

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024488.D
 Acq On : 22 Mar 2023 20:17
 Operator : CG/JU
 Sample : 01947-09DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB937DL

Quant Time: Mar 23 03:11:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 14:57:36 2023
 Response via : Initial Calibration

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

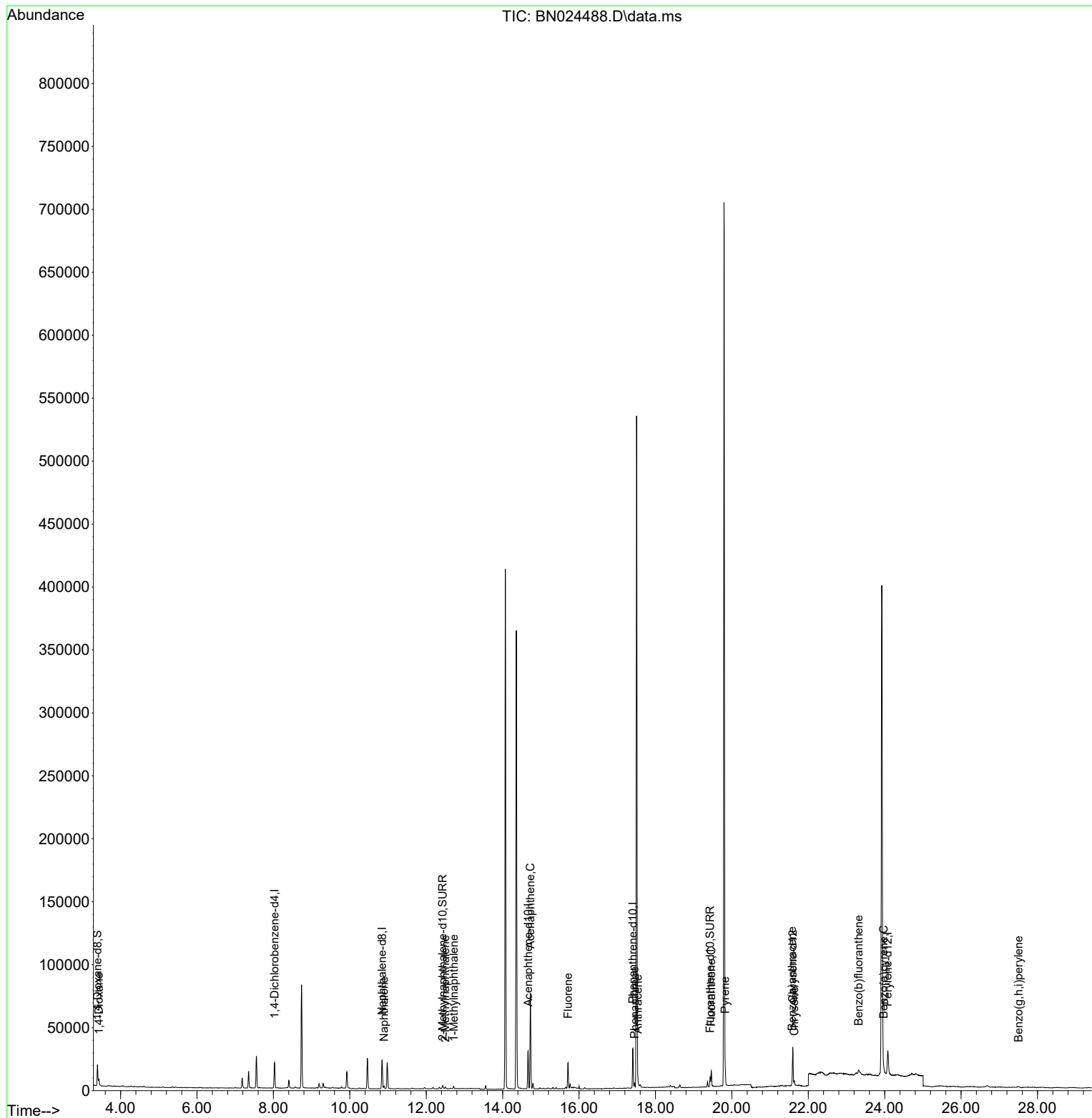
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	10222	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29811	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	16288	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	35367	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	28669	0.400	ng/ul	# 0.00
23) Perylene-d12	24.082	264	27990	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	10681	0.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	2971	0.084	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	7578	0.099	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	3151	0.258	ng/ul#	74
5) Naphthalene	10.894	128	2941	0.040	ng/ul#	87
7) 2-Methylnaphthalene	12.500	142	1013	0.022	ng/ul	91
8) 1-Methylnaphthalene	12.720	142	1319	0.028	ng/ul	99
11) Acenaphthene	14.726	153	42524	0.812	ng/ul	97
12) Fluorene	15.711	166	12817	0.219	ng/ul	98
15) Phenanthrene	17.451	178	4089	0.040	ng/ul#	83
16) Anthracene	17.540	178	3092	0.035	ng/ul#	74
19) Fluoranthene	19.459	202	10416	0.091	ng/ul#	91
20) Pyrene	19.822	202	11741	0.101	ng/ul#	90
21) Benzo(a)anthracene	21.577	228	3958	0.042	ng/ul#	76
22) Chrysene	21.633	228	3935	0.040	ng/ul#	73
24) Benzo(b)fluoranthene	23.319	252	6861	0.064	ng/ul#	1
26) Benzo(a)pyrene	23.968	252	3330	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	27.505	276	2002	0.022	ng/ul#	12

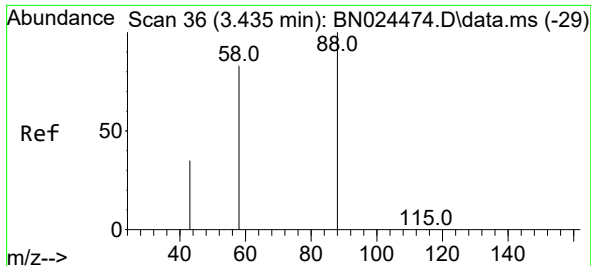
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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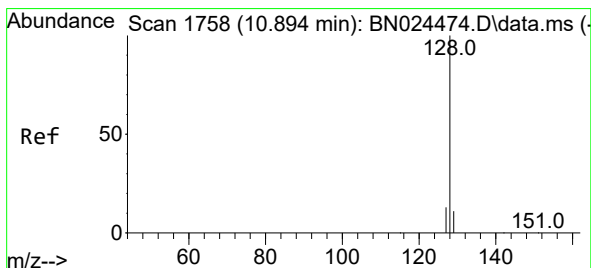
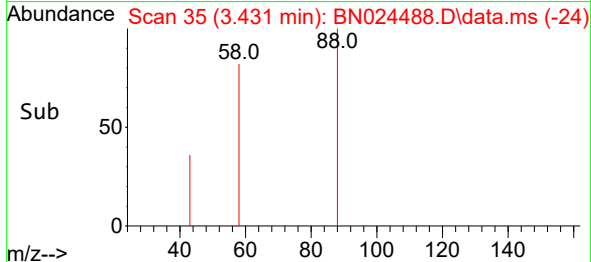
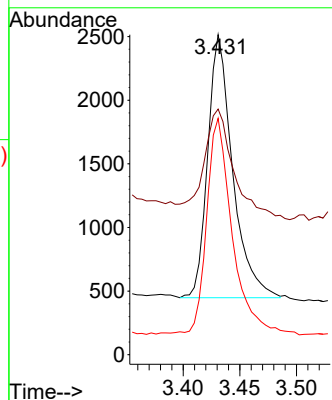
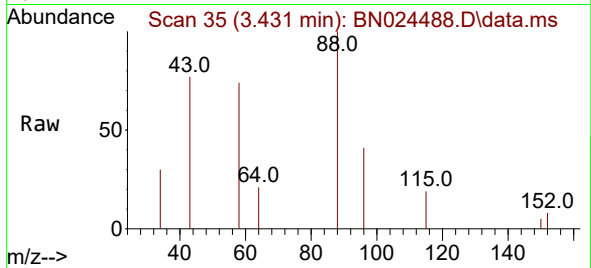




#2
1,4-Dioxane
Concen: 0.258 ng/ul
RT: 3.431 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

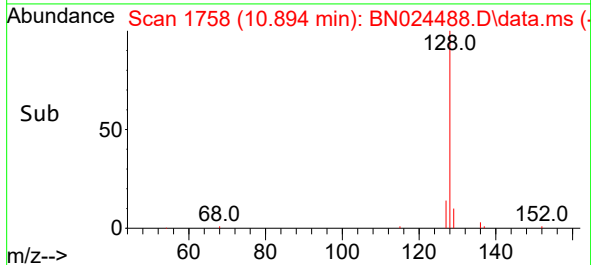
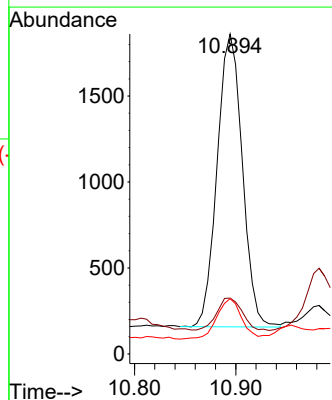
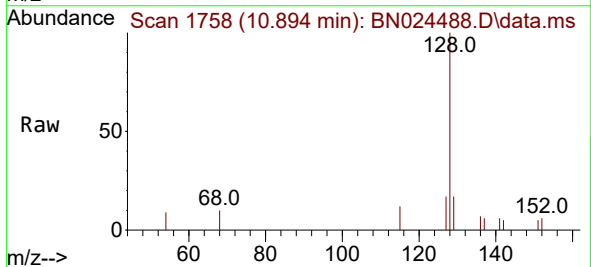
Instrument :
BNA_N
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CB937DL

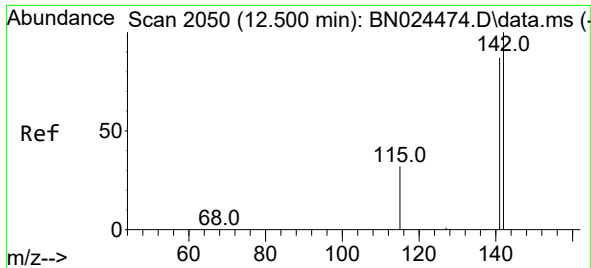
Tgt Ion: 88 Resp: 3151
Ion Ratio Lower Upper
88 100
43 76.7 32.1 48.1#
58 73.8 55.1 82.7



#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

Tgt Ion: 128 Resp: 2941
Ion Ratio Lower Upper
128 100
129 17.5 9.0 13.6#
127 17.3 10.5 15.7#

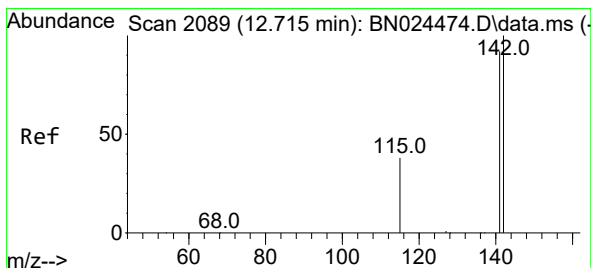
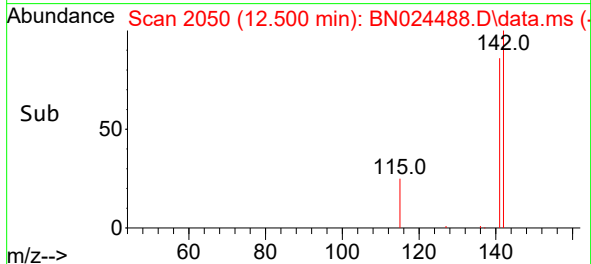
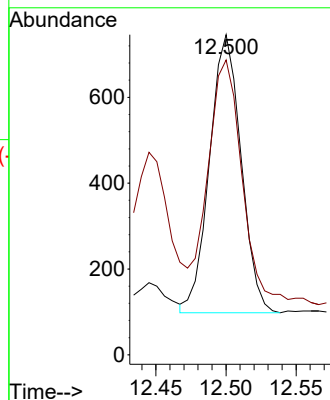
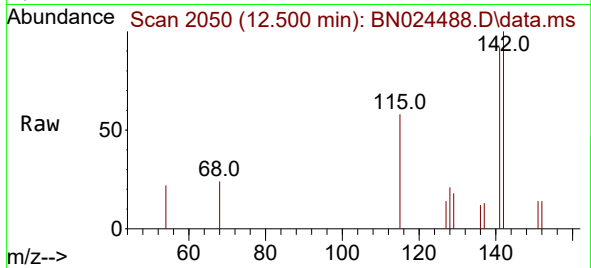




#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

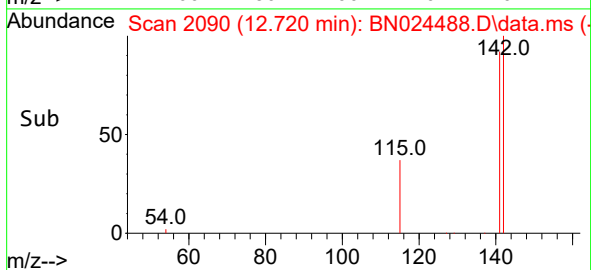
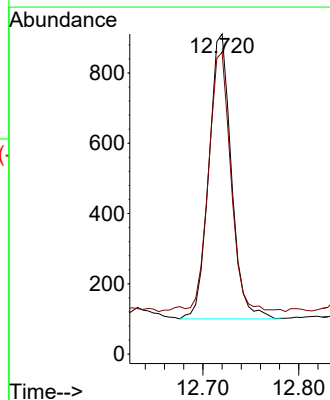
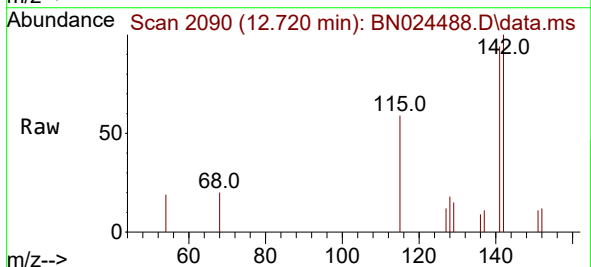
Instrument :
BNA_N
ClientSampleId :
CB937DL

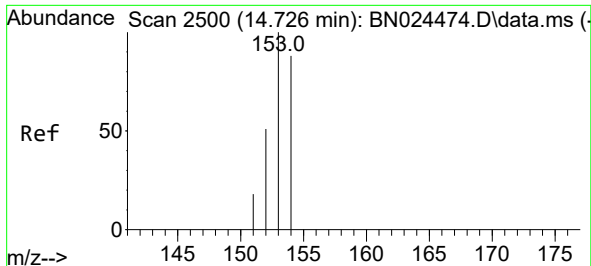
Tgt Ion:142 Resp: 1013
Ion Ratio Lower Upper
142 100
141 95.9 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.005 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

Tgt Ion:142 Resp: 1319
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6

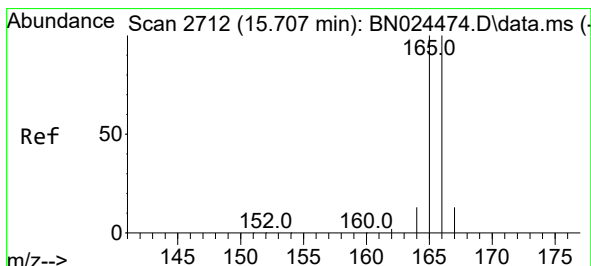
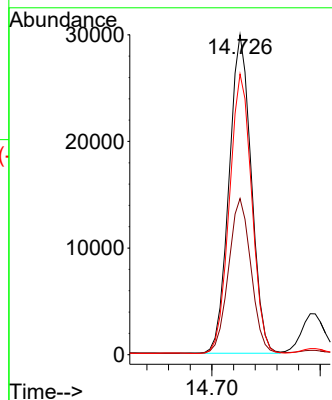
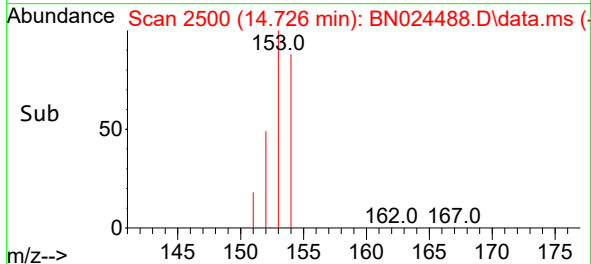
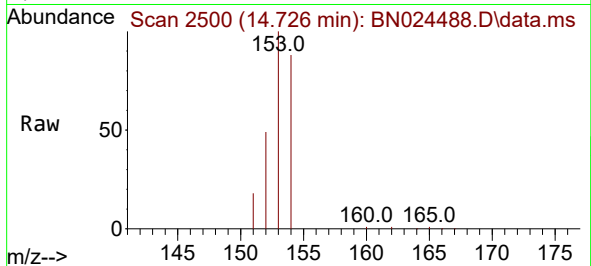




#11
Acenaphthene
Concen: 0.812 ng/ul
RT: 14.726 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

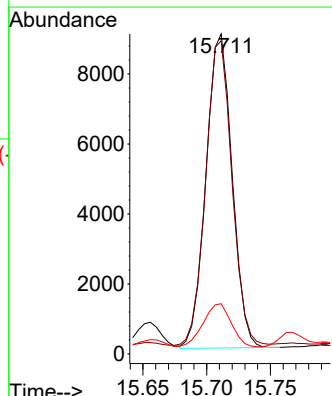
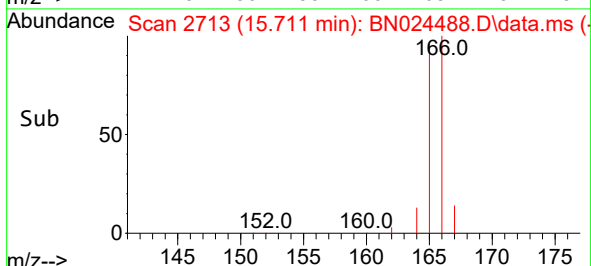
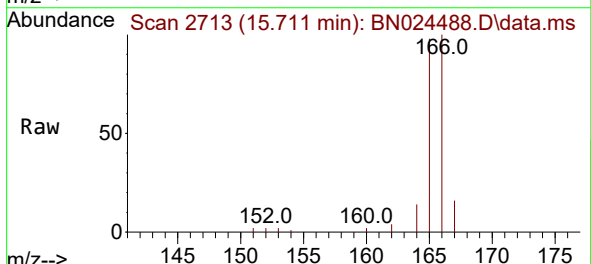
Instrument :
BNA_N
ClientSampleId :
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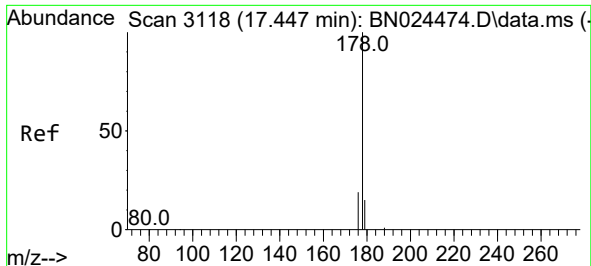
Tgt Ion:153 Resp: 42524
Ion Ratio Lower Upper
153 100
152 48.8 42.6 64.0
154 87.7 70.6 105.8



#12
Fluorene
Concen: 0.219 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. 0.005 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

Tgt Ion:166 Resp: 12817
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.0
167 15.7 10.9 16.3

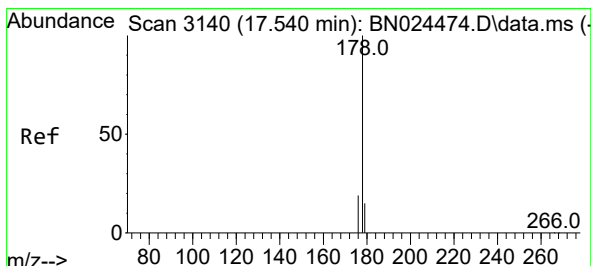
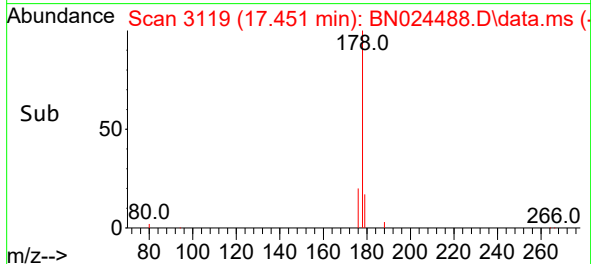
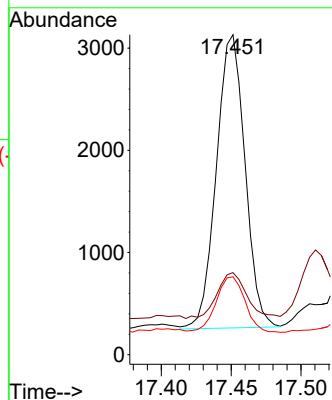
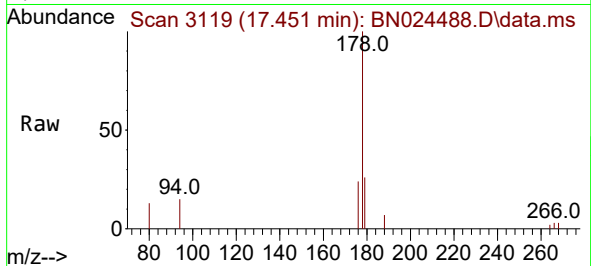




#15
Phenanthrene
Concen: 0.040 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

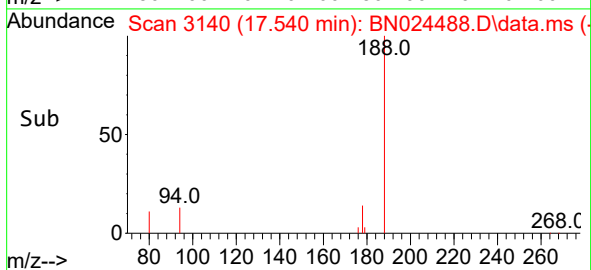
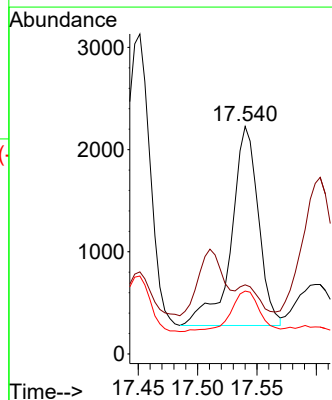
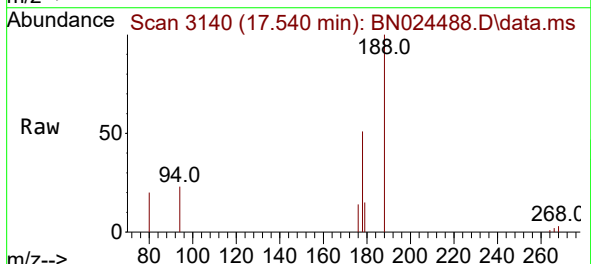
Instrument :
BNA_N
ClientSampleId :
CB937DL

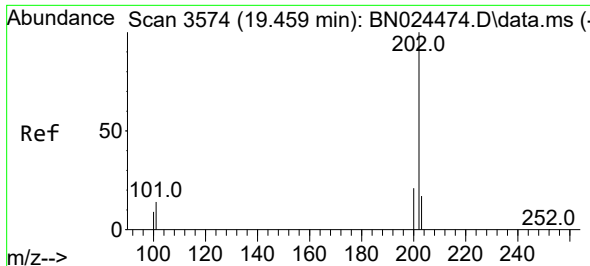
Tgt Ion:178 Resp: 4089
Ion Ratio Lower Upper
178 100
179 25.6 12.2 18.2#
176 24.3 15.7 23.5#



#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

Tgt Ion:178 Resp: 3092
Ion Ratio Lower Upper
178 100
179 30.4 12.3 18.5#
176 27.7 15.3 22.9#

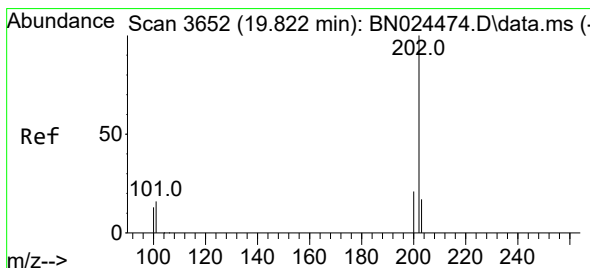
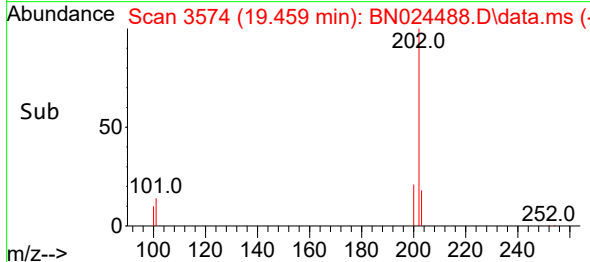
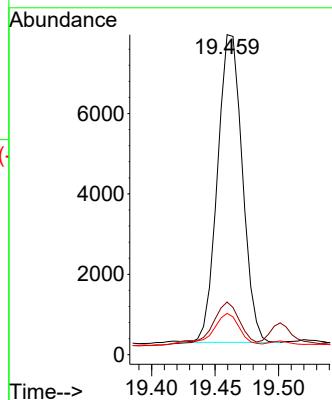
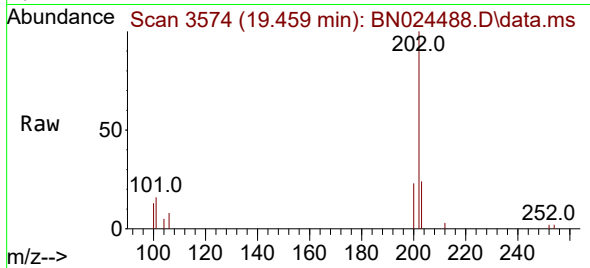




#19
Fluoranthene
Concen: 0.091 ng/ul
RT: 19.459 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

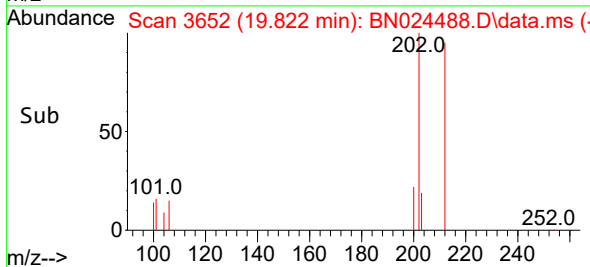
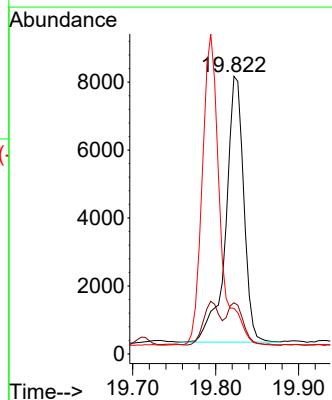
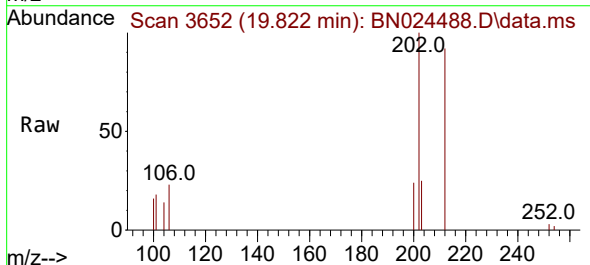
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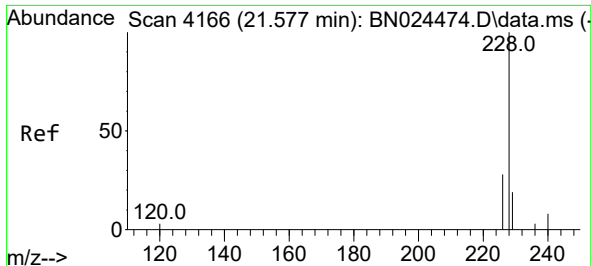
Tgt Ion:202 Resp: 10416
Ion Ratio Lower Upper
202 100
101 16.5 10.4 15.6#
100 12.9 7.7 11.5#



#20
Pyrene
Concen: 0.101 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

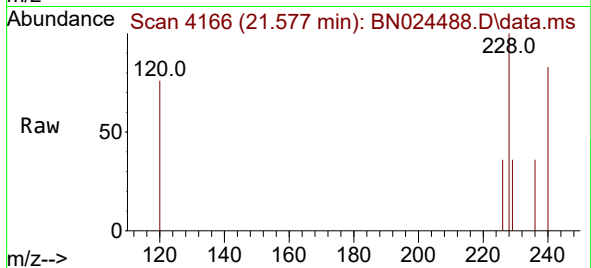
Tgt Ion:202 Resp: 11741
Ion Ratio Lower Upper
202 100
101 18.4 12.1 18.1#
100 16.4 9.4 14.0#



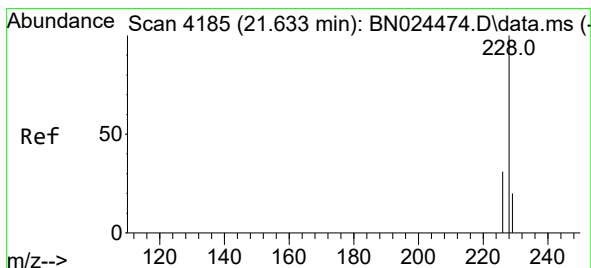
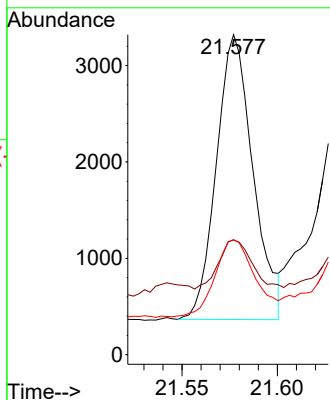


#21
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 21.577 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

Instrument :
BNA_N
ClientSampleId :
CB937DL

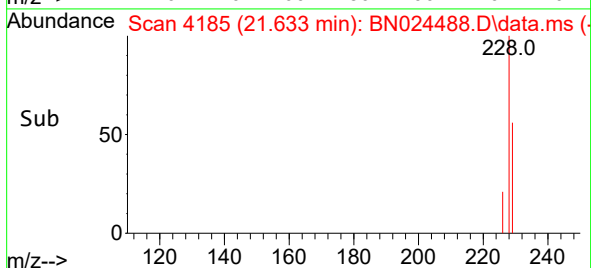
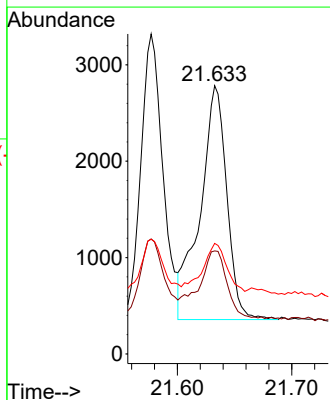
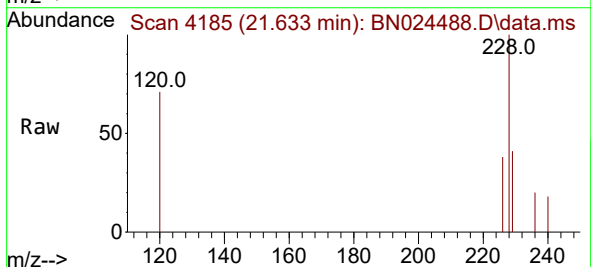


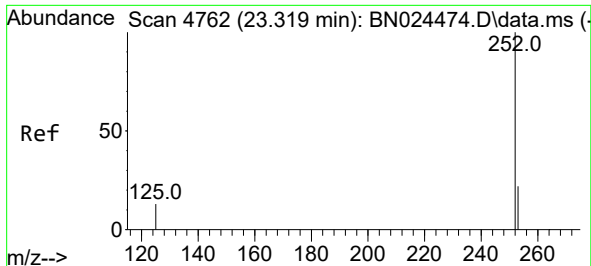
Tgt Ion:228 Resp: 3958
Ion Ratio Lower Upper
228 100
229 35.8 15.8 23.6#
226 35.9 22.2 33.4#



#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.633 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

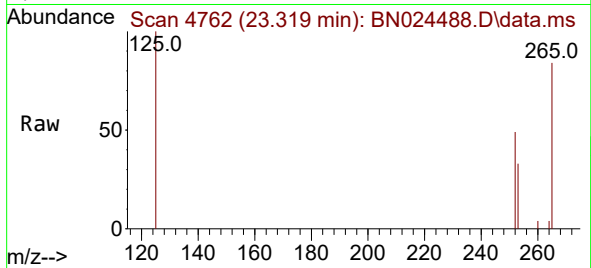
Tgt Ion:228 Resp: 3935
Ion Ratio Lower Upper
228 100
226 38.4 24.8 37.2#
229 41.2 15.8 23.6#



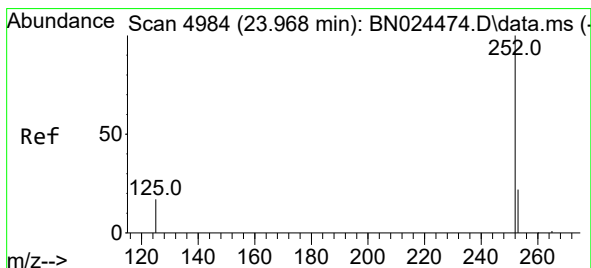
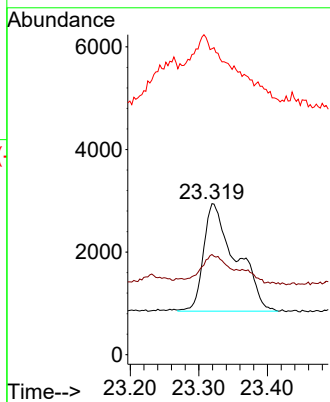
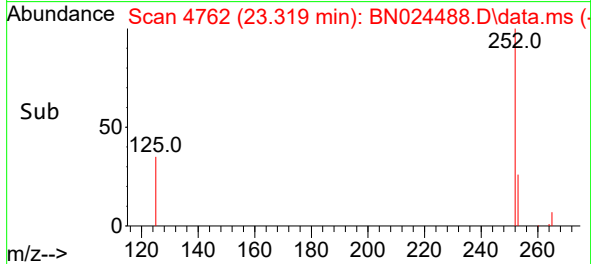


#24
Benzo(b)fluoranthene
Concen: 0.064 ng/ul
RT: 23.319 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

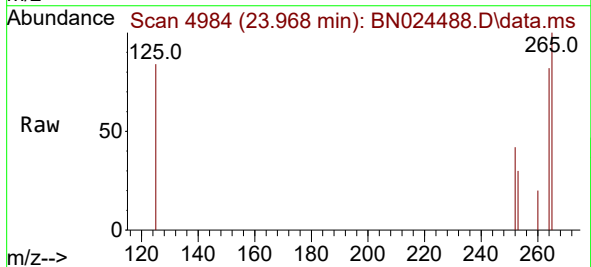
Instrument :
BNA_N
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CB937DL



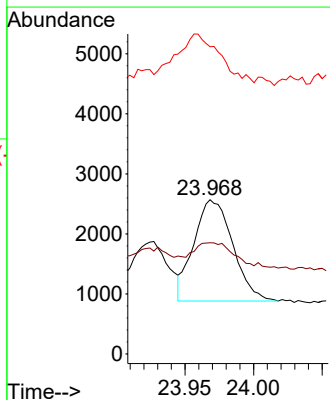
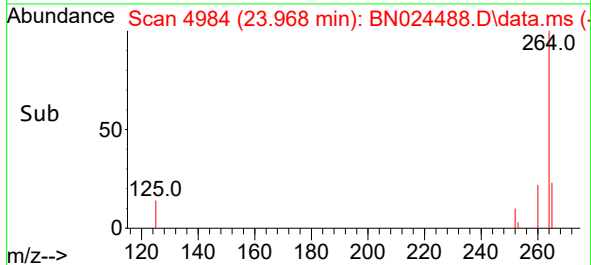
Tgt Ion:252 Resp: 6861
Ion Ratio Lower Upper
252 100
253 66.4 0.0 46.2#
125 202.7 0.0 34.0#

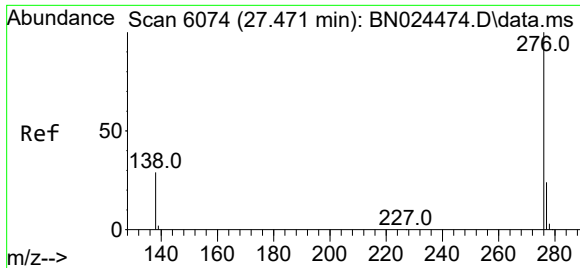


#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.968 min Scan# 4984
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17



Tgt Ion:252 Resp: 3330
Ion Ratio Lower Upper
252 100
253 72.1 19.2 28.8#
125 199.2 15.8 23.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 27.505 min Scan# 6084
 Delta R.T. 0.034 min
 Lab File: BN024488.D
 Acq: 22 Mar 2023 20:17

Instrument :
 BNA_N
 ClientSampleId :
 CB937DL

Tgt Ion:	276	Resp:	2002
Ion Ratio	Lower	Upper	
276	100		
138	98.2	25.2	37.8#
277	46.9	19.4	29.2#

