

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025004.D
 Acq On : 19 Apr 2023 16:16
 Operator : CG/JU
 Sample : 02296-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBK6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2023
 Supervised By : Jagrut Upadhyay 04/20/2023

Quant Time: Apr 20 04:54:23 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	8127	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	27022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.552	164	33627	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.330	188	35831m	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	31241	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	29043	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	40929	4.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11502	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	27357	0.353	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	28815714	418.400	ng/ul#	91
7) 2-Methylnaphthalene	12.403	142	3386159	79.071	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	3287052	72.400	ng/ul	98
10) Acenaphthylene	14.297	152	131017	1.039	ng/ul#	76
11) Acenaphthene	14.653	153	12153685	112.425	ng/ul	97
12) Fluorene	15.630	166	5449724	45.011	ng/ul	97
15) Phenanthrene	17.376	178	14858458	147.153	ng/ul	94
16) Anthracene	17.461	178	643331	7.665	ng/ul	99
19) Fluoranthene	19.382	202	3653769	33.963	ng/ul	97
20) Pyrene	19.749	202	2124960	19.278	ng/ul	100
21) Benzo(a)anthracene	21.500	228	29154	0.296	ng/ul	97
22) Chrysene	21.552	228	18587	0.174	ng/ul#	91
24) Benzo(b)fluoranthene	23.215	252	3351m	0.029	ng/ul	

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

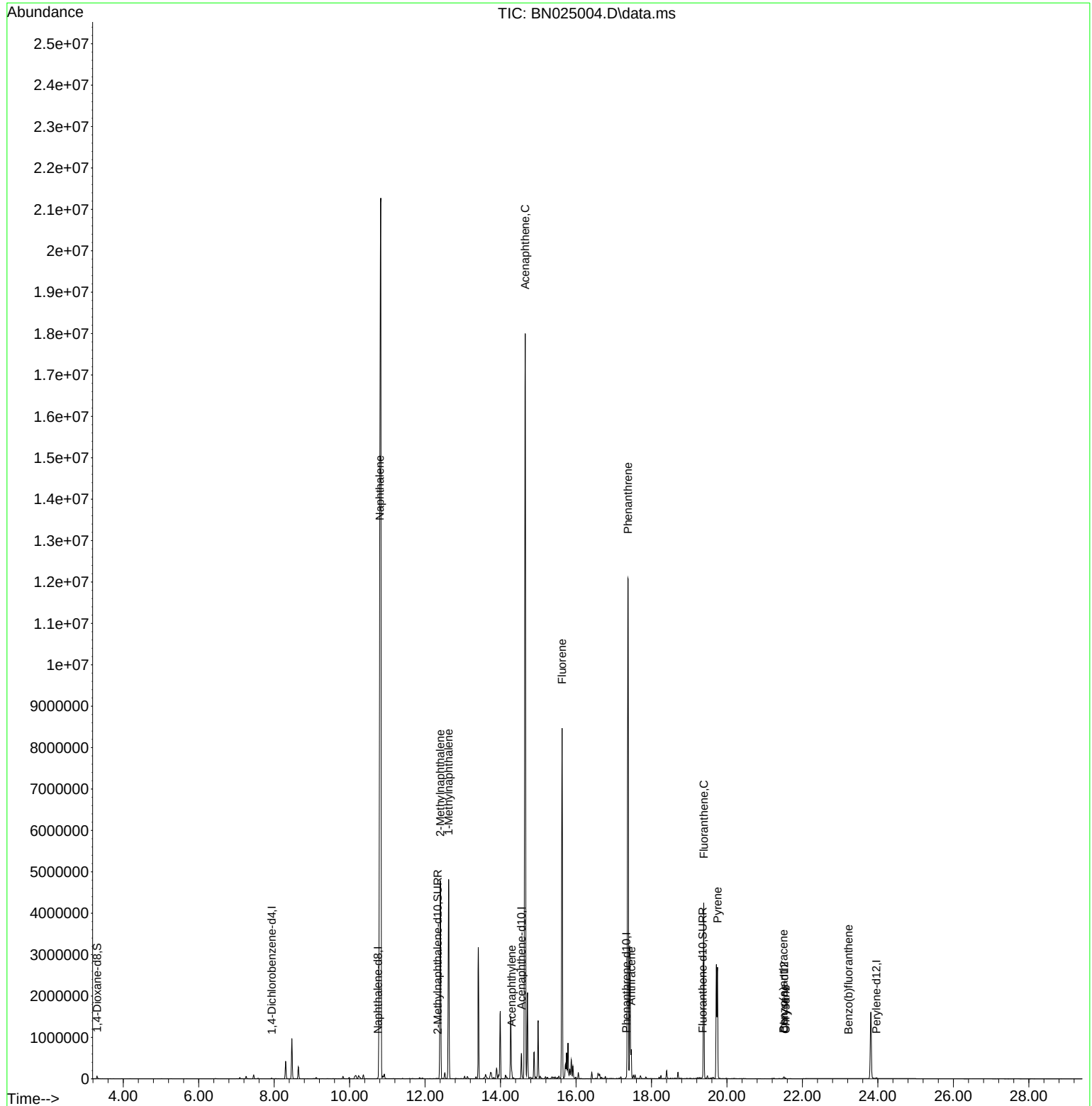
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
Data File : BN025004.D
Acq On : 19 Apr 2023 16:16
Operator : CG/JU
Sample : 02296-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

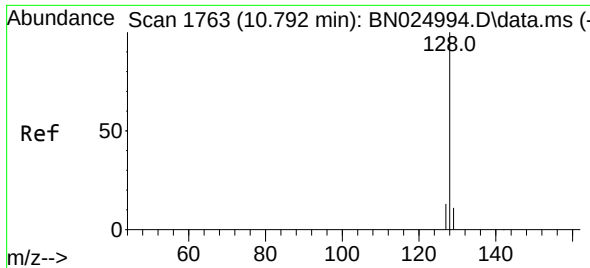
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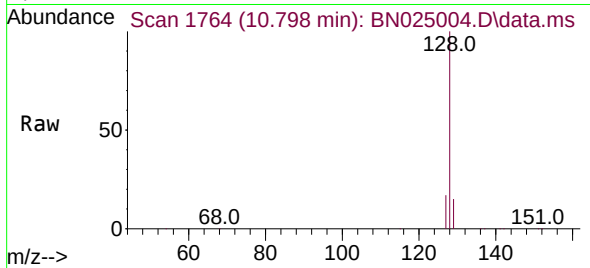
Quant Time: Apr 20 04:54:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 18:38:47 2023
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#5
Naphthalene
Concen: 418.400 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

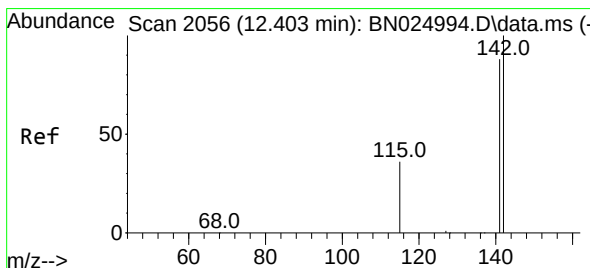
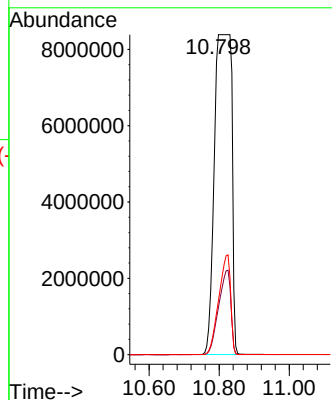
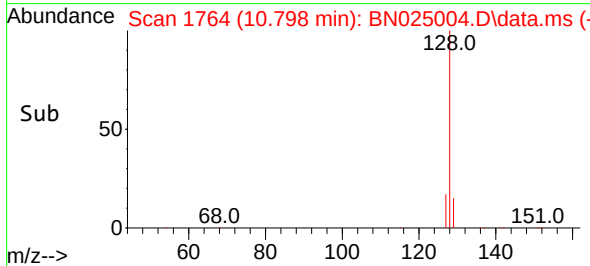
Instrument :
BNA_N
ClientSampleId :
DCBK6



Tgt Ion:128 Resp:28815714
Ion Ratio Lower Upper
128 100
129 14.7 9.1 13.7
127 16.9 10.5 15.7

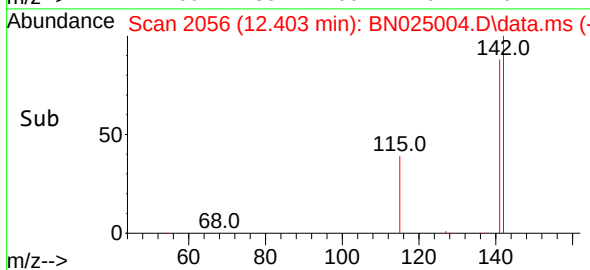
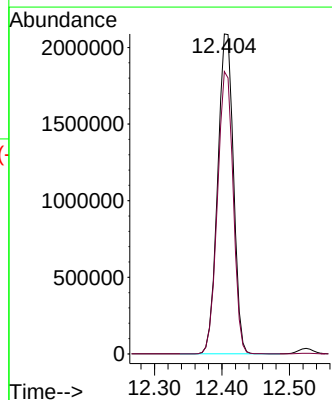
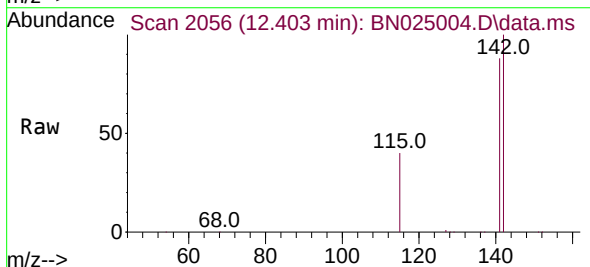
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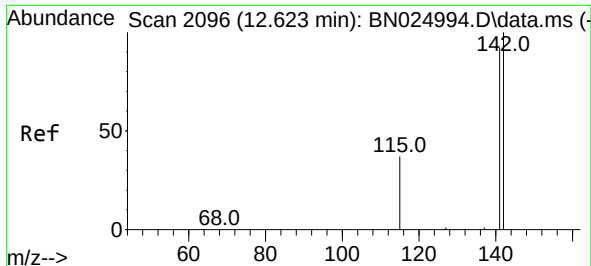
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#7
2-Methylnaphthalene
Concen: 79.071 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

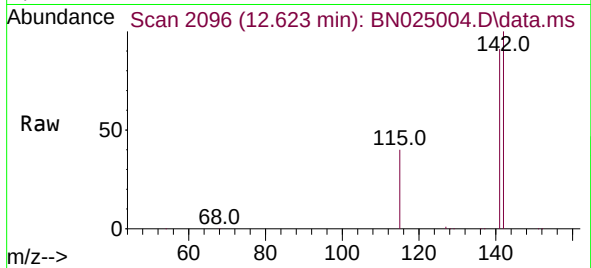
Tgt Ion:142 Resp: 3386159
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1





#8
1-Methylnaphthalene
Concen: 72.400 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

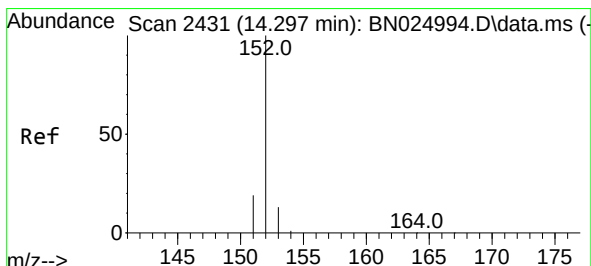
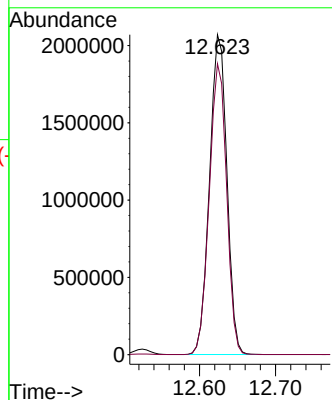
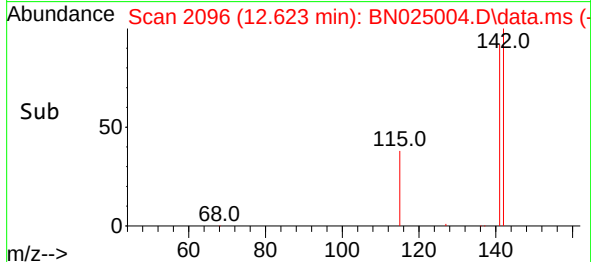
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3287052
Ion Ratio Lower Upper
142 100
141 90.9 74.0 111.0

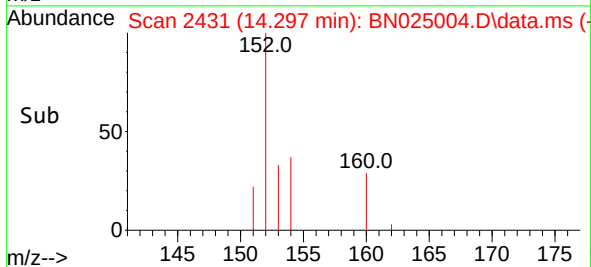
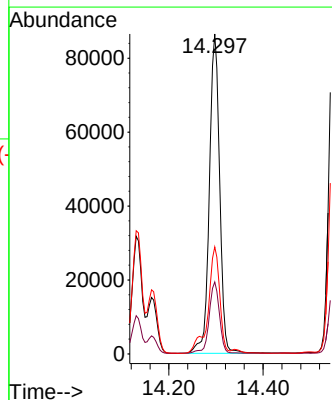
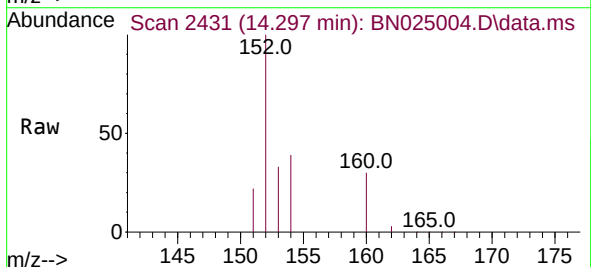
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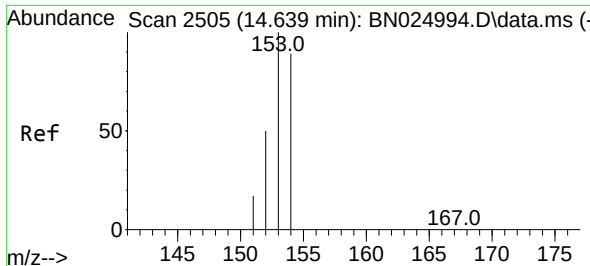
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#10
Acenaphthylene
Concen: 1.039 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

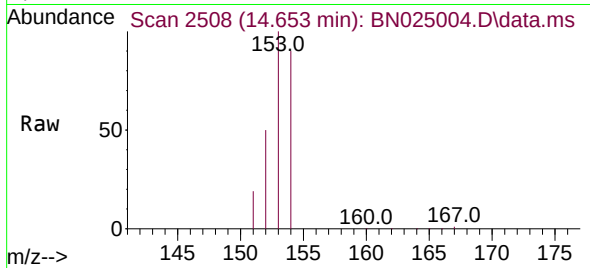
Tgt Ion:152 Resp: 131017
Ion Ratio Lower Upper
152 100
151 22.5 15.7 23.5
153 33.4 10.6 16.0#





#11
Acenaphthene
Concen: 112.425 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. 0.014 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

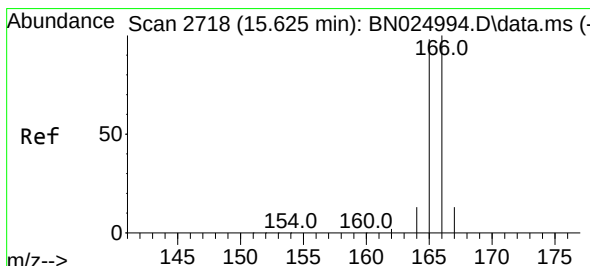
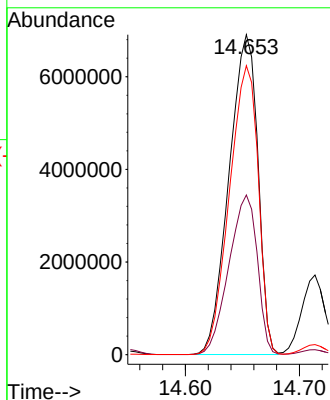
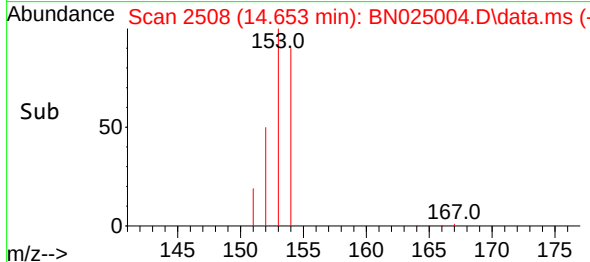
Instrument :
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ClientSampleId :
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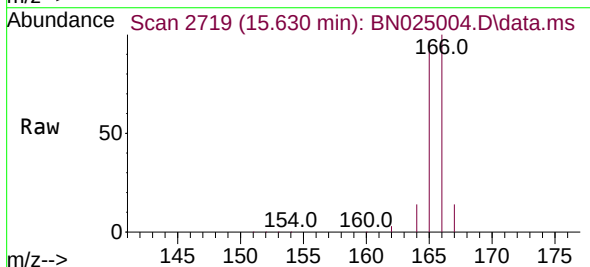
Tgt Ion:153 Resp:12153685
Ion Ratio Lower Upper
153 100
152 49.9 40.7 61.1
154 90.3 69.4 104.2

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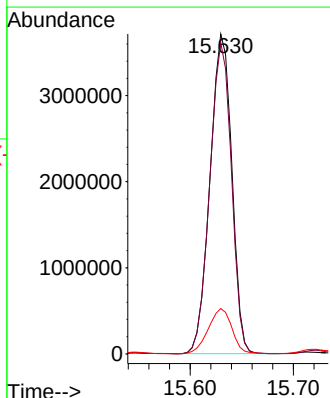
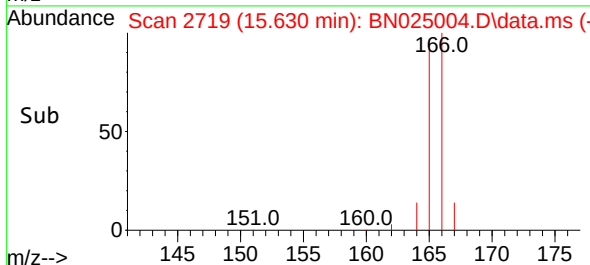
Reviewed By :Christian Giraldo 04/20/2023
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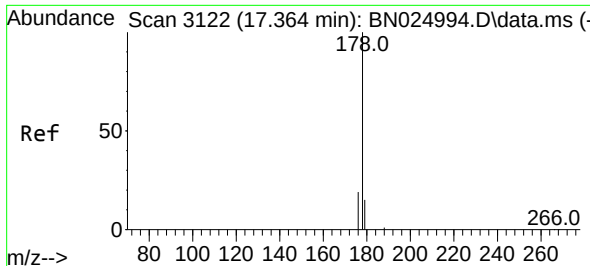


#12
Fluorene
Concen: 45.011 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. 0.005 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16



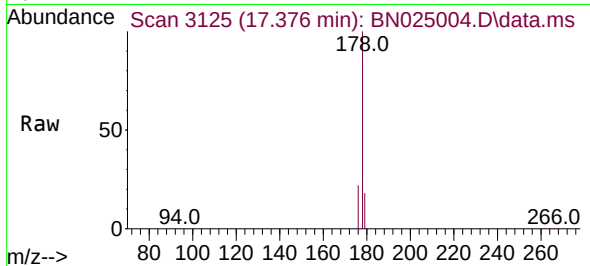
Tgt Ion:166 Resp: 5449724
Ion Ratio Lower Upper
166 100
165 97.2 80.1 120.1
167 14.2 10.7 16.1





#15
Phenanthrene
Concen: 147.153 ng/u1
RT: 17.376 min Scan# 3125
Delta R.T. 0.013 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

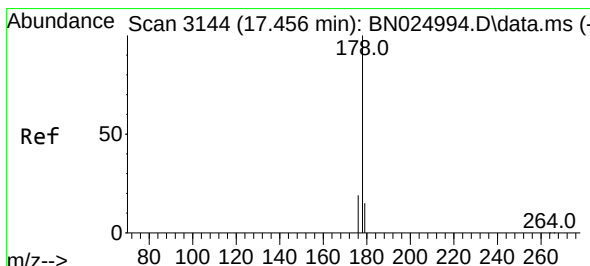
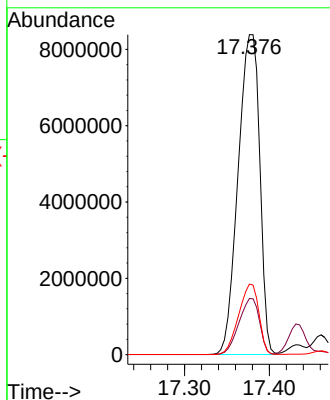
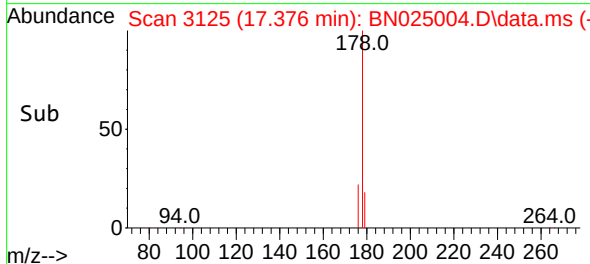
Instrument :
BNA_N
ClientSampleId :
DCBK6



Tgt Ion:178 Resp:14858458
Ion Ratio Lower Upper
178 100
179 17.5 12.3 18.5
176 22.0 15.4 23.0

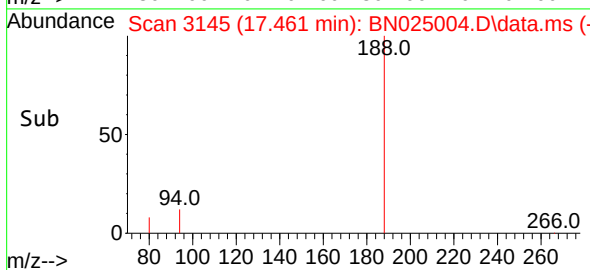
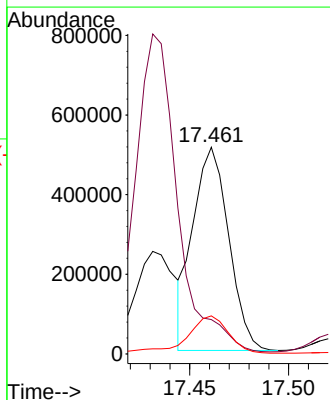
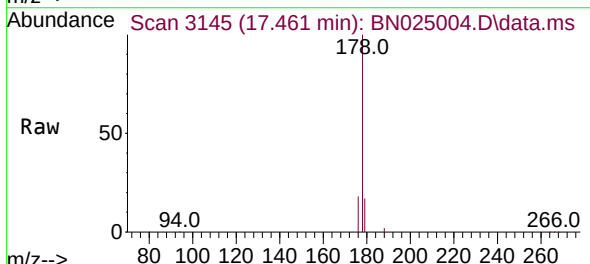
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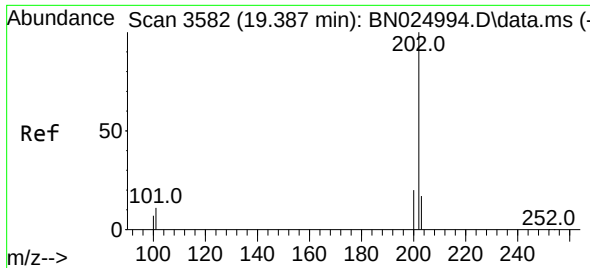
Reviewed By :Christian Giraldo 04/20/2023
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#16
Anthracene
Concen: 7.665 ng/u1
RT: 17.461 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

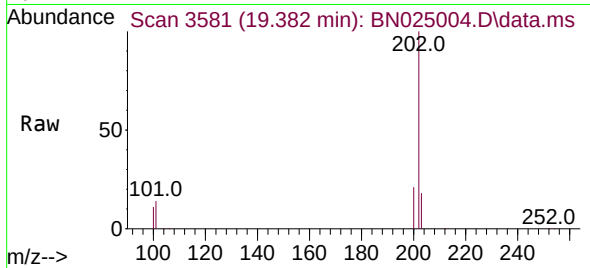
Tgt Ion:178 Resp: 643331
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 18.4 14.7 22.1





#19
Fluoranthene
Concen: 33.963 ng/u1
RT: 19.382 min Scan# 3582
Delta R.T. -0.004 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

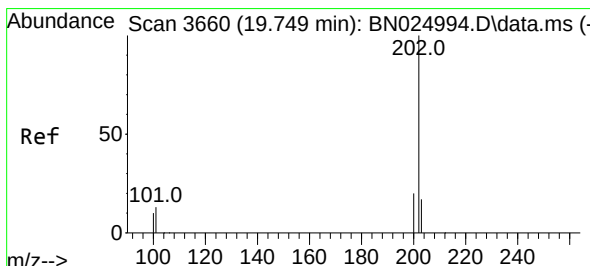
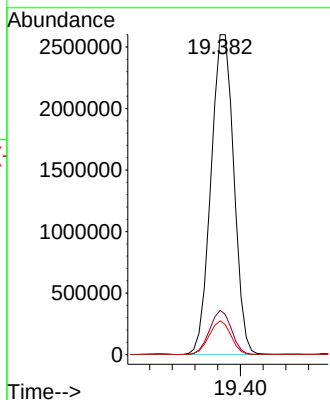
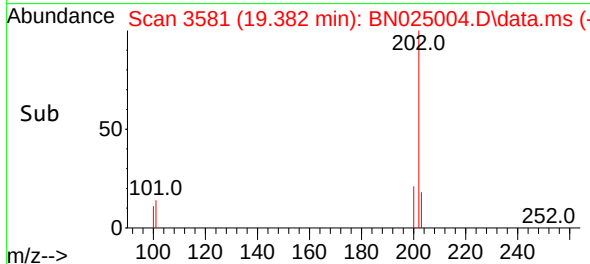
Instrument :
BNA_N
ClientSampleId :
DCBK6



Tgt Ion:202 Resp: 3653769
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 10.5 7.5 11.3

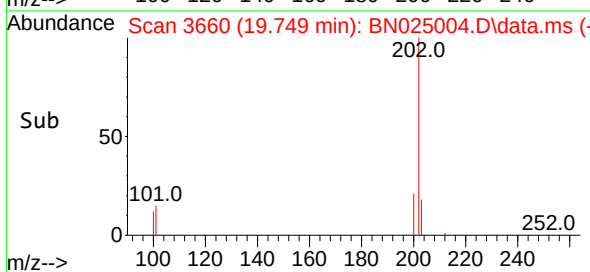
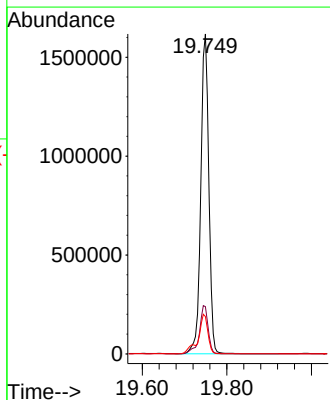
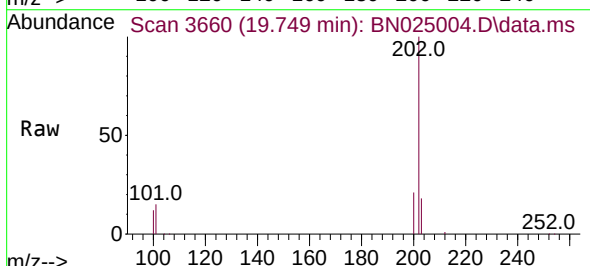
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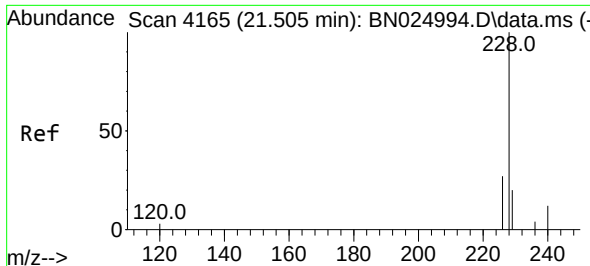
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#20
Pyrene
Concen: 19.278 ng/u1
RT: 19.749 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

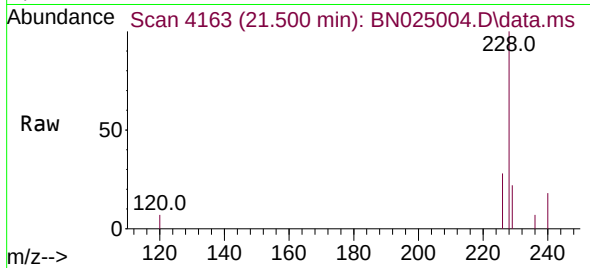
Tgt Ion:202 Resp: 2124960
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 11.7 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.500 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

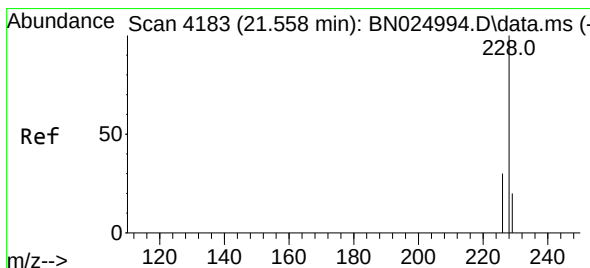
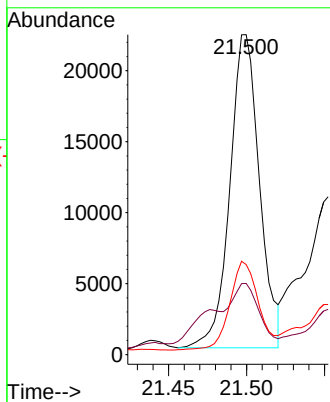
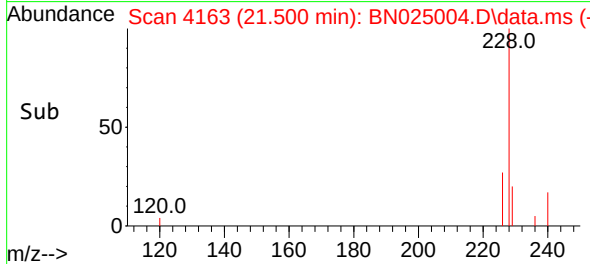
Instrument :
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ClientSampleId :
DCBK6



Tgt Ion:228 Resp: 29154
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.8
226 28.1 22.2 33.2

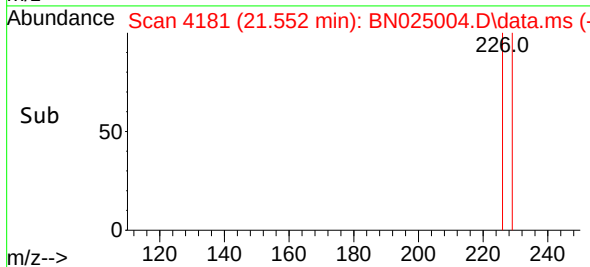
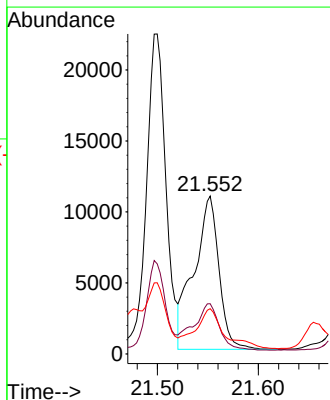
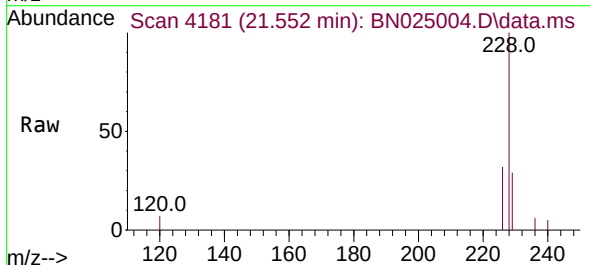
Manual Integrations
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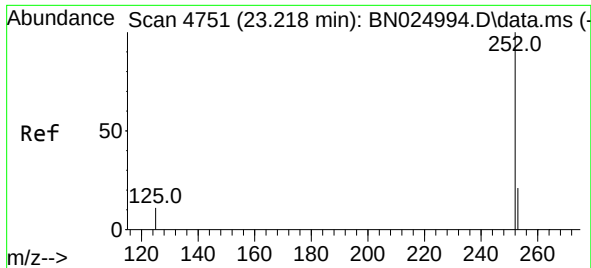
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#22
Chrysene
Concen: 0.174 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

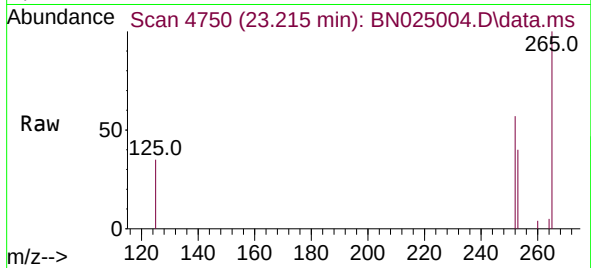
Tgt Ion:228 Resp: 18587
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 28.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.215 min Scan# 4751
Delta R.T. -0.003 min
Lab File: BN025004.D
Acq: 19 Apr 2023 16:16

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 335
Ion Ratio Lower Upper
252 100
253 70.2 0.0 49.4
125 61.4 0.0 31.2

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