

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026545.D
 Acq On : 17 Jul 2023 20:16
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46L3

Quant Time: Jul 18 04:22:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

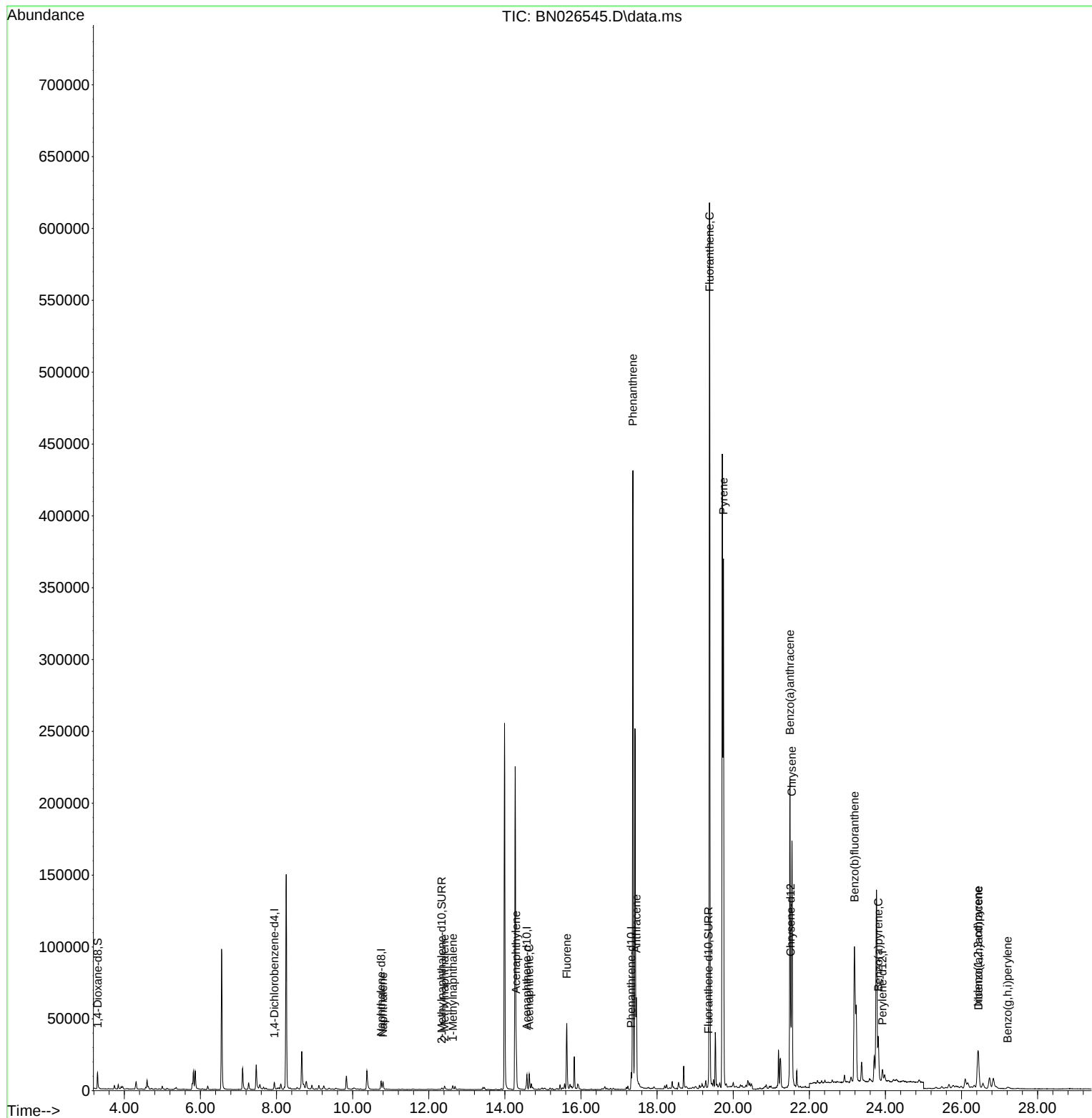
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	2839	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	8802	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	5953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	15155	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	13904	0.400	ng/ul	#-0.01
23) Perylene-d12	23.923	264	11733	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	7610	2.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1728	0.144	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	6052	0.126	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	7892	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	2029	0.148	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	2038	0.139	ng/ul	100
10) Acenaphthylene	14.297	152	30685	1.053	ng/ul	99
11) Acenaphthene	14.640	153	6666	0.300	ng/ul	99
12) Fluorene	15.625	166	31301	1.343	ng/ul	98
15) Phenanthrene	17.364	178	449239	9.308	ng/ul	97
16) Anthracene	17.457	178	73120	1.746	ng/ul	95
19) Fluoranthene	19.377	202	550123	8.441	ng/ul#	95
20) Pyrene	19.744	202	334359	4.724	ng/ul#	94
21) Benzo(a)anthracene	21.491	228	190480	3.728	ng/ul	98
22) Chrysene	21.543	228	168212	2.892	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	244221	5.343	ng/ul	80
26) Benzo(a)pyrene	23.812	252	46153	1.134	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.433	276	47868	0.897	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.447	278	16800	0.410	ng/ul#	89
29) Benzo(g,h,i)perylene	27.211	276	2976	0.063	ng/ul#	85

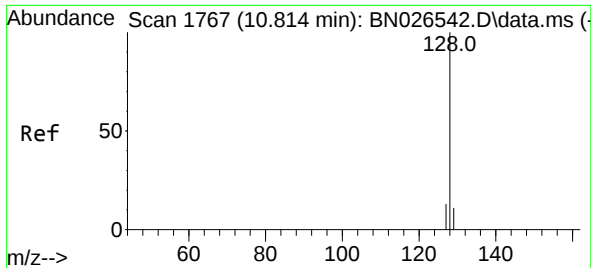
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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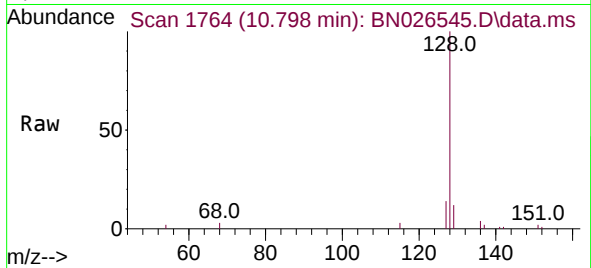
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



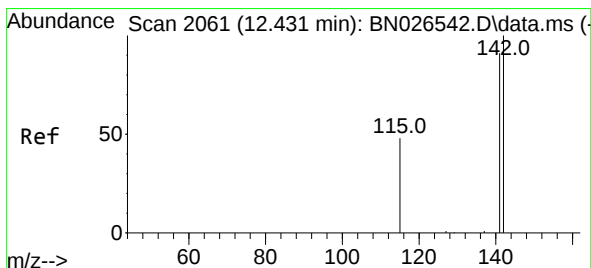
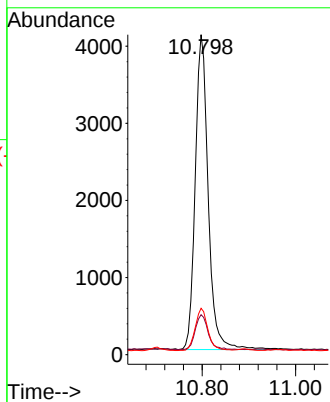
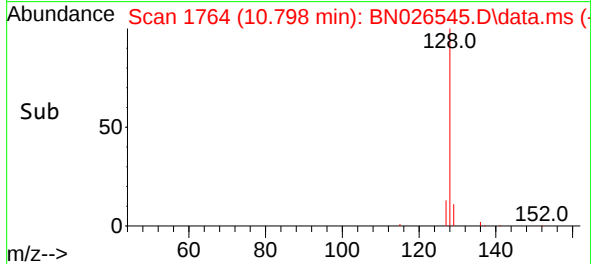


#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Instrument :
BNA_N
ClientSampleId :
A46L3

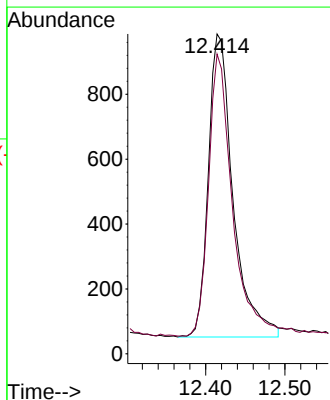
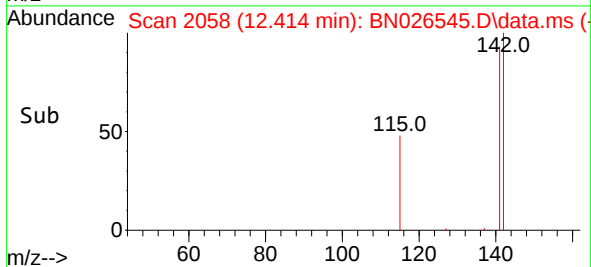
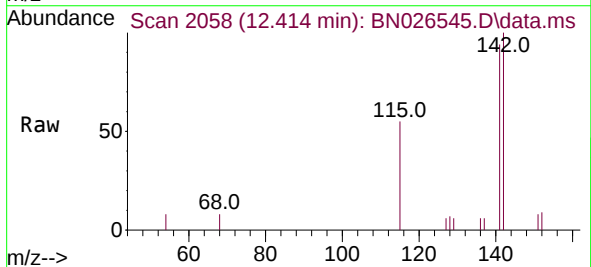


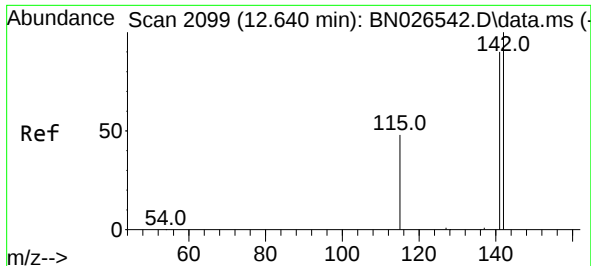
Tgt Ion:128 Resp: 7892
Ion Ratio Lower Upper
128 100
129 12.5 10.2 15.2
127 14.5 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:142 Resp: 2029
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5

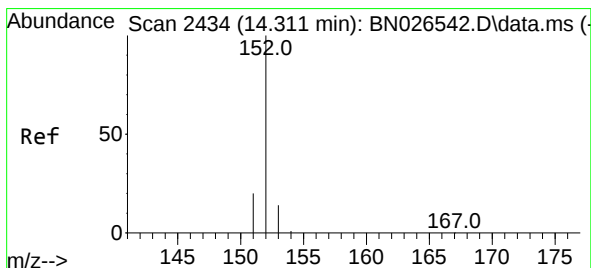
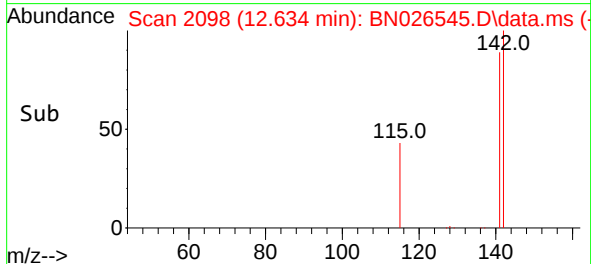
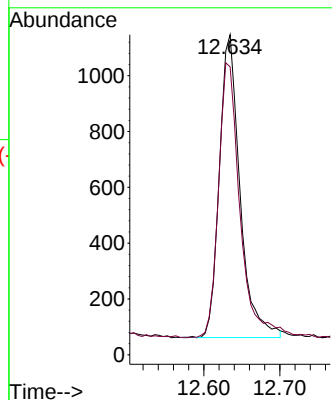
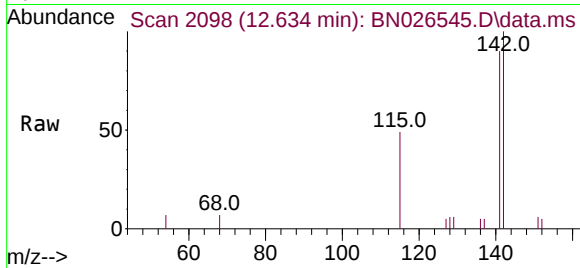




#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

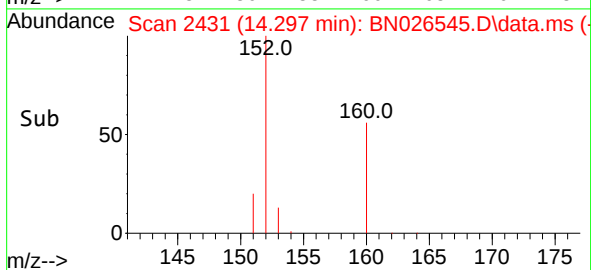
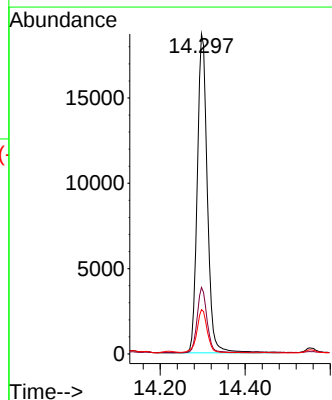
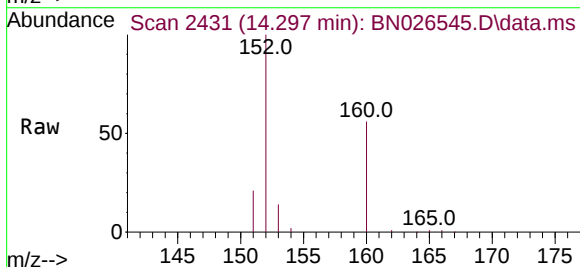
Instrument :
BNA_N
ClientSampleId :
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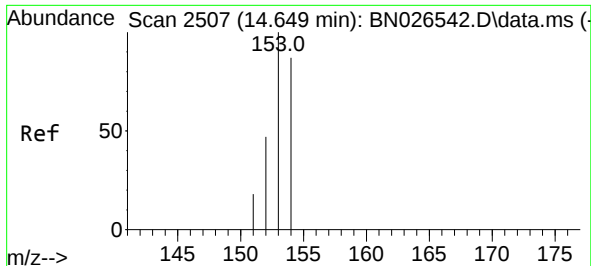
Tgt Ion:142 Resp: 2038
Ion Ratio Lower Upper
142 100
141 93.5 74.5 111.7



#10
Acenaphthylene
Concen: 1.053 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:152 Resp: 30685
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6
153 13.8 11.4 17.2

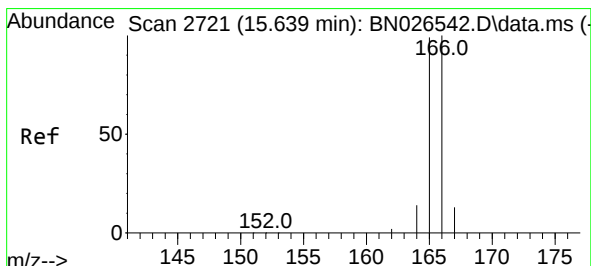
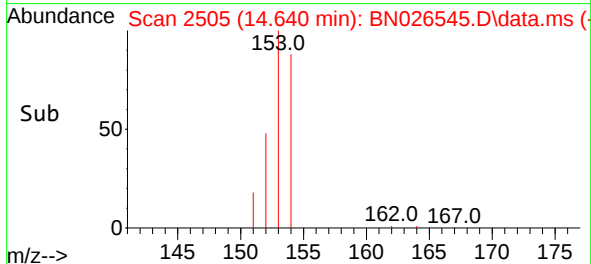
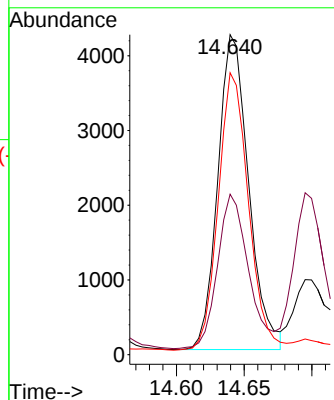
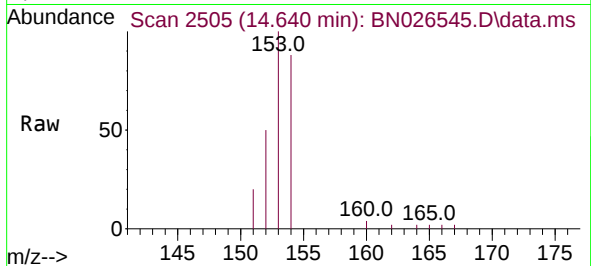




#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.640 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

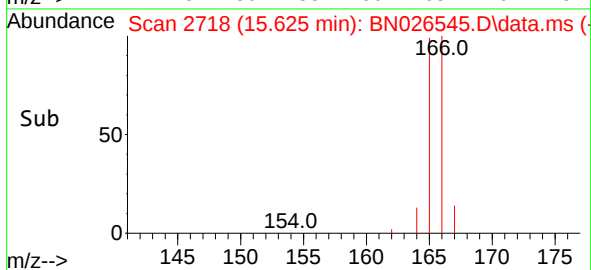
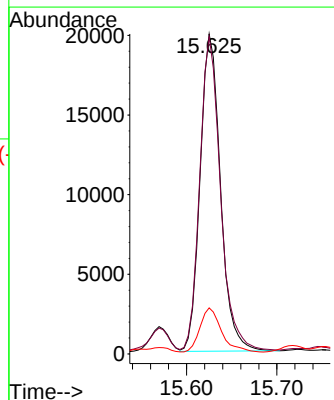
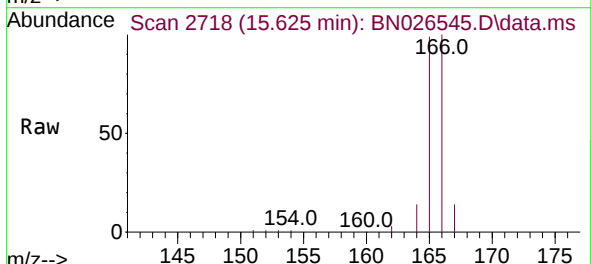
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ClientSampleId :
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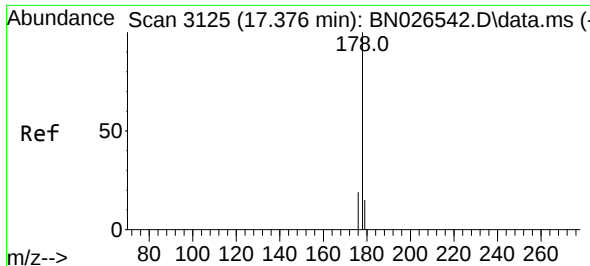
Tgt Ion:153 Resp: 6666
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 88.1 69.3 103.9



#12
Fluorene
Concen: 1.343 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:166 Resp: 31301
Ion Ratio Lower Upper
166 100
165 99.2 80.6 120.8
167 14.4 12.0 18.0

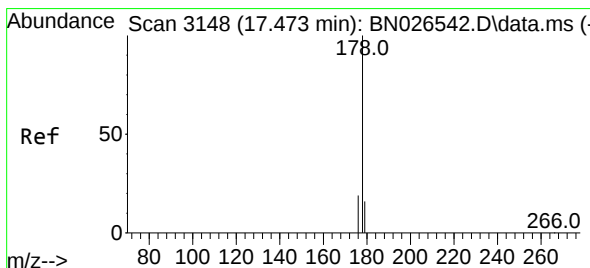
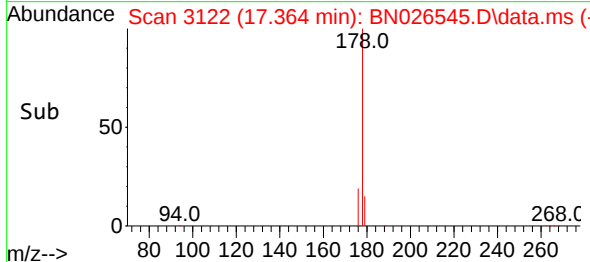
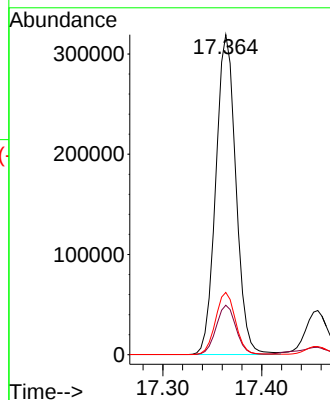
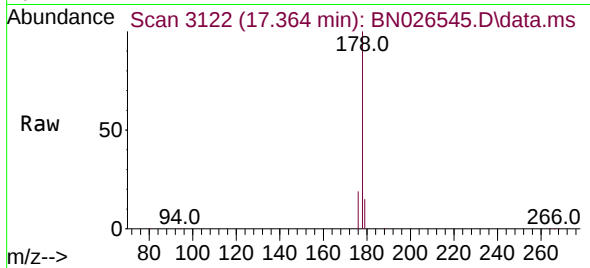




#15
Phenanthrene
Concen: 9.308 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

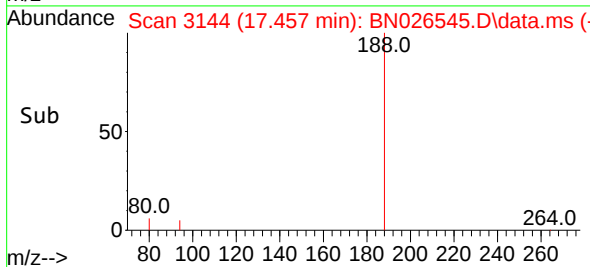
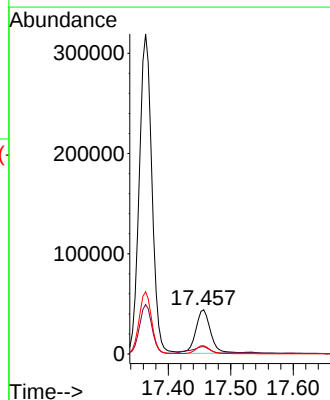
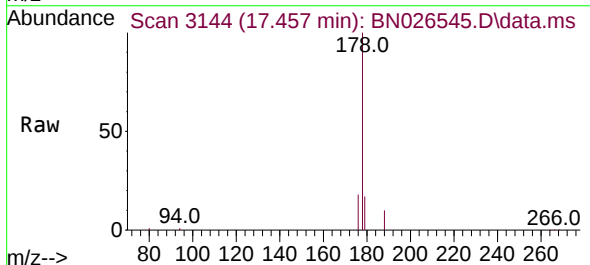
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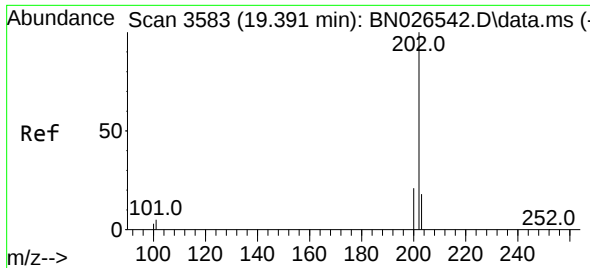
Tgt Ion:178 Resp: 449239
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.4 16.5 24.7



#16
Anthracene
Concen: 1.746 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:178 Resp: 73120
Ion Ratio Lower Upper
178 100
179 16.7 14.8 22.2
176 18.5 16.6 25.0

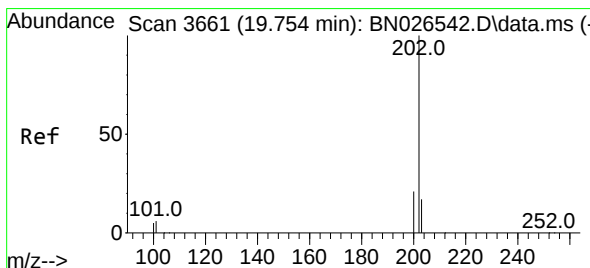
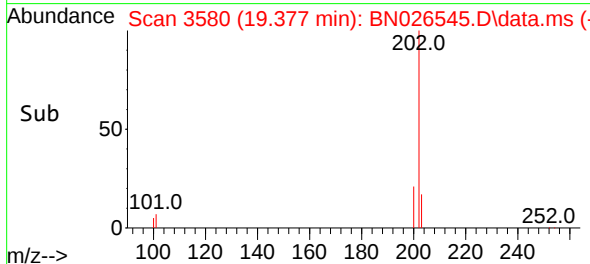
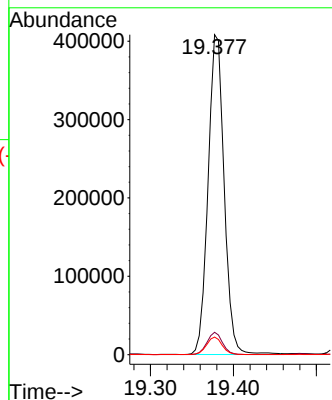
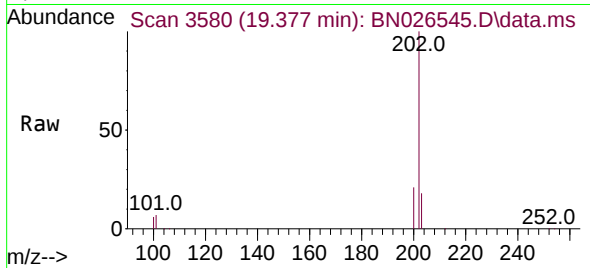




#19
Fluoranthene
Concen: 8.441 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. -0.009 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

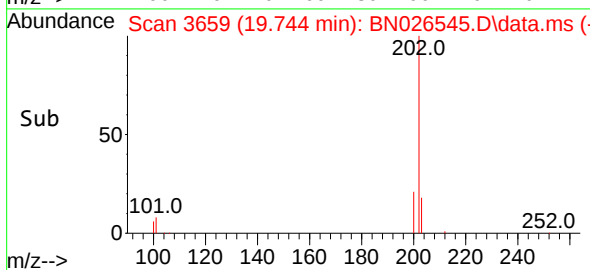
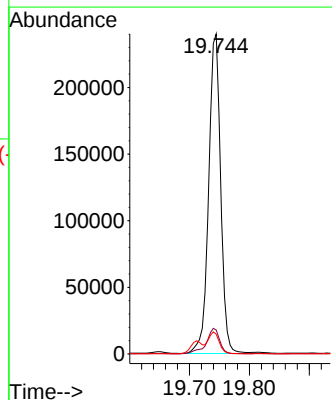
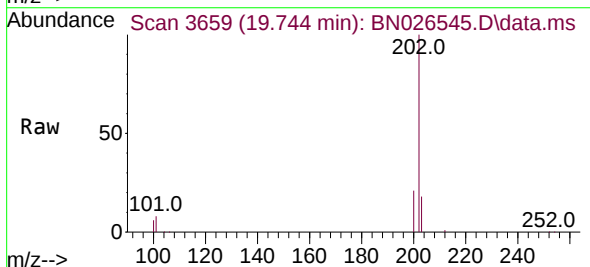
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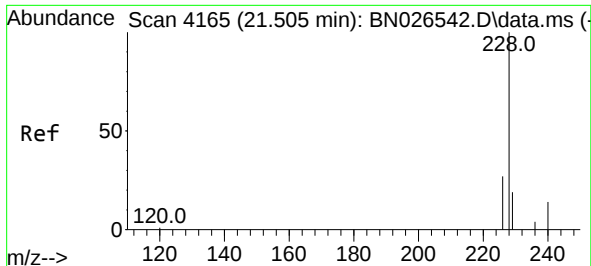
Tgt Ion:202 Resp: 550123
Ion Ratio Lower Upper
202 100
101 7.0 7.0 10.4
100 5.5 6.0 9.0#



#20
Pyrene
Concen: 4.724 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:202 Resp: 334359
Ion Ratio Lower Upper
202 100
101 7.5 8.0 12.0#
100 6.1 6.2 9.2#

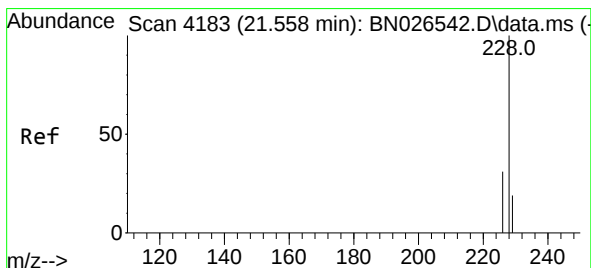
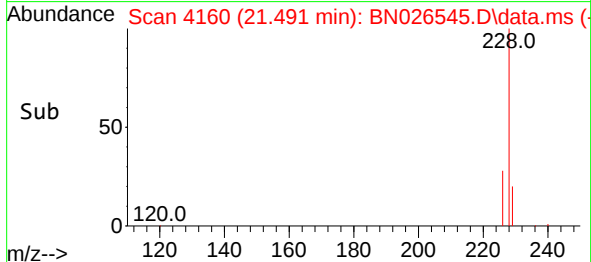
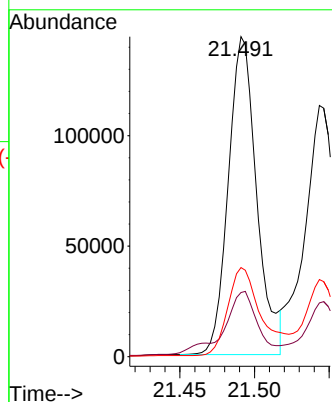
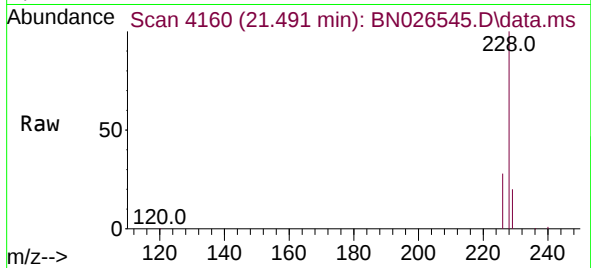




#21
Benzo(a)anthracene
Concen: 3.728 ng/ul
RT: 21.491 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

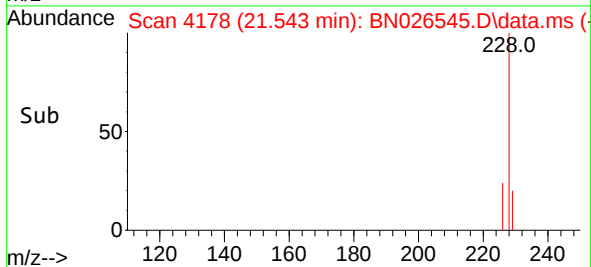
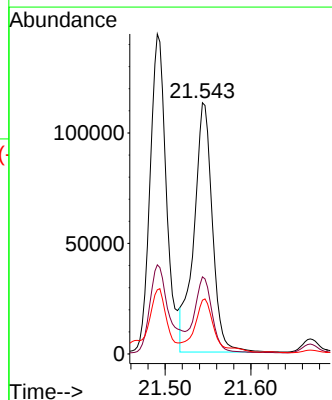
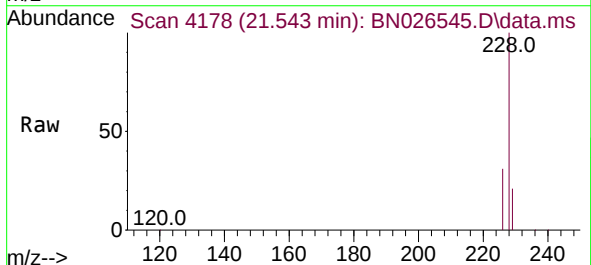
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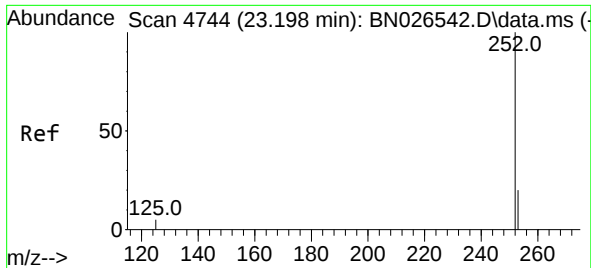
Tgt Ion:228 Resp: 190480
Ion Ratio Lower Upper
228 100
229 20.1 16.7 25.1
226 27.9 23.5 35.3



#22
Chrysene
Concen: 2.892 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.015 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:228 Resp: 168212
Ion Ratio Lower Upper
228 100
226 30.7 25.2 37.8
229 21.4 16.4 24.6

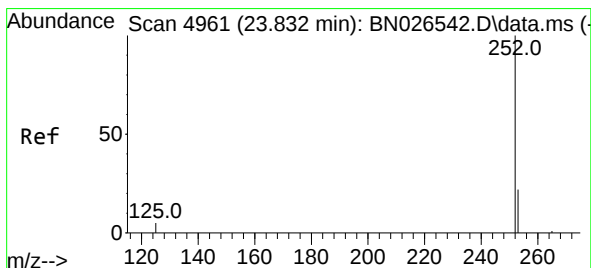
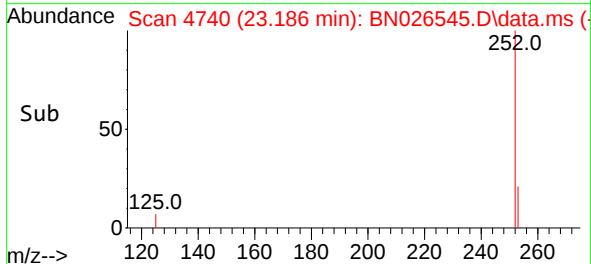
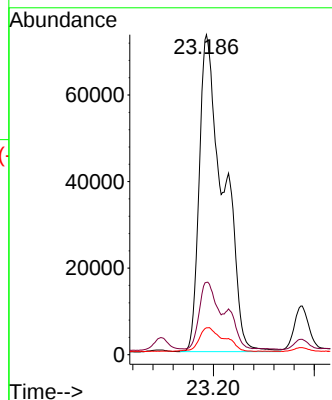
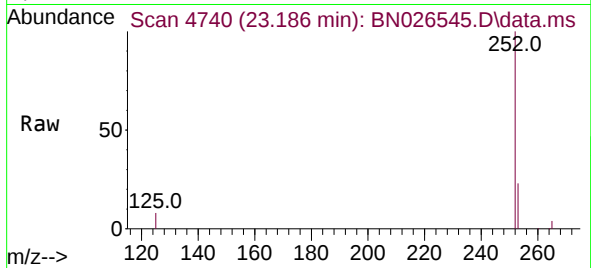




#24
Benzo(b)fluoranthene
Concen: 5.343 ng/ul
RT: 23.186 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

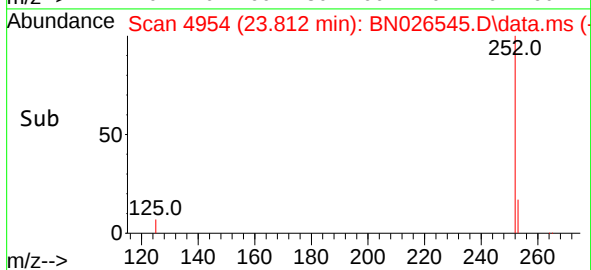
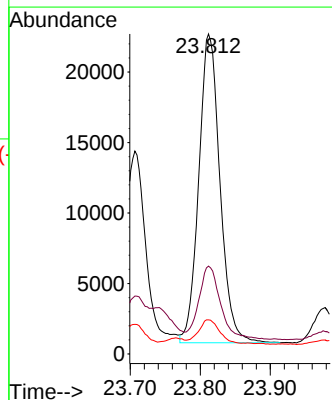
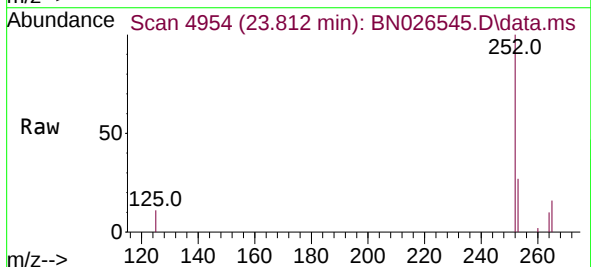
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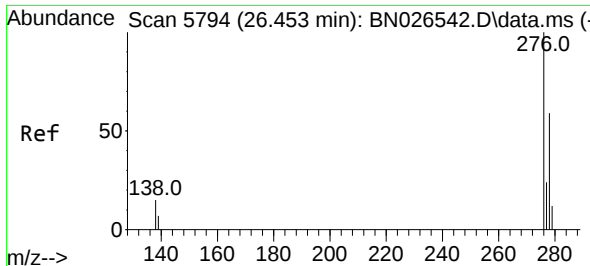
Tgt Ion:252 Resp: 244221
Ion Ratio Lower Upper
252 100
253 22.6 0.0 68.6
125 8.4 0.0 34.0



#26
Benzo(a)pyrene
Concen: 1.134 ng/ul
RT: 23.812 min Scan# 4954
Delta R.T. -0.015 min
Lab File: BN026545.D
Acq: 17 Jul 2023 20:16

Tgt Ion:252 Resp: 46153
Ion Ratio Lower Upper
252 100
253 27.4 32.6 49.0#
125 10.7 19.3 28.9#

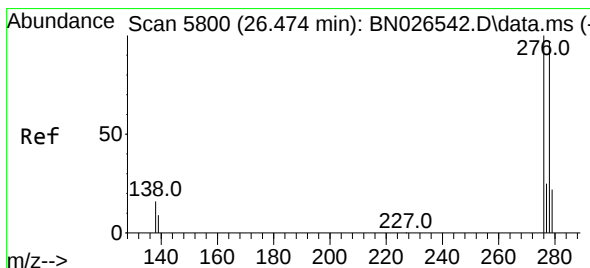
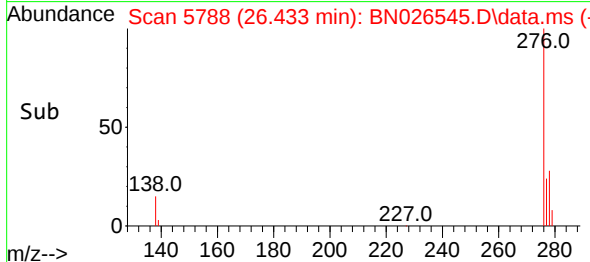
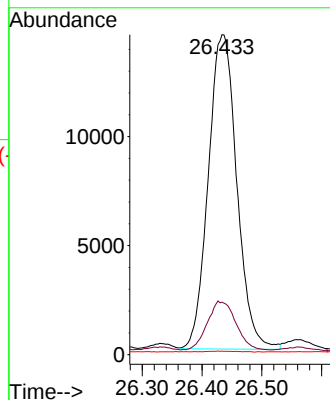
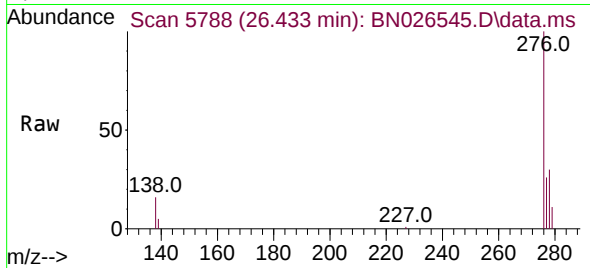




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.897 ng/ul
 RT: 26.433 min Scan# 5788
 Delta R.T. -0.020 min
 Lab File: BN026545.D
 Acq: 17 Jul 2023 20:16

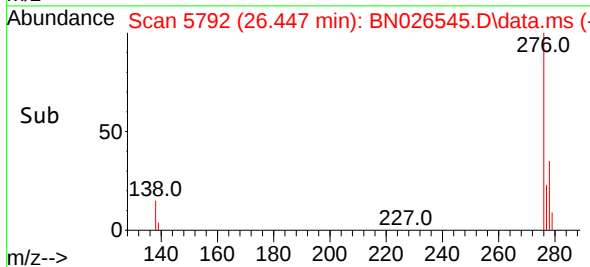
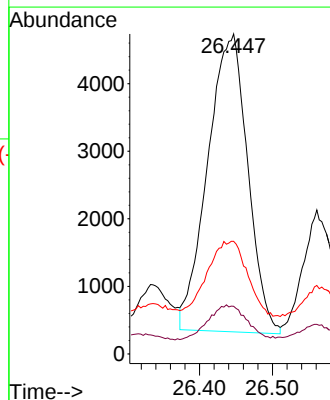
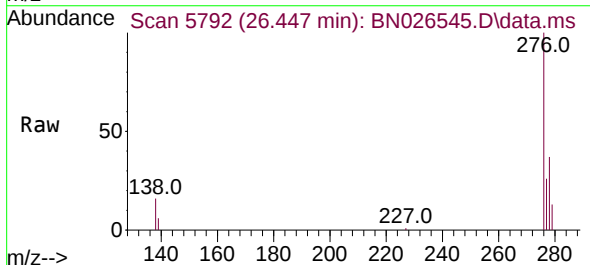
Instrument :
 BNA_N
 ClientSampleId :
 A46L3

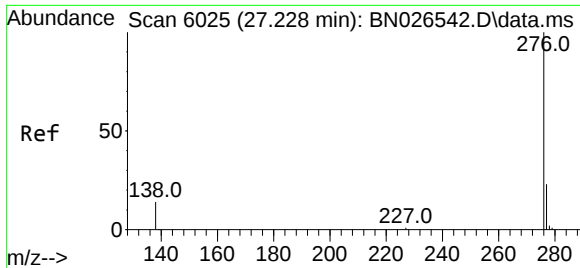
Tgt Ion:276 Resp: 47868
 Ion Ratio Lower Upper
 276 100
 138 15.6 22.2 33.4#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.410 ng/ul
 RT: 26.447 min Scan# 5792
 Delta R.T. -0.020 min
 Lab File: BN026545.D
 Acq: 17 Jul 2023 20:16

Tgt Ion:278 Resp: 16800
 Ion Ratio Lower Upper
 278 100
 139 14.9 18.9 28.3#
 279 35.2 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.063 ng/ul
 RT: 27.211 min Scan# 60
 Delta R.T. -0.013 min
 Lab File: BN026545.D
 Acq: 17 Jul 2023 20:16

Instrument :
 BNA_N
 ClientSampleId :
 A46L3

Tgt Ion:	276	Resp:	2976
Ion	Ratio	Lower	Upper
276	100		
138	30.1	22.6	34.0
277	41.4	21.8	32.8#

