

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025005.D
 Acq On : 19 Apr 2023 16:52
 Operator : CG/JU
 Sample : 02296-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBK8

Quant Time: Apr 20 04:21:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 18:38:47 2023
 Response via : Initial Calibration

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

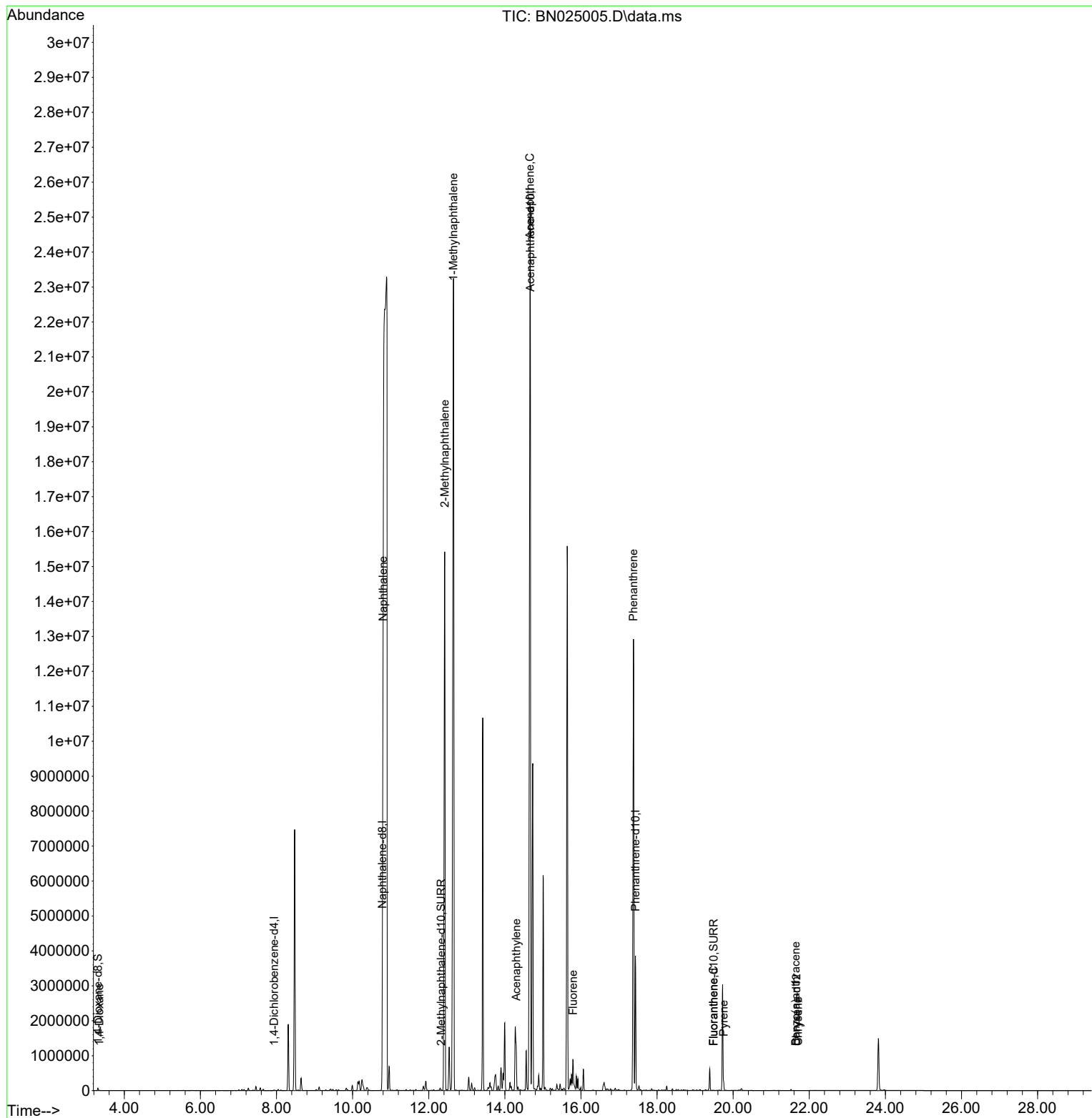
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	8910	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	24333	0.400	ng/ul	# 0.04
9) Acenaphthene-d10	14.668	164	8862	0.400	ng/ul	# 0.09
13) Phenanthrene-d10	17.432	188	2747339	0.400	ng/ul	0.11
17) Chrysene-d12	21.661	240	187	0.400	ng/ul	# 0.14
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.97
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	42564	4.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	14886	0.477	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	506	1.089	ng/ul	0.14
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	886	0.083	ng/ul#	63
5) Naphthalene	10.797	128	63126824	1017.883	ng/ul#	92
7) 2-Methylnaphthalene	12.420	142	12270063	318.184	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	19188890	469.357	ng/ul	99
10) Acenaphthylene	14.298	152	275668	8.294	ng/ul#	49
11) Acenaphthene	14.659	153	18457539	647.867	ng/ul	93
12) Fluorene	15.792	166	232927	7.300	ng/ul#	1
15) Phenanthrene	17.377	178	15595920	2.014	ng/ul	94
19) Fluoranthene	19.480	202	497	0.772	ng/ul#	1
20) Pyrene	19.750	202	197066	298.678	ng/ul	98
21) Benzo(a)anthracene	21.641	228	74	0.125	ng/ul#	1
22) Chrysene	21.702	228	1573	2.461	ng/ul#	62

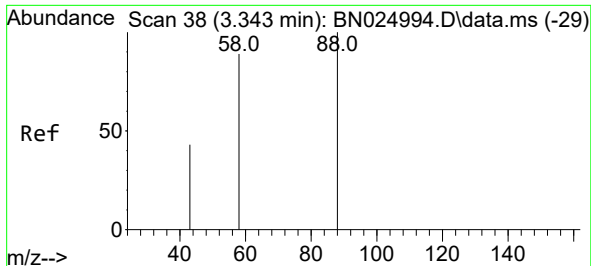
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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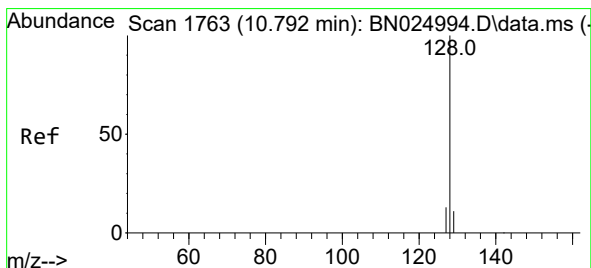
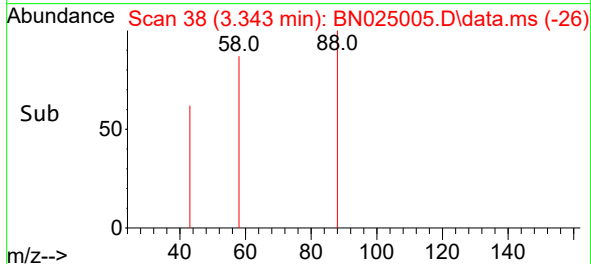
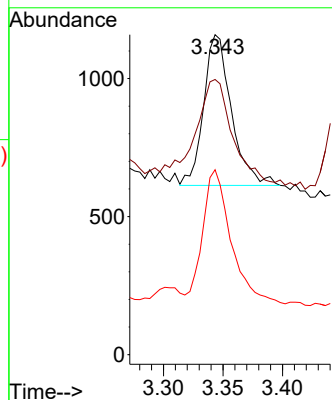
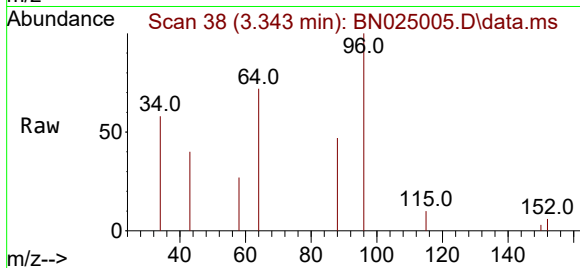




#2
1,4-Dioxane
Concen: 0.083 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

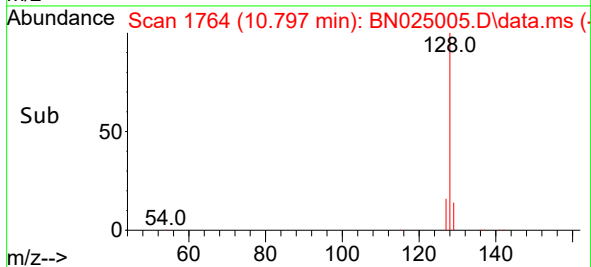
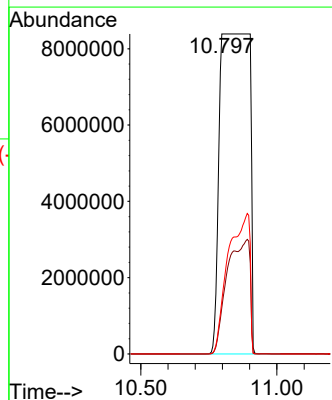
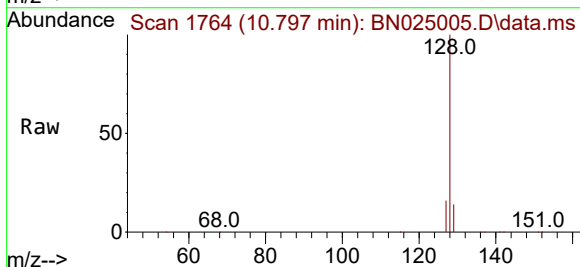
Instrument :
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ClientSampleId :
DCBK8

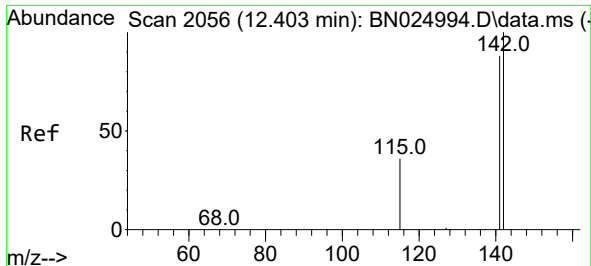
Tgt Ion: 88 Resp: 886
Ion Ratio Lower Upper
88 100
43 86.0 39.1 58.7#
58 57.8 65.7 98.5#



#5
Naphthalene
Concen: 1017.883 ng/ul
RT: 10.797 min Scan# 1764
Delta R.T. 0.005 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

Tgt Ion:128 Resp:63126824
Ion Ratio Lower Upper
128 100
129 14.4 9.1 13.7#
127 16.5 10.5 15.7#

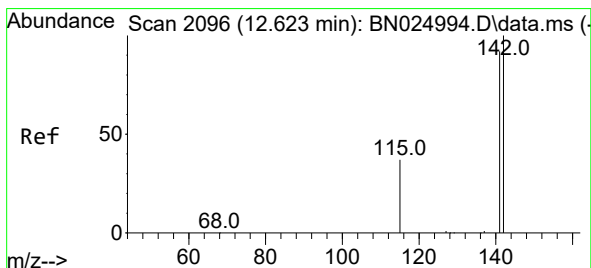
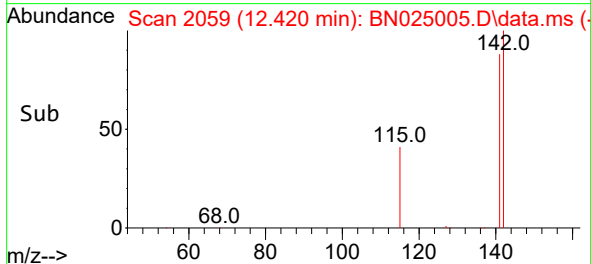
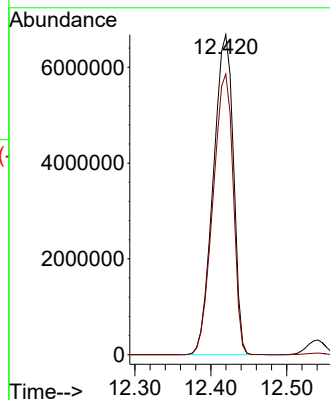
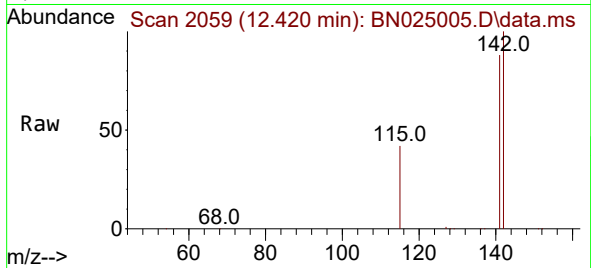




#7
2-Methylnaphthalene
Concen: 318.184 ng/ul
RT: 12.420 min Scan# 2100
Delta R.T. 0.016 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

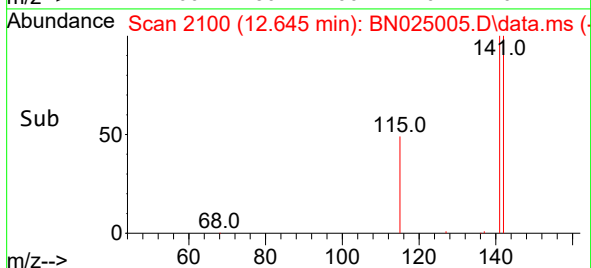
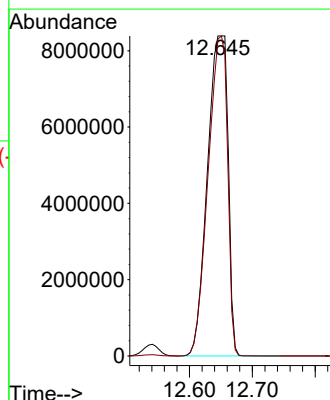
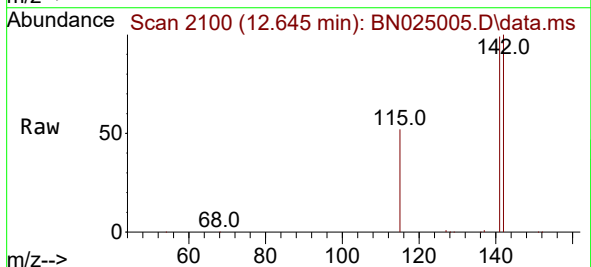
Instrument :
BNA_N
ClientSampleId :
DCBK8

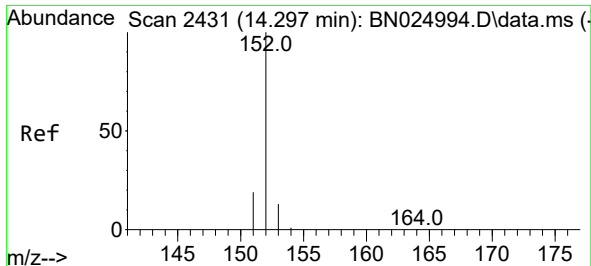
Tgt Ion:142 Resp:12270063
Ion Ratio Lower Upper
142 100
141 87.7 70.7 106.1



#8
1-Methylnaphthalene
Concen: 469.357 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.022 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

Tgt Ion:142 Resp:19188890
Ion Ratio Lower Upper
142 100
141 93.9 74.0 111.0

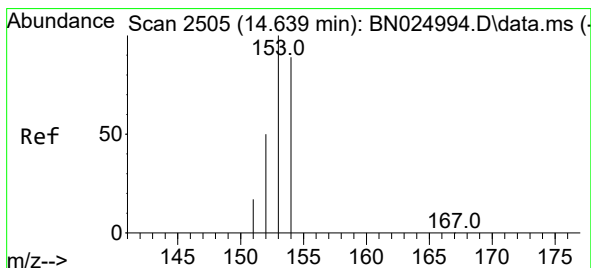
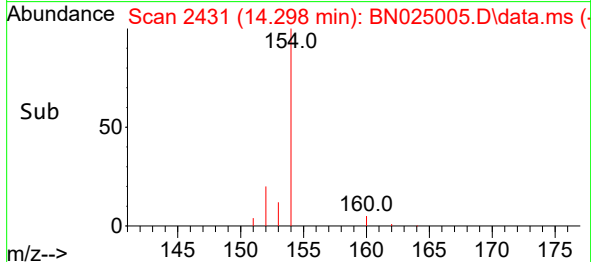
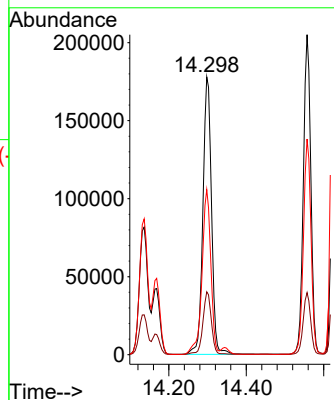
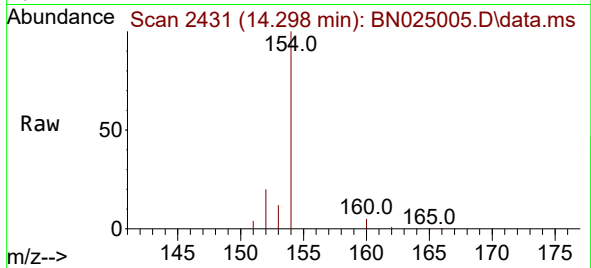




#10
Acenaphthylene
Concen: 8.294 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

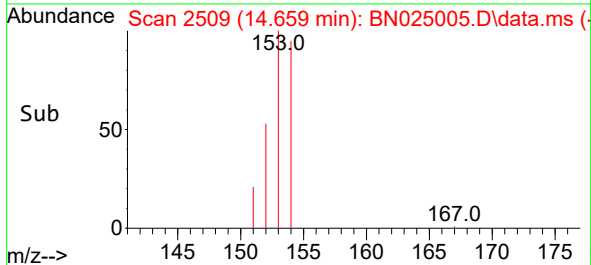
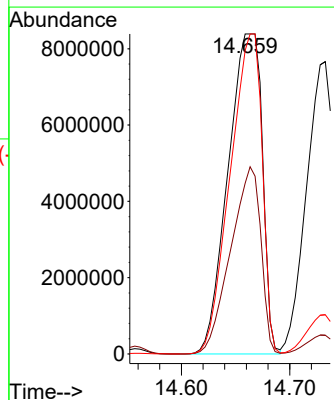
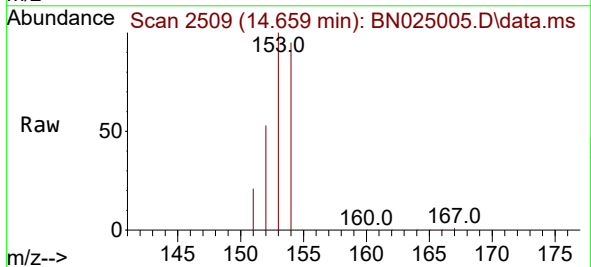
Instrument :
BNA_N
ClientSampleId :
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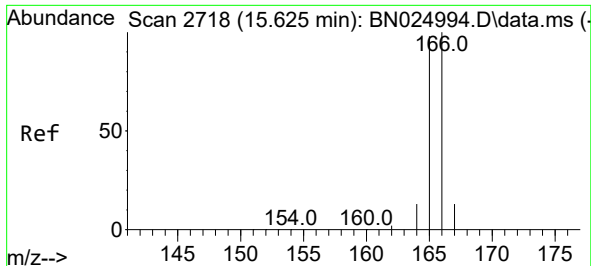
Tgt Ion:152 Resp: 275668
Ion Ratio Lower Upper
152 100
151 22.6 15.7 23.5
153 59.5 10.6 16.0#



#11
Acenaphthene
Concen: 647.867 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. 0.019 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

Tgt Ion:153 Resp:18457539
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 94.8 69.4 104.2

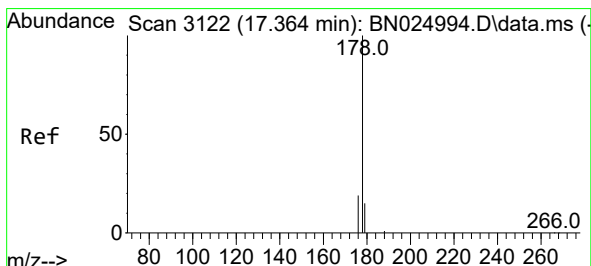
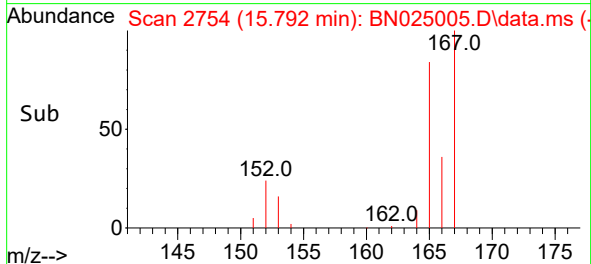
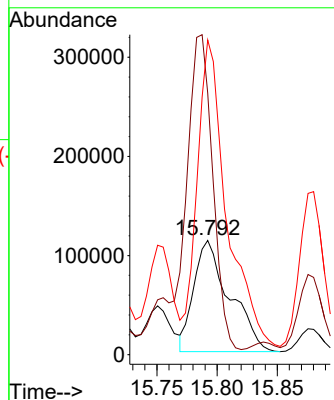
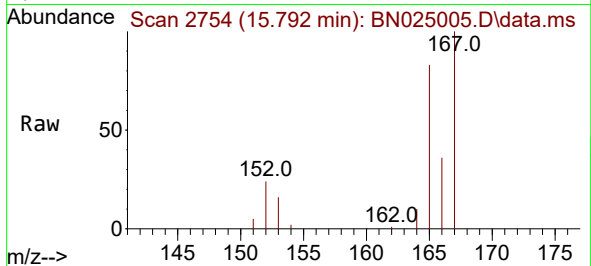




#12
Fluorene
Concen: 7.300 ng/ul
RT: 15.792 min Scan# 21
Delta R.T. 0.167 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

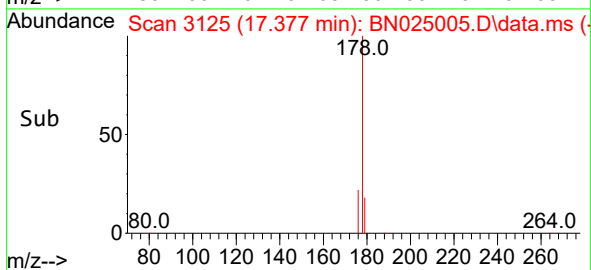
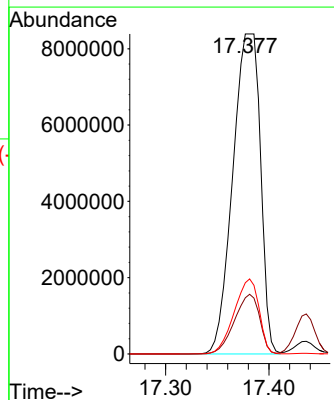
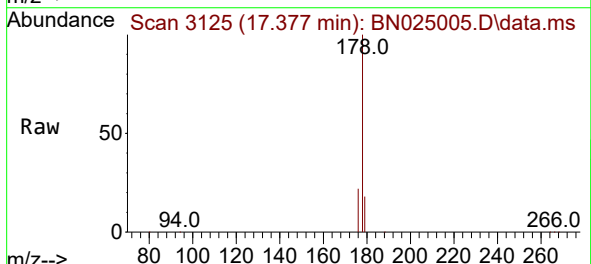
Instrument :
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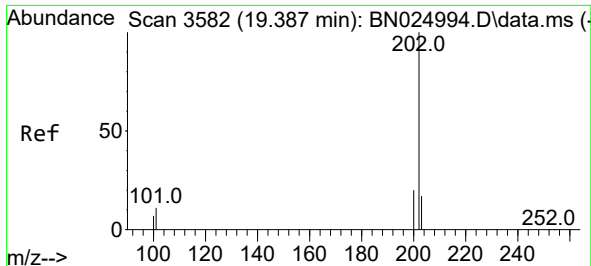
Tgt Ion:166 Resp: 232927
Ion Ratio Lower Upper
166 100
165 228.9 80.1 120.1#
167 275.4 10.7 16.1#



#15
Phenanthrene
Concen: 2.014 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. 0.013 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

Tgt Ion:178 Resp:15595920
Ion Ratio Lower Upper
178 100
179 17.6 12.3 18.5
176 22.2 15.4 23.0

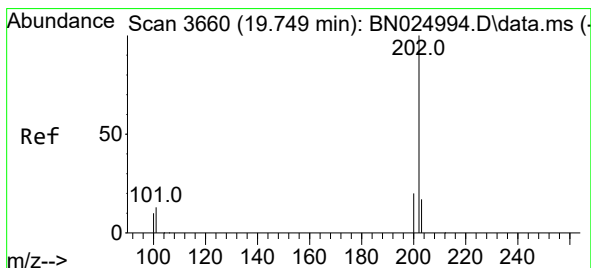
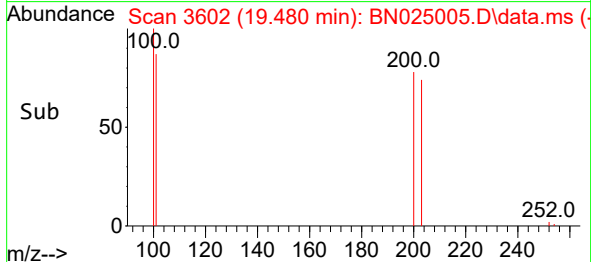
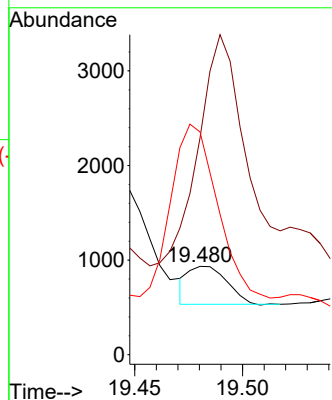
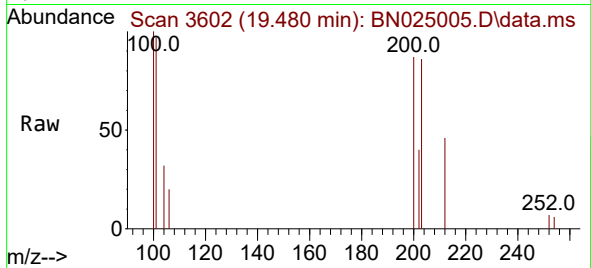




#19
Fluoranthene
Concen: 0.772 ng/ul
RT: 19.480 min Scan# 3602
Delta R.T. 0.094 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

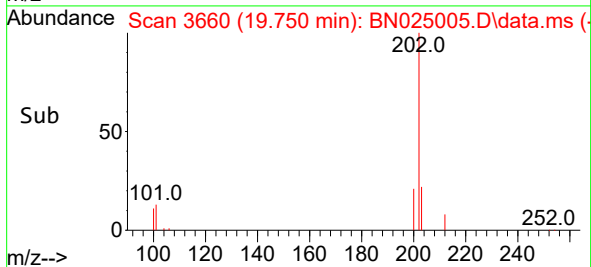
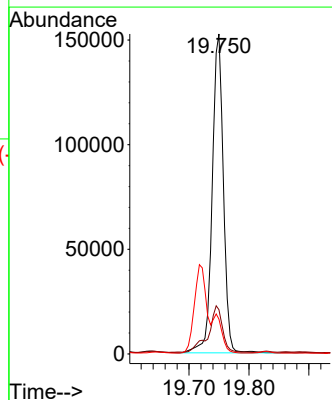
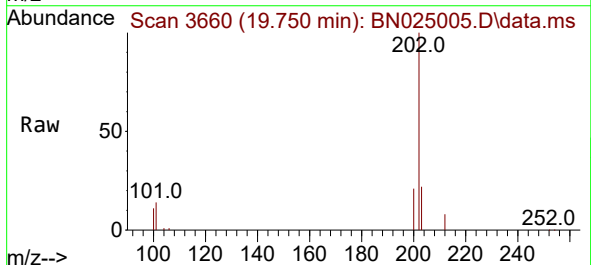
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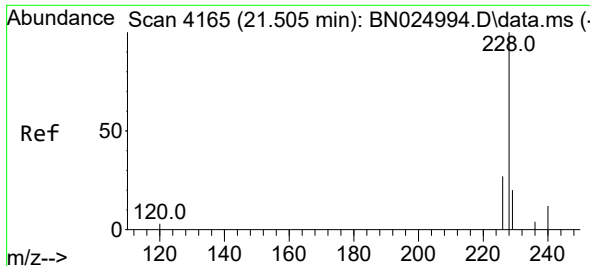
Tgt Ion:202 Resp: 497
Ion Ratio Lower Upper
202 100
101 245.4 10.0 15.0#
100 252.1 7.5 11.3#



#20
Pyrene
Concen: 298.678 ng/ul
RT: 19.750 min Scan# 3660
Delta R.T. 0.001 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

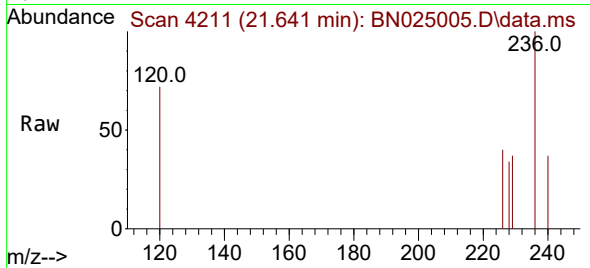
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Ion Ratio Lower Upper
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101 13.8 11.8 17.8
100 10.9 9.5 14.3



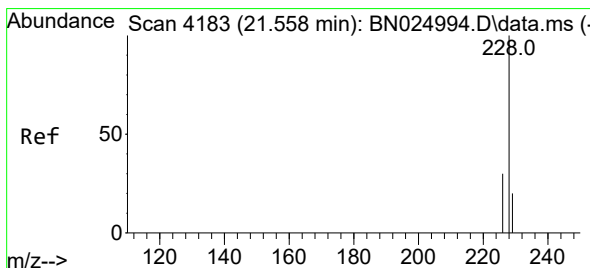
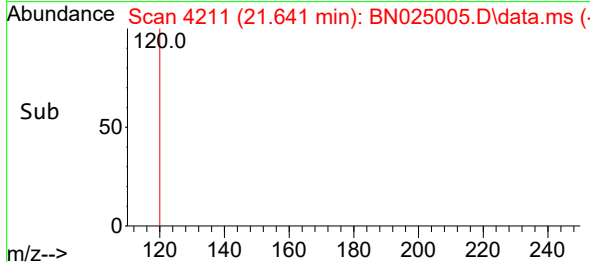
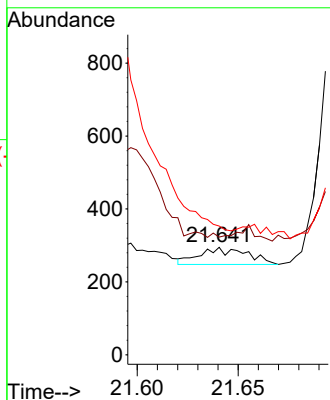


#21
Benzo(a)anthracene
Concen: 0.125 ng/ul
RT: 21.641 min Scan# 4165
Delta R.T. 0.135 min
Lab File: BN025005.D
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Tgt Ion:228 Resp: 74
Ion Ratio Lower Upper
228 100
229 109.5 15.8 23.8#
226 119.7 22.2 33.2#



#22
Chrysene
Concen: 2.461 ng/ul
RT: 21.702 min Scan# 4232
Delta R.T. 0.144 min
Lab File: BN025005.D
Acq: 19 Apr 2023 16:52

Tgt Ion:228 Resp: 1573
Ion Ratio Lower Upper
228 100
226 44.6 24.3 36.5#
229 45.4 15.7 23.5#

