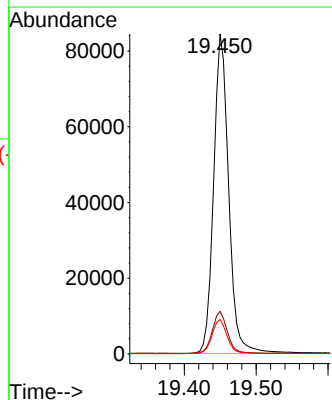
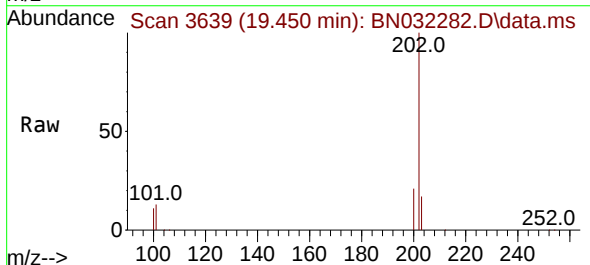
Instrument :
BNA_N
ClientSampleId :
A4DN6DL

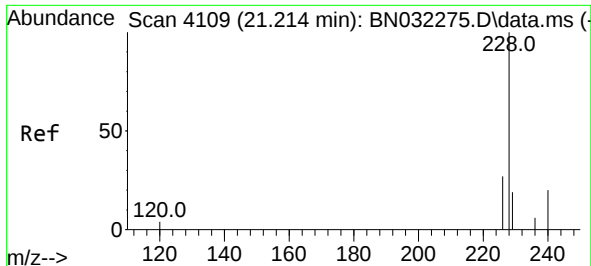
Tgt Ion:202 Resp: 98723
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 7.9 6.4 9.6



#20
Pyrene
Concen: 1.035 ng/ul
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:202 Resp: 122069
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.7 8.7 13.1

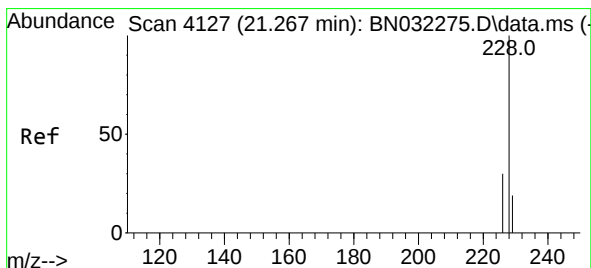
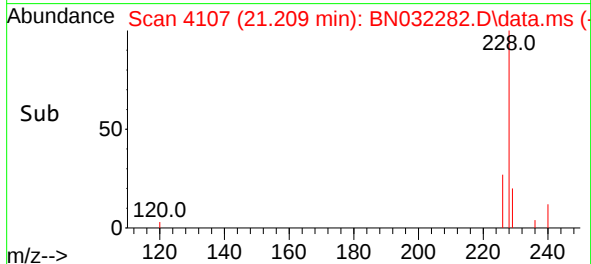
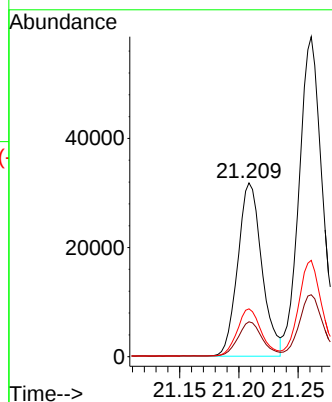
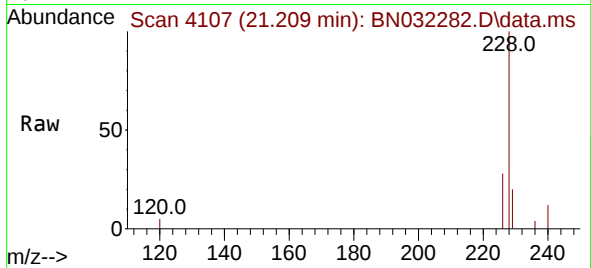




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.209 min Scan# 4109
Delta R.T. -0.006 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

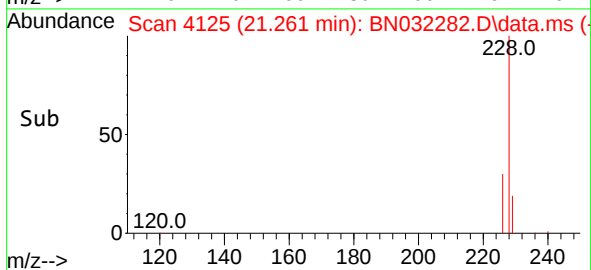
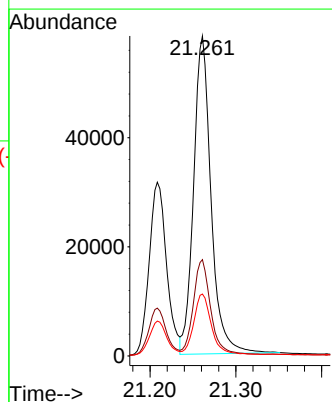
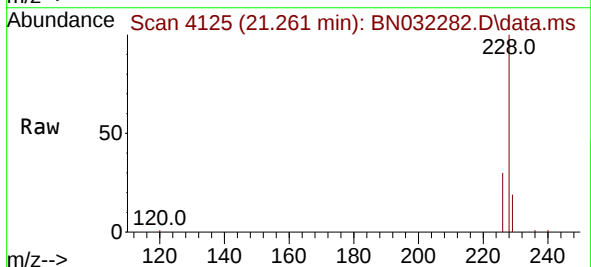
Instrument :
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ClientSampleId :
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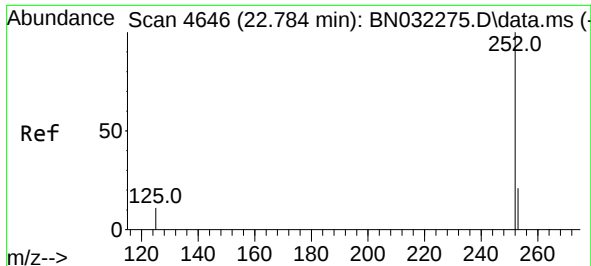
Tgt Ion:228 Resp: 45004
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.5 21.8 32.8



#22
Chrysene
Concen: 0.701 ng/ul
RT: 21.261 min Scan# 4125
Delta R.T. -0.006 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:228 Resp: 82267
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 19.4 15.7 23.5

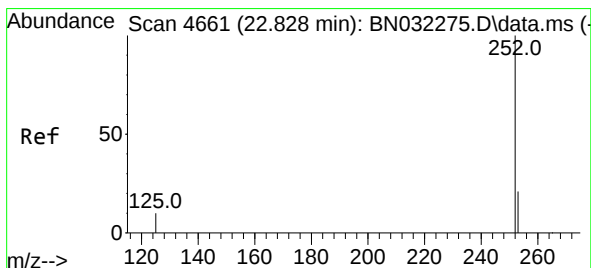
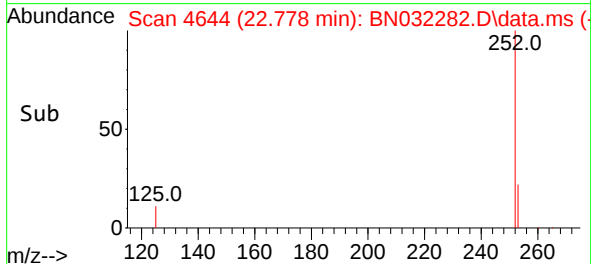
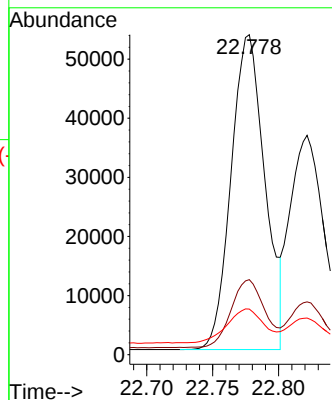
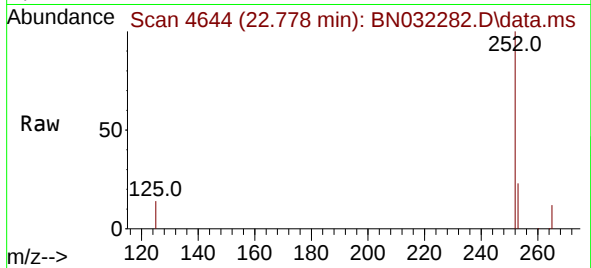




#24
Benzo(b)fluoranthene
Concen: 0.804 ng/ul
RT: 22.778 min Scan# 4644
Delta R.T. -0.006 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

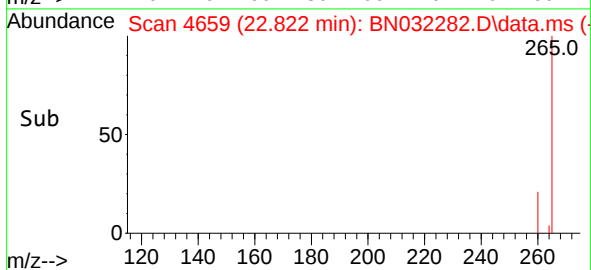
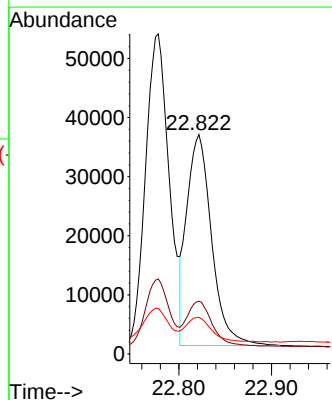
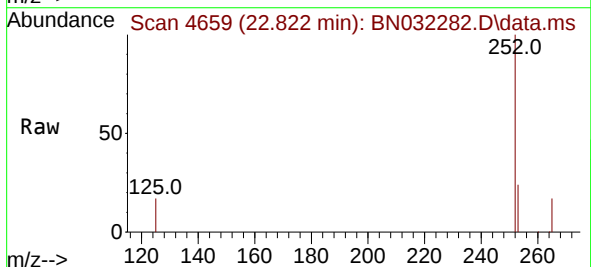
Instrument :
BNA_N
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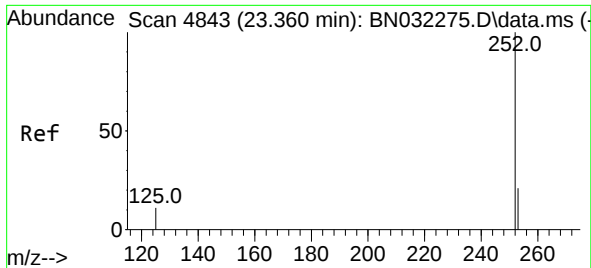
Tgt Ion:252 Resp: 95040
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 14.3 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.577 ng/ul
RT: 22.822 min Scan# 4659
Delta R.T. -0.006 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

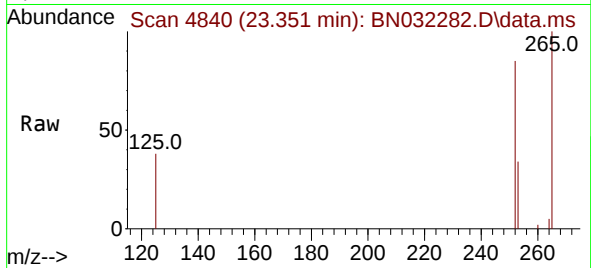
Tgt Ion:252 Resp: 66229
Ion Ratio Lower Upper
252 100
253 24.1 20.3 30.5
125 16.7 12.8 19.2



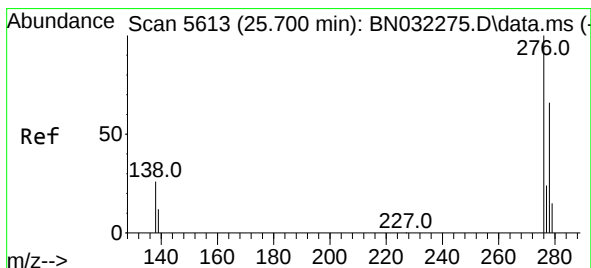
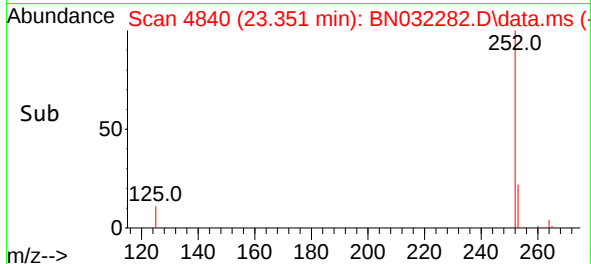
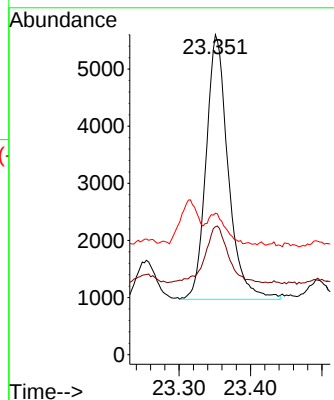


#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.351 min Scan# 4843
Delta R.T. -0.009 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Instrument :
BNA_N
ClientSampleId :
A4DN6DL

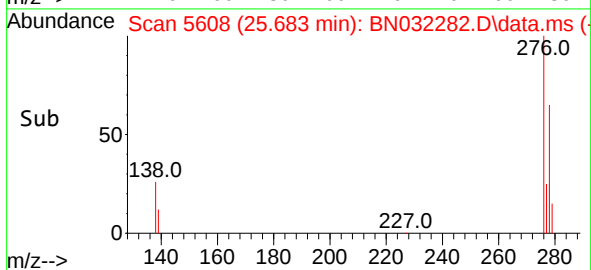
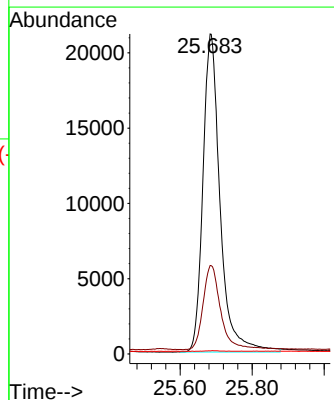
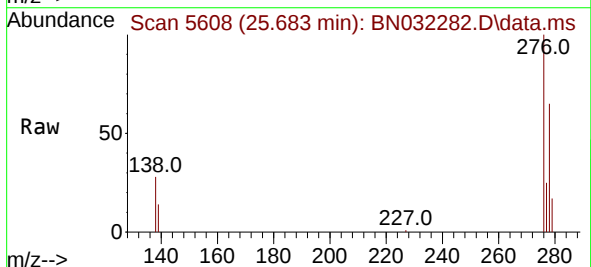


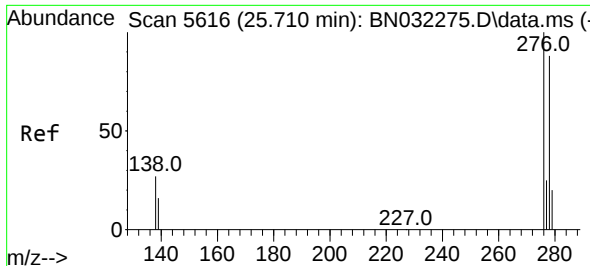
Tgt Ion:252 Resp: 9967
Ion Ratio Lower Upper
252 100
253 40.0 22.2 33.2#
125 44.2 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.542 ng/ul
RT: 25.683 min Scan# 5608
Delta R.T. -0.017 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:276 Resp: 69827
Ion Ratio Lower Upper
276 100
138 27.4 21.3 31.9
227 0.2 0.1 0.1#

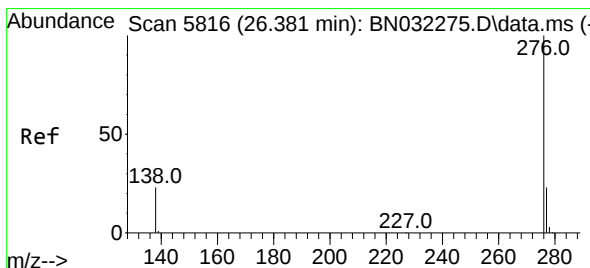
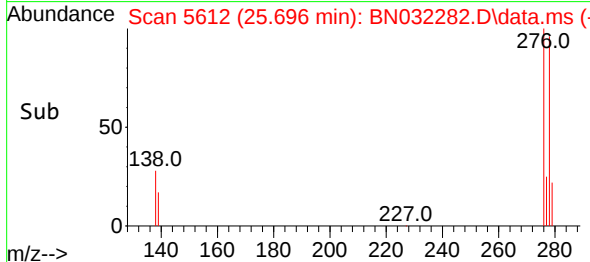
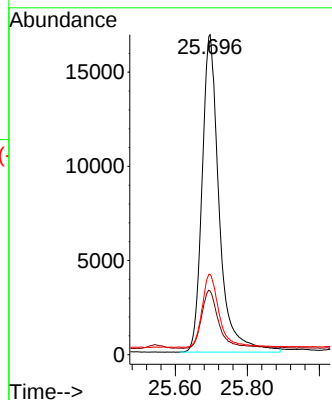
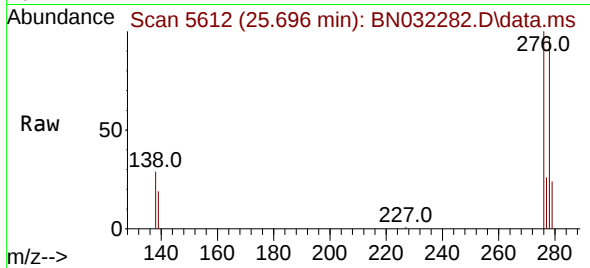




#28
Dibenzo(a,h)anthracene
Concen: 0.581 ng/ul
RT: 25.696 min Scan# 5612
Delta R.T. -0.014 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Instrument :
BNA_N
ClientSampleId :
A4DN6DL

Tgt Ion:278 Resp: 55642
Ion Ratio Lower Upper
278 100
139 19.8 15.9 23.9
279 25.1 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.475 ng/ul
RT: 26.371 min Scan# 5813
Delta R.T. -0.010 min
Lab File: BN032282.D
Acq: 27 Jun 2024 16:13

Tgt Ion:276 Resp: 48749
Ion Ratio Lower Upper
276 100
138 25.4 19.8 29.6
277 24.5 19.8 29.6

