

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028886.D
 Acq On : 27 Nov 2023 19:35
 Operator : MA/JU
 Sample : 05527-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:30:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	5959m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.424	136	18306	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.288	164	10200	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.039	188	17759	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.257	240	15408	0.400	ng/ul	#-0.01
23) Perylene-d12	23.531	264	17786	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	31047	4.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	7126	0.259	ng/ul	-0.04
18) Fluoranthene-d10	19.080	212	16487	0.333	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.473	128	7313	0.143	ng/ul#	66
8) 1-Methylnaphthalene	12.316	142	6390	0.186	ng/ul	86
10) Acenaphthylene	14.001	152	55440	1.089	ng/ul#	93
11) Acenaphthene	14.353	153	4549387	121.439	ng/ul	99
12) Fluorene	15.338	166	974422	22.356	ng/ul	98
15) Phenanthrene	17.081	178	38289m	0.702	ng/ul	
16) Anthracene	17.170	178	175239	3.502	ng/ul	98
19) Fluoranthene	19.108	202	775097	11.828	ng/ul	100
20) Pyrene	19.475	202	414615	6.105	ng/ul	98
21) Benzo(a)anthracene	21.240	228	19733	0.324	ng/ul#	85
22) Chrysene	21.292	228	4681	0.079	ng/ul#	64

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

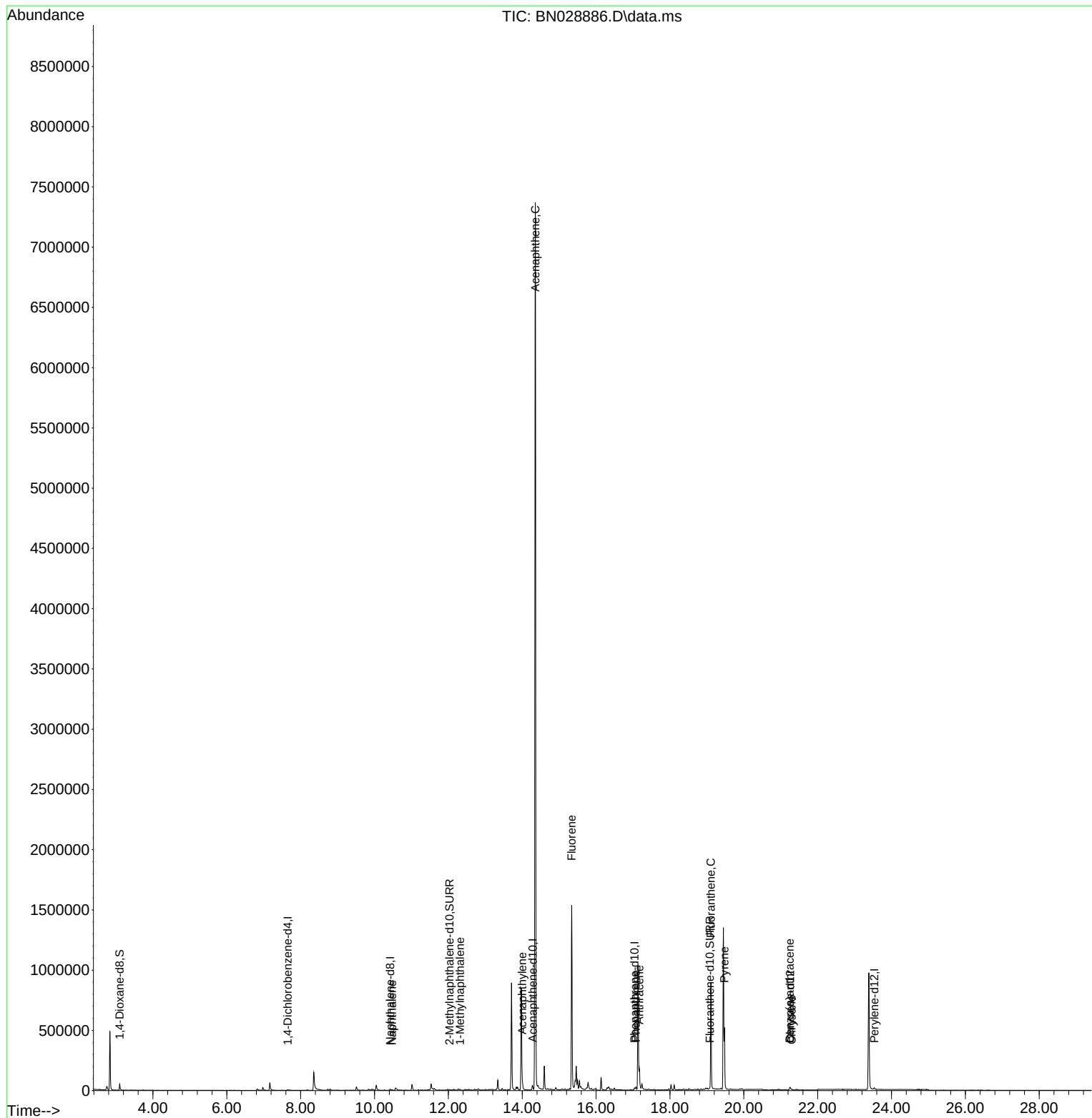
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028886.D
Acq On : 27 Nov 2023 19:35
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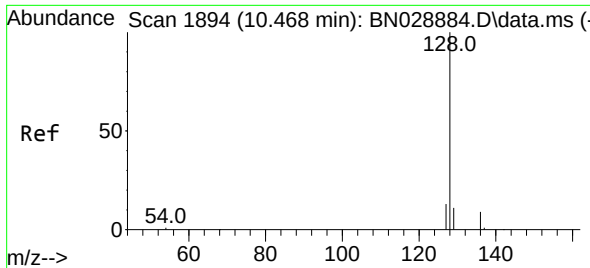
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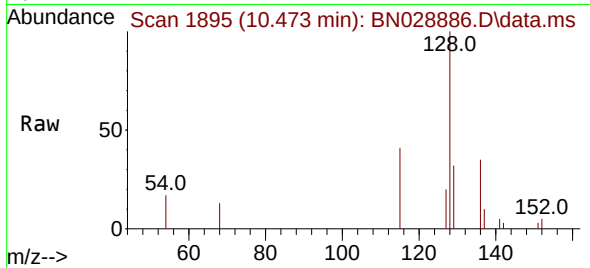
Quant Time: Nov 28 04:30:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.473 min Scan# 1895
Delta R.T. -0.033 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

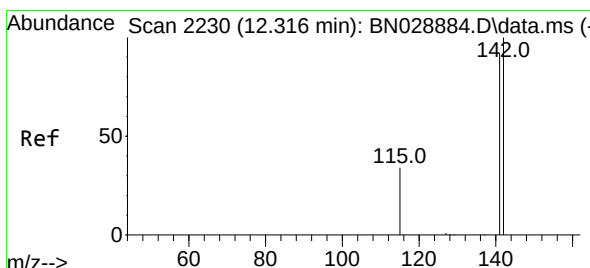
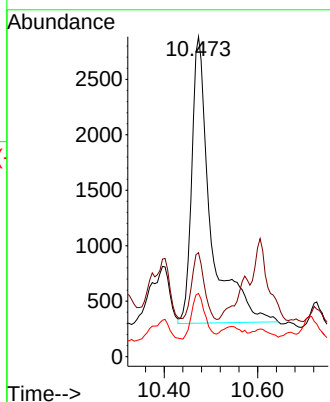
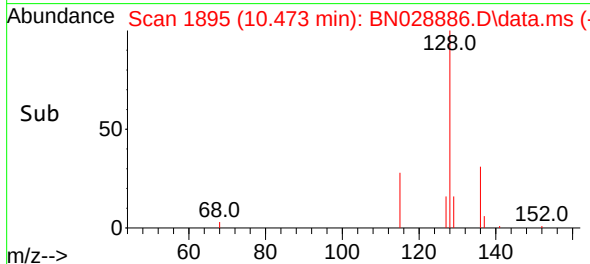
Instrument :
BNA_N
ClientSampleId :
C0AJ2



Tgt Ion:128 Resp: 7311
Ion Ratio Lower Upper
128 100
129 32.5 9.2 13.8
127 19.8 10.7 16.1

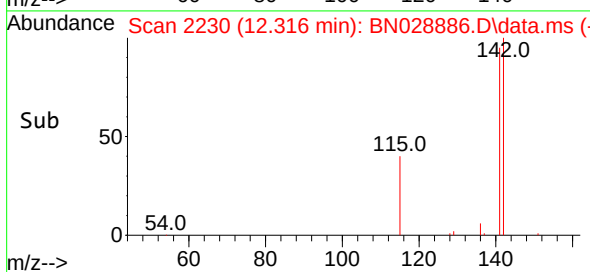
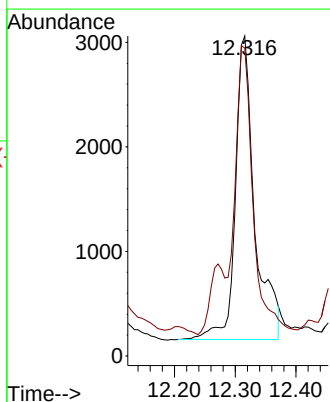
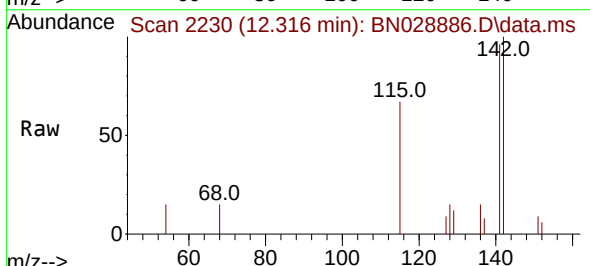
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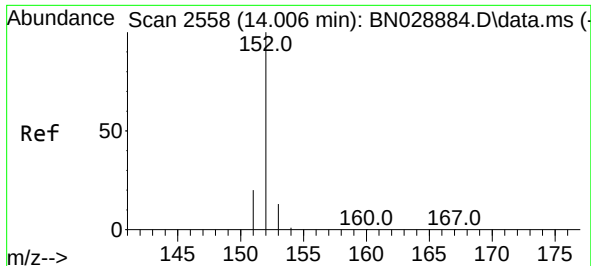
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#8
1-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.316 min Scan# 2230
Delta R.T. -0.022 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

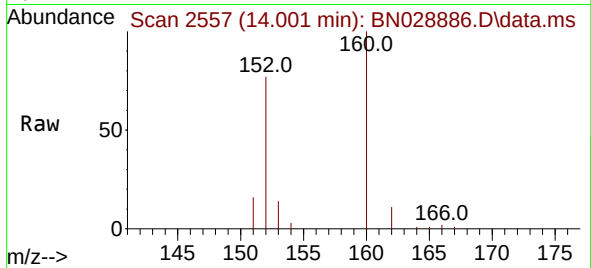
Tgt Ion:142 Resp: 6390
Ion Ratio Lower Upper
142 100
141 79.6 74.1 111.1





#10
Acenaphthylene
Concen: 1.089 ng/ul
RT: 14.001 min Scan# 2557
Delta R.T. -0.024 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

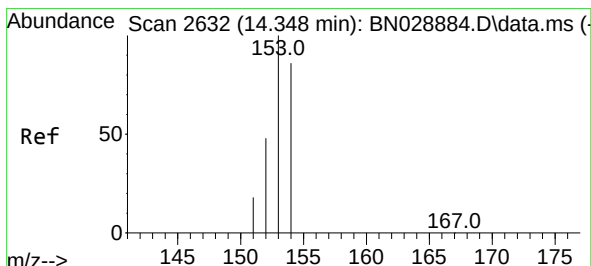
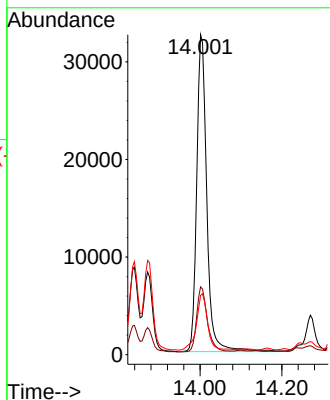
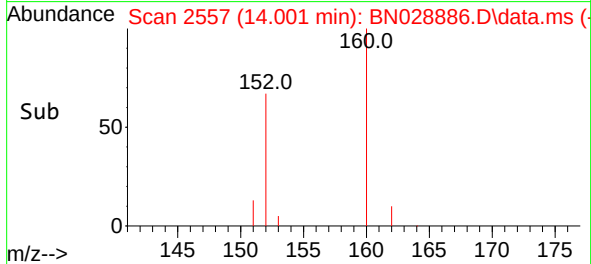
Instrument :
BNA_N
ClientSampleId :
C0AJ2



Tgt Ion:152 Resp: 55440
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 18.6 10.6 15.8

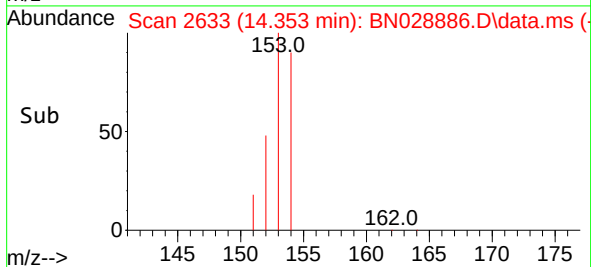
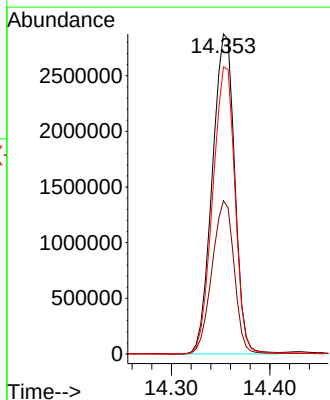
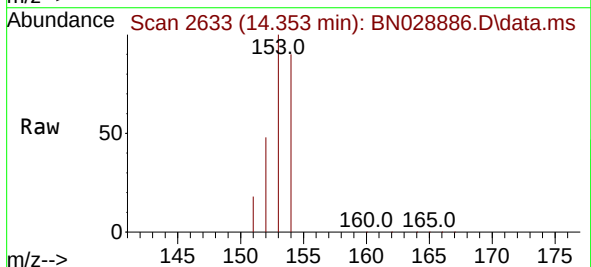
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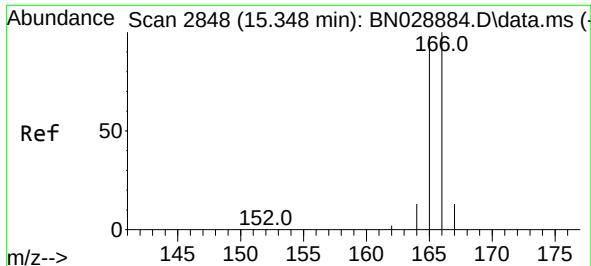
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 121.439 ng/ul
RT: 14.353 min Scan# 2633
Delta R.T. -0.010 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

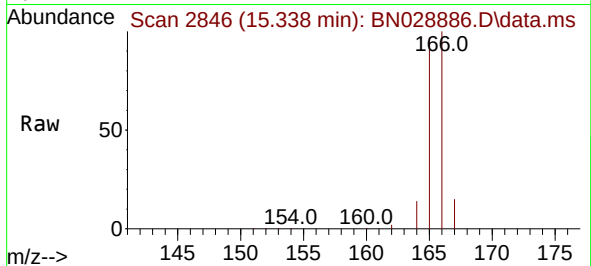
Tgt Ion:153 Resp: 4549387
Ion Ratio Lower Upper
153 100
152 47.9 39.6 59.4
154 89.7 71.0 106.6





#12
Fluorene
Concen: 22.356 ng/ul
RT: 15.338 min Scan# 2846
Delta R.T. -0.029 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

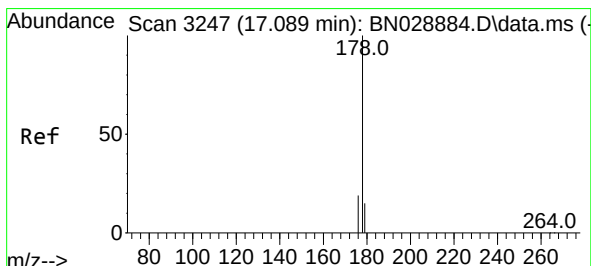
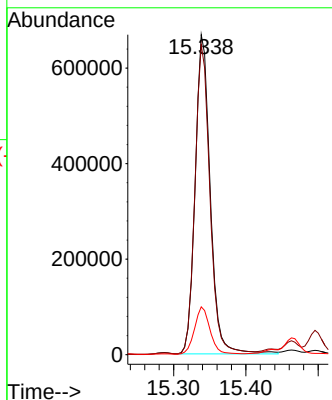
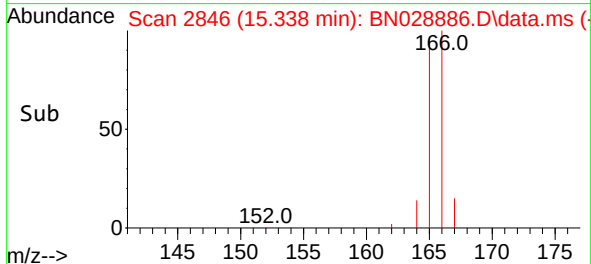
Instrument :
BNA_N
ClientSampleId :
C0AJ2



Tgt Ion:166 Resp: 97442
Ion Ratio Lower Upper
166 100
165 96.9 78.6 118.0
167 14.9 11.0 16.6

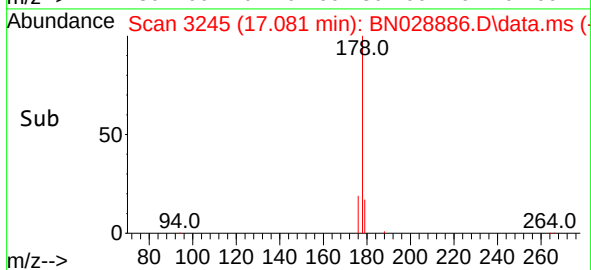
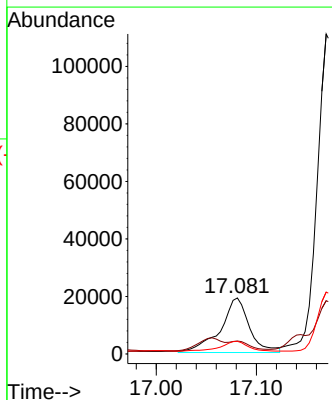
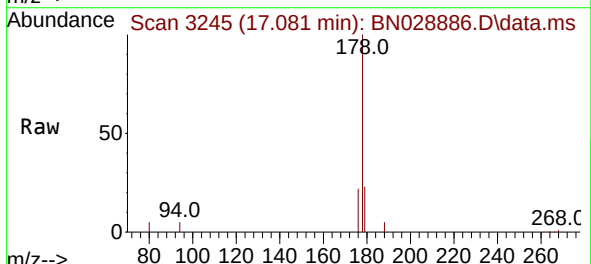
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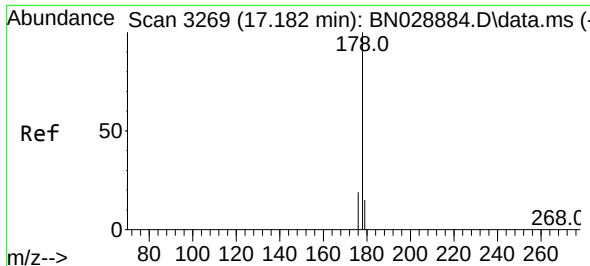
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.702 ng/ul m
RT: 17.081 min Scan# 3245
Delta R.T. -0.022 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

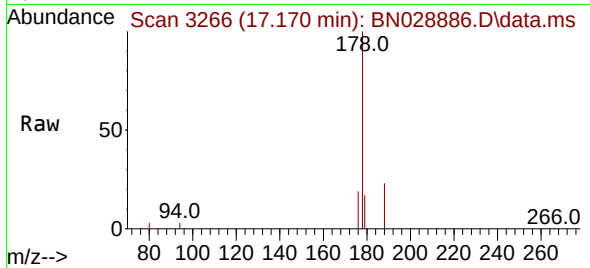
Tgt Ion:178 Resp: 38289
Ion Ratio Lower Upper
178 100
179 23.3 12.4 18.6#
176 22.5 15.4 23.2





#16
 Anthracene
 Concen: 3.502 ng/u1
 RT: 17.170 min Scan# 31
 Delta R.T. -0.035 min
 Lab File: BN028886.D
 Acq: 27 Nov 2023 19:35

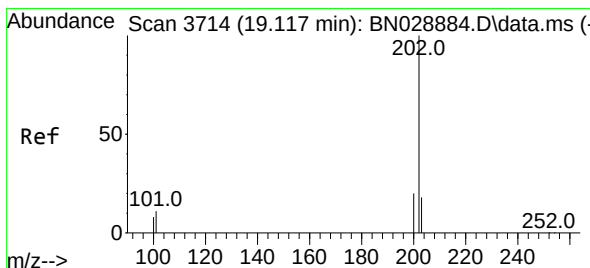
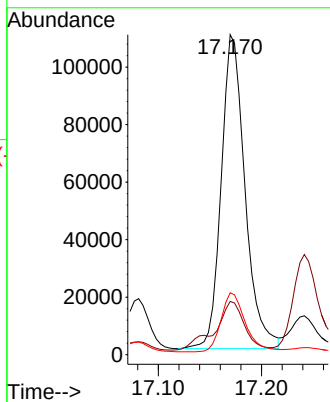
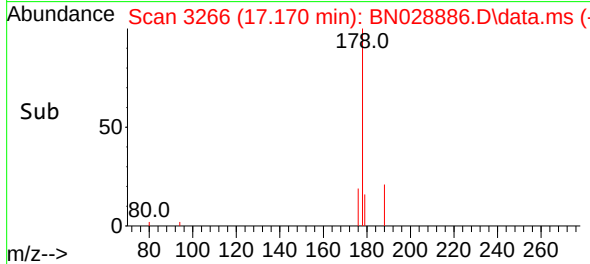
Instrument :
 BNA_N
 ClientSampleId :
 C0AJ2



Tgt Ion:178 Resp: 175239
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.6 18.8
 176 19.4 14.9 22.3

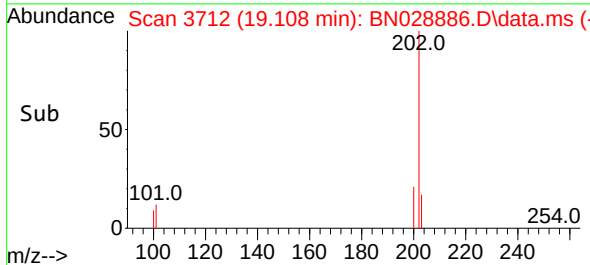
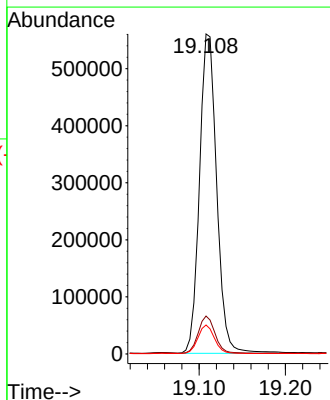
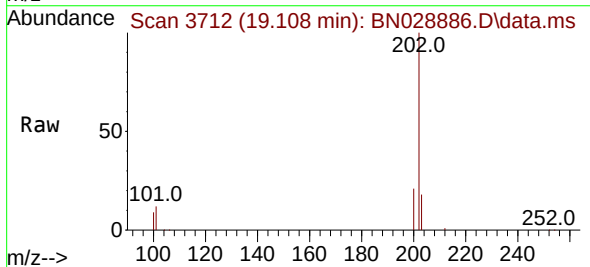
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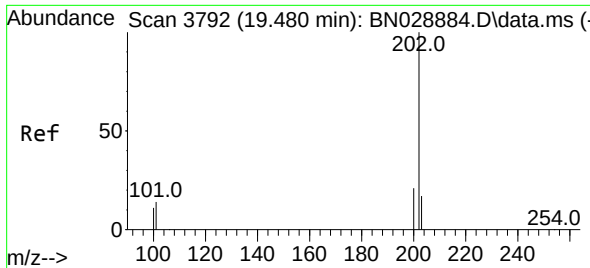
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#19
 Fluoranthene
 Concen: 11.828 ng/u1
 RT: 19.108 min Scan# 3712
 Delta R.T. -0.015 min
 Lab File: BN028886.D
 Acq: 27 Nov 2023 19:35

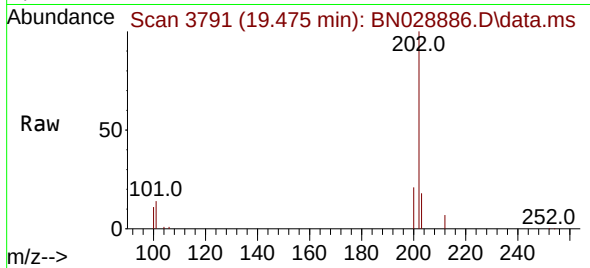
Tgt Ion:202 Resp: 775097
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.5 14.3
 100 9.0 7.2 10.8





#20
Pyrene
Concen: 6.105 ng/u1
RT: 19.475 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

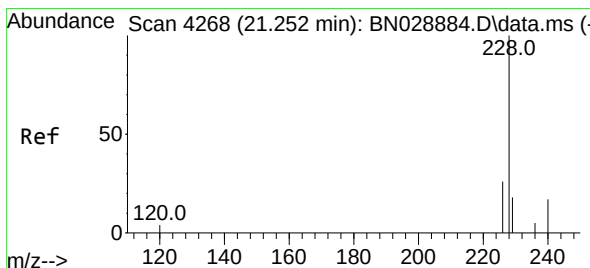
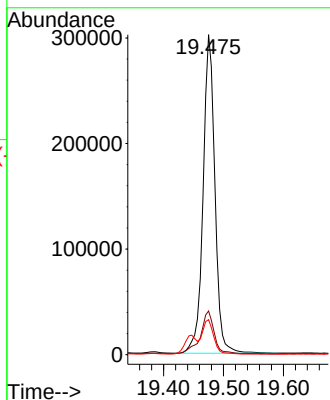
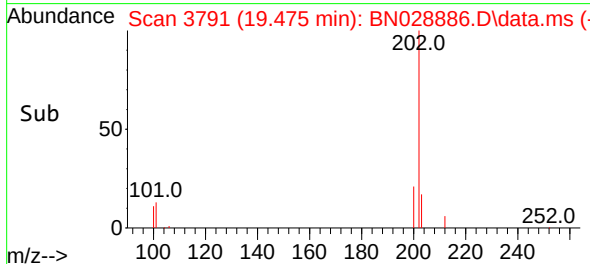
Instrument :
BNA_N
ClientSampleId :
C0AJ2



Tgt Ion:202 Resp: 414615
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 11.0 8.2 12.2

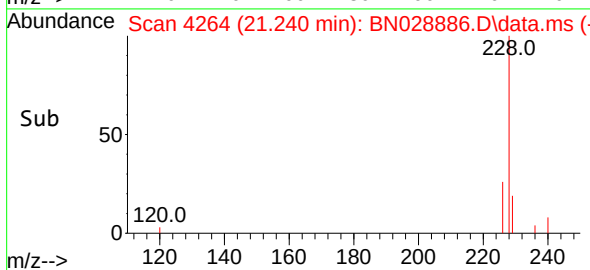
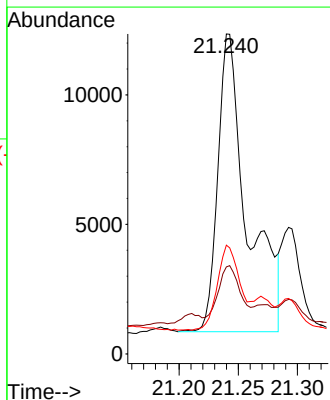
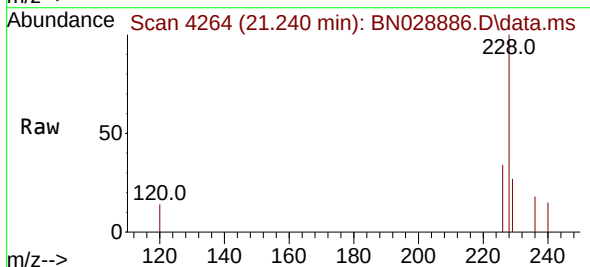
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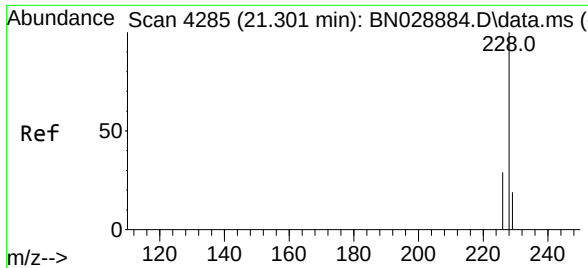
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#21
Benzo(a)anthracene
Concen: 0.324 ng/u1
RT: 21.240 min Scan# 4264
Delta R.T. -0.015 min
Lab File: BN028886.D
Acq: 27 Nov 2023 19:35

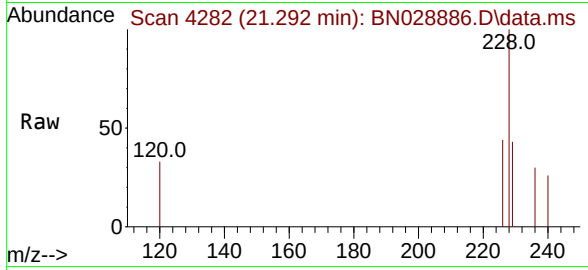
Tgt Ion:228 Resp: 19733
Ion Ratio Lower Upper
228 100
229 27.2 15.7 23.5#
226 34.0 21.4 32.0#





#22
 Chrysene
 Concen: 0.079 ng/ul
 RT: 21.292 min Scan# 41
 Delta R.T. -0.013 min
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Instrument :
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Tgt Ion:228 Resp: 468

Ion	Ratio	Lower	Upper
228	100		
226	43.8	23.8	35.8
229	43.1	15.4	23.2

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