

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028898.D
 Acq On : 28 Nov 2023 02:44
 Operator : MA/JU
 Sample : 05416-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 04:32:23 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	7.664	152	5625m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.428	136	18341	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	8644	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.047	188	14369	0.400	ng/ul	-0.01
17) Chrysene-d12	21.262	240	12069	0.400	ng/ul	# 0.00
23) Perylene-d12	23.533	264	13966	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	12247	1.970	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.050	152	1680	0.061	ng/ul	-0.02
18) Fluoranthene-d10	19.084	212	3887	0.100	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.477	128	5232	0.102	ng/ul#	87
7) 2-Methylnaphthalene	12.122	142	2783	0.082	ng/ul	97
8) 1-Methylnaphthalene	12.325	142	2476	0.072	ng/ul	99
10) Acenaphthylene	14.005	152	7722	0.179	ng/ul#	94
11) Acenaphthene	14.352	153	1048	0.033	ng/ul#	94
12) Fluorene	15.347	166	1660	0.045	ng/ul#	94
15) Phenanthrene	17.085	178	33799	0.766	ng/ul	99
16) Anthracene	17.178	178	7631	0.189	ng/ul#	91
19) Fluoranthene	19.112	202	60200	1.173	ng/ul	99
20) Pyrene	19.474	202	55168	1.037	ng/ul	96
21) Benzo(a)anthracene	21.245	228	27556	0.577	ng/ul	95
22) Chrysene	21.297	228	23965	0.514	ng/ul	96
24) Benzo(b)fluoranthene	22.849	252	34214m	0.653	ng/ul	
25) Benzo(k)fluoranthene	22.887	252	13237m	0.241	ng/ul	
26) Benzo(a)pyrene	23.431	252	22576	0.456	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.862	276	17247	0.314	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.873	278	3831	0.087	ng/ul#	55
29) Benzo(g,h,i)perylene	26.570	276	16425	0.365	ng/ul	96

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

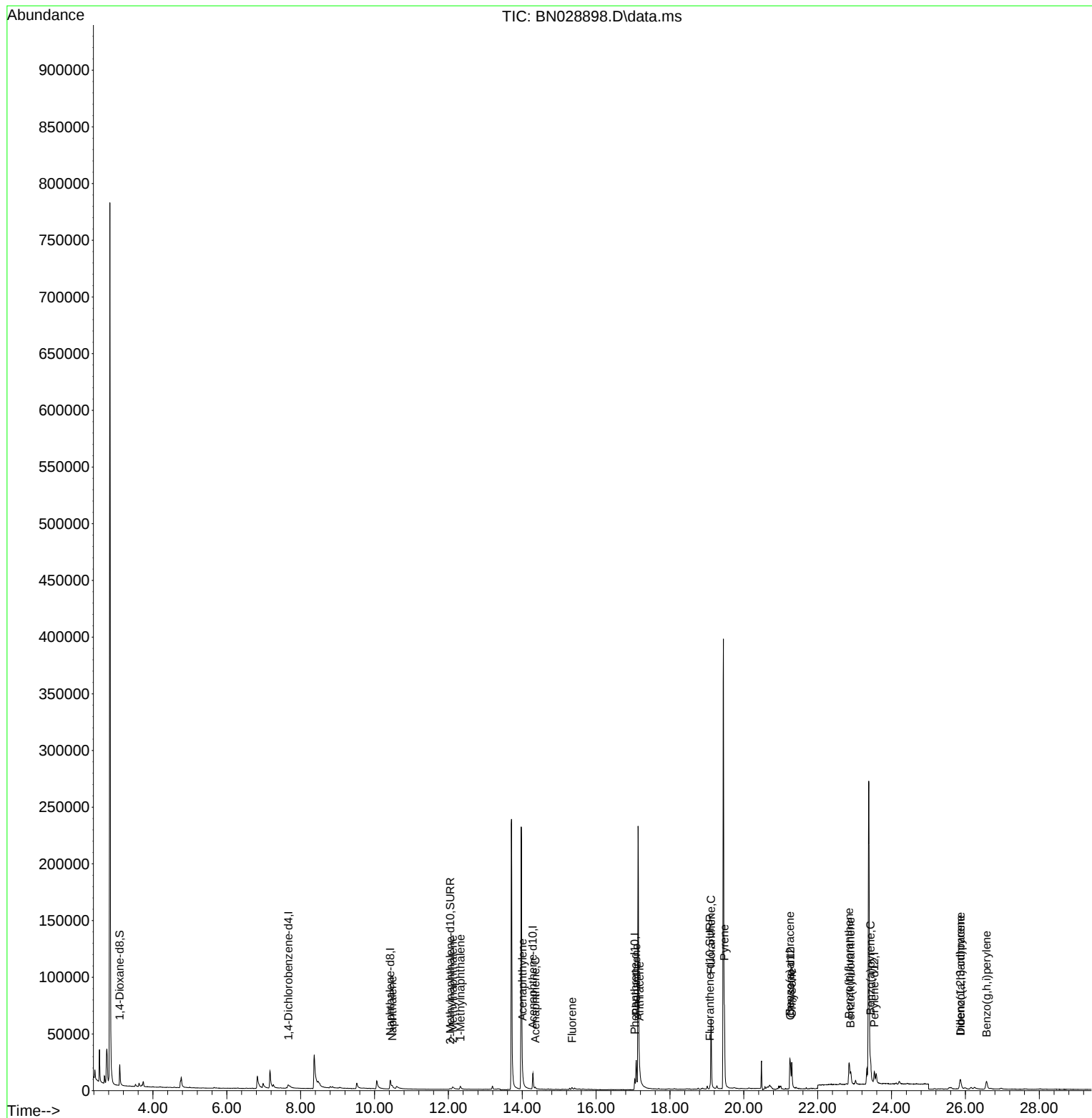
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028898.D
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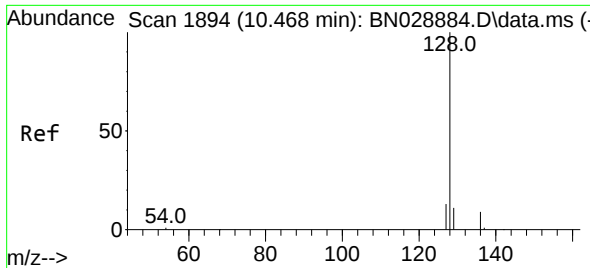
Instrument :
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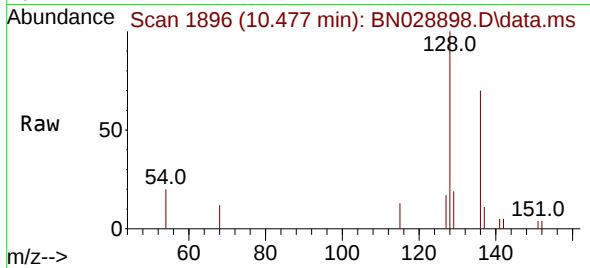
Quant Time: Nov 28 04:32:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.477 min Scan# 1896
Delta R.T. -0.029 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

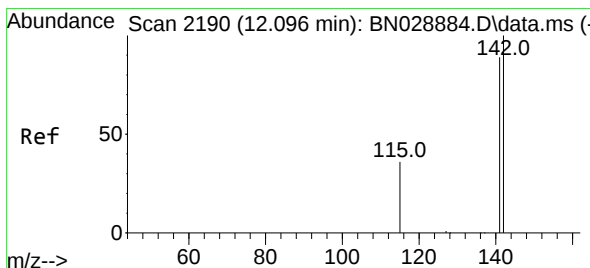
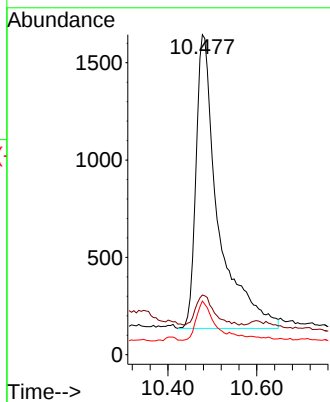
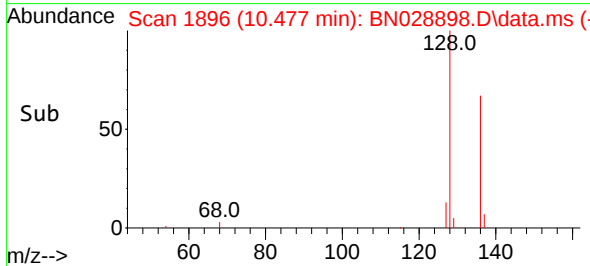
Instrument :
BNA_N
ClientSampleId :
COAH0



Tgt Ion:128 Resp: 523
Ion Ratio Lower Upper
128 100
129 18.7 9.2 13.8
127 16.8 10.7 16.1

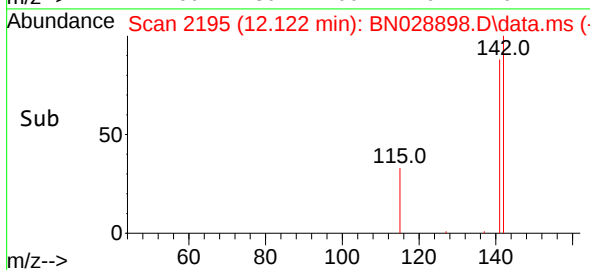
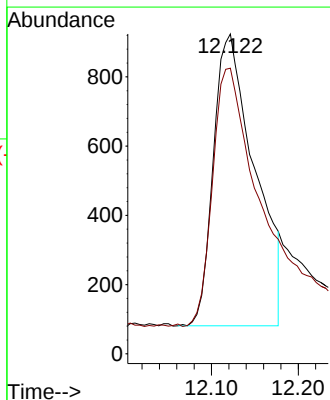
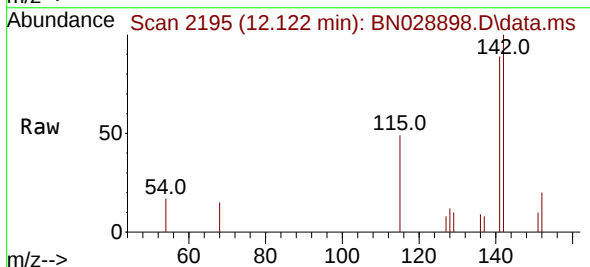
Manual Integrations
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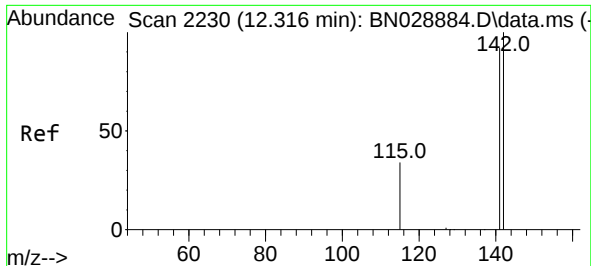
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.122 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

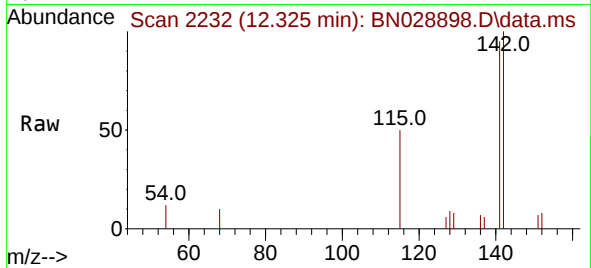
Tgt Ion:142 Resp: 2783
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.325 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

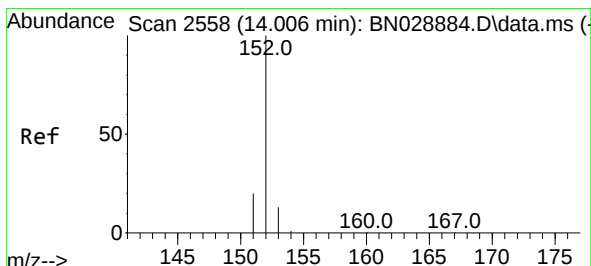
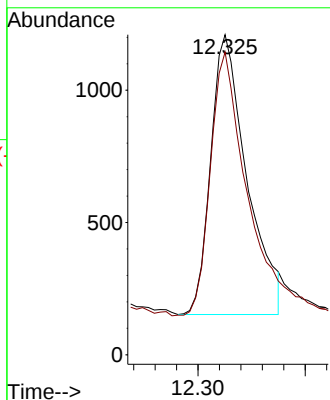
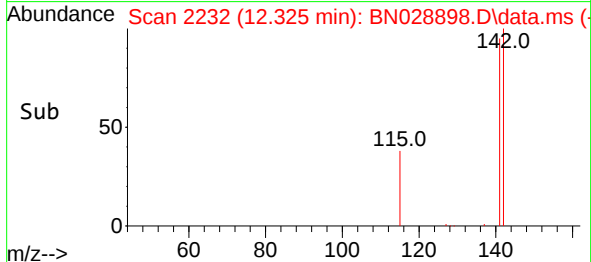
Instrument :
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ClientSampleId :
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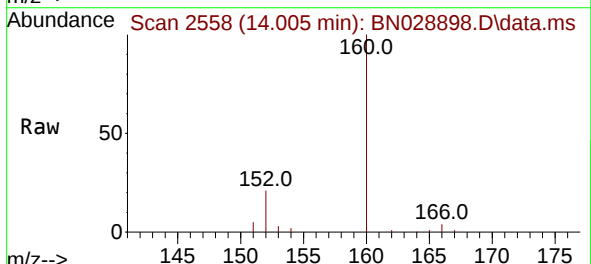
Tgt Ion:142 Resp: 2470
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

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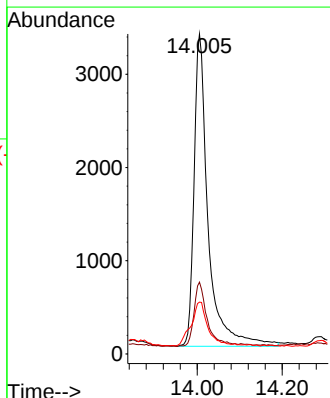
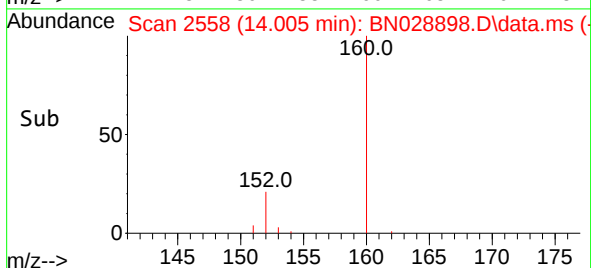
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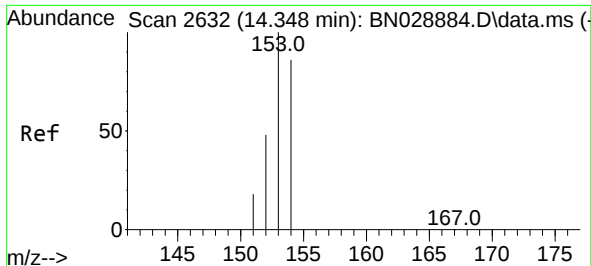


#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 14.005 min Scan# 2558
Delta R.T. -0.020 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44



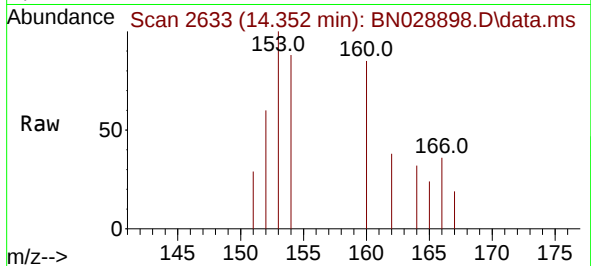
Tgt Ion:152 Resp: 7722
Ion Ratio Lower Upper
152 100
151 22.4 16.1 24.1
153 16.2 10.6 15.8#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.352 min Scan# 2633
Delta R.T. -0.011 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

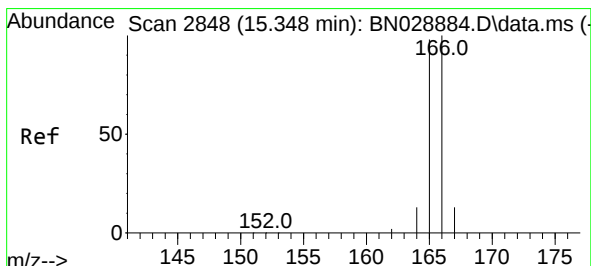
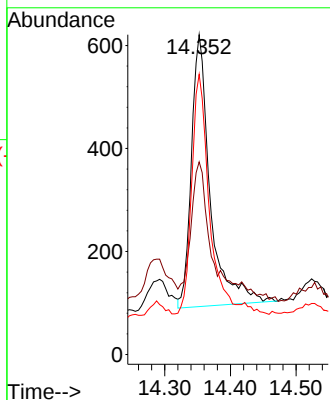
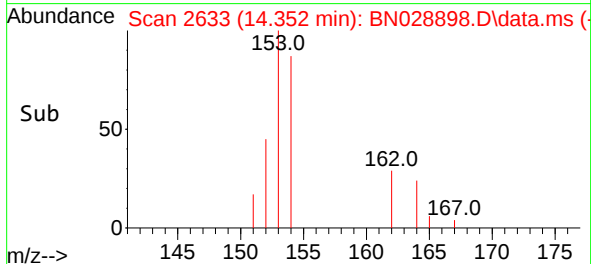
Instrument :
BNA_N
ClientSampleId :
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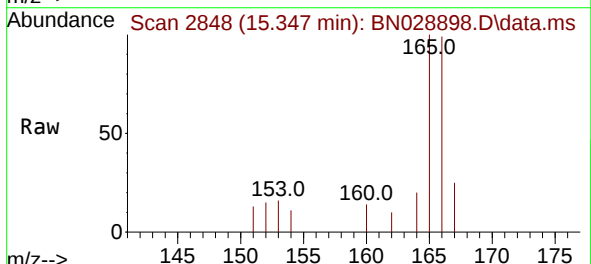
Tgt Ion:153 Resp: 1048
Ion Ratio Lower Upper
153 100
152 60.2 39.6 59.4
154 87.6 71.0 106.6

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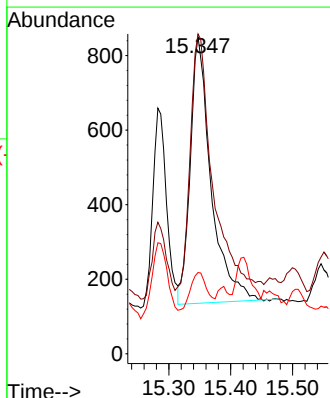
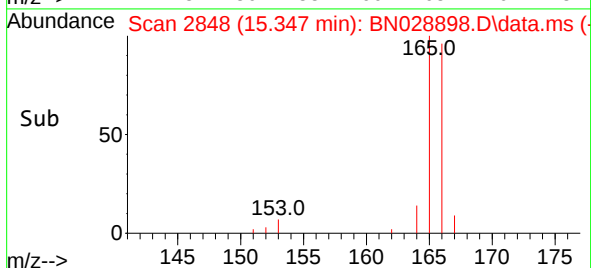
Reviewed By :Yogesh Patel 11/28/2023
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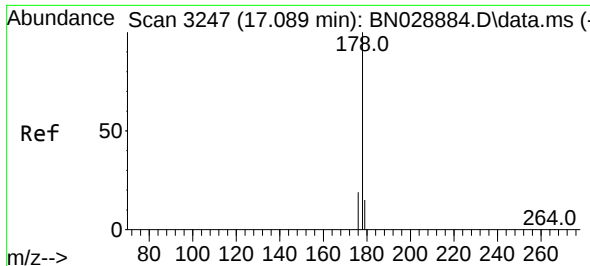


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.347 min Scan# 2848
Delta R.T. -0.020 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44



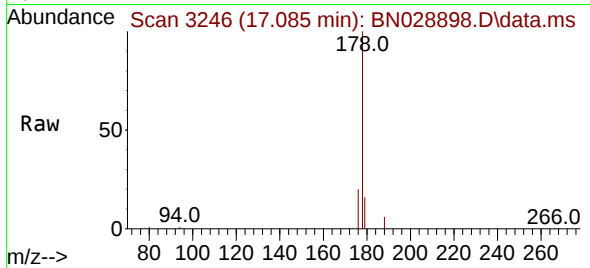
Tgt Ion:166 Resp: 1660
Ion Ratio Lower Upper
166 100
165 100.9 78.6 118.0
167 25.6 11.0 16.6





#15
Phenanthrene
Concen: 0.766 ng/ul
RT: 17.085 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

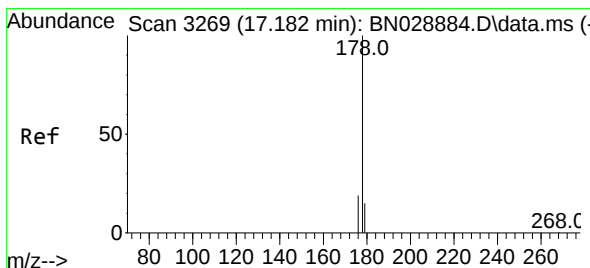
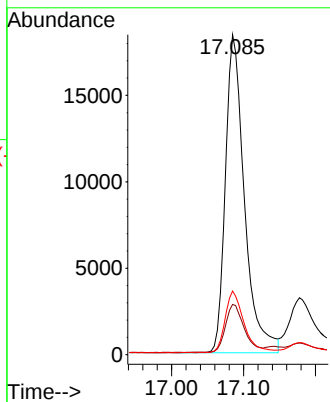
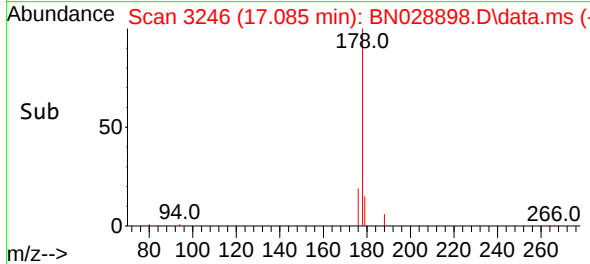
Instrument :
BNA_N
ClientSampleId :
COAH0



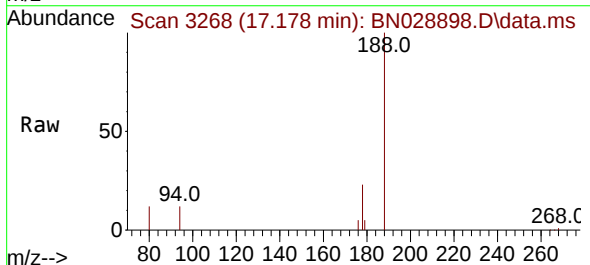
Tgt Ion:178 Resp: 33799
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.9 15.4 23.2

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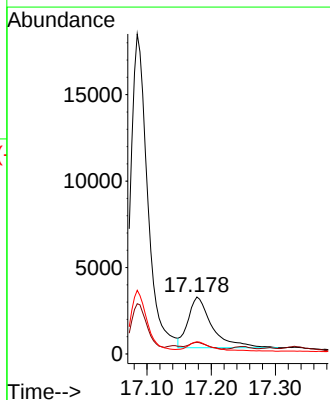
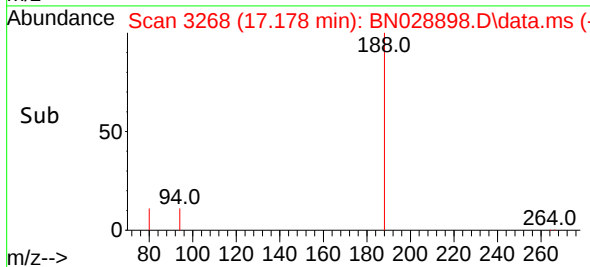
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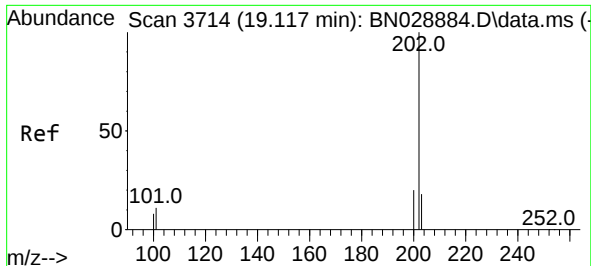


#16
Anthracene
Concen: 0.189 ng/ul
RT: 17.178 min Scan# 3268
Delta R.T. -0.027 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44



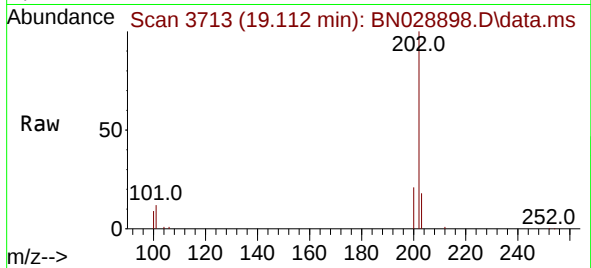
Tgt Ion:178 Resp: 7631
Ion Ratio Lower Upper
178 100
179 20.4 12.6 18.8#
176 21.5 14.9 22.3





#19
Fluoranthene
Concen: 1.173 ng/u1
RT: 19.112 min Scan# 3713
Delta R.T. -0.011 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

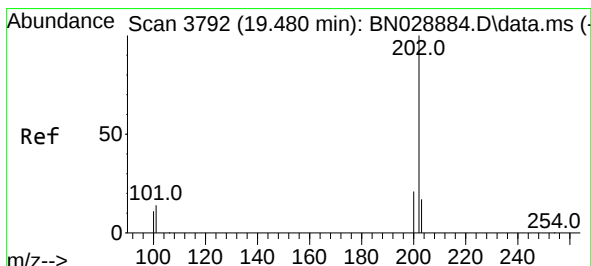
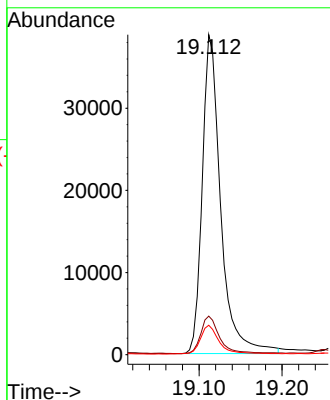
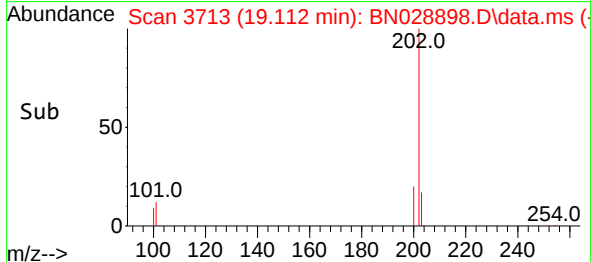
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BNA_N
ClientSampleId :
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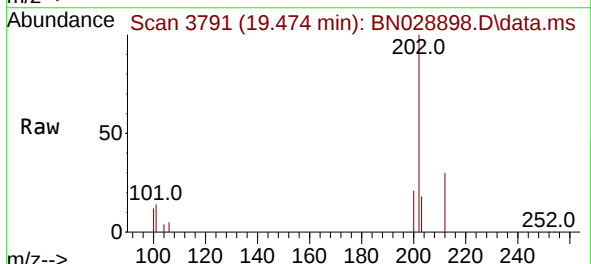
Tgt Ion:202 Resp: 60200
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.2 7.2 10.8

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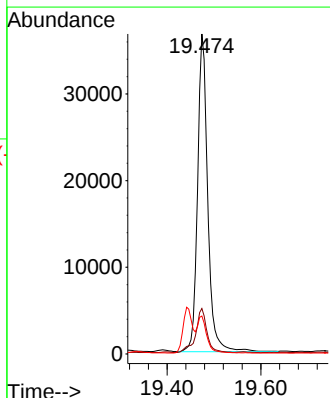
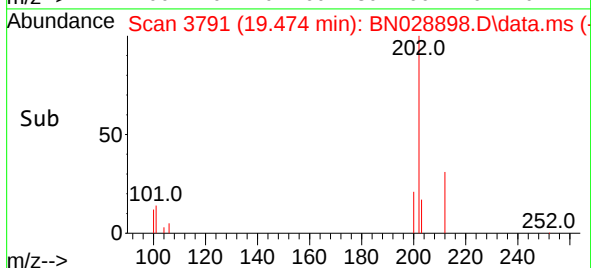
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

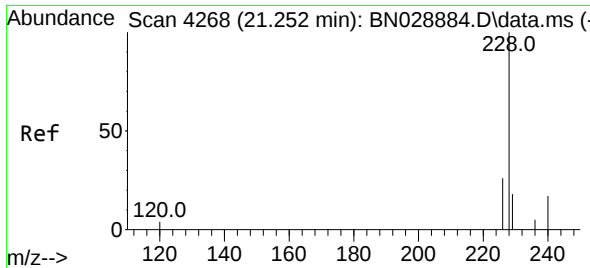


#20
Pyrene
Concen: 1.037 ng/u1
RT: 19.474 min Scan# 3791
Delta R.T. -0.011 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44



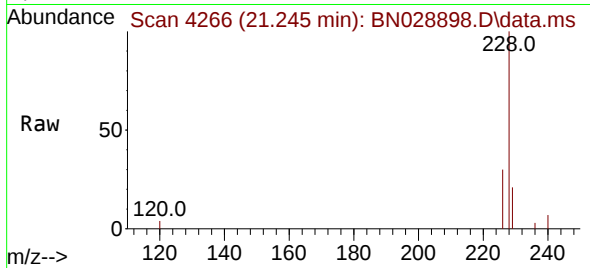
Tgt Ion:202 Resp: 55168
Ion Ratio Lower Upper
202 100
101 14.2 10.3 15.5
100 11.8 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.577 ng/ul
RT: 21.245 min Scan# 4266
Delta R.T. -0.011 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

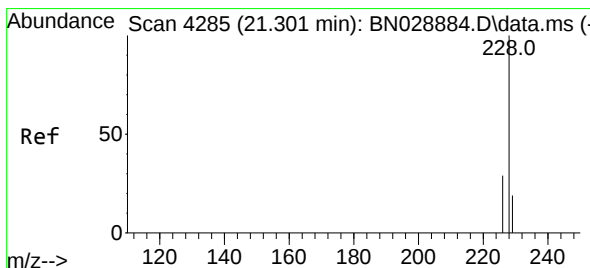
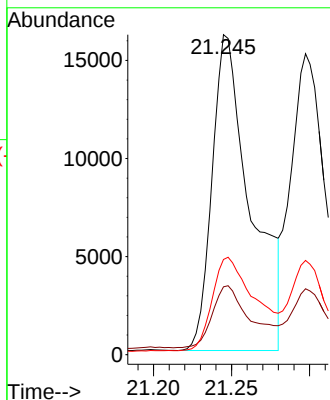
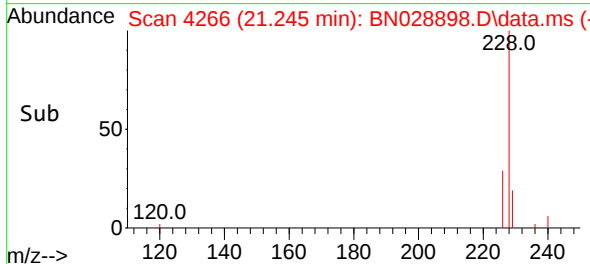
Instrument :
BNA_N
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COAH0



Tgt Ion:228 Resp: 27550
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.7 21.4 32.0

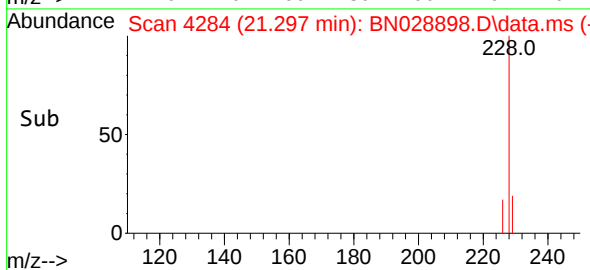
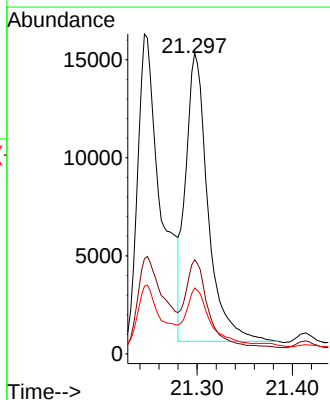
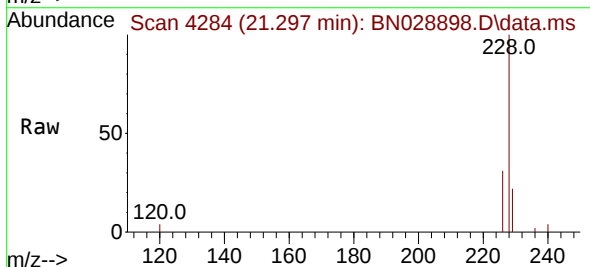
Manual Integrations
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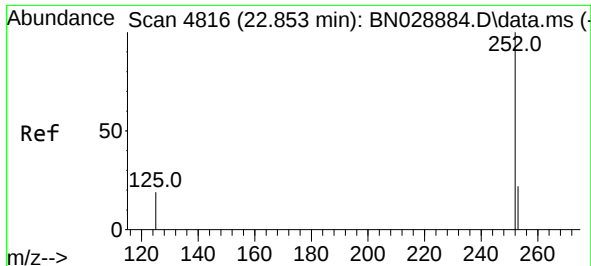
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.297 min Scan# 4284
Delta R.T. -0.008 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

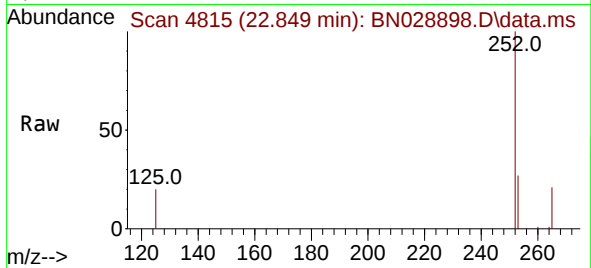
Tgt Ion:228 Resp: 23965
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.8
229 21.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.653 ng/ul m
RT: 22.849 min Scan# 4815
Delta R.T. -0.005 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

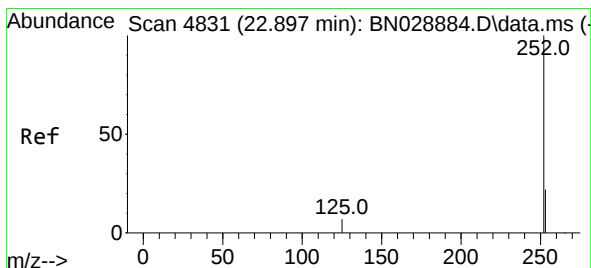
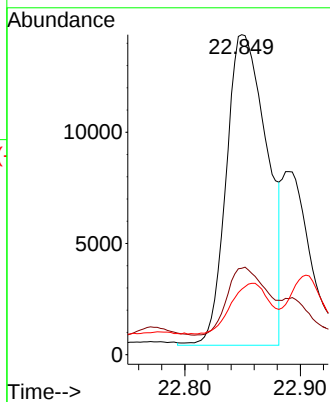
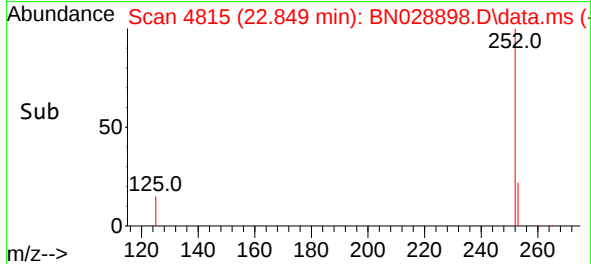
Instrument :
BNA_N
ClientSampleId :
COAH0



Tgt Ion:252 Resp: 34214
Ion Ratio Lower Upper
252 100
253 27.0 0.0 46.6
125 20.5 0.0 27.6

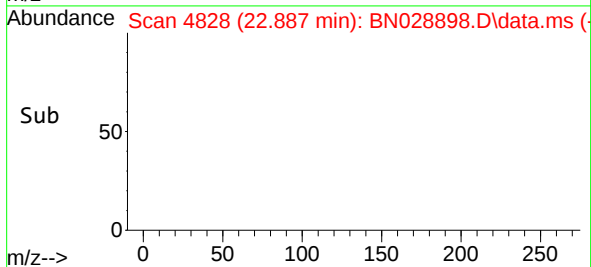
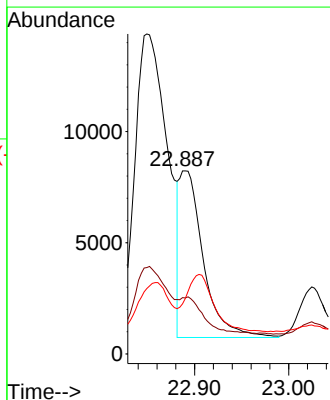
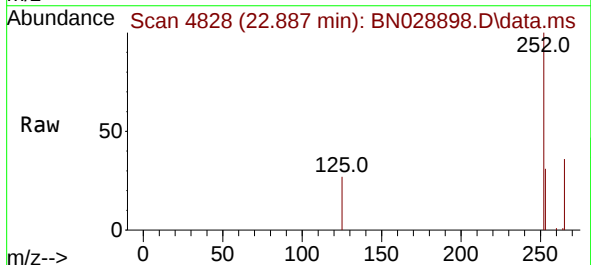
Manual Integrations
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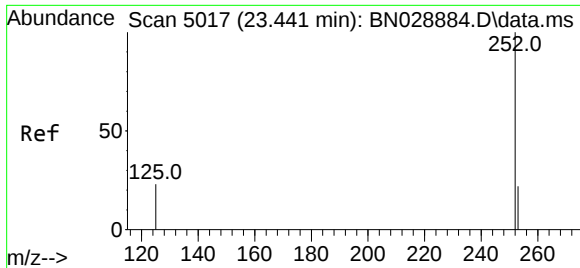
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.241 ng/ul m
RT: 22.887 min Scan# 4828
Delta R.T. -0.016 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

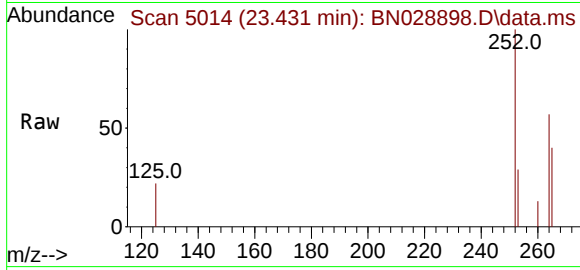
Tgt Ion:252 Resp: 13237
Ion Ratio Lower Upper
252 100
253 30.8 18.6 28.0#
125 27.3 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.456 ng/ul
RT: 23.431 min Scan# 5014
Delta R.T. -0.013 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

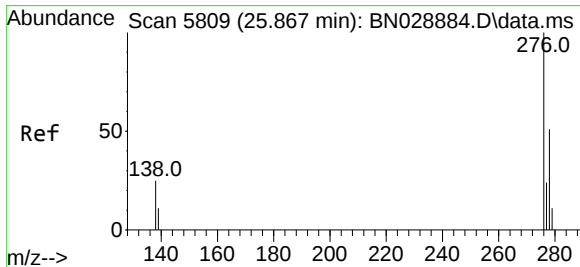
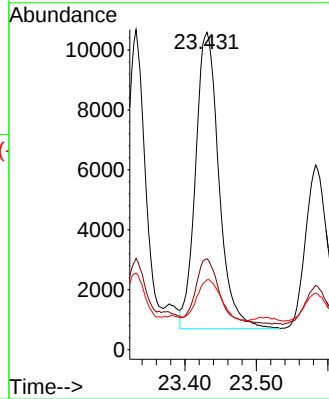
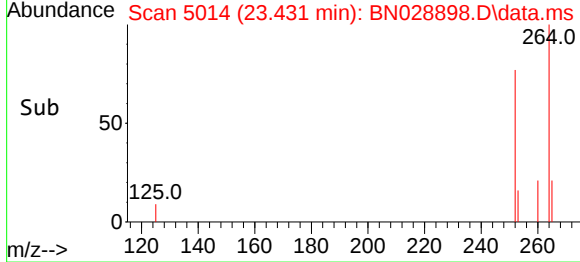
Instrument :
BNA_N
ClientSampleId :
COAH0



Tgt Ion:252 Resp: 22570
Ion Ratio Lower Upper
252 100
253 28.7 19.0 28.6
125 22.0 13.2 19.8

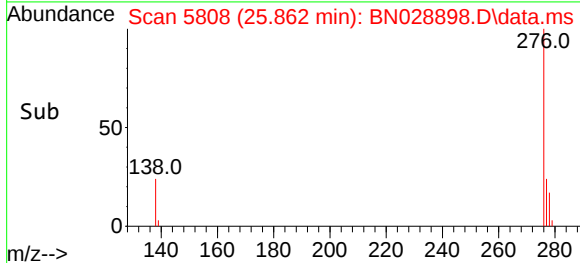
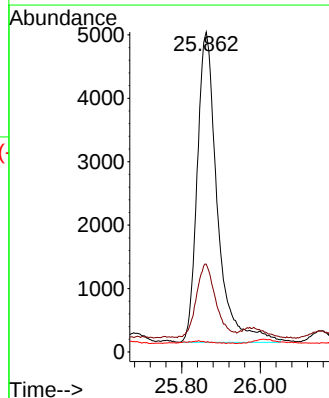
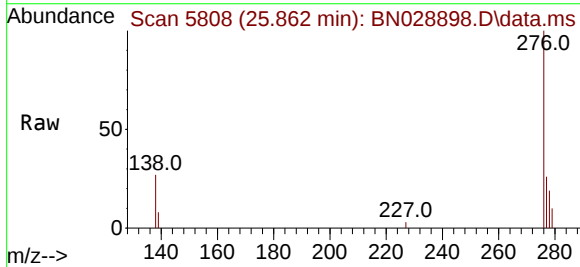
Manual Integrations
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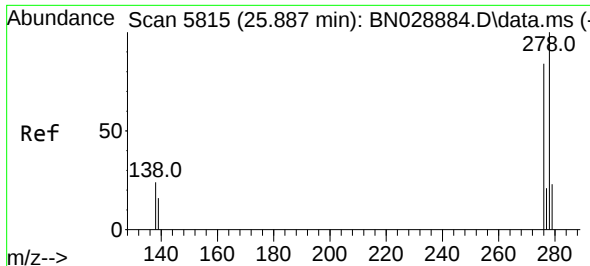
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 25.862 min Scan# 5808
Delta R.T. -0.012 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

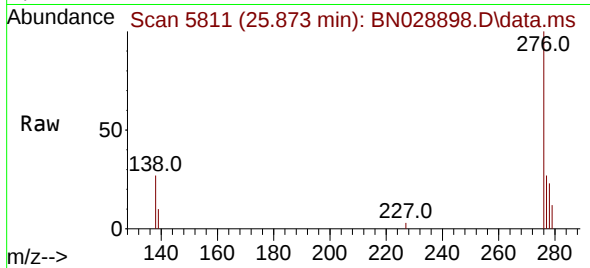
Tgt Ion:276 Resp: 17247
Ion Ratio Lower Upper
276 100
138 23.2 23.8 35.6#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 25.873 min Scan# 5815
Delta R.T. -0.025 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

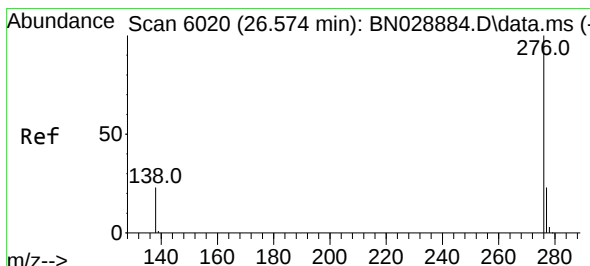
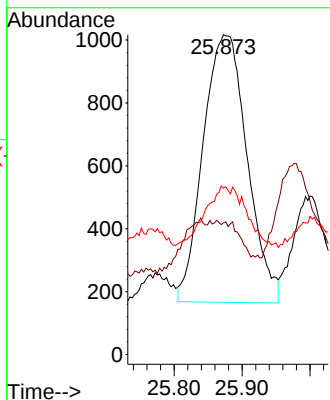
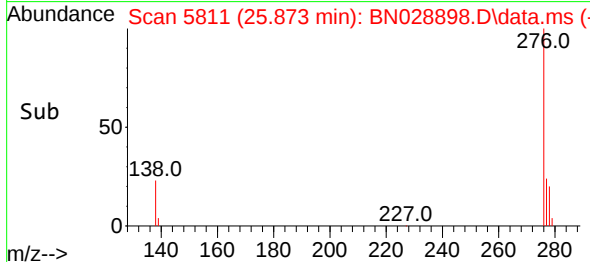
Instrument :
BNA_N
ClientSampleId :
COAH0



Tgt Ion:278 Resp: 383
Ion Ratio Lower Upper
278 100
139 41.2 18.2 27.4
279 52.0 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.570 min Scan# 6019
Delta R.T. -0.008 min
Lab File: BN028898.D
Acq: 28 Nov 2023 02:44

Tgt Ion:276 Resp: 16425
Ion Ratio Lower Upper
276 100
138 28.1 20.5 30.7
277 25.9 19.4 29.0

