

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : Jagrut Upadhyay 03/23/2023

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	
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	10617m	0.092	ng/ul	
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	5114m	0.048	ng/ul	
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

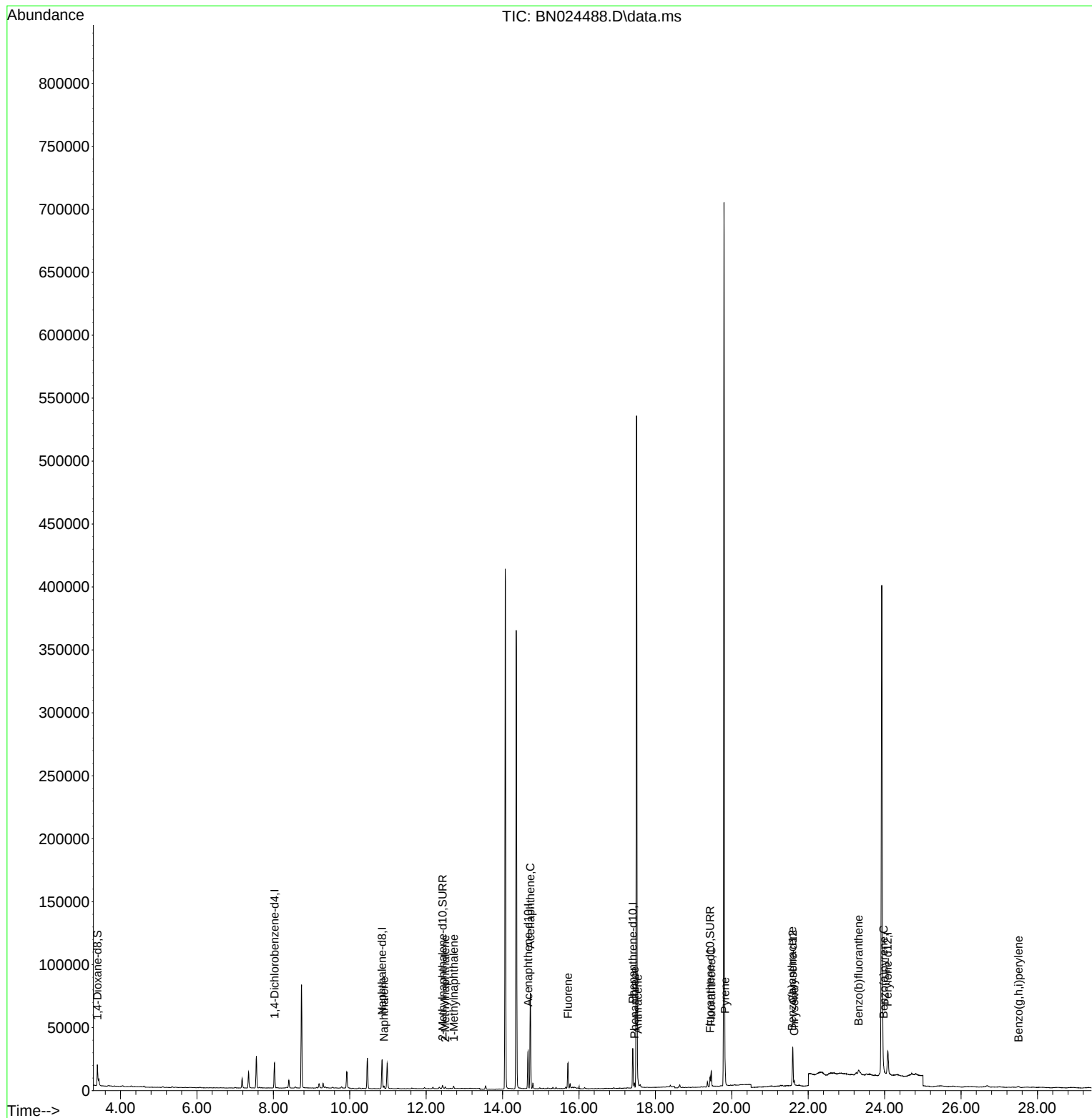
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
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ALS Vial : 15 Sample Multiplier: 1

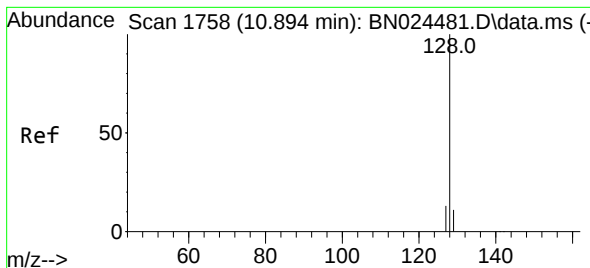
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#5

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

Instrument :

BNA_N

ClientSampleId :

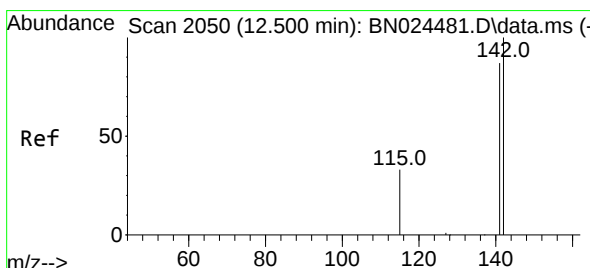
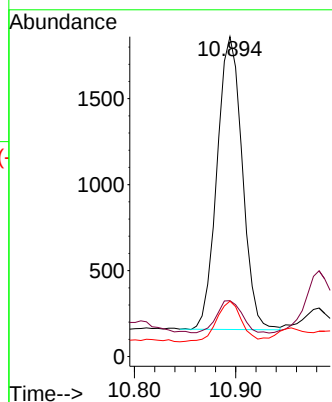
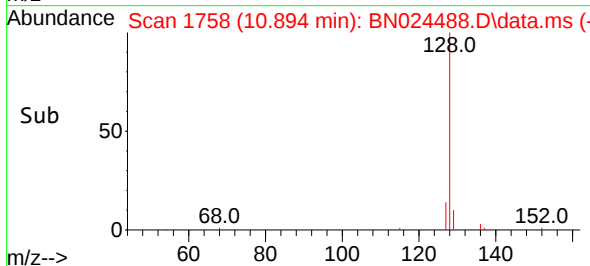
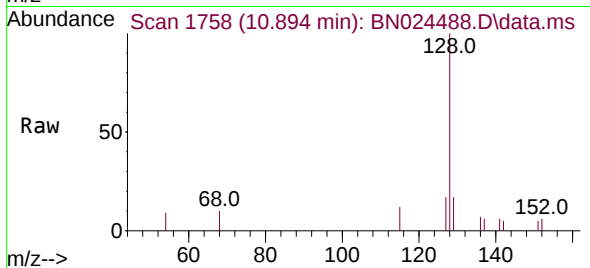
CB937DL

Tgt Ion:	128	Resp:	294
Ion Ratio	Lower	Upper	
128	100		
129	17.5	9.0	13.6
127	17.3	10.5	15.7

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#7

2-Methylnaphthalene

Concen: 0.022 ng/ul

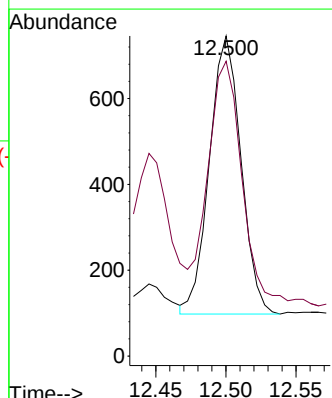
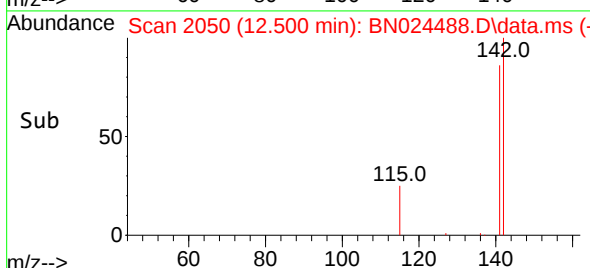
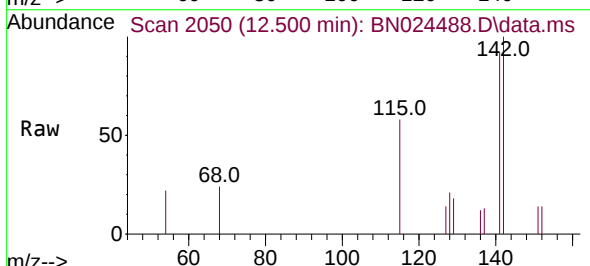
RT: 12.500 min Scan# 2050

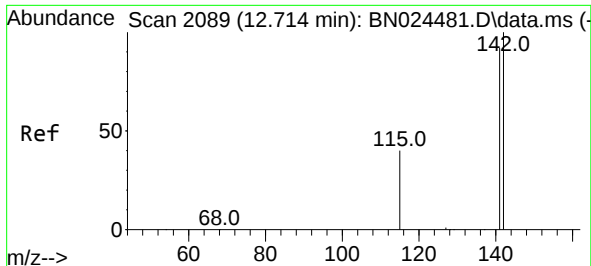
Delta R.T. 0.000 min

Lab File: BN024488.D

Acq: 22 Mar 2023 20:17

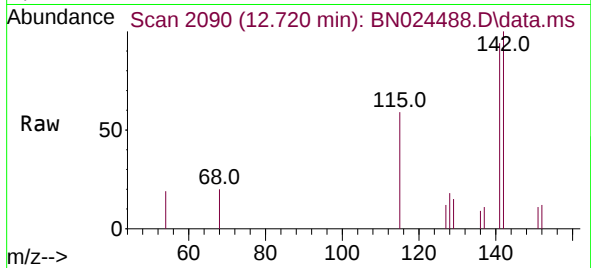
Tgt Ion:	142	Resp:	1013
Ion Ratio	Lower	Upper	
142	100		
141	95.9	70.3	105.5





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.720 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

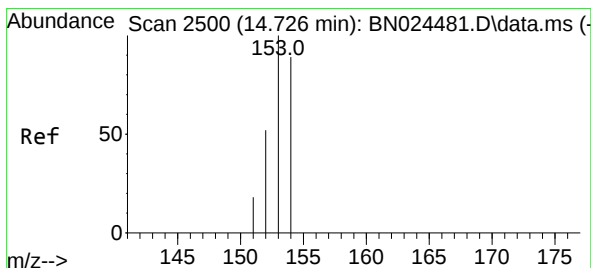
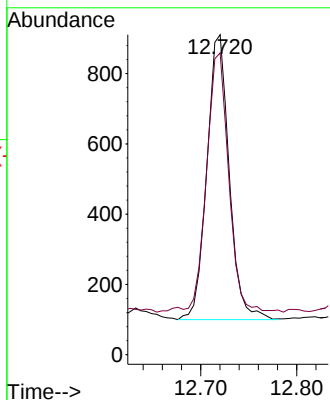
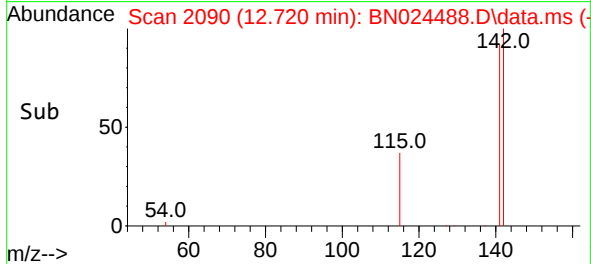
Instrument :
BNA_N
ClientSampleId :
CB937DL



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

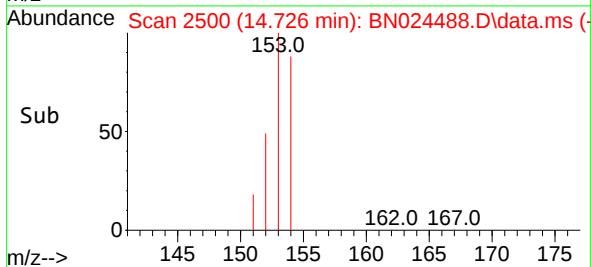
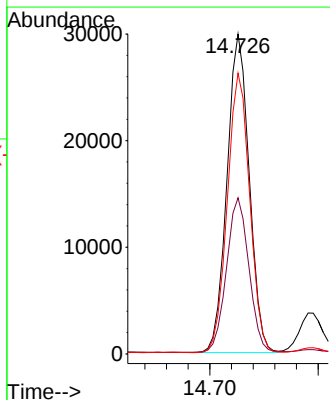
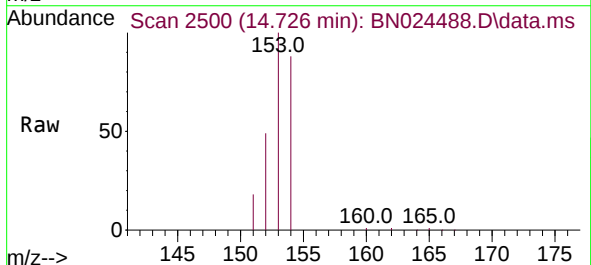
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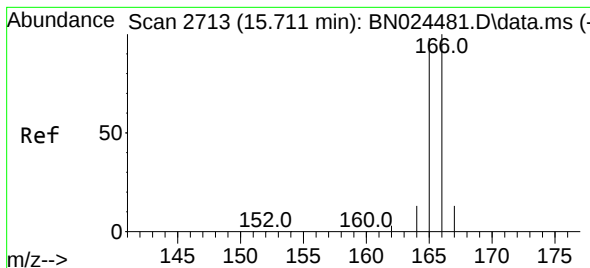
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#11
Acenaphthene
Concen: 0.812 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

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

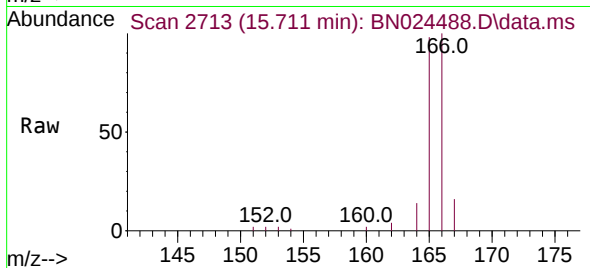
Acq: 22 Mar 2023 20:17

Instrument :

BNA_N

ClientSampleId :

CB937DL



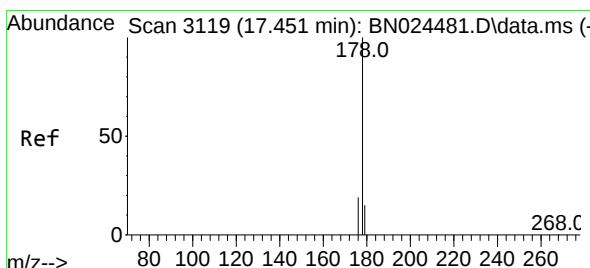
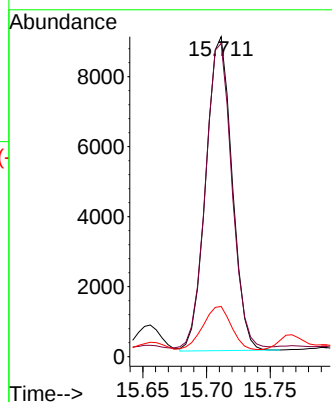
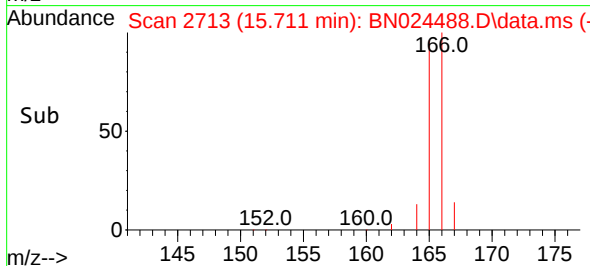
Tgt Ion:	166	Resp:	1281
Ion Ratio	Lower	Upper	
166	100		
165	97.9	77.4	116.0
167	15.7	10.9	16.3

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#15

Phenanthrene

Concen: 0.040 ng/ul

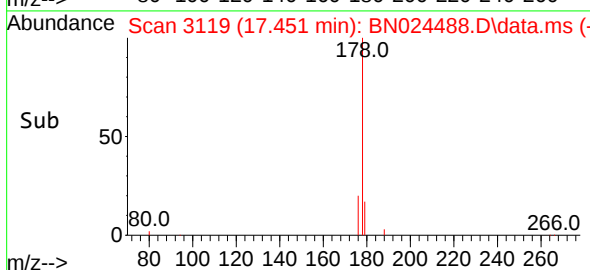
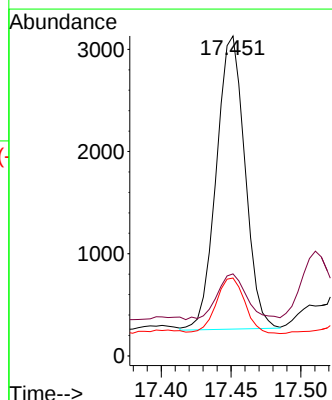
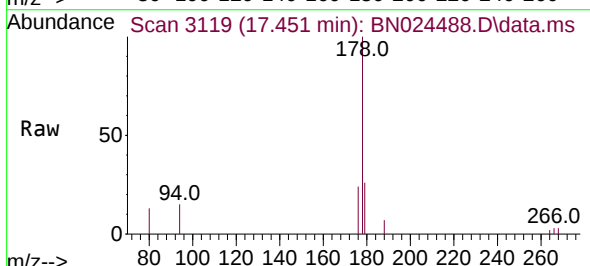
RT: 17.451 min Scan# 3119

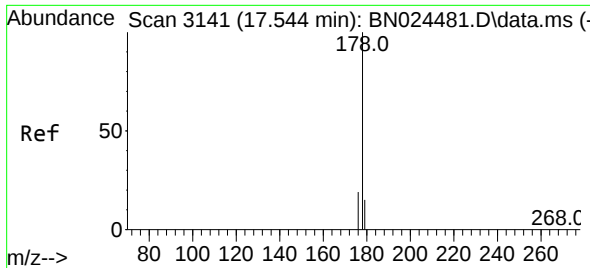
Delta R.T. 0.004 min

Lab File: BN024488.D

Acq: 22 Mar 2023 20:17

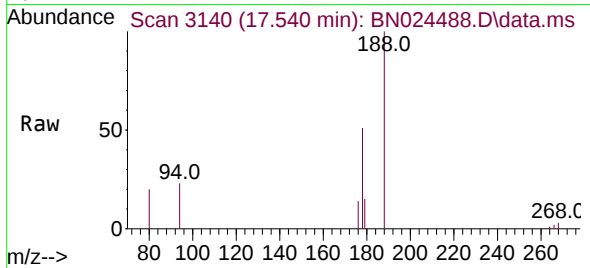
Tgt Ion:	178	Resp:	4089
Ion Ratio	Lower	Upper	
178	100		
179	25.6	12.2	18.2#
176	24.3	15.7	23.5#





#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.540 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BN024488.D
 Acq: 22 Mar 2023 20:17

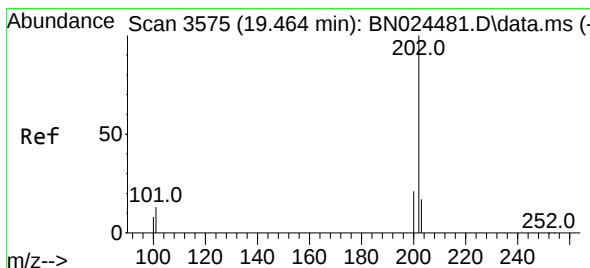
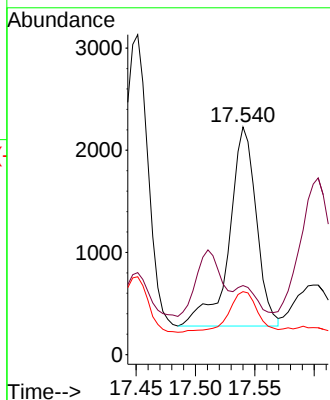
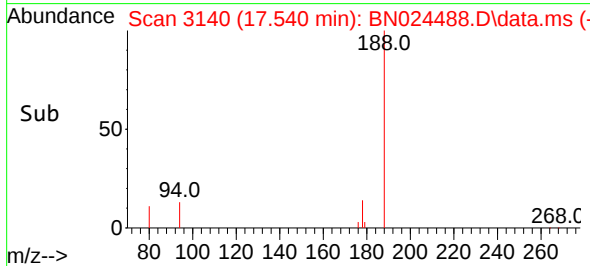
Instrument :
 BNA_N
 ClientSampleId :
 CB937DL



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#

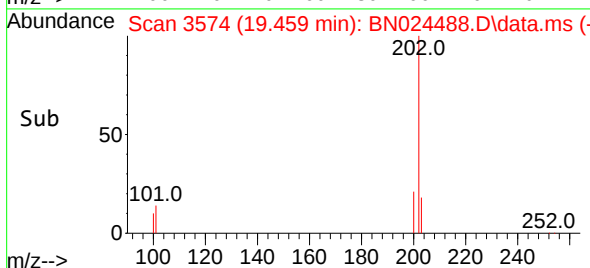
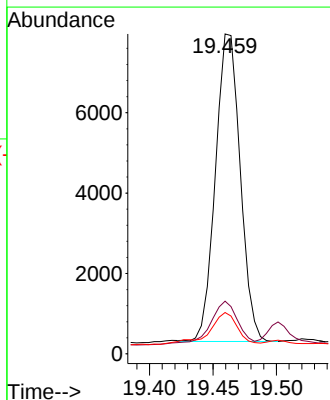
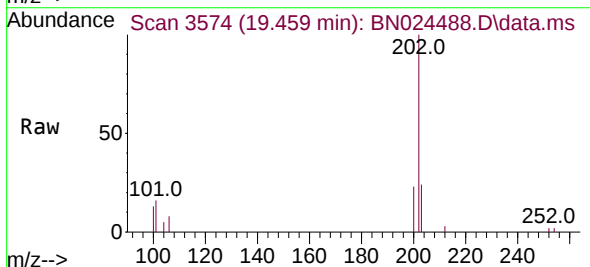
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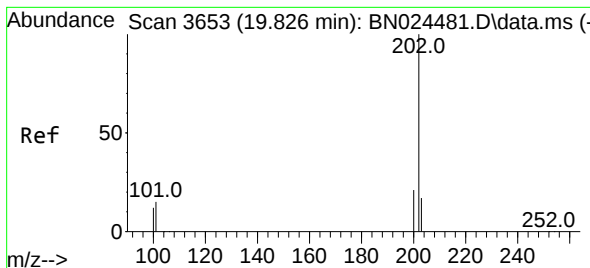
Reviewed By :Christian Giraldo 03/23/2023
 Supervised By :Jagrut Upadhyay 03/23/2023



#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

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: 0.092 ng/ul m

RT: 19.822 min Scan# 3653

Delta R.T. 0.000 min

Lab File: BN024488.D

Acq: 22 Mar 2023 20:17

Instrument :

BNA_N

ClientSampleId :

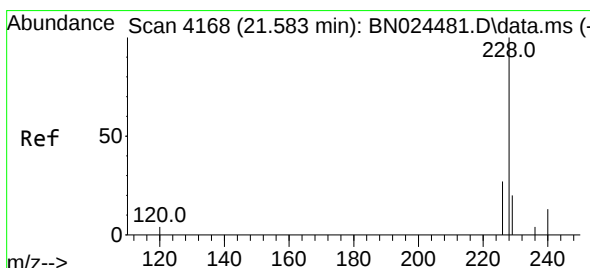
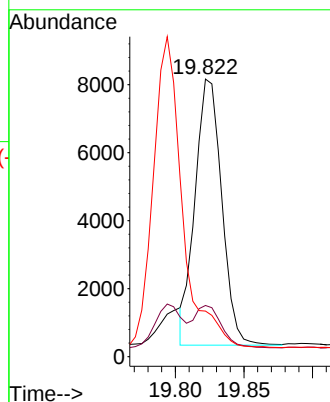
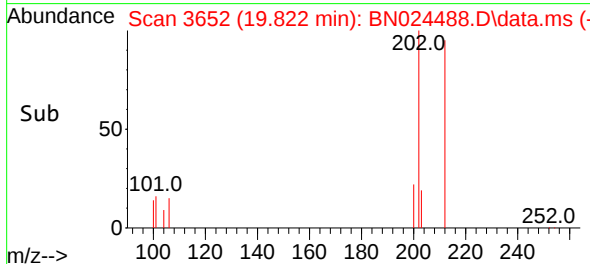
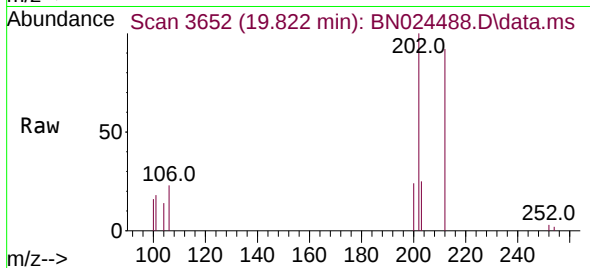
CB937DL

Tgt Ion:	202	Resp:	1061
Ion Ratio	Lower	Upper	
202	100		
101	18.4	12.1	18.1
100	16.4	9.4	14.0

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#21

Benzo(a)anthracene

Concen: 0.042 ng/ul

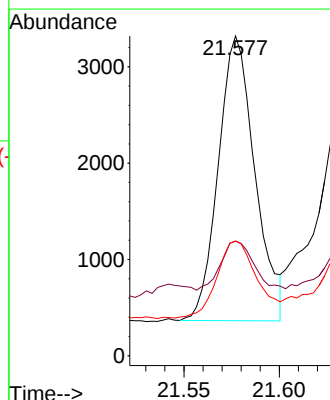
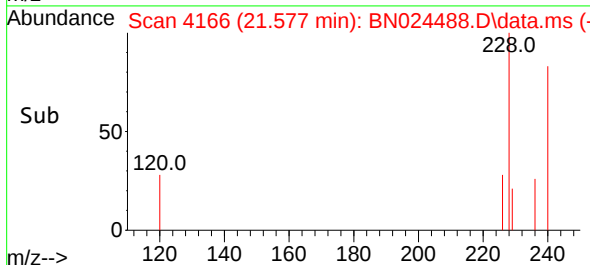
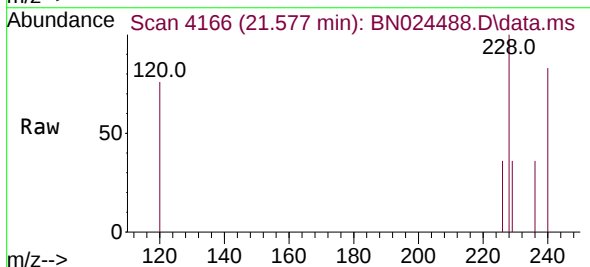
RT: 21.577 min Scan# 4166

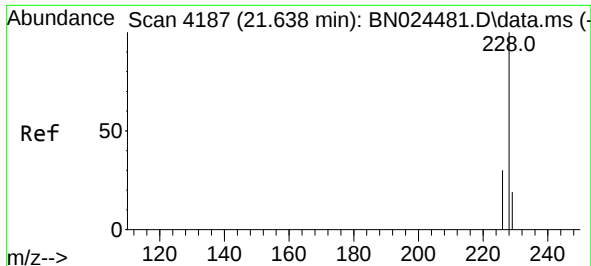
Delta R.T. 0.000 min

Lab File: BN024488.D

Acq: 22 Mar 2023 20:17

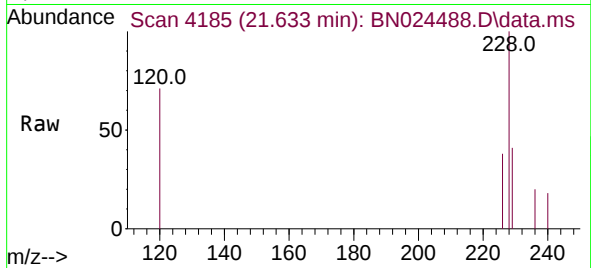
Tgt Ion:	228	Resp:	3958
Ion Ratio	Lower	Upper	
228	100		
229	35.8	15.8	23.6
226	35.9	22.2	33.4





#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.633 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

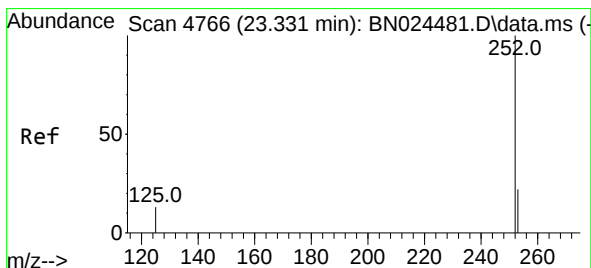
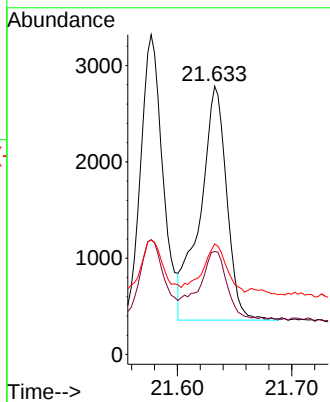
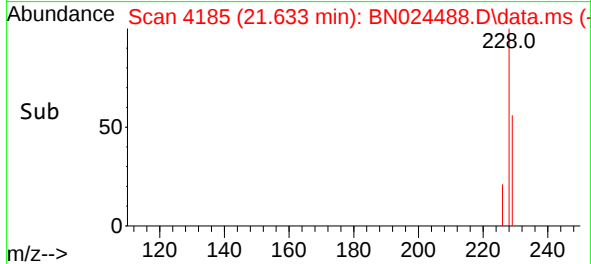
Instrument :
BNA_N
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CB937DL



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

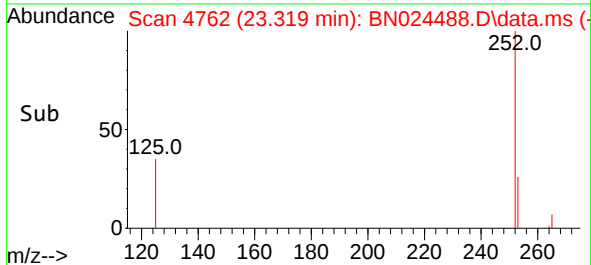
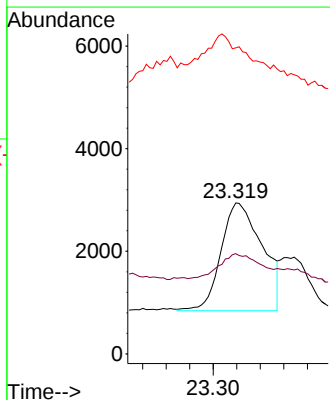
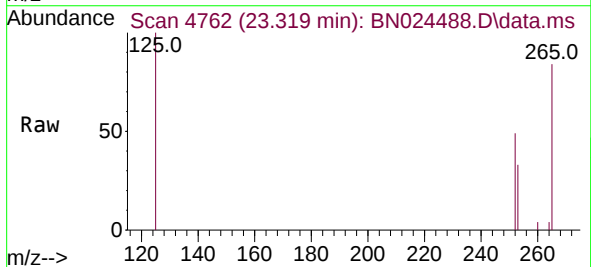
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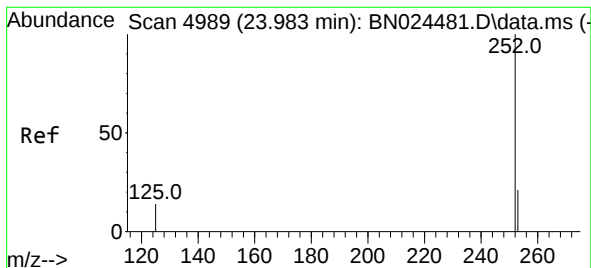
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#24
Benzo(b)fluoranthene
Concen: 0.048 ng/ul m
RT: 23.319 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BN024488.D
Acq: 22 Mar 2023 20:17

Tgt Ion:252 Resp: 5114
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# 4989

Delta R.T. 0.000 min

Lab File: BN024488.D

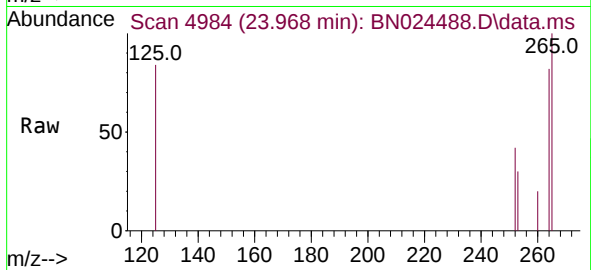
Acq: 22 Mar 2023 20:17

Instrument :

BNA_N

ClientSampleId :

CB937DL



Tgt Ion:252 Resp: 3330

Ion Ratio Lower Upper

252 100

253 72.1 19.2 28.8#

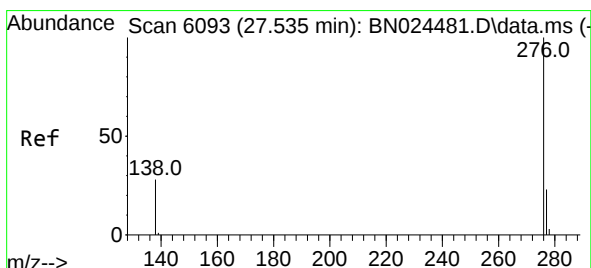
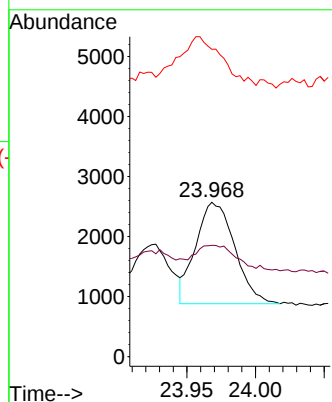
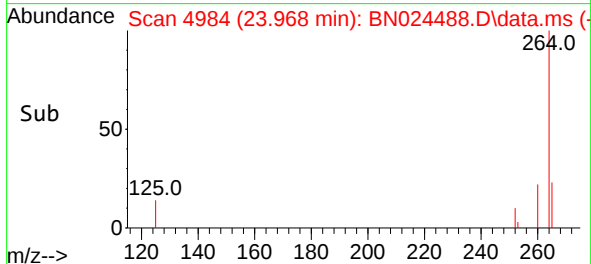
125 199.2 15.8 23.6#

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#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

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#

